CONSOLIDATED FINANCIAL STATEMENTS, SUPPLEMENTARY INFORMATION, AUDIT REPORTS AND SCHEDULES RELATED TO THE UNIFORM GUIDANCE

Northwell Health, Inc. Year Ended December 31, 2022 With Reports of Independent Auditors

Ernst & Young LLP



Consolidated Financial Statements, Supplementary Information, Audit Reports and Schedules Related to the Uniform Guidance

Year Ended December 31, 2022

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One Manhattan West New York, NY 10001-8604

Report of Independent Auditors

The Management and the Board of Trustees Northwell Health, Inc.

Report on the Audit of the Financial Statements

Opinion

We have audited the consolidated financial statements of Northwell Health, Inc. and its member corporations and other affiliated entities (collectively, Northwell), which comprise the consolidated statements of financial position as of December 31, 2022 and 2021, and the related consolidated statements of operations, changes in net assets and cash flows for the years then ended, and the related notes (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the consolidated financial position of Northwell at December 31, 2022 and 2021, and the results of its operations, 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 audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States (Government Auditing Standards). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Northwell and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. 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 Financial Statements

Management is responsible for the preparation and fair presentation of the 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 financial statements that are free of 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 Northwell's ability to continue as a going concern for one year after the date that the financial statements are issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free of material misstatement, whether due to fraud or error, and to issue an auditor's 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 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 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 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 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 Northwell'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 financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Northwell'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.



Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. We have not performed any procedures with respect to the audited financial statements subsequent to April 25, 2023. The accompanying Schedule of Expenditures of Federal Awards for the year ended December 31, 2022, as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we also have issued our report dated April 25, 2023 on our consideration of Northwell's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Northwell's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering Northwell's internal control over financial reporting and compliance.

Ernst & Young LLP

April 25, 2023, except for our report on the schedule of expenditures of federal awards for which the date is September 29, 2023.

Consolidated Statements of Financial Position (In Thousands)

	December 31			31
		2022		2021
Assets				
Current assets:				
Cash and cash equivalents	\$	762,894	\$	578,168
Short-term investments		3,348,441		4,376,827
Accounts receivable for services to patients, net		1,656,275		1,568,340
Accounts receivable for physician activities, net		368,443		309,853
Current portion of pledges receivable		55,140		54,323
Current portion of insurance claims receivable		33,009		43,435
Other current assets		590,795		448,807
Total current assets		6,814,997		7,379,753
Long-term investments		3,412,416		3,833,609
Pledges receivable, net of current portion		114,285		127,099
Property, plant and equipment, net		6,759,273		6,246,810
Right-of-use assets – operating leases		1,130,293		1,000,823
Insurance claims receivable, net of current portion		119,689		116,149
Other assets		864,170		743,368
Total assets	\$	19,215,123	\$	19,447,611
Liabilities and net assets				
Current liabilities:				
Short-term borrowings	\$	408,021	\$	409,310
Accounts payable and accrued expenses		1,218,276		1,170,463
Accrued salaries and related benefits		1,567,301		1,403,304
Current portion of operating lease obligations		141,319		133,350
Current portion of finance lease obligations		7,020		6,415
Current portion of long-term debt		80,353		64,413
Current portion of insurance claims liability		33,009		43,435
Current portion of malpractice and other insurance liabilities		231,352		192,792
Current portion of Medicare advances		_		632,168
Current portion of estimated payables to third-party payers		324,871		330,229
Total current liabilities		4,011,522		4,385,879
Accrued retirement benefits, net of current portion		502,114		648,799
Operating lease obligations, net of current portion		1,028,259		891,756
Finance lease obligations, net of current portion		289,730		244,551
Long-term debt, net of current portion		4,216,127		3,579,927
Insurance claims liability, net of current portion		119,689		116,149
Malpractice and other insurance liabilities, net of current portion		1,950,363		1,817,495
Medicare advances, net of current portion		_		3,622
Other long-term liabilities		1,045,478		967,134
Total liabilities		13,163,282		12,655,312
Commitments and contingencies				
Net assets:				
Without donor restrictions		5,143,692		5,871,294
With donor restrictions		908,149		921,005
Total net assets		6,051,841		6,792,299
Total liabilities and net assets	\$	19,215,123	\$	19,447,611

Consolidated Statements of Operations (In Thousands)

	Year Ended 2022	Dece	mber 31 2021
Operating revenue:			
Net patient service revenue	\$ 11,129,605	\$	10,523,685
Physician practice revenue	2,836,642		2,636,603
Total patient revenue	 13,966,247		13,160,288
FEMA and CARES Act Provider Relief Fund revenue	164,579		61,150
Other operating revenue	1,376,667		1,269,797
Net assets released from restrictions used for operations	60,551		53,820
Total operating revenue	 15,568,044		14,545,055
Operating expenses:			
Salaries	8,169,763		7,421,527
Employee benefits	1,721,825		1,630,779
Supplies and expenses	4,768,804		4,571,023
Depreciation and amortization	621,268		588,022
Interest	168,736		156,053
Total operating expenses	 15,450,396		14,367,404
Excess of operating revenue over operating expenses	117,648		177,651
Non-operating gains and losses:			
Investment income	13,400		460,495
Change in net unrealized gains and losses and change in value of			
equity method investments	(1,051,628)		16,387
Non-operating net periodic benefit credit	51,278		33,152
Other non-operating gains and losses	 (35,954)		163,441
Total non-operating gains and losses	 (1,022,904)		673,475
(Deficiency) excess of revenue and gains and losses over expenses	(905,256)		851,126
Net assets released from restrictions for capital asset acquisitions	47,602		25,757
Pension and other postretirement liability adjustments	153,022		165,515
Other changes in net assets	(22,970)		(32,956)
(Decrease) increase in net assets without donor restrictions	\$ (727,602)	\$	1,009,442

Consolidated Statements of Changes in Net Assets (In Thousands)

	Net Assets					
		thout Donor Restrictions		With Donor Restrictions		Total
Net assets, January 1, 2021	\$	4,861,852	\$	783,769	\$	5,645,621
Contributions and grants				183,473		183,473
Investment income		_		29,900		29,900
Change in net unrealized gains and losses and change in						
value of equity method investments		_		10,835		10,835
Excess of revenue and gains and losses over expenses		851,126		_		851,126
Net assets released from restrictions for:						
Capital asset acquisitions		25,757		(25,757)		_
Operations		_		(53,820)		(53,820)
Non-operating activities		_		(10,859)		(10,859)
Pension and other postretirement liability adjustments		165,515		_		165,515
Other changes in net assets		(32,956)		3,464		(29,492)
Increase in net assets		1,009,442		137,236		1,146,678
Net assets, December 31, 2021	\$	5,871,294	\$	921,005	\$	6,792,299
				Net Assets		
		thout Donor		ith Donor		Total

	Restrictions			n Donor		
			Restrictions			Total
Net assets, January 1, 2022	\$	5,871,294	\$	921,005	\$	6,792,299
Contributions and grants		_		160,262		160,262
Investment income		_		7,439		7,439
Change in net unrealized gains and losses and change in value of equity method investments				(58,136)		(58,136)
Deficiency of revenue and gains and losses over expenses		(905,256)		(36,130)		(905,256)
Net assets released from restrictions for:						
Capital asset acquisitions		47,602		(47,602)		_
Operations		_		(60,551)		(60,551)
Non-operating activities		_		(10,474)		(10,474)
Pension and other postretirement liability adjustments		153,022		_		153,022
Other changes in net assets		(22,970)		(3,794)		(26,764)
Decrease in net assets		(727,602)		(12,856)		(740,458)
Net assets, December 31, 2022	\$	5,143,692	\$	908,149	\$	6,051,841

Consolidated Statements of Cash Flows (In Thousands)

		Year Ended December 31 2022 2021			
Operating activities	-				
(Decrease) increase in net assets	\$	(740,458) \$	1,146,678		
Adjustments to reconcile (decrease) increase in net assets to net cash					
provided by operating activities:					
Permanent endowment donor contributions		(31,890)	(22,259)		
Depreciation and amortization		621,268	588,022		
Amortization of bond premiums, discounts and financing costs		(2,831)	(5,483)		
Net realized gains and losses, change in net unrealized gains and losses and					
change in value of equity method investments		1,141,352	(446,052)		
Gain on sale of joint venture		_	(197,792)		
Changes in operating assets and liabilities:					
Accounts receivable for services to patients, net		(87,935)	(292,105)		
Accounts receivable for physician activities, net		(58,590)	(38,069)		
Pledges receivable		21,905	(23,173)		
Accrued salaries and related benefits		163,997	76,229		
Medicare advances		(635,790)	(394,439)		
Current portion of estimated payables to third-party payers		(5,358)	23,648		
Accrued retirement benefits, net of current portion		(146,685)	(106,898)		
Malpractice and other insurance liabilities		171,428	221,080		
Net change in all other operating assets and liabilities		72,502	(3,234)		
Net cash provided by operating activities		482,915	526,153		
Investing activities					
Capital expenditures		(1,091,929)	(1,005,892)		
Net cash from sales of short-term and long-term investments		229,173	29,173		
Payments for acquisitions and clinical joint venture investments, net		(180,810)	(51,424)		
Net cash used in investing activities		(1,043,566)	(1,028,143)		
Financing activities					
Principal payments on long-term debt and finance lease obligations		(72,749)	(71,509)		
Payments on refunded long-term debt		(81,425)	(53,730)		
Payments on short-term borrowings		(106,289)	(65,427)		
Proceeds from short-term borrowings		105,000	379,737		
Proceeds from long-term debt		809,873	53,730		
Payments for financing costs		(6,506)	(283)		
Interest rate swap termination payments		(3,426)	_		
Proceeds from permanent endowment donor contributions		21,982	15,425		
Net cash provided by financing activities		666,460	257,943		
Net increase (decrease) in cash and cash equivalents (unrestricted and restricted)		105,809	(244,047)		
Cash and cash equivalents (unrestricted and restricted), beginning of year		1,024,899	1,268,946		
Cash and cash equivalents (unrestricted and restricted), end of year	\$	1,130,708 \$	1,024,899		
Supplemental disclosure of cash flow information					
Cash paid during the year for interest (exclusive of amounts capitalized)	\$	169,589 \$	160,979		

Notes to Consolidated Financial Statements (In Thousands)

December 31, 2022

1. Organization and Principles of Consolidation

Northwell Health, Inc. and its member corporations and other affiliated entities (collectively, Northwell) is an integrated health care delivery system in the New York metropolitan area. Most entities within Northwell are exempt from federal income taxes on related income under the provisions of Section 501(a) of the Internal Revenue Code (the Code) as organizations described in Section 501(c)(3), while certain entities are not exempt from such income taxes. The exempt organizations also are exempt from New York State and local income taxes.

The accompanying consolidated financial statements include the accounts of the following principal operating organizations. All interorganization accounts and activities have been eliminated in consolidation.

Hospitals

- North Shore University Hospital (NSUH), including Syosset Hospital
- Long Island Jewish Medical Center (LIJMC), including Long Island Jewish Hospital, Long Island Jewish Forest Hills, Long Island Jewish Valley Stream, Steven and Alexandra Cohen Children's Medical Center of New York, Zucker Hillside Hospital and Orzac Center for Rehabilitation
- Staten Island University Hospital, including the North and Prince's Bay campuses (Staten Island)
- Lenox Hill Hospital (Lenox), including Lenox Health Greenwich Village and Manhattan Eye, Ear & Throat Hospital
- South Shore University Hospital (SSUH, formerly Southside Hospital)

- Glen Cove Hospital (Glen Cove)
- Huntington Hospital Association (Huntington)
- Plainview Hospital (Plainview)
- The Long Island Home (South Oaks Hospital)
- Phelps Memorial Hospital Association (Phelps, collectively with its subsidiaries)
- Northern Westchester Hospital Association (Northern Westchester, collectively with its subsidiaries)
- Peconic Bay Medical Center (Peconic, collectively with its subsidiaries)
- John T. Mather Memorial Hospital (Mather, collectively with its subsidiary)

Notes to Consolidated Financial Statements (continued) (In Thousands)

1. Organization and Principles of Consolidation (continued)

Other Entities

- Northwell Health, Inc. and Northwell Healthcare, Inc. (HCI) parent holding companies
- Northwell Health Stern Family Center for Rehabilitation (Stern) – skilled nursing facility and rehabilitation center
- Northwell Health Laboratories laboratory services
- North Shore Health System Enterprises, Inc., North Shore Health Enterprises, Inc. and True North Health Services Company, LLC – holding companies for certain related entities
- RegionCare, Inc. infusion therapy and licensed home health agency services
- North Shore Community Services, Inc. real estate holdings and related services
- North Shore University Hospital Housing, Inc., North Shore University Hospital at Glen Cove Housing, Inc. and Hillside Hospital Houses, Inc. – housing and auxiliary facilities for students and employees
- Visiting Nurse Association of Hudson Valley, Inc. licensed home health agency services
- True North Health Pharmacy, Inc. retail pharmacy
- Staten Island Performing Provider System, LLC population health organization
- North Shore-LIJ and Yale New Haven Medical Air Transport, LLC – medical air transport company 90% owned by Northwell
- Long Island Center for Digestive Health, LLC outpatient endoscopy center 51% owned by Northwell
- Surgical Specialty Center of Westchester, LLC outpatient ambulatory surgery center 51% owned by Northwell

- The Feinstein Institutes for Medical Research medical research
- Northwell Health Foundation fundraising
- Hospice Care Network hospice services
- Regional Insurance Company Ltd. (Regional Insurance) – captive insurance company providing excess professional liability insurance
- Montauk Risk Retention Group, Inc. captive insurance company providing professional liability insurance
- Northwell Family Health Center at Huntington (formerly Dolan Family Health Center) – community health center
- Endoscopy Center of Long Island, LLC outpatient endoscopy center 73% owned by Northwell
- Endo Group, LLC outpatient ambulatory surgery center 54% owned by Northwell
- DHCH, LLC (Digestive Health Center of Huntington) – outpatient endoscopy center 51% owned by Northwell
- South Shore Surgery Center, LLC outpatient ambulatory surgery center 65% owned by Northwell
- Suffolk Surgery Center, LLC outpatient ambulatory surgery center 68% owned by Northwell
- Melville SC, LLC outpatient ambulatory surgery center 50.1% owned by Northwell
- Lynbrook SC, LLC outpatient ambulatory surgery center 100% owned by Northwell
- Affiliated professional corporations

Notes to Consolidated Financial Statements (continued) (In Thousands)

1. Organization and Principles of Consolidation (continued)

Certain members of Northwell (the Obligated Group) are jointly and severally liable for obligations under bond indentures (see Note 8). The Obligated Group consists of HCI, NSUH, LIJMC, Staten Island, Lenox, SSUH, Huntington, Glen Cove, Plainview and Stern.

Northwell maintains a controlling ownership in various entities, whose results of operations are included in the accompanying consolidated financial statements. Northwell's non-controlling interest in these entities at December 31, 2022 and 2021 is immaterial, both individually and in the aggregate, to Northwell's net assets and (deficiency) excess of revenue and gains and losses over expenses, as reported in the accompanying consolidated financial statements.

During 2022 and 2021, Northwell acquired various physician practices and other health providers. These acquisitions were accounted for as business combinations. Assets acquired during 2022 and 2021 were approximately \$186,000 and \$62,000, respectively.

In March 2021, Northwell sold its interest in a joint venture, which was previously accounted for using the equity method of accounting, resulting in a net gain of \$197,792, which is included in other non-operating gains and losses in the accompanying consolidated statement of operations for the year ended December 31, 2021.

COVID-19 Impact

The global outbreak of Coronavirus Disease 2019 (COVID-19) has caused numerous and varied medical, economic and social impacts. These impacts have included widespread business and school closures and event cancellations, high unemployment and other economic and societal effects resulting from the national response to the COVID-19 crisis. There have been adverse effects on Northwell's operations and financial condition, beginning in March 2020 and continuing into 2022 because of the pandemic, including increased labor and non-labor expenses related to clinical care, reductions in patient volume and incremental costs in response to the crisis. The recovery of patient volume initially started in late May 2020 after the first COVID-19 surge in Northwell's service area. Subsequent COVID-19 surges have impacted the recovery and affected Northwell's operations. Different from the first COVID-19 surge, these other surges did not result in New York State executive orders prohibiting elective or non-emergent medical services. While the federal government has announced the end of the public health emergency effective May 11, 2023, the financial impact will ultimately be dependent on the severity of any COVID-19 resurgences, the pace of economic activity and continued recovery in providing non-COVID-19 related services to patients, and the ultimate amount of federal and other relief funding received.

Notes to Consolidated Financial Statements (continued) (In Thousands)

1. Organization and Principles of Consolidation (continued)

Individual Northwell entities received grants from the Coronavirus Aid, Relief and Economic Security (CARES) Act Provider Relief Fund based on various criteria and, under current guidelines issued by the US Department of Health and Human Services (HHS), these funds can be used to reimburse for revenue losses and certain COVID-19 related costs. Additionally, on December 27, 2020, the Consolidated Appropriations Act, 2021 (CAA) was signed into law. The CAA appropriated additional funding for COVID-19 response and relief through the Provider Relief Fund and provided several changes to the administration of the Provider Relief Fund. Included in FEMA and CARES Act Provider Relief Fund revenue in the consolidated statements of operations for the years ended December 31, 2022 and 2021 is \$49,157 and \$48,575, respectively, of Provider Relief Fund grant revenue. In November 2021, March 2022, September 2022 and March 2023, management submitted the required reports to HHS on the use of the Provider Relief Fund for the first, second, third and fourth reporting periods covering funds received through June 2020, December 2020, June 2021 and December 2021, respectively.

In addition to the amounts from the Provider Relief Fund to offset the financial impact of COVID-19, there were certain temporary Medicare payment rate enhancements provided since 2020. Medicare advances were also made available in 2020 under the CARES Act to provide liquidity to health care providers (separate and apart from the CARES Act Provider Relief Fund grants described in the paragraph above). Northwell received approximately \$1,030,000 in Medicare advances to be repaid without interest. As of December 31, 2022, all advances were fully repaid. In addition, Northwell participated in the FICA tax deferral program under the CARES Act for the employer portion of social security taxes, deferring approximately \$229,000. The employer FICA amounts deferred under this program were paid without interest in equal installments in December 2021 and December 2022. Amounts outstanding at December 31, 2021 are recorded in accrued salaries and related benefits in the accompanying consolidated statements of financial position.

Management had designated funds in assets limited as to use for the payment of the Medicare advances and FICA deferral amounts and excluded such amounts from Northwell's total unrestricted cash, cash equivalents and investments as of December 31, 2021.

Notes to Consolidated Financial Statements (continued) (In Thousands)

1. Organization and Principles of Consolidation (continued)

Management is pursuing opportunities for additional federal relief funding, including funding from the Federal Emergency Management Agency (FEMA). Included in FEMA and CARES Act Provider Relief Fund revenue in the consolidated statements of operations for the years ended December 31, 2022 and 2021 is \$115,422 and \$12,575, respectively, of FEMA grant revenue. In addition, approximately \$16,800 of FEMA grant revenue is included in net assets released from restrictions for capital asset acquisitions in the consolidated statement of operations for the year ended December 31, 2022.

Management continues to closely monitor the operational and financial impact of COVID-19. However, the ultimate net impact of the pandemic on Northwell's financial condition remains uncertain.

2. Summary of Significant Accounting Policies

Consolidated Statements of Operations

The accompanying consolidated statements of operations include the (deficiency) excess of revenue and gains and losses over expenses as the performance indicator. For purposes of display, transactions deemed by management to be ongoing, major or central to the provision of health care services are reported as operating revenue and operating expenses; peripheral or incidental transactions and unusual, nonrecurring items are reported as non-operating gains and losses.

Net assets released from restrictions for capital asset acquisitions, pension and other postretirement liability adjustments and other changes in net assets are excluded from Northwell's performance indicator.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Recent Accounting Pronouncements

In June 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2016-13, Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments (ASU 2016-13). The main objective of ASU 2016-13 and related ASU updates is to provide financial statement users with more decision-useful information about the expected credit losses on financial instruments and other commitments to extend credit held by a reporting entity at each reporting date. The amendments affect loans, debt securities, trade receivables, net investments in leases, off-balance sheet credit exposures, reinsurance receivables, and any other financial assets not excluded from the scope that have the contractual right to receive cash. The amendments in ASU 2016-13 are effective for Northwell for fiscal years beginning after December 15, 2022. The adoption of ASU 2016-13 is not expected to have a material impact on Northwell's consolidated financial statements.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets, including accounts receivable for services to patients, and liabilities, including accounts payable and accrued expenses, estimated payables to third-party payers, accrued retirement benefits and malpractice and other insurance liabilities, and disclosures of contingent assets and liabilities at the date of the financial statements. Estimates also affect the reported amounts of revenue and expenses during the period. Actual results could differ from those estimates.

Cash and Cash Equivalents

Northwell classifies all highly liquid financial instruments purchased with a maturity of three months or less as cash equivalents. Northwell maintains cash on deposit with major banks and invests in money market securities with financial institutions which exceed federally-insured limits. Management believes the credit risk related to these deposits is minimal. Northwell does not hold any money market funds with significant liquidity restrictions that would be required to be excluded from cash equivalents.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Cash and cash equivalents (unrestricted and restricted), as reported in the accompanying consolidated statements of cash flows, are reported within the following categories in the accompanying consolidated statements of financial position as of December 31, 2022 and 2021:

	 2022	2021
Cash and cash equivalents Short and long-term investments	\$ 762,894 367,814	\$ 578,168 446,731
-	\$ 1,130,708	\$ 1,024,899

Pledges Receivable

Pledges (promises to give), less an allowance for uncollectible amounts, are recorded as receivables in the year made at net present value and are recorded as additions to net assets with donor restrictions. Pledges receivable that are due more than one year from the consolidated statement of financial position date are discounted to reflect the present value of future cash flows.

Investments

Short-term and long-term investments include cash and cash equivalents, marketable securities and other investments. Marketable securities are classified as trading securities. Investments in debt securities, convertible securities, equity securities and mutual funds with readily determinable fair values are reported at fair value, based on quoted market prices. Convertible securities are hybrid securities such as a bond, preferred stock or other security that may be converted into a prescribed amount of common stock at a pre-stated price. Investment transactions are recorded on the trade date.

Northwell has also invested in alternative investments, including funds of hedge funds, hedge funds, private equity investments, private real estate funds and private credit funds. These other investments are not readily marketable and are reported under the equity method of accounting. The equity method reflects Northwell's share of the net asset value of the respective funds.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Individual investment holdings of the funds of hedge funds, hedge funds, private equity investments, private real estate funds and private credit funds may include investments in both nonmarketable and market-traded securities. Valuations of these investments, and therefore Northwell's holdings, may be determined by the investment managers or general partners. Values may be based on estimates that require varying degrees of judgment. Recorded estimates may change by a material amount in the near term. These investments may indirectly expose Northwell to securities lending, short sales of securities and trading in futures and forwards contracts, options and other derivative products. However, Northwell's risk is limited to its amounts invested. At December 31, 2022, Northwell has future commitments of \$285,102 and \$188,838 to invest in private equity investments, private real estate funds and private credit funds for pension and restricted assets, respectively.

Northwell is also invested in commingled fixed income and equity funds. The underlying investment holdings of the commingled funds are predominantly marketable securities. These investments are reported either at fair value based on quoted market prices, if their fair values are readily determinable, or under the equity method of accounting, which approximates fair value. The equity method reflects Northwell's share of the net asset value of these investments.

The financial statements of the alternative investments and commingled fixed income and equity funds noted above are audited annually by independent auditors, although the timing for reporting the results of such audits for certain investments does not coincide with Northwell's annual financial statement reporting.

Other investments also include non-controlling interests in non-clinical joint ventures held by Northwell for investment purposes. Such investments are accounted for under the equity method or at cost less any impairment, adjusted for observable price changes for an identical or similar investment of the same issuer (Adjusted Cost).

Included in short-term and long-term investments are assets limited as to use, which include funds held pursuant to debt financing arrangements, management designated funds (including malpractice and other self-insurance assets and funds set aside at December 31, 2021 to repay Medicare advances), deferred employee compensation plan assets and donor restricted assets. Amounts required to meet current liabilities are reported as short-term investments. Northwell has future commitments of approximately \$340,000 at December 31, 2022 to purchase additional investments included in assets limited as to use in addition to the private equity, private real estate and private credit commitment amounts noted above.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Investment income (including realized gains and losses on investments, interest and dividends) and the change in net unrealized gains and losses and change in value of equity method investments are included in the performance indicator, unless the income or loss is restricted by donor or law. Interest and dividend income earned on Northwell's management designated malpractice and other self-insurance assets and management designated taxable debt sinking funds is recorded in other operating revenue.

Inventory of Supplies

Inventory, included in other current assets, is stated at the lower of cost or net realizable value.

Insurance Claims Receivable and Liability

For medical malpractice and similar contingent liabilities, Northwell determines such claims liabilities without consideration of insurance recoveries. Accordingly, Northwell recognizes insurance receivables at the same time that it recognizes the liabilities, measured on the same basis as the liabilities, subject to the need for a valuation allowance for uncollectible amounts in the accompanying consolidated statements of financial position. Such amounts represent the actuarially determined value of medical malpractice and other claims that are anticipated to be covered by insurance. These amounts were undiscounted at December 31, 2022 and 2021.

Property, Plant and Equipment

Property, plant and equipment is stated at cost or, in the case of gifts, at fair value at the date of the gift, less accumulated depreciation and amortization. Property, plant and equipment from acquired entities that existed at their respective acquisition dates was recorded at fair value based upon an independent valuation. Depreciation and amortization of land improvements, buildings, fixed equipment and major movable equipment is computed by the straight-line method based upon the estimated useful lives of the assets, ranging from three to forty years.

Buildings and equipment under finance lease obligations and leasehold improvements are amortized using the straight-line method over the lesser of the estimated useful life of the asset or the lease term. Such amortization is included in depreciation and amortization in the accompanying consolidated financial statements.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

During the period of construction of capital assets, interest costs are capitalized as a component of the cost of assets. When assets are disposed of, the carrying amounts of the assets and the related accumulated depreciation are removed from the accounts, and any resulting gain or loss on disposal is included in the performance indicator. When assets become fully depreciated, the carrying amounts of such assets and the related accumulated depreciation are removed from the accounts (see Note 6).

Long-Lived Assets

Gifts of long-lived assets are reported at fair value established at the date of contribution as changes in net assets without donor restrictions, excluded from the performance indicator, unless explicit donor stipulations specify how the donated asset must be used.

Long-lived assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. If long-lived assets are deemed to be impaired, the impairment to be recognized is measured as the amount by which the carrying amount of the assets exceeds the fair value. Assets to be disposed of are reported at the lower of the carrying amount or the fair value, less costs to sell.

Other Assets

Other assets included in the accompanying consolidated statements of financial position primarily consist of goodwill and other intangible assets, investments in clinical joint ventures and a note receivable (see Note 14).

In connection with various acquisitions, Northwell has recognized goodwill and certain indefinite-lived intangible assets totaling approximately \$497,000 and \$312,000 at December 31, 2022 and 2021, respectively. These assets are subject to impairment testing on an annual basis. For the year ended December 31, 2021, \$10,347 of goodwill and intangible assets were written off as a result of impairment testing (none in 2022).

Deferred Financing Costs

Deferred financing costs, included in long-term debt and finance lease obligations, represent costs incurred to obtain financing for various Northwell projects and initiatives. Amortization of these costs is provided over the term of the applicable indebtedness.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Other Long-Term Liabilities

Other long-term liabilities included in the accompanying consolidated statements of financial position primarily consist of the long-term portion of estimated payables to third-party payers, the long-term portion of expected payment obligations and deferred revenue.

Classification of Net Assets

Northwell separately accounts for and reports net assets without donor restrictions and net assets with donor restrictions. Net assets without donor restrictions include resources that the governing board may use for any designated purpose and resources whose use is limited by an agreement between Northwell and an outside party other than the donor or grantor. Net assets with donor restrictions are those whose use by Northwell has been limited by donors to a specific time period or purpose. When donor restrictions expire, that is, when a time restriction ends or a purpose restriction is accomplished, these net assets are reclassified to net assets without donor restrictions and reported as net assets released from restrictions.

Certain net assets with donor restrictions have been restricted by donors to be maintained in perpetuity. Income from these net assets is available to support certain teaching, research and training programs.

Northwell also recognizes governmental grants where commensurate value is not exchanged as contributions when conditions and restrictions are satisfied and reports such amounts within other operating revenue or as net assets released from restrictions for capital asset acquisitions in the consolidated statements of operations.

Donor Gifts

Gifts of cash and other assets, including unconditional promises to give cash and other assets (pledges), are reported at fair value when the gift is received (or promise is made). Northwell receives conditional pledges, which are not reflected in the accompanying consolidated financial statements. The conditional pledges primarily relate to the establishment of certain programs. As the conditions of the pledges are met, the pledges are recognized. At December 31, 2022 and 2021, \$72,416 and \$71,709, respectively, of conditional pledges have not been recognized in the consolidated statements of financial position.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Contributions and pledges raised through fundraising efforts for the years ended December 31, 2022 and 2021 are summarized as follows:

	 2022	2021
Without donor restrictions With donor restrictions	\$ 2,110 100,000	\$ 2,492 135,919
	\$ 102,110	\$ 138,411

Functional Expenses

Northwell provides health care services to residents primarily within its geographic areas and performs medical research. Expenses related to providing these services pertain to the following functional and natural categories for the years ended December 31, 2022:

	2022							
	Н	lealth Care Services		Medical Research		eneral and ministrative		Total
Salaries Employee benefits Supplies and expenses Depreciation and	\$	7,050,022 1,475,709 4,364,237	\$	82,804 23,096 55,929	\$	1,036,937 223,020 348,638	\$	8,169,763 1,721,825 4,768,804
amortization Interest	<u></u>	345,562 149,642	Φ.	7,127		268,579 19,094	Φ:	621,268 168,736
		13,385,172	\$	168,956	\$	1,896,268	\$	15,450,396

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

Expenses related to providing these services pertain to the following functional and natural categories for the years ended December 31, 2021:

	2021						
	Health Care Services	Medical Research	General and Administrative	Total			
Salaries Employee benefits Supplies and expenses Depreciation and amortization Interest	\$ 6,437,809 1,405,460 4,136,311 341,120 138,271	\$ 82,523 23,137 50,400 6,219	\$ 901,195 202,182 384,312 240,683 17,782	\$ 7,421,527 1,630,779 4,571,023 588,022 156,053			
	\$ 12,458,971	\$ 162,279	\$ 1,746,154	\$ 14,367,404			

The accompanying consolidated financial statements report expense categories that are attributable to more than one health care service, medical research or support function. Costs not directly attributable to a function are allocated on a functional basis using internal records and estimates.

Tax Status

Certain entities included in Northwell's consolidated financial statements are taxable entities under federal or state laws. GAAP requires that the asset and liability method of accounting for income taxes be utilized by these organizations and for unrelated business activities of the tax-exempt entities included in Northwell's consolidated financial statements. Under the asset and liability method, deferred income taxes are recognized for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities.

Notes to Consolidated Financial Statements (continued) (In Thousands)

2. Summary of Significant Accounting Policies (continued)

At December 31, 2022 and 2021, Northwell has net deferred tax assets of approximately \$158,000 and \$145,000, respectively, which have been fully offset by a related valuation allowance. The deferred tax asset and related valuation allowance are recorded within other current assets in the accompanying consolidated statements of financial position. A valuation allowance is provided when it is more likely than not that some portion or all of the deferred tax asset will not be realized. Significant components of the deferred tax asset relate to net operating loss (NOL) carryforwards. Certain entities have NOL carryforwards aggregating approximately \$534,000 at December 31, 2022. NOL carryforwards generated prior to 2018 will expire in varying amounts through 2037 and are available to offset future taxable income of the respective entity. NOLs generated after 2017 can be carried forward indefinitely, but with limitations.

Reclassifications

For purposes of comparison, certain reclassifications have been made to the amounts previously reported in the 2021 consolidated statement of operations to conform with the 2022 presentation. These reclassifications have no effect on the excess of revenue and gains and losses over expenses or net assets for the year ended December 31, 2021.

3. Accounts Receivable and Patient Revenue

Net patient service revenue and physician practice revenue (collectively, Patient Revenue) are reported at the amount that reflects the consideration to which Northwell expects to be entitled in exchange for providing patient care. These amounts are due from patients and third-party payers (including health insurers and government programs) and include various elements of variable consideration in determining a transaction price.

Northwell uses a portfolio approach to account for categories of patient contracts as a collective group, rather than recognizing revenue on an individual contract basis. The portfolios consist of major payer classes for Patient Revenue. Based on historical collection trends and other analyses, Northwell believes that revenue recognized by utilizing the portfolio approach approximates the revenue that would have been recognized if an individual contract approach was used.

Notes to Consolidated Financial Statements (continued) (In Thousands)

3. Accounts Receivable and Patient Revenue (continued)

Northwell's initial estimate of the transaction price for services provided to patients subject to revenue recognition is determined by reducing the total standard charges related to the patient services provided by various elements of variable consideration, including contractual adjustments, discounts, implicit price concessions and other reductions to Northwell's standard charges. Northwell determines the transaction price associated with services provided to patients who have third-party payer coverage on the basis of contractual rates, governmental rates or established charges for the services rendered. The estimates for contractual allowances and discounts are based on contractual agreements, Northwell's discount policies and historical experience. For uninsured patients who are ineligible for any government assistance program, Northwell provides services without charge or at amounts less than its established rates for patients who meet the criteria of its charity care policy. Because Northwell does not pursue collection of amounts determined to qualify as charity care, such services are not reported as Patient Revenue. For uninsured and under-insured patients who do not qualify for charity care, Northwell determines the transaction price associated with services on the basis of charges reduced by implicit price concessions. Implicit price concessions included in the estimate of the transaction price are based on Northwell's historical collection experience for applicable patient portfolios.

Generally, Northwell bills patients and third-party payers several days after the services are performed and/or the patient is discharged. Patient Revenue is recognized as performance obligations are satisfied. Performance obligations are determined based on the nature of the services provided by Northwell. Patient Revenue for performance obligations satisfied over time is recognized based on actual charges incurred in relation to total charges. Northwell believes that this method provides a reasonable depiction of the transfer of services over the term of the performance obligation based on the services needed to satisfy the obligation. Generally, performance obligations satisfied over time relate to patients receiving inpatient services or patients receiving services in Northwell's outpatient and ambulatory care centers. Northwell measures the performance obligation from admission into the hospital or the commencement of an outpatient or physician service to the point when it is no longer required to provide services to that patient, which is generally at the time of discharge or the completion of the outpatient or physician visit.

Notes to Consolidated Financial Statements (continued) (In Thousands)

3. Accounts Receivable and Patient Revenue (continued)

Substantially all of Northwell's performance obligations relate to contracts with a duration of less than one year; the unsatisfied or partially unsatisfied performance obligations referred to below are primarily related to inpatient services at the end of the reporting period for patients who remain admitted at that time (in-house patients). As such, accounts receivable related to in-house patients are considered contract assets as the performance obligation is not completed until the patients are discharged which, for the majority of the in-house patients, occurs within days or weeks after the end of the reporting period and at which point Northwell has the right to bill.

At December 31, 2022 and 2021, accounts receivable for services to patients, net is comprised of the following components:

	2022	2021
Receivables for services to patients Contract assets (for in-house patients)	\$ 1,548,153 108,122	\$ 1,460,588 107,752
	\$ 1,656,275	\$ 1,568,340

Subsequent changes to the estimate of the transaction price (determined on a portfolio basis when applicable) are generally recorded as adjustments to Patient Revenue in the period of the change. For the years ended December 31, 2022 and 2021, changes in Northwell's estimates of implicit price concessions, discounts, contractual adjustments or other reductions to expected payments for performance obligations satisfied in prior years were not significant. Portfolio collection estimates are updated periodically based on collection trends. Subsequent changes that are determined to be the result of an adverse change in the patient's ability to pay (determined on a portfolio basis when applicable) are recorded as bad debt expense in supplies and expenses in the accompanying consolidated statements of operations. Bad debt expense and the related allowance for uncollectible accounts for the years ended and as of December 31, 2022 and 2021 were not significant.

Northwell has determined that the nature, amount, timing and uncertainty of revenue and cash flows are primarily affected by its mix of payers and services.

Notes to Consolidated Financial Statements (continued) (In Thousands)

3. Accounts Receivable and Patient Revenue (continued)

Patient Revenue for the years ended December 31, 2022 and 2021, by primary payer, is approximately as follows:

	2022	2021
Medicare and Medicare managed care Medicaid and Medicaid managed care Self-pay Other third-party payers	\$ 4,620,000 1,849,000 77,000 7,420,000	\$ 4,204,000 1,826,000 68,000 7,062,000
	\$ 13,966,000	\$ 13,160,000

Deductibles, copayments and coinsurance under third-party payment programs which are the patient's responsibility are included within the appropriate primary payer category above.

Patient Revenue for the years ended December 31, 2022 and 2021, disaggregated by lines of service, is as follows:

	 2022	2021
Net patient service revenue:		
Hospitals	\$ 10,863,273	\$ 10,284,049
Joint venture ambulatory surgery centers	99,840	76,603
Stern (skilled nursing facility and rehabilitation		
center)	57,778	48,547
Hospice Care Network	43,577	48,681
RegionCare, Inc.	44,714	47,223
Other	20,423	18,582
Net patient service revenue	 11,129,605	10,523,685
Physician practice revenue	2,836,642	2,636,603
Total patient revenue	\$ 13,966,247	\$ 13,160,288

Notes to Consolidated Financial Statements (continued) (In Thousands)

3. Accounts Receivable and Patient Revenue (continued)

Third-Party Payment Programs

Northwell has agreements with third-party payers that provide for payment for services rendered at amounts different from its established charges. A summary of the payment arrangements with major third-party payers follows:

Non-Medicare

In New York State, hospitals and all non-Medicare payers (including Medicare and Medicaid managed care plans), except Medicaid, workers' compensation and no-fault insurance programs, negotiate payment rates. If negotiated rates are not established, payers are billed at hospitals' established charges. Medicaid, workers' compensation and no-fault payers pay hospital rates promulgated by the New York State Department of Health (NYSDOH). Payments to hospitals for Medicaid, workers' compensation and no-fault inpatient services are based on a statewide prospective payment system, with retroactive and/or prospective adjustments for certain rate components paid concurrently with the settlement of the final rate. Outpatient services also are paid based on a statewide prospective system. Medicaid rate methodologies are subject to approval at the federal level by the Centers for Medicare and Medicaid Services (CMS), which may routinely request information about such methodologies prior to approval. Revenue related to specific rate components that have not been approved by CMS is not recognized until Northwell is reasonably assured that such amounts are realizable. Adjustments to the current and prior years' payment rates for those payers will continue to be made in future years.

Medicare

Hospitals are paid for most Medicare inpatient and outpatient services under national prospective payment systems and other methodologies of the Medicare program for certain other services. Federal regulations provide for certain adjustments to current and prior years' payment rates, based on industry-wide and Northwell-specific data.

Notes to Consolidated Financial Statements (continued) (In Thousands)

3. Accounts Receivable and Patient Revenue (continued)

Northwell has established estimates, based on information presently available, of amounts due to or from Medicare and non-Medicare payers for adjustments to current and prior years' payment rates, based on industry-wide and Northwell-specific data. The current Medicaid, Medicare and other third-party payer programs are based upon extremely complex laws and regulations that are subject to interpretation. Noncompliance with such laws and regulations could result in fines, penalties and exclusion from such programs. Northwell is not aware of any allegations of noncompliance that could have a material adverse effect on the accompanying consolidated financial statements and believes that it is in compliance with all applicable laws and regulations. Medicare cost reports, which are filed individually by the applicable Northwell entities and serve as the basis for final settlement with the Medicare program, have been audited by the Medicare fiscal intermediary and settled through years ranging from 2000 to 2020. Other years remain open for audit and settlement, as do certain issues related to the New York State Medicaid program for prior years. As a result, there is at least a reasonable possibility that recorded estimates will change by a material amount when open years are settled and additional information is obtained.

Settlements with third-party payers for cost report filings and retroactive adjustments due to ongoing and future audits, reviews or investigations are considered variable consideration and are included in the determination of Patient Revenue. These settlements are estimated based on the terms of the payment agreement with the payer, correspondence from the payer and Northwell's historical settlement activity (for example, cost report final settlements or repayments related to recovery audits), including an assessment to ensure that it is probable that a significant reversal in the amount of cumulative revenue recognized will not occur when the uncertainty associated with the retroactive adjustment is subsequently resolved. Such estimates are determined through either a probability-weighted estimate or an estimate of the most likely amount, depending on the circumstances related to a given estimated settlement item. Estimated settlements are adjusted in future periods as adjustments become known (that is, new information becomes available), or as years are settled or are no longer subject to such audits, reviews and investigations. Changes in estimates relating to prior year settlements were not significant for the years ended December 31, 2022 and 2021.

Notes to Consolidated Financial Statements (continued) (In Thousands)

3. Accounts Receivable and Patient Revenue (continued)

There are various proposals at the federal and state levels that could, among other things, significantly reduce payment rates or modify payment methods. The ultimate outcome of these proposals and other market changes, including the potential effects of revisions to health care regulations that may be enacted by the federal and state governments, cannot presently be determined. Future changes in the Medicare and Medicaid programs and any reduction of funding could have an adverse impact on Northwell. Additionally, certain payers' payment rates for various years have been appealed by certain members of Northwell. If the appeals are successful, additional income applicable to those years could be realized.

Northwell grants credit without collateral to its patients, most of whom are insured under various third-party agreements. The significant concentrations of accounts receivable for services to patients, net at December 31, 2022 and 2021 were as follows:

	December 31			
	2022	2021		
Medicare and Medicare managed care	32%	32%		
Medicaid and Medicaid managed care	20	19		
Self-pay (including balances after insurance)	4	4		
Other third-party payers	44	45		
	100%	100%		

Charity Care

Together, charity care, implicit price concessions and bad debt expense represent uncompensated care. The estimated cost of total uncompensated care was approximately \$373,000 and \$362,000 for the years ended December 31, 2022 and 2021, respectively. The estimated cost of charity care provided was approximately \$274,000 and \$260,000 for the years ended December 31, 2022 and 2021, respectively. The estimated cost of uncompensated care and charity care is based on the ratio of cost to charges, as determined using Northwell-specific data.

The NYSDOH Hospital Indigent Care Pool (the Pool) was established to provide funds to hospitals for the provision of uncompensated care and is funded, in part, by a 1% assessment on hospital net inpatient service revenue. For the years ended December 31, 2022 and 2021, Northwell received \$82,615 and \$66,378, respectively. Northwell made payments into the Pool of \$67,887 and \$64,679 for the years ended December 31, 2022 and 2021, respectively, for the 1% assessment.

Notes to Consolidated Financial Statements (continued) (In Thousands)

4. Cash, Investments and Liquidity

Northwell's cash, cash equivalents and investments are reported in the consolidated statements of financial position as presented below at December 31, 2022 and 2021:

	2022	2021
Cash and cash equivalents	\$ 762,894	\$ 578,168
Short-term investments	3,348,441	4,376,827
Long-term investments	3,412,416	3,833,609
Total cash, cash equivalents and investments	7,523,751	8,788,604
Less assets limited as to use:		
Management designated malpractice and other		
self-insurance assets	1,490,302	1,280,356
Management designated assets to repay Medicare		
advances	_	635,790
Other management designated assets*	1,374,649	1,921,169
Donor restricted assets	352,517	410,094
Deferred employee compensation plan assets	347,263	380,941
Assets under bond indentures and other	297,510	83,216
Total assets limited as to use	3,862,241	4,711,566
Total unrestricted cash, cash equivalents and investments	\$ 3,661,510	\$ 4,077,038

^{*} Other management designated assets include sinking funds established to repay Northwell's taxable debt, amounts designated to fund future capital expenditures and at December 31, 2021, amounts deferred under the CARES Act FICA employer tax deferral program.

The total unrestricted cash, cash equivalents and investments is used in Northwell's days cash on hand calculation, a required financial ratio for certain debt compliance covenants (see Note 8).

Short-term investments include \$529,535 and \$968,983 of assets limited as to use at December 31, 2022 and 2021, respectively. Long-term investments include \$3,332,706 and \$3,742,583 of assets limited as to use at December 31, 2022 and 2021, respectively.

Notes to Consolidated Financial Statements (continued) (In Thousands)

4. Cash, Investments and Liquidity (continued)

Cash and cash equivalents, short-term investments and long-term investments, stated on the applicable measurement basis as described in Note 2, consist of the following at December 31, 2022:

		Total	Unrestricted Cash and Investments		Li	Assets mited as to Use
Cash and cash equivalents (including						
amounts in the investment portfolio)	\$	1,130,708	\$	948,156	\$	182,552
U.S. Government obligations	_	486,446	-	231,735	-	254,711
Corporate and other bonds		466,307		377,654		88,653
Fixed income mutual funds		403,346		325,898		77,448
Commingled fixed income funds		403,290		-		403,290
Convertible securities		167,350		116,180		51,170
Equity securities		1,573,311		1,095,398		477,913
Equity mutual funds		1,030,880		556,077		474,803
Commingled equity funds		421,389		, <u> </u>		421,389
Target-age mutual funds		123,626		_		123,626
Funds of hedge funds		735,692		_		735,692
Hedge funds		282		_		282
Private equity investments		88,239		_		88,239
Private real estate funds		19,113		_		19,113
Private credit funds		45,083		_		45,083
Non-clinical joint venture investments		66,867		_		66,867
Accrued interest and other		361,822		10,412		351,410
	\$	7,523,751	\$	3,661,510	\$	3,862,241

Notes to Consolidated Financial Statements (continued) (In Thousands)

4. Cash, Investments and Liquidity (continued)

Cash and cash equivalents, short-term investments and long-term investments, stated on the applicable measurement basis as described in Note 2, consist of the following at December 31, 2021:

		Total	Unrestricted Cash and Investments		Li	Assets imited as to Use
Cosh and each equivalents (including		1 Utai	11	1462111161118		USE
Cash and cash equivalents (including	\$	1,024,899	\$	222 72 <i>1</i>	\$	202,175
amounts in the investment portfolio)	Ф		Ф	822,724	Ф	•
U.S. Government obligations		554,834		413,528		141,306
Corporate and other bonds		855,503		638,488		217,015
Fixed income mutual funds		726,628		553,736		172,892
Commingled fixed income funds		914,609		_		914,609
Equity securities		1,642,491		1,050,429		592,062
Equity mutual funds		1,191,878		588,168		603,710
Commingled equity funds		415,480		_		415,480
Target-age mutual funds		131,387		_		131,387
Funds of hedge funds		978,053		_		978,053
Hedge funds		519		_		519
Private equity investments		43,463		_		43,463
Private real estate funds		10,005		_		10,005
Private credit funds		24,906		_		24,906
Non-clinical joint venture investments		47,168		_		47,168
Accrued interest and other		226,781		9,965		216,816
	\$	8,788,604	\$	4,077,038	\$	4,711,566

Notes to Consolidated Financial Statements (continued) (In Thousands)

4. Cash, Investments and Liquidity (continued)

Investment income and the change in net unrealized gains and losses and change in value of equity method investments are comprised of the following for the years ended December 31, 2022 and 2021:

Without Donor With Donor Restrictions Restrictions		Total
Investment income: Interest and dividend income, net of fees Net realized gains and losses Less interest and dividend income included in 1,527 (37,500) 5,912		76,482 (31,588)
other operating revenue (24,055)		(24,055)
<u>\$ 13,400 \$ 7,439</u>	\$	20,839
Change in net unrealized gains and losses and change in value of equity method investments:	. •	(1.012.240)
Change in net unrealized gains and losses \$ (960,221) \$ (53,127) Equity method investment gains and losses (91,407) (5,009)		(1,013,348)
	_	$\frac{(96,416)}{(1,109,764)}$
	<u> </u>	
Restrictions Restrictions		Total
Investment income: Interest and dividend income, net of fees Net realized gains and losses Less interest and dividend income included in other operating revenue Second Secon		418,830 (21,168)
Change in net unrealized gains and losses and change in value of equity method investments:		(15,850)
	D.	(12.020)
		43,072

Notes to Consolidated Financial Statements (continued) (In Thousands)

4. Cash, Investments and Liquidity (continued)

Liquidity

Financial assets available for general expenditure within one year of the consolidated statement of financial position date consist of the following at December 31, 2022 and 2021:

	 2022	2021
Cash and cash equivalents	\$ 762,894	\$ 578,168
Short-term investments	2,818,906	3,407,844
Accounts receivable for services to patients, net	1,656,275	1,568,340
Accounts receivable for physician activities, net	368,443	309,853
	\$ 5,606,518	\$ 5,864,205

In addition to the assets above, Northwell also has assets limited as to use of \$529,535 and \$968,983 included within short-term investments on the accompanying consolidated statements of financial position at December 31, 2022 and 2021, respectively, which are designated to be used within the next year for specified purposes. Also, included within long-term investments on the accompanying consolidated statements of financial position at December 31, 2022 and 2021 are certain management designated assets limited as to use not currently available for general expenditure within the next year, but which could be made available if necessary. Refer to Note 2 for further discussion of assets limited as to use.

As part of Northwell's liquidity management plan, cash in excess of daily requirements is invested in marketable securities and other investments.

Additionally, Northwell has entered into various unsecured revolving credit facilities with commercial banks, as discussed in more detail in Note 8. As of December 31, 2022 and 2021, \$266,137 and \$224,848, respectively, remain available on such arrangements.

Notes to Consolidated Financial Statements (continued) (In Thousands)

5. Pledges Receivable

Pledges receivable at December 31, 2022 and 2021 consist of the following:

	 2022	2021
Amounts expected to be collected in:		
Less than one year	\$ 79,457 \$	76,094
One to five years	106,075	120,711
More than five years	35,034	34,269
	 220,566	231,074
Less:		
Discount to present value future cash flows (discount		
rates ranging from 0.4% to 4.4%)	12,978	13,676
Allowance for uncollectible amounts	38,163	35,976
Current portion of pledges receivable	 55,140	54,323
Pledges receivable, net of current portion	\$ 114,285 \$	127,099

6. Property, Plant and Equipment

Property, plant and equipment and accumulated depreciation and amortization at December 31, 2022 and 2021 are summarized as follows:

	 2022	2021
Land	\$ 784,753	\$ 782,085
Land improvements	31,661	28,905
Buildings and fixed equipment	5,320,483	4,921,786
Movable equipment	2,900,186	2,653,937
Leasehold improvements	36,994	35,024
	 9,074,077	8,421,737
Less accumulated depreciation and amortization	 3,474,375	3,124,024
	5,599,702	5,297,713
Construction and other projects-in-progress	 1,159,571	949,097
	\$ 6,759,273	\$ 6,246,810

Northwell wrote off approximately \$271,000 and \$245,000 of fully depreciated assets in 2022 and 2021, respectively.

Notes to Consolidated Financial Statements (continued) (In Thousands)

6. Property, Plant and Equipment (continued)

Net interest capitalized for the years ended December 31, 2022 and 2021 was approximately \$32,000 and \$16,000, respectively.

At December 31, 2022, Northwell is committed to pay approximately \$200,000 for future work on certain construction and other projects in progress.

7. Leases

Northwell leases certain medical offices, administrative offices and equipment under finance and operating leases. At the inception of a contract, a determination is made if the arrangement is or contains a lease. Leases are classified as either finance or operating leases, based on the underlying terms of the agreement and certain criteria, such as the term of the lease relative to the useful life of the asset and the total lease payments to be made as compared to the fair value of the asset, among other criteria.

As of December 31, 2022 and 2021, assets acquired under finance leases of \$252,036 and \$210,933, respectively, and accumulated amortization associated with finance leases of \$34,129 and \$32,387, respectively, are recorded in property, plant and equipment, net in the consolidated statements of financial position.

Northwell's right-of-use assets pertaining to operating leases represent the right to use the agreement's underlying assets for the lease term, and the corresponding lease liabilities represent the obligation to make lease payments arising from the lease. Such right-of-use assets and lease liabilities are recognized at the lease's commencement date at the present value of lease payments over the lease term for leases with initial terms greater than one year. The present value of lease payments is calculated by utilizing the discount rate implicit in the lease, when readily determinable. For leases for which this rate is not readily determinable, Northwell uses its incremental borrowing rate for financing over a comparable period as the discount rate. A right-of-use asset and lease liability are not recognized for leases with an initial term of 12 months or less. Northwell recognizes lease expense for operating leases over the lease term within supplies and expenses on the consolidated statements of operations. The deferred rent liability resulting from recording operating lease expense using the straight-line method is reported as a reduction to the right-of-use assets – operating leases line of the accompanying consolidated statements of financial position.

Notes to Consolidated Financial Statements (continued) (In Thousands)

7. Leases (continued)

Northwell's operating and finance leases have remaining lease terms, ranging from less than one year to sixty-two years, some of which may include options to extend. Lease payments related to periods subject to renewal options are excluded from the amounts used to determine the right-of-use assets and lease liabilities, unless Northwell is reasonably certain to exercise the option to extend the lease. Northwell's leases may also include variable lease payments. Variable lease payments are excluded from the amounts used to determine the right-of-use leased assets and liabilities, unless the variable lease payments depend on an index or rate or are in substance fixed payments.

Northwell does not separate lease components from non-lease components in contracts in the accounting for its lease payments. As such, Northwell accounts for the applicable non-lease components (e.g., fixed common area maintenance costs) together with the related lease components when determining the right-of-use assets and lease liabilities.

The components of lease cost included in the accompanying consolidated statements of operations for the years ended December 31, 2022 and 2021 are as follows:

	 2022	2021
Finance lease cost:		
Amortization of assets acquired under finance leases	\$ 12,263	\$ 10,687
Interest on finance lease obligations	17,560	16,413
Operating lease cost:		
Lease cost – leases with terms greater than one year	201,544	190,646
Short-term lease cost	5,121	5,980
Variable lease cost	35,980	35,318
Total lease cost	\$ 272,468	\$ 259,044

Notes to Consolidated Financial Statements (continued) (In Thousands)

7. Leases (continued)

Other information related to leases and supplemental cash flows as of and for the years ended December 31, 2022 and 2021 are as follows:

	 2022	2021
Operating cash flows for interest on finance leases Operating cash flows for operating leases* Financing cash flows for finance leases	\$ 17,560 \$ 186,805 5,936	16,413 183,946 7,197
Assets acquired under new finance lease obligations Right-of-use leased assets obtained in exchange for new or amended operating lease obligations	51,624 279,306	255,605
Weighted-average remaining lease term: Finance leases Operating leases	24 years 10 years	25 years 10 years
Weighted-average discount rate: Finance leases Operating leases	7.1% 3.6%	7.6% 3.5%

^{*} Cash flows relating to operating lease costs for leases with terms greater than one year. Excludes variable lease costs.

Notes to Consolidated Financial Statements (continued) (In Thousands)

7. Leases (continued)

The following table reconciles the undiscounted future lease payments to the lease obligations recorded on the accompanying consolidated statement of financial position at December 31, 2022:

	Operating		Finance
2023	\$	179,553 \$	24,987
2024	Ψ	169,944	24,896
2025		156,982	24,380
2026		140,900	23,398
2027		123,071	22,811
Thereafter		659,432	482,351
Total minimum future payments		1,429,882	602,823
Less interest		260,304	304,325
Less net unamortized issuance costs		_	1,748
Total liabilities		1,169,578	296,750
Less current portion		141,319	7,020
Long-term liabilities	\$	1,028,259 \$	289,730

8. Debt

Long-Term Debt

Long-term debt at December 31, 2022 and 2021 consists of the following:

	2022	2021
Bonds payable at varying dates through May 2052,		
at fixed and variable interest rates ranging from 1.80%		
to 6.15%	\$ 3,867,683 \$	3,158,717
Other long-term debt payable at varying dates through		
September 2045 at variable and fixed interest rates ranging		
from 2.00% to 5.27%	460,861	473,073
Total long-term debt	4,328,544	3,631,790
Less current portion of bonds payable	46,996	31,222
Less current portion of other long-term debt	33,357	33,191
Less net unamortized debt issuance costs	25,829	22,876
Add net unamortized bond (discount) premium	(6,235)	35,426
Long-term debt, net of current portion	\$ 4,216,127 \$	3,579,927

Notes to Consolidated Financial Statements (continued) (In Thousands)

8. Debt (continued)

Annual aggregate principal payments applicable to long-term debt for years subsequent to December 31, 2022 are as follows:

			Other	
	Bonds	L	ong-Term	
	 Payable		Debt	Total
Year ended December 31:				
2023 ^(a)	\$ 46,996	\$	33,357	\$ 80,353
2024 ^(b)	24,248		32,200	56,448
2025	23,571		32,349	55,920
2026 ^(c)	24,683		33,196	57,879
2027	134,301		37,142	171,443
Thereafter	 3,613,884		292,617	3,906,501
	\$ 3,867,683	\$	460,861	\$ 4,328,544

⁽a) 2023 principal payments noted above include \$19,140 of Mather Series 2013 bonds with maturities ranging from 2023 through 2043, where Mather is party to a direct purchase agreement with a commercial bank expiring in 2023.

Most of Northwell's debt arrangements include security agreements of various types. The agreements include, among other provisions, the pledging as collateral certain assets and revenues, and limitations on the use of assets, including restrictions on the transfer of assets to entities outside Northwell. At December 31, 2022 and 2021, the majority of Northwell's assets were pledged as collateral under the terms of various debt agreements. In addition, certain debt agreements contain covenants related to the maintenance of financial ratios, including debt service coverage ratios and days cash on hand, and the maintenance of certain debt service and other reserve funds included in assets limited as to use. At December 31, 2022 and 2021, Northwell was in compliance with the financial covenants.

⁽b) \$53,725 of Series 2019B-2 bonds subject to mandatory tender for purchase on May 1, 2024 are excluded from the 2024 principal payments noted above. Northwell has an option to refinance these bonds at that date.

⁽c) \$53,725 of Series 2019B-3 bonds subject to mandatory tender for purchase on May 1, 2026 are excluded from the 2026 principal payments noted above. Northwell has an option to refinance these bonds at that date.

Notes to Consolidated Financial Statements (continued) (In Thousands)

8. Debt (continued)

Bonds Payable

Bonds payable by Northwell consist of the following at December 31, 2022:

	Interest Structure	Final Maturity	utstanding Principal
Obligated Group		<u> </u>	•
Series 2022A	Fixed	2052	\$ 820,000
Series 2019A (taxable)	Fixed	2049	447,675
Series 2019A	Fixed	2033	17,270
Series 2019B	Fixed	2048 (e)	161,180
Series 2017A (taxable)	Fixed	2047	956,919
Series 2016A (taxable)	Fixed	2046	500,000
Series 2015A	Fixed	2043	436,820
Series 2013A (taxable)	Fixed	2043	250,000
Series 2012A	Fixed	2023	1,660
Series 2012B (taxable)	Fixed	2042	135,000
Series 2009B	Fixed	2039	26,000
Series 2009C	Fixed	2039	19,500
Series 2009D	Fixed	2039	19,500
Other			
Phelps Series 2013 (a)	Fixed	2038	8,960
Phelps Series 2005 A and B (a)	Fixed	2030	12,235
Northern Westchester Series 2014 A and B (b)	Fixed	2039	26,219
Northern Westchester Series 2009 (b)	Variable	2032	7,245
Northern Westchester Series 2004 (b)	Variable (d)	2024	2,360
Mather Series 2013 (c)	Variable (d)	2043	19,140
			\$ 3,867,683

⁽a) Phelps is party to direct purchase agreements with a commercial bank expiring in 2025 and 2030 for its Series 2013 and Series 2005 A and B bonds, respectively.

⁽b) Northern Westchester is party to direct purchase agreements with two commercial banks expiring in 2024 for its Series 2014 Series bonds. Northern Westchester's Series 2009 and 2004 bonds are backed by commercial bank direct pay letters of credit expiring in 2027 and 2024, respectively.

⁽c) Mather is party to a direct purchase agreement with a commercial bank expiring in 2023 for its Series 2013 bonds.

⁽d) Variable rate debt is swapped to a fixed rate via interest rate swap agreements.

⁽e) \$53,725, \$53,725 and \$53,730 subject to mandatory tender for purchase on May 1, 2024, May 1, 2026 and November 1, 2028, respectively.

Notes to Consolidated Financial Statements (continued) (In Thousands)

8. Debt (continued)

The Series 2019A, 2017A, 2016A, 2013A and 2012B taxable bonds were issued by HCI as a joint and several obligation of the Obligated Group. The bonds of Phelps, Northern Westchester and Mather are tax-exempt and are not obligations of the Obligated Group. All other bonds are tax-exempt and were issued through the Dormitory Authority of the State of New York (DASNY) on behalf of the Obligated Group.

In March 2022, Peconic entered into a term loan agreement with a commercial bank for \$24,994. The loan bears interest at a fixed rate, payable quarterly, with a final maturity date of July 1, 2032. The proceeds from the term loan were used to refund all of Peconic's outstanding Series 2006 A and B and Series 2007 D bonds, as well as to terminate the interest rate swap agreement on those refunded bonds.

In May 2022, the Obligated Group issued \$820,000 of tax-exempt revenue bonds through the DASNY Series 2022A bonds. The DASNY Series 2022A bonds were sold with a net original issue discount of \$35,121 and bear interest at a fixed rate, payable semi-annually, with a final maturity date of May 1, 2052. A portion of the proceeds from the DASNY Series 2022A bonds, along with existing trustee-held Series 2009B, Series 2009C and Series 2009D debt service funds, were used to refund \$60,000 in Series 2009B, Series 2009C and Series 2009D bonds of the Obligated Group. The remaining proceeds were and will be used to finance capital projects for certain members of the Obligated Group.

Notes to Consolidated Financial Statements (continued) (In Thousands)

8. Debt (continued)

Other Long-Term Debt

Other long-term debt consists of the following at December 31, 2022:

	Interest Structure	Final Maturity	itstanding Principal
Obligated Group 2014 Private Placement Notes Payable	Fixed	2030	\$ 207,550
Other LIJMC's Center for Advanced Medicine			
Mortgage	Fixed	2045	184,915
Real Estate Financing	Fixed	2045	24,305
Staten Island Term Loan	Fixed	2023	2,000
Lenox Mortgage	Variable	2029 ^(a)	12,888
Peconic Term Loan	Fixed	2032	23,116
Other Loans	Fixed	2026	6,087
			\$ 460,861

⁽a) In January 2023, the Lenox mortgage was repaid in full.

Short-Term Borrowings

Certain members of Northwell have entered into several committed unsecured revolving credit facilities with commercial banks with commitment availability through dates currently ranging from April 30, 2023 to November 1, 2024. Borrowings under these credit facilities are short-term and are primarily used to provide interim financing for capital projects, with repayment to be provided from bond proceeds and/or the receipt of fundraising proceeds from capital campaigns. Additionally, amounts can be used to provide backup financing for the support of the certificate of need process as required by the NYSDOH and short-term working capital to support the monthly operating cash conversion cycle. Total credit available under such arrangements was \$674,158 and \$634,158 at December 31, 2022 and 2021, respectively. Balances outstanding from these borrowings were \$408,021 and \$409,310 at December 31, 2022 and 2021, respectively.

Notes to Consolidated Financial Statements (continued) (In Thousands)

9. Fair Values of Financial Instruments

For assets and liabilities required to be measured at fair value, Northwell measures fair value based on the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements are applied based on the unit of account from Northwell's perspective. The unit of account determines what is being measured by reference to the level at which the asset or liability is aggregated (or disaggregated) for purposes of applying other accounting pronouncements.

Northwell follows a valuation hierarchy that prioritizes observable and unobservable inputs used to measure fair value into three broad levels, which are described below:

- Level 1: Quoted prices (unadjusted) in active markets that are accessible at the measurement date for identical assets or liabilities.
- Level 2: Observable inputs that are based on inputs not quoted in active markets, but corroborated by market data.
- Level 3: Unobservable inputs are used when little or no market data is available.

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement. In determining fair value, Northwell uses valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible and considers nonperformance risk in its assessment of fair value.

A financial instrument's categorization within the three levels of the valuation hierarchy is not indicative of the investment risk associated with the underlying assets.

Notes to Consolidated Financial Statements (continued) (In Thousands)

9. Fair Values of Financial Instruments (continued)

Financial assets carried at fair value as of December 31, 2022 are classified in the following table in one of the three categories described previously:

			20	22		
		Level 1	Level 2		Level 3	Total
Assets						
Cash and cash equivalents						
(including amounts in the						
investment portfolio)	\$	1,130,708	\$ _	\$	- \$	1,130,708
Fixed income obligations:						
U.S. Government obligations		277,457	208,989		_	486,446
Corporate and other bonds		_	466,307		_	466,307
Fixed income mutual funds		403,346	_		_	403,346
Commingled fixed income						
funds*		_	280,009		_	280,009
Convertible securities		167,350	_		_	167,350
Equity securities:						
Value		716,476	_		_	716,476
Small cap		255,997	_		_	255,997
Global		382,590	_		_	382,590
Growth		218,248	_		_	218,248
Equity mutual funds		1,030,880	_		_	1,030,880
Commingled equity funds*		_	324,655		_	324,655
Target-age mutual funds		123,626	_		_	123,626
Accrued interest and other		23,965	_		_	23,965
	\$	4,730,643	\$ 1,279,960	\$	- \$	6,010,603

Notes to Consolidated Financial Statements (continued) (In Thousands)

9. Fair Values of Financial Instruments (continued)

Financial assets carried at fair value as of December 31, 2021 are classified in the following table in one of the three categories described previously:

	2021						
		Level 1	·	Level 2	•	Level 3	Total
Assets							
Cash and cash equivalents (including amounts in the							
investment portfolio)	\$	1,024,899	\$	_	\$	- \$	1,024,899
Fixed income obligations:							
U.S. Government obligations		180,646		374,188		_	554,834
Corporate and other bonds		_		855,503		_	855,503
Fixed income mutual funds		726,628		_		_	726,628
Commingled fixed income							
funds*		_		285,769		_	285,769
Equity securities:							
Value		782,783		_		_	782,783
Small cap		258,701		_		_	258,701
Global		386,779		_		_	386,779
Growth		214,228		_		_	214,228
Equity mutual funds		1,191,878		_		_	1,191,878
Commingled equity funds*		_		323,014		_	323,014
Target-age mutual funds		131,387		_		_	131,387
Accrued interest and other		18,438		_		_	18,438
	\$	4,916,367	\$	1,838,474	\$	- \$	6,754,841

^{*} Certain of Northwell's commingled fixed income and commingled equity fund investments are valued based on inputs not quoted in active markets, but corroborated by market data, while other commingled fixed income and commingled equity fund investments are recorded on the equity method of accounting and excluded from the fair value tables above.

Fair value for Level 1 is based upon quoted market prices. Fair value for Level 2 is based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active and model-based valuation techniques for which all significant assumptions are observable in the market or can be corroborated by observable market data for substantially the full term of the investment.

Notes to Consolidated Financial Statements (continued) (In Thousands)

9. Fair Values of Financial Instruments (continued)

The amounts reported in the previous tables exclude certain amounts reported as investments, including investments under the equity method or at Adjusted Cost in the amounts of \$1,513,148 and \$2,033,763 at December 31, 2022 and 2021, respectively (see Notes 2 and 4), and assets invested in Northwell's pension plans (see Note 10).

10. Pension Plans and Other Postretirement Benefits

Pension Plans

Northwell maintains several pension plans for its employees. The following are descriptions of such plans and the respective pension expense for the years ended December 31, 2022 and 2021.

Certain members of Northwell provide pension and similar benefits to its employees through defined contribution plans. Contributions to the defined contribution plans are based on percentages of annual salaries. It is the policy of these members to fund accrued costs under these plans on a current basis. Pension expense for 2022 and 2021 related to the defined contribution plans amounted to \$287,548 and \$220,166, respectively.

Certain members of Northwell contribute to various multiemployer defined benefit pension plans under the terms of collective-bargaining agreements that cover union-represented employees. The risks of participating in these multiemployer plans are different from single-employer plans in the following aspects:

- a. Assets contributed to the multiemployer plan by one employer may be used to provide benefits to employees of other participating employers.
- b. If a participating employer stops contributing to the plan, the unfunded obligations of the plan may be borne by the remaining participating employers.
- c. If Northwell stops participating in any of its multiemployer plans, it may be required to pay those plans an amount based on the underfunded status of the plan, referred to as a withdrawal liability.

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

Northwell's significant participation in certain multiemployer plans for the annual period ended December 31, 2022 is outlined in the following table. The following information for the 1199SEIU Health Care Employees Pension Fund (the 1199 Plan) and the New York State Nurses Association Pension Plan (the NYSNA Plan) is included within the table:

- a. The "EIN/Pension Plan Number" column provides the plans' Employee Identification Number (EIN) and the three-digit plan number.
- b. The most recent "Pension Protection Act Zone Status" available in 2022 and 2021 is for a plan's year-end at December 31, 2021 and 2020, respectively, and is based on information that Northwell received from the plans and is certified by the plans' actuaries. Among other factors, plans in the red zone are generally less than 65% funded, plans in the yellow zone are less than 80% funded and plans in the green zone are at least 80% funded.
- c. The "FIP/RP Status Pending/Implemented" column indicates plans for which a financial improvement plan (FIP) or a rehabilitation plan (RP) is either pending or has been implemented.
- d. The last column lists the expiration dates of the collective bargaining agreements to which the plans are subject.

	EIN/Pension Plan	Act Zone S		FIP/RP Status Pending/	Contributions of Northwell		Surcharge	Expiration Date of Collective-Bargaining	
Pension Fund	Number	2022	2021	Implemented		2022	2021	Imposed	Agreements
1199 Plan ^(a)	13-3604862/001	Green as G		N/A	\$	100,951 \$	104,574	No	11/30/2024 to 9/30/2026
NYSNA Plan ^(a)	13-6604799/001	Green as G of 1/1/22 of		N/A	\$	16,269 \$	16,092	No	12/31/2023 to 11/4/2025

⁽a) Northwell was listed in the 1199 and NYSNA plans' Forms 5500 as providing more than 5% of the total contributions during each of the plans' 2021 and 2020 plan years. Forms 5500 are not yet available for the plan year ended in 2022.

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

In addition to the plans noted in the table above, Northwell also participates in several other multiemployer plans. Contributions for these other plans totaled \$987 and \$994 for the years ended December 31, 2022 and 2021, respectively.

Northwell maintains various deferred compensation plans pursuant to Section 457(b) of the Code (the 457(b) Plans). Eligible employees may defer compensation under a salary reduction agreement, subject to certain dollar limitations. Non-elective employer contributions may also be made for some of the 457(b) Plans. Payments upon retirement or termination of employment are based on amounts credited to the individual accounts. The assets and corresponding liability for the 457(b) Plans and other deferred compensation plans, included in long-term investments and accrued retirement benefits in the accompanying consolidated statements of financial position, totaled \$347,263 and \$380,941 at December 31, 2022 and 2021, respectively.

Defined Benefit Pension Plans

Certain employees are covered by noncontributory defined benefit pension plans (the Plans), with the Northwell Health Pension Plan (the Northwell Plan, and formerly the Northwell Health Cash Balance Plan) being the primary plan. Northwell recognizes the funded status (i.e., the difference between the fair value of plan assets and the projected benefit obligations) of the Plans in its consolidated statements of financial position.

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

The following tables provide a reconciliation of the changes in the Plans' aggregated projected benefit obligation and fair value of plan assets for the years ended December 31, 2022 and 2021 and the funded status and accumulated benefit obligation of the Plans as of December 31, 2022 and 2021:

	2022	2021
Reconciliation of the projected benefit obligation		
Obligation at January 1	\$ 3,183,179	\$ 3,113,546
Service cost	109,216	115,268
Interest cost	96,590	86,450
Plan amendments	2,976	44,605
Actuarial gain	(655,204)	(51,368)
Benefit payments	(135,244)	(124,410)
Settlements	 _	(912)
Obligation at December 31	\$ 2,601,513	\$ 3,183,179
Reconciliation of fair value of plan assets Fair value of plan assets at January 1 Actual return on plan assets Employer contributions Benefit payments Settlements	\$ 2,986,393 (363,350) 14,449 (135,244)	
Fair value of plan assets at December 31	\$ 2,502,248	\$ 2,986,393
Funded status Funded status at December 31	\$ (99,265)	\$ (196,786)
Accumulated benefit obligation at December 31	\$ 2,483,201	\$ 2,983,505

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

The current portion of accrued retirement benefits related to the Plans, included in accrued salaries and related benefits in the accompanying consolidated statements of financial position, is \$1,456 and \$852 at December 31, 2022 and 2021, respectively. At December 31, 2022 and 2021, certain Northwell entities were funded with plan assets at a level exceeding their respective projected benefit obligation. As a result, their funded status of \$15,081 and \$16,449 are included in other assets in the accompanying consolidated statements of financial position as of December 31, 2022 and 2021, respectively.

The actuarial gains in 2022 and 2021 are primarily due to changes in the discount rate used in the measurement of the Plans' benefit obligation.

Included in net assets without donor restrictions at December 31, 2022 and 2021 are the following amounts related to the Plans that have not yet been recognized in net periodic benefit cost:

	 2022	2021
Unrecognized actuarial loss Unrecognized prior service cost	\$ (375,375) \$ (39,373)	(504,625) (49,314)
	\$ (414,748) \$	(553,939)

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

The following table provides the components of the net periodic benefit cost for the Plans for the years ended December 31, 2022 and 2021:

	 2022	2021
Service cost (included in employee benefits)	\$ 109,216 \$	115,268
Interest cost on projected benefit obligation Expected return on plan assets Amortization of actuarial loss Amortization of prior service cost	96,590 (185,936) 23,330 12,722	86,450 (173,661) 47,179 7,442
Settlement loss Total included in non-operating net periodic benefit credit	 (53,294)	(32,500)
Net periodic benefit cost	\$ 55,922 \$	82,768

Prior service costs are amortized over the average remaining service period of active participants. Actuarial gains and losses in excess of 10% of the greater of the projected benefit obligations and the market-related value of assets are amortized over the average remaining service period of active participants.

The assumptions used in the measurement of the Northwell Plan's benefit obligations at December 31, 2022 and 2021 are shown in the following table:

	2022	2021
Discount rate	5.58%	3.04%
Rate of compensation increase	4.00	4.00
Interest crediting rate	3.97	1.98

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

The assumptions used in the measurement of the Northwell Plan's net periodic benefit cost for the years ended December 31, 2022 and 2021 are shown in the following table:

	2022	2021
Discount rate	3.04%	2.75%
Expected long-term rate of return on plan assets	6.50	6.50
Rate of compensation increase	4.00	4.00
Interest crediting rate	1.98	1.54

As of December 31, 2022 and 2021, respectively, the Northwell Plan comprises 95.7% and 88.2% of the Plans' total projected benefit obligation and 100.0% and 93.6% of the total fair value of plan assets.

Benefit payments for the Plans, which reflect expected future service, as appropriate, are expected to be paid as follows:

2023	\$ 149,028
2024	154,139
2025	162,770
2026	172,487
2027	179,226
2028 to 2032	952,973

Northwell expects to make contributions of approximately \$1,500 to the Plans in 2023.

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

Defined Benefit Pension Plan Assets

The fair values of the Plans' assets at December 31, 2022, by asset category, are as follows:

	Level 1	Level 2	Level 3		Total
Asset category					
Cash and short-term investments	\$ 48,810	\$ _	\$ _	\$	48,810
Fixed income obligations:					
U.S. Government obligations	6,041	85,519	_		91,560
Corporate and other bonds	_	204,272	_		204,272
Fixed income mutual funds	122,454	_	_		122,454
Commingled fixed income funds	_	219,727	_		219,727
Convertible securities	73,278	_	_		73,278
Equity securities:					
Value	84,353	_	_		84,353
Small cap	65,368	_	_		65,368
Global	241,695	_	_		241,695
Growth	57,161	_	_		57,161
Equity mutual funds	186,573	_	_		186,573
Commingled equity funds	_	81,554	_		81,554
Accrued interest and other	5,158	_	_		5,158
	\$ 890,891	\$ 591,072	\$ _	1	1,481,963
	 <u> </u>	<u> </u>		=	
Assets measured at net asset value:					
Commingled fixed income funds					91,715
Commingled equity funds					22,433
Funds of hedge funds					405,725
Hedge funds					14
Private equity investments					301,922
Private credit funds					113,023
Private real estate funds					85,453
Total assets at fair value				\$2	2,502,248

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

The fair values of the Plans' assets at December 31, 2021, by asset category, are as follows:

	Level 1	Level 2	Level 3	Total
Asset category				
Cash and short-term investments	\$ 32,423	\$ _	\$ _ \$	32,423
Fixed income obligations:				
U.S. Government obligations	23,537	90,135	_	113,672
Corporate and other bonds	_	172,773	_	172,773
Fixed income mutual funds	155,863	_	_	155,863
Commingled fixed income funds	_	288,718	_	288,718
Equity securities:				
Value	132,031	_	_	132,031
Small cap	92,637	_	_	92,637
Global	365,440	_	_	365,440
Growth	71,664	_	_	71,664
Equity mutual funds	316,661	_	_	316,661
Commingled equity funds	_	111,485	_	111,485
Accrued interest and other	 3,579	_		3,579
	\$ 1,193,835	\$ 663,111	\$ 	1,856,946
Assets measured at net asset value:				
Commingled fixed income funds				189,265
Commingled equity funds				72,744
Funds of hedge funds				430,789
Hedge funds				16
Private equity investments				264,711
Private credit funds				101,976
Private real estate funds				69,946
Total assets at fair value			9	52,986,393

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

Assets invested in the Plans are carried at fair value. Debt, convertible securities and equity securities and certain commingled funds with readily determinable values are carried at fair value, as determined based on independent published sources. Other commingled funds and alternative investments are stated at fair value, determined by using net asset value as a practical expedient, as permitted by GAAP, rather than using another valuation method to independently estimate fair value (see Note 2).

The following is a summary of assets in the Plans at December 31, 2022 (by asset category) with redemption restrictions:

	As	set Value	Redemption Period (Including Notice Period)
Commingled fixed income funds	\$	311,442	1 day to 60 days
Commingled equity funds	Ψ	103,987	2 days to 45 days
Funds of hedge funds		405,725	61 days to 29 months

Private equity investments, private credit funds and private real estate funds have long lifecycles with distributions not expected for several years. In the instance of certain redemptions, some investments noted above may require an extended waiting period to receive a remainder portion of the redemption.

Basis Used to Determine the Expected Long-Term Rate of Return on Assets

The overall expected long-term rate of return on assets assumption is based upon a long-term building-block approach adjusted for current market conditions. First, return expectations for each asset class are developed with economic and fundamental drivers such as inflation, dividends and real earnings growth for stocks and real yields, defaults and recoveries for bonds. These expectations assume that market levels at the beginning of the forecast period are in a state of equilibrium. With the understanding that markets are more often than not in some state of disequilibrium, the "next ten year" return forecasts are adjusted to reflect the starting point for

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

inflation expectations, interest rate levels and market risk premiums relative to historically normal market levels. The fundamental building blocks used to develop the long-term equilibrium return expectations are based on a combination of consensus forecasts and long-term historical averages. The historical data is adjusted to reflect any fundamental changes that have occurred in the relative markets.

Once long-term equilibrium forecasts are developed, returns are adjusted for the next ten years to reflect the current environment as it relates to the key economic variables that influence returns across the capital markets. In doing so, the expected path for breakeven inflation, real interest rates and investment grade corporate bond spreads are modeled for the next ten years. In this framework, the investment grade corporate spreads are used as a proxy for the risk premium priced broadly into a number of asset classes within the capital markets.

While the precise expected return derived using the above approach will fluctuate somewhat from year to year, the Plans' policy is to hold this long-term assumption constant as long as it remains within a reasonable tolerance from the derived rate.

Description of Investment Policies and Strategies

The Plans' overall investment strategy is to achieve wide diversification of asset types, fund strategies and fund managers. Equity securities include investments in domestic, international, global and emerging markets equities. Fixed income securities include corporate bonds of companies from diversified industries, mortgage-backed securities, emerging markets debt and U.S. Treasuries. Other types of investments include investments in convertible securities, commingled funds and alternative investments that follow several different strategies.

There are specific guidelines and diversification standards for each investment manager. Eligible investments are specifically outlined. Each manager must disclose its strategies and report that it abides by the Employee Retirement Income Security Act of 1974 rules, where applicable.

Notes to Consolidated Financial Statements (continued) (In Thousands)

10. Pension Plans and Other Postretirement Benefits (continued)

The Northwell Plan's asset allocation at December 31, 2022 and 2021, by asset category, is as follows:

	2022	2021	Target Allocation
Cash and short-term investments	2.2%	1.3%	1.0%
Fixed income obligations, including			
commingled fixed income funds	29.2	29.7	28.5
Convertible securities	2.9	_	3.0
Equity securities, including commingled			
equity funds	29.5	38.0	22.5
Alternative investments	36.2	31.0	45.0
	100.0%	100.0%	100.0%

The target allocation percentages are set as long-term diversification objectives to be met over time, as the portfolio increases the allocation to alternative investments.

Other Postretirement Benefits

Certain employees are covered by the Northwell Health Retiree Medical and Life Insurance Plan and other postretirement benefit plans other than pensions. As of December 31, 2022 and 2021, the total funded status of these plans was a liability of \$44,427 and \$58,178, respectively. The current portion of accrued retirement benefits related to these plans, included in accrued salaries and related benefits in the accompanying consolidated statements of financial position, is \$2,466 and \$2,703 at December 31, 2022 and 2021, respectively.

For the years ended December 31, 2022 and 2021, there was a net periodic benefit cost related to these plans of \$3,756 and \$497, respectively, of which \$2,016 and (\$652), respectively, was recorded within non-operating net periodic benefit credit in the accompanying consolidated statements of operations.

Notes to Consolidated Financial Statements (continued) (In Thousands)

11. Malpractice and Other Insurance Liabilities

Malpractice

Northwell provides for potential medical malpractice losses through a combination of a self-insurance program and purchased primary and excess insurance, on both a claims-made and occurrence basis, as follows:

Primary Insurance Program

From January 2003 through December 2016, Northwell purchased primary malpractice insurance on an occurrence basis, covering most hospitals and providers. The policies provided coverage with limits of \$1,000 per claim and a \$50,000 annual policy aggregate through 2009. Effective January 2010, the program retained \$750 of the primary coverage per indemnity claim, while aggregate limits increased to \$60,000. Effective January 2013, the retention level increased to \$900 per claim. Effective January 2017, Northwell decided to fully self-insure the primary layer covering most hospitals and providers up to \$1,000 per claim.

In December 2002, Northwell purchased a tail insurance policy to cover unreported occurrences from its prior claims-made primary insurance program.

The estimated undiscounted liability for the retained primary coverage and losses in excess of the insured primary aggregate at December 31, 2022 and 2021 was \$1,080,684 and \$983,689, respectively. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

Excess Insurance Coverage

Regional Insurance covers certain excess malpractice losses above the primary per claim limit, on a claims-made basis. Additional commercial excess malpractice insurance is purchased on a claims-made basis for excess coverage layers above the Regional Insurance per claim limit.

Regional Insurance's estimated undiscounted reserves for losses and loss expenses outstanding at December 31, 2022 and 2021 were \$62,393 and \$76,674, respectively. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

Notes to Consolidated Financial Statements (continued) (In Thousands)

11. Malpractice and Other Insurance Liabilities (continued)

Effective January 1, 2015, the annual aggregate excess coverage provided by Regional Insurance was significantly reduced to \$6,500, and was subsequently increased to \$7,750 effective January 1, 2018, \$8,375 effective January 1, 2019 and \$9,000 effective January 1, 2020. The undiscounted liability for the estimated losses in excess of Regional Insurance's aggregate excess coverage at December 31, 2022 and 2021 totaled \$516,222 and \$458,273, respectively. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

The estimated undiscounted incurred but not reported liability for claims in excess of primary insurance layers at December 31, 2022 and 2021 was \$142,329 and \$134,361, respectively. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

Other Self-Insurance Coverage

For certain years, certain Northwell hospitals and physicians were covered for malpractice claims under various other insured and self-insured arrangements. For self-insured claims and incidents, Northwell has reserved \$26,631 and \$30,884 at December 31, 2022 and 2021, respectively. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

Malpractice claims have been asserted against Northwell by various claimants. These claims are in various stages of processing, and some may ultimately be brought to trial. There are known incidents that have occurred through December 31, 2022 that may result in the assertion of additional claims, and other claims may be asserted arising from services provided to patients in the past. It is the opinion of Northwell's management that adequate insurance, including self-insurance, and malpractice reserves are being maintained to cover potential malpractice losses.

Workers' Compensation

In June 2013, Northwell changed its workers' compensation insurance program from a guaranteed cost program to a high deductible program with a \$1,000 per claim retention level. At December 31, 2022 and 2021, the estimated undiscounted liability for retained losses under this program was \$306,288 and \$281,095, respectively. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

Notes to Consolidated Financial Statements (continued) (In Thousands)

11. Malpractice and Other Insurance Liabilities (continued)

Prior to joining Northwell's high deductible program, certain hospitals had various self-insured programs for workers' compensation claims. At December 31, 2022 and 2021, Northwell has reserved \$11,878 and \$14,489, respectively, for these self-insured losses. At December 31, 2022 and 2021, the liability was recorded at its undiscounted value.

Other Insurance

Some of Northwell's other insurance programs, including general liability, have a component of self-insurance or high deductibles. Liabilities for these other insurance programs were not significant at December 31, 2022 and 2021.

12. Other Operating Revenue

Other operating revenue consists of the following for the years ended December 31, 2022 and 2021:

	2022		2021	
	_		_	
Laboratory services	\$	497,584	\$	571,551
Pharmacy sales		400,012		293,142
Grants and contracts		136,944		143,245
Health plan risk pool distributions		68,772		16,613
Rental income		33,095		33,697
Group purchasing revenue		30,047		30,618
Clinical joint venture income		28,980		35,394
Investment income (see Note 4)		24,055		21,168
Cafeteria and gift shop sales		18,949		15,627
Health plan care coordination revenue		13,296		12,654
Parking income		6,540		4,730
All other		118,393		91,358
	\$	1,376,667	\$	1,269,797

Notes to Consolidated Financial Statements (continued) (In Thousands)

13. Net Assets

Donor restricted net assets at December 31, 2022 and 2021 are available for the following purposes:

	 2022	2021
Teaching, research, training and other Capital projects and purchases of equipment Permanent endowments	\$ 406,636 \$ 196,908 304,605	458,814 193,503 268,688
	\$ 908,149 \$	921,005

Northwell's endowments consist of donor restricted funds, the income from which is available for a variety of purposes.

Northwell follows the requirements of the New York Prudent Management of Institutional Funds Act (NYPMIFA) as they relate to its permanent endowments. Northwell has interpreted NYPMIFA as requiring the preservation of the fair value of the original gift, as of the gift date, of the donor-restricted endowment funds absent explicit donor stipulations to the contrary. As a result of this interpretation, Northwell classifies as net assets with donor restrictions to be maintained in perpetuity: (1) the original value of gifts donated to the permanent endowment, (2) the original value of subsequent gifts to the permanent endowment, and (3) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining income from the permanent endowments is classified as net assets with donor restrictions to be used for described purposes or over specified periods of time until those amounts are appropriated for expenditure. Northwell considers the following factors in making a determination to appropriate or accumulate donor restricted endowment funds: (1) the duration and preservation of the fund, (2) the purpose of the donor restricted endowment fund, (3) general economic conditions, (4) the possible effect of inflation and deflation, (5) the expected total return from income and the appreciation of investments, and (6) the investment policies of Northwell.

Northwell's investment and spending policies for endowment assets seek to provide a predictable stream of funding to programs supported by its endowments, while seeking to maintain the purchasing power of the endowment assets. Endowment assets include those assets of donor-restricted funds that Northwell must hold in perpetuity or for a donor-specified term. Under this policy, the endowment assets are invested in a manner that expects to generate an average annual return over time in excess of 5.0%. Actual returns in any given year may vary from this amount.

Notes to Consolidated Financial Statements (continued) (In Thousands)

13. Net Assets (continued)

To satisfy its long-term rate-of-return objectives, Northwell relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends). Northwell targets a diversified asset allocation that consists of equities, fixed income and alternative investments.

Northwell has a policy of appropriating for distribution each year, amounts determined using historical returns on its endowment funds. In establishing this policy, Northwell considered the long-term expected return on its endowments.

For the years ended December 31, 2022 and 2021, Northwell had the following activity related to its endowment assets, including amounts to be held in perpetuity and earnings which may be expended:

	 2022	2021
Endowment balance, beginning of year Investment return:	\$ 398,494 \$	349,569
Investment income	7,439	29,900
Net (depreciation) appreciation	(58,136)	10,835
Total investment (loss) return	 (50,697)	40,735
Contributions and other*	35,917	20,711
Amounts appropriated for expenditure	 (14,411)	(12,521)
Net change in endowment funds	(29,191)	48,925
Endowment balance, end of year	\$ 369,303 \$	398,494

^{*} Contributions include pledges receivable for permanently restricted purposes.

From time to time, the fair value of assets associated with Northwell's donor-restricted endowment funds may fall below the level Northwell is required to retain as a fund of perpetual duration. There was no such deficiency as of December 31, 2022 and 2021.

Notes to Consolidated Financial Statements (continued) (In Thousands)

14. Commitments and Contingencies

Litigation and Claims

Northwell is involved in litigation and claims which are not considered unusual to its business. While the ultimate outcome of these lawsuits cannot be determined at this time, it is the opinion of management that the ultimate resolution of these claims will not have a material adverse effect on the accompanying consolidated financial statements.

Collective Bargaining Agreements

At December 31, 2022, approximately 27% of Northwell's employees are union employees who are covered under the terms of various collective bargaining agreements. Certain collective bargaining agreements which represent approximately 9% of union employees (2% of total employees) have expired, or will expire during 2023 and are currently being renegotiated.

Letters of Credit and Surety Bonds

At December 31, 2022, \$9,723 in direct-pay letters of credit were maintained with a commercial bank to secure certain Northern Westchester bond issues.

At December 31, 2022, four commercial banks are providing a total of \$366,842 in commitments, solely to support letters of credit required for Northwell's high deductible workers' compensation and vehicle insurance programs. At December 31, 2022, \$174,973 in secured standby letters of credit were maintained with the banks, and \$191,869 of the commitments remain available for future letters of credit. At December 31, 2022, there was also a \$76,500 surety bond supporting these programs.

In addition, at December 31, 2022, \$11,877 in direct-pay letters of credit or surety bonds were maintained to support other workers' compensation insurance programs at certain Northwell hospitals.

Notes to Consolidated Financial Statements (continued) (In Thousands)

14. Commitments and Contingencies (continued)

Other Commitments and Contingencies

In 2008, Hofstra University (the University) and Northwell entered into a joint academic agreement to establish what is now known as the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell (the Medical School), at the University, while remaining as separate corporations with separate governance. Under the agreement, Northwell will reimburse the University each academic year for a portion of the Medical School's annual costs, with amounts indexed to the Medical School tuition. Such reimbursement is contingent upon annual approval by the boards of Northwell and the University. Northwell shall not advance funds to the University that have not yet been spent in connection with the Medical School. Northwell also provides funding annually for Medical School scholarships and student loans, with amounts indexed to the Medical School tuition.

In April 2015, Northwell entered into a strategic affiliation with Cold Spring Harbor Laboratory (CSHL). Under the terms of this affiliation, Northwell and CSHL will continue as independent organizations governed by their respective boards of trustees. The goals of the affiliation include advancing cancer diagnostic and therapeutic research, developing a clinical cancer research unit at Northwell to support early-phase clinical studies of new cancer therapies, and recruiting and training more clinician-scientists in oncology. Pursuant to the agreement, Northwell is committed to pay CSHL \$15,000 annually throughout the remaining term of the affiliation.

In August 2015, Northwell entered into a clinical affiliation and collaboration agreement with Maimonides Medical Center (Maimonides), a not-for-profit acute care hospital located in Brooklyn, New York. The purpose of the affiliation is to pursue collaborative activities, such as clinical integration initiatives and ambulatory services joint ventures, as well as service agreements that may generate operational efficiencies. Under the terms of the affiliation agreement, Northwell and Maimonides will remain independent organizations governed by their respective boards of trustees. Pursuant to the affiliation agreement, the parties have also entered into an unsecured loan agreement, whereby through August 2017, Northwell loaned a total of \$125,000 to Maimonides. Payments on the loan and accrued interest thereon would not commence until the termination of the affiliation agreement. However, if Northwell becomes the sole member and corporate parent of Maimonides, outstanding amounts borrowed under the loan agreement, including accrued interest, will be forgiven.

Notes to Consolidated Financial Statements (continued) (In Thousands)

14. Commitments and Contingencies (continued)

In August 2018, Northwell entered into an option agreement with a third party that acquired property on the Upper East Side of Manhattan. Under the agreement, Northwell was given the option to purchase the property at a defined price at certain future dates. The initial option agreement was for a three-year period with optional extension periods through August 2023. In November 2021, the option agreement was amended and extended the option period until February 2024. Also in November 2021, Northwell acquired the existing mortgage on the property and recorded a note receivable of approximately \$246,000 for amounts due from the property owner. The note receivable is recorded in other assets in the accompanying consolidated statement of financial position. In March 2023, Northwell exercised its option and purchased the property. Northwell also collected the \$246,000 note receivable due from the property owner in conjunction with the transaction.

In March 2023, Northwell entered into an agreement with Epic Systems Corporation to provide integrated electronic health records and revenue cycle solutions for each of Northwell's hospitals and outpatient facilities. The implementation is scheduled to go live in phases, beginning in 2025. The implementation project is expected to cost approximately \$1,000,000.

In the normal course of business, Northwell enters into multi-year contracts with vendors, suppliers and service providers for goods or services to be provided to Northwell. Under the terms of such agreements, Northwell may be contingently liable for termination or other fees in the event of contract termination or default. Northwell does not believe that such contingent liabilities, should they become due, would have a material impact on its consolidated financial statements.

15. Subsequent Events

Management has evaluated the impact of subsequent events through April 25, 2023, representing the date at which the consolidated financial statements were issued.

Except for those disclosed in Notes 1, 8 and 14, no events have occurred that require disclosure in or adjustment to the accompanying consolidated financial statements.

Supplementary Information, Audit Reports and Schedules Related to the Uniform Guidance

Schedule of Expenditures of Federal Awards

Year Ended December 31, 2022

	Federal Assistance		Pass-through ID Number/	Research and Development	Federal	Expenditures to
Federal Grantor/Program Title/Project Title	Listing Number	Pass-through Grantor	Contract Number	Cluster	Expenditures	Subrecipients
U.S. Department of Health and Human Services Direct grants and contracts:						
Direct grants and contracts.	93.172, 93.213, 93.226,					
	93.233, 93.242, 93.273,					
	93.311, 93.361, 93.393,					
	93.394, 93.395, 93.396,					
	93.399, 93.837, 93.839,					
	93.846, 93.847, 93.853,					
	93.855, 93.859, 93.865,					
National Institute of Health	93.866			\$ 26,109,611	\$ 26,109,611	\$ 2,904,249 (a)
Office of the Assistant Secretary for Health:						
Research on Research Integrity	93.085			_	8,154	_
Health Resources and Services Administration:						
Coordinated Services and Access to Research for						
Women, Infants, Children, and Youth	93.153			-	672,503	- (b)
COVID-19 HRSA COVID-19 Claims						
Reimbursement for the Uninsured Program and						
the COVID-19 Coverage Assistance Fund	93.461			-	2,637,383	_
COVID-19 Provider Relief Fund and American						
Rescue Plan (ARP) Rural Distribution	93.498			_	54,131,655	_
Mental and Behavioral Health Education and						
Training Grants	93.732				115,460	
Ryan White HIV/AIDS Dental Reimbursement and	02.024				461.046	
Community Based Dental Partnership Grants	93.924			_	461,046	_
Primary Care Medicine and Dentistry Clinician	02.076				102.071	
Educator Career Development Awards	93.976				183,971	
				_	58,202,018	_
Substance Abuse and Mental Health Services:						
Substance Abuse and Mental Health Services						
Projects of Regional and National Significance	93.243			_	591,986	- (c)

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services Direct grants and contracts (continued): Centers for Disease Control and Prevention Occupational Safety and Health Program Subtotal Direct Grants and Contracts	93.262			\$ 391,414 26,501,025	\$ 391,414 85,303,183	\$ <u>-</u> 2,904,249
Pass-through programs: Blood Disorder Program: Prevention, Surveillance, and Research	93.080	Icahn School of Medicine at Mount Sinai	0258-9339-4609 / 0258-9330-4609	25,466	25,466	-
Maternal and Child Health Federal Consolidated Programs	93.110	Icahn School of Medicine at Mount Sinai	0253-6540-4609 / 0253-7151-4609	_	27,806	_
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	New York University on behalf of its Grossman School of Medicine	17-A0-00-008205 / 22-A0-00- 008205	-	24,749	- (b)
Research Related to Deafness and Communication Disorders	93.173	The Trustees of Columbia University in the City of New York	1(GG015788)	95,117	95,117	_
Family Planning Services	93.217	New York State Department of Health	DOH01-C36280GG-3450000	_	172,020	_
Mental Health Research Grants	93.242	Center for Addiction & Mental Health Joan & Sanford I. Weill Medical College of	21-217 / 22-177	192,650	192,650	-
Mental Health Research Grants	93.242	Cornell University Research Foundation for Mental Hygiene,	213444-10	10,960	10,960	-
Mental Health Research Grants	93.242	Inc.	1015670/3 / 27327 / 158235	69,696	69,696	_
Mental Health Research Grants	93.242	Rhode Island Hospital The Board of Regents of the University System of Georgia by and on behalf of	7137547	324,105	324,105	_
Mental Health Research Grants	93.242	Georgia Institute of Technology	AWD-102917-G2	254,857	254,857	_
Mental Health Research Grants	93.242	The Johns Hopkins University	2004510715	25,795	25,795	_
Mental Health Research Grants	93.242	The Regents of the University of California The Regents of the University of California	2000 G YD422	247,897	247,897	_
Mental Health Research Grants	93.242	at San Diego	KR 704720	112,953	112,953	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services Pass-through programs (continued):						
Mental Health Research Grants	93.242	The Regents of the University of New Mexico for its Health Sciences Center The Trustees of Columbia University in the	3RKM3	\$ 21,442	\$ 21,442	\$
Mental Health Research Grants	93.242	City of New York The University of Texas Health Science	9(GG012936-05) / 1(GG015917-01)	212,969	212,969	_
Mental Health Research Grants Mental Health Research Grants	93.242 93.242 Total 93.242	Center at San Antonio Yale University	164342 / 164330 CON-80003674 (GR116228)	79,072 962,871 2,515,267	79,072 962,871 2,515,267	
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243	Research Foundation for Mental Hygiene, Inc.	159348	-	14,722	- (c)
Immunization Cooperative Agreements COVID-19 Immunization Cooperative Agreements	93.268 93.268 Total 93.268	New York City Department of Health and Mental Hygiene Fund for Public Health in NY	Not available 84764		537,102 567,114 1,104,216	
Alcohol Research Programs	93.273	Partnership for a Drug-Free America, Inc d/b/a Partnership to End Addiction The Trustees of Columbia University in the	5R01AA025058-05	37,504	37,504	-
Alcohol Research Programs Alcohol Research Programs	93.273 93.273 Total 93.273	City of New York University of Connecticut Health Center	2(GG011217) / 2(GG015075-01) UCHC7-156339217	119,670 85,884 243,058	119,670 85,884 243,058	_
Drug Abuse and Addiction Research Programs Drug Abuse and Addiction Research Programs	93.279 93.279 Total 93.279	New York University on behalf of its Grossman School of Medicine The Johns Hopkins University	19-A0-00-1002485 15390-27	287,643 18,636 306,279	287,643 18,636 306,279	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services Pass-through programs (continued): Discovery and Applied Research for Technological						
Innovations to Improve Human Health Discovery and Applied Research for Technological	93.286	Hofstra University New York University on behalf of its	Sub01_NIHR15_Merna_2022	\$ 5,844	\$ 5,844	\$ -
Innovations to Improve Human Health Discovery and Applied Research for Technological	93.286	Grossman School of Medicine	17-A1-00-007322 A21-0154-S002 / A21-0154-S002-	5,393	5,393	_
Innovations to Improve Human Health	93.286 Total 93.286	University of Memphis	A01	6,562 17,799	6,562 17,799	
Minority Health and Health Disparities Research Minority Health and Health Disparities Research Minority Health and Health Disparities Research	93.307 93.307 93.307 Total 93.307	Joan & Sanford I. Weill Medical College of Cornell University The Johns Hopkins University Trustees of the University of Pennsylvania	220953 / 221976 2005557945 577433 / 583611	53,748 50,381 193,614 297,743	53,748 50,381 193,614 297,743	- - - -
Trans-NIH Research Support Trans-NIH Research Support	93.310 93.310 Total 93.310	Albert Einstein College of Medicine The Johns Hopkins University	312044 / 312228 2005099368	112,466 3,677 116,143	112,466 3,677 116,143	
COVID-19 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323	Health Research, Inc.	6894-01	_	669,242	65,138
COVID-19 National Center for Advancing Translational Sciences	93.350	Joan & Sanford I. Weill Medical College of Cornell University	220611-1	10,932	10,932	-
Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	93.354	Health Research, Inc.	7296-01	_	51,010	_
Nursing Research	93.361	The Trustees of Columbia University in the City of New York	2(GG012969-01)	15,338	15,338	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services						
Pass-through programs (continued):						
Cancer Cause and Prevention Research	93.393	Icahn School of Medicine at Mount Sinai Joan & Sanford I. Weill Medical College of	0255-3801-4609	\$ 92,831	\$ 92,831	\$ -
Cancer Cause and Prevention Research	93.393	Cornell University	201582-02	7,653	7,653	_
	Total 93.393	·		100,484	100,484	_
Cancer Detection and Diagnosis Research	93.394	Mayo Clinic	THE-285429	56,484	56,484	_
Cancer Treatment Research	93.395	Children's Hospital of Philadelphia	2U10CA180886	27,050	27,050	_
Cancer Treatment Research	93.395	Public Health Institute	U01CA180886	57,400	57,400	_
	Total 93.395			84,450	84,450	_
ACL National Institute on Disability, Independent						
Living, and Rehabilitation Research	93.433	Mercy College	90IFST0003-03-00-1	8,625	8,625	_
Medicaid Cluster – Medical Assistance Program	93.778	New York State Department of Health	DOH01-C32117GG-3450000 / DOH01-C32137GG-3450000	-	236,901	-
		Research Foundation for Mental Hygiene,				
Opioid STR	93.788	Inc.	156131	_	49,590	_
Cardiovascular Diseases Research	93.837	Duke University	2938081 / 2037894	31,425	31,425	_
Cardiovascular Diseases Research	93.837	Icahn School of Medicine at Mount Sinai Inova Health Care Services on behalf of its	0255-A346-4605	65,728	65,728	_
Cardiovascular Diseases Research	93.837	Office of Research at Inova Joan & Sanford I. Weill Medical College of	OSPRSD-396	13,690	13,690	_
Cardiovascular Diseases Research	93.837	Cornell University	R01HL152021	23,100	23,100	_
Cardiovascular Diseases Research	93.837	The Regents of the University of Michigan	SUBK00016943	12,000	12,000	_
Cardiovascular Diseases Research	93.837	Tulane University	TUL-SCC-560018-21/22	134,474	134,474	_
		•	SUB00000241 / UR FAO	, ,	, ,	
Cardiovascular Diseases Research	93.837	University of Rochester	GR531832	3,233	3,233	_
COVID-19 Cardiovascular Diseases Research	93.837	Icahn School of Medicine at Mount Sinai	0255-A346-4605	9,815	9,815	_
	Total 93.837			293,465	293,465	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services						
Pass-through programs (continued):						
I D' D 1	02.020	New York University on behalf of its	22 40 00 1007075	e 22.694	e 22.604	¢.
Lung Diseases Research	93.838	Grossman School of Medicine	22-A0-00-1007875	\$ 23,684	- ,	5 –
Lung Diseases Research	93.838 93.838	The Regents of the University of Michigan Trustees of the University of Pennsylvania	SUBK00014401 5-UH3-HL-141736-05	900 5,000	900 5,000	_
Lung Diseases Research	93.838 Total 93.838	Trustees of the Oniversity of Pennsylvania	3-UH3-HL-141/30-U3			
	1 ota1 93.838			29,584	29,584	_
		Children's Hospital Corporation d/b/a Boston				
Blood Diseases and Resources Research	93.839	Children's Hospital	GENFD0002190700	301,759	301,759	_
Blood Diseases and Resources Research	93.839	Children's Hospital Medical Center	OS00000082/311428/138713	119,504	119,504	_
Blood Diseases and Resources Research	93.839	Rutgers, The State University of New Jersey	1513	15,000	15,000	_
Blood Diseases and Resources Research	93.839	Washington University	WU-18-263-MOD-4	4,225	4,225	_
	Total 93.839	,		440,488	440,488	_
		Benaroya Research Institute at Virginia				
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	Mason	0129704s01	247,835	247,835	_
	7.0.0	Joan & Sanford I. Weill Medical College of		,,,,,	,	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	Cornell University	214164	7,046	7,046	_
,		The Trustees of Columbia University in the		.,.	.,.	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	City of New York	1(GG012265-01)	9,617	9,617	_
,	Total 93.846	•	, ,	264,498	264,498	_
Diabetes, Digestive, and Kidney Diseases Extramural			30300076 / 303000286 /			
Research	93.847	Duke University	C5LHMPRJ0J19	307,209	307,209	_
Diabetes, Digestive, and Kidney Diseases Extramural		•		, in the second	,	
Research	93.847	Icahn School of Medicine at Mount Sinai	0255-4477-4605	3,750	3,750	_
Diabetes, Digestive, and Kidney Diseases Extramural						
Research	93.847	The Regents of the University of Michigan	SUBK00012111	5,460	5,460	_
Diabetes, Digestive, and Kidney Diseases Extramural						
Research	93.847	Trustees of the University of Pennsylvania	582481 / 585205	115,957	115,957	_
Diabetes, Digestive, and Kidney Diseases Extramural						
Research	93.847	University of Virginia	GB10762	5,931	5,931	_
	Total 93.847			438,307	438,307	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services						
Pass-through programs (continued):						
Extramural Research Programs in the Neurosciences						
and Neurological Disorders	93.853	Emory University	A692640	\$ 45,338	\$ 45,338	\$ -
Extramural Research Programs in the Neurosciences						
and Neurological Disorders	93.853	Mayo Clinic	FEI-224063-02	3,700	3,700	_
Extramural Research Programs in the Neurosciences		The Board of Trustees of the Leland Stanford				
and Neurological Disorders	93.853	Junior University	61911985-125439	25,345	25,345	_
Extramural Research Programs in the Neurosciences	00.050	TI D	G1 TD11101010100DD 000	21.700	21.500	
and Neurological Disorders	93.853	The Regents of the University of Michigan	SUBK10424CSPR-002	21,500	21,500	_
Extramural Research Programs in the Neurosciences	02.052	The Trustees of Columbia University in the	1/00012011 04)	172 (01	172 (01	
and Neurological Disorders	93.853	City of New York	1(GG012911-04)	173,691	173,691	_
Entermol Description in the New Property			010785-133477 / 011337-133477 /			
Extramural Research Programs in the Neurosciences	93.853	Hairranita of Cincinnoti	014059-133477/ 012340-133477 / 012043-133477	45 470	45,470	
and Neurological Disorders Extramural Research Programs in the Neurosciences	93.833	University of Cincinnati	012045-1334//	45,470	43,470	_
and Neurological Disorders	93.853	University of Pittsburgh	AWD00004006 (136043-3)	24,493	24,493	
and Neurological Disorders	73.853 Total 93.853	Oniversity of Fittsburgh	A w D00004000 (130043-3)	339,537	339,537	
	10tai 93.853			339,337	339,337	_
			FY21ITN353 / FY22ITN353 /			
		Benaroya Research Institute at Virginia	FY21ITN535 / FY22ITN535 / FY21ITN515 /			
Allergy and Infectious Diseases Research	93.855	Mason	FY22ITN560	95,750	95,750	_
Anergy and infectious Diseases Research	73.633	Children's Hospital Corporation d/b/a Boston	1 1221111300	75,750	75,750	
Allergy and Infectious Diseases Research	93.855	Children's Hospital	GENFD0002220771	25,718	25,718	_
Allergy and Infectious Diseases Research	93.855	Duke University	265416/A034556	1,600	1,600	_
6,	, , , , ,	,	A577268 / A506878 / A676666 /	-,	-,	
Allergy and Infectious Diseases Research	93.855	Emory University	A506886	481,547	481,547	_
2,		New York University on behalf of its		, i	,	
Allergy and Infectious Diseases Research	93.855	Grossman School of Medicine	19-A1-00-007002	120,211	120,211	_
-		The Board of Trustees of the University of				
		Alabama for the University of Alabama at				
Allergy and Infectious Diseases Research	93.855	Birmingham	000522211-SC006	18,000	18,000	_
Allergy and Infectious Diseases Research	93.855	The Brigham & Women's Hospital, Inc	125669	617,626	617,626	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services Pass-through programs (continued): COVID-19 Allergy and Infectious Diseases Research	93.855 Total 93.855	Emory University	A527520 / A541989 / A634129	\$ 945,539 2,305,991	\$ 945,539 2,305,991	\$ <u>-</u>
Child Health and Human Development Extramural Research Child Health and Human Development Extramural	93.865	Northwestern University	60055120 FIMR	2,100	2,100	_
Research	93.865	The Regents of the University of Michigan	SUBK00008036	47,480	47,480	
	Total 93.865			49,580	49,580	_
Aging Research	93.866	Dana-Farber Cancer Institute, Inc. Research Foundation for Mental Hygiene,	1224605	219,657	219,657	_
Aging Research	93.866	Inc. The McLean Hospital Corporation d/b/a	1016449/3/27026	447,951	447,951	_
Aging Research	93.866	McLean Hospital	401474 02_NWH_05820 / 5820-FIMR-	209,843	209,843	-
COVID-19 Aging Research	93.866	Boston Medical Center Corporation	02A1	447,642	447,642	
	Total 93.866			1,325,093	1,325,093	_
National Bioterrorism Hospital Preparedness Program	93.889	Public Health Solutions	20-NHI-01 / 21-NHI-01 1867-16 / 1867-17 / 1871-17 / 1871- 18 / 1872-16 / 1872-17 / 1885-16 / 1885-17 / 1986-16 / 1986-17 / 1994- 17 / 1994-18 / 1999-16 / 1999-17 / 2000-17 / 2000-18 / 2004-16 / 2004-	-	283,500	_
COVID-19 National Bioterrorism Hospital			17 / 2005-17 / 2005-18 / 2008-16 /			
Preparedness Program	93.889 Total 93.889	Health Research, Inc.	2008-17 / 6352-01		887,798	
	1 0tai 93.889			_	1,171,298	_

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through ID Number/ Pass-through Grantor Contract Number		Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Health and Human Services Pass-through programs (continued):			21 MAI 11 / 22 MAI 11 / 21104 /			
HIV Emergency Relief Project Grants	93.914	United Way	22104 / 21650 / 22650 / 21802 / 22802 21437 / 21237	\$ -	\$ 624,649	\$ -
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918	New York University on behalf of its Grossman School of Medicine	21-A0-00-1000300	-	57,618	_
HIV Prevention Activities Health Department Based	93.940	Public Health Solutions	22-RHT-958	_	196,633	_
	02.050	N. W. I. G. J. Off C. G. W. J. H. J. J.	OMH01-C21180GG-3650000 / OMH01-C21184GG-3650000 / OMH01-C21190GG-3650000 /		701 200	
Block Grants for Community Mental Health Services COVID-19 Block Grants for Community Mental Health	93.958	New York State Office of Mental Health	OMH01-C21194GG-3650000	_	781,390	_
Services	93.958 Total 93.958	New York State Office of Mental Health	OMH01-C22155GG-3650000		139,510 920,900	
Substance Abuse Prevention and Treatment Block Grant Supplement COVID-19 Substance Abuse Prevention and Treatment	93.959	New York State Office of Addiction Services and Supports New York State Office of Addiction Services	CFA0353-D / CFA0365MDS-D	-	10,177	-
Block Grant Supplement	93.959 Total 93.959	and Supports	CFA0365		60,589 70,766	
Maternal and Child Health Services Block Grant to the			DOH01-C32117GG-3450000 / DOH01-C32137GG-3450000 / DOH01-C32398GG / DOH01- C37181GG / DOH01-C32418GG / DOH01-C37201GG / DOH01- C36280GG-3450000 / DOH01- C36791GG-3450000 / DOH01-			
States Subtotal pass-through programs	93.994	New York State Department of Health	C36787GG-3450000	9,379,728	399,171 15,171,019	65,138
Total – U.S. Department of Health and Human Services				35,880,753	100,474,202	2,969,387

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster	Federal Expenditures	Expenditures to Subrecipients
U.S. Department of Agriculture WIC Special Supplemental Nutrition Program for Women, Infants, and Children WIC Special Supplemental Nutrition Program for Women,	10.557	New York State Department of Health	DOH01-C35504GG-3450000 / DOH01-C35510GG-3450000	\$ -	\$ 7,741,169	\$ -
Infants, and Children Total – U.S. Department of Agriculture	10.557 Total 10.557	The Council of State Governments	21-SA-053-2961		96,881 7,838,050 7,838,050	
US Department of Defense					7,838,030	
Direct programs: Military Medical Research and Development	12.420			1,315,959	1,315,959	11,465
Pass-through Programs:		Dignity Health d/b/a St. Joseph's Hospital &				
Military Medical Research and Development	12.420	Medical Center The Trustees of Columbia University in the	32689Feinstein	385,433	385,433	_
Military Medical Research and Development Subtotal pass-through programs	12.420 Total 12.420	City of New York	4(GG017876-01)	54,401 439,834	54,401 439,834	
Total – U. S. Department of Defense	10001120120			1,755,793	1,755,793	11,465
U.S. Department of Housing and Urban Development: CDBG – Disaster Recovery Grants – Pub. L. No. 113-2 Cluster: Hurricane Sandy Community Development Block Grant Disaster Recovery Grants (CDBG-DR) Total – U.S. Department of Housing and Urban Development	14.269	NYC Office of Management & Budget & Office of Recovery & Resiliency	B-13-MS-36-0001		410,367 410,367	<u> </u>
U.S. Department of Labor Direct programs: Apprenticeship USA Grants	17.285			-	80,000	-

Schedule of Expenditures of Federal Awards (continued)

Federal Grantor/Program Title/Project Title	Federal Assistance Listing Number	Pass-through Grantor	Pass-through ID Number/ Contract Number	Research and Development Cluster F	Expenditures Federal to Expenditures Subrecipients
U.S. Department of Labor (continued): Pass-through Programs: Apprenticeship USA Grants Subtotal pass-through programs Total – U. S. Department of Labor	17.285	New York State Department of Labor	DOL01-C21501GG-3550000	\$ - \$ - -	60,000 \$ - 60,000 - 140,000 -
U.S. Department of Transportation Formula Grants for Rural Areas and Tribal Transit Program	20.509	New York State Department of Transportation	C004240 CPS-2022-LIJ Medical Ctr-00222-	-	97,491 –
Highway Safety Cluster: National Priority Safety Programs Total – U.S. Department of Transportation	20.616	NYS Governor's Traffic Safety Committee	(030) / CPS-2023-LIJ Medical Ctr- 00216-(030) / HS1-2022-LIJ Medical Ctr-00174-(030) / HS1- 2023-LIJ Medical Ctr-00186-(030)		51,457 – 148,948 –
U.S. Department of Homeland Security Disaster Grants – Public Assistance (Presidentially Declared Disasters) COVID-19 Disaster Grants – Public Assistance (Presidentially Declared Disasters) Total – U.S. Department of Homeland Security Total Expenditures of Federal Awards	97.036 97.036	New York State Division of Homeland Security and Emergency Services New York State Division of Homeland Security and Emergency Services	Project #671970 P/W #443 FEMA-4480-DR	- - - \$ 37,636,546 \$	932,074 – 189,325,558 – 190,257,632 – 301,024,992 \$ 2,980,852

See accompanying notes.

⁽a) - Included within this balance are \$19,651 of expenditures for Assistance Listing Number 93.399 and \$419,595 of expenditures for Assistance Listing Number 93.855 which were funded with COVID-19 funding.

⁽b) – Expenditures for Assistance Listing Number 93.153 total \$697,252.

⁽c) – Expenditures for Assistance Listing Number 93.243 total \$606,708.

Notes to Schedule of Expenditures of Federal Awards

Year Ended December 31, 2022

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) includes the federal grant activities of Northwell Health, Inc. and its member corporations and other affiliated entities (collectively, Northwell) and is presented on the accrual basis of accounting. The information on the Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (the Uniform Guidance). Therefore, some amounts presented in the Schedule may differ from amounts presented in, or used in the preparation of, the consolidated financial statements of Northwell. For purposes of the Schedule, federal awards include any assistance provided by a federal agency directly or indirectly in the form of grants, contracts, cooperative agreements, loan and loan guarantees, or other non-cash assistance. In accordance with applicable requirements, certain programs may be presented in a fiscal period based on the program-specific guidance (see Notes 4 and 5).

Direct and indirect costs are charged to awards in accordance with cost principles contained in the United States Department of Health and Human Services (HHS) *Cost Principles for Hospitals* at 45 CFR Part 75 Appendix IX for Uniform Guidance awards. Under these cost principles, certain types of expenditures are not allowable or are limited as to reimbursement.

The Uniform Guidance provides for a 10% de minimis indirect cost rate election; however, Northwell did not make this election and uses a negotiated indirect cost rate.

2. Food and Nutrition Awards

During the year ended December 31, 2022, Northwell participated in the New York State Department of Health, WIC Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) through the provision of nutritional counseling and the distribution of food vouchers. The United States Department of Agriculture, the federal agency that sponsors the WIC program under Federal Assistance Listing Number (ALN) 10.557, has determined that WIC food instruments are considered "property in lieu of money" and, therefore, should be reported as federal awards received by Northwell.

The total amount reported as federal awards on the Schedule represents the value of food vouchers redeemed in the amount of \$6,739,865 plus administrative costs of \$1,098,185 for the year ended December 31, 2022. In addition to the federal funds received for the WIC program, in 2022, 12.3% of the WIC program's total administrative and nutritional counseling costs and none of the food voucher costs were funded by the State of New York Department of Health. Such amounts are excluded from the Schedule.

Notes to Schedule of Expenditures of Federal Awards (continued)

3. Vaccines for Children Program

During the year ended December 31, 2022, Northwell participated in the New York City Department of Health and Mental Hygiene Vaccines for Children Program (ALN 93.268) through the provision of vaccinations. HHS, the federal agency that sponsors this program, has determined that the vaccines administered are considered "property in lieu of money" and, therefore, should be reported as federal awards received by Northwell for purposes of presentation in the Schedule.

4. Federal Emergency Management Agency: Disaster Grants (ALN 97.036)

Northwell incurred certain expenditures related to Presidentially Declared Disasters: the COVID-19 pandemic and Hurricane Ida. Both events are eligible for reimbursement from the Federal Emergency Management Agency (FEMA) Disaster Grants – Public Assistance (Presidentially Declared Disasters) (ALN 97.036). In 2022, project worksheets totaling approximately \$190.3 million were approved for reimbursement by FEMA, and included on the accompanying Schedule for the year ended December 31, 2022. Approximately \$188.2 million was incurred during 2021 and 2020. The remaining \$2.1 million was incurred in 2022.

Other FEMA project worksheets have been submitted by Northwell but were not approved in 2022. Northwell will continue to finalize the project worksheets previously submitted to FEMA and intends to submit additional applications for funding for costs incurred; however, the ultimate amount that Northwell may be reimbursed is uncertain.

Notes to Schedule of Expenditures of Federal Awards (continued)

5. COVID-19 - Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution

In accordance with the HHS requirements specific to ALN 93.498, COVID-19 – Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution, the amount presented on the Schedule for the year ended December 31, 2022 relates to Provider Relief Fund (PRF) payments received from January 1, 2021 through December 31, 2021 used for lost revenues and health care related expenses for the period January 1, 2020 through December 31, 2022. The amounts presented reconcile to the PRF information previously reported to the Health Resources and Services Administration (HRSA) for PRF Reporting Periods 3 and 4 as follows:

Name of Reporting Entity for HRSA Reporting Period 3 and 4 Provider Relief Fund Reports	Pa Pre	Total PRF ayments for Period 3 ovider Relief und Report	P Pr	Total PRF ayments for Period 4 ovider Relief und Report	Re Ac Sch	ported on the ecompanying nedule for the Year Ended ecember 31, 2022
Long Island Jewish Medical Center	\$	_	\$	5,623,759	\$	5,623,759
Staten Island University Hospital	Ψ	_	Ψ	2,488,071	Ψ	2,488,071
South Shore University Hospital		_		1,445,538		1,445,538
Huntington Hospital Association		_		987,577		987,577
Central Suffolk Hospital Association (d/b/a Peconic				,		,
Bay Medical Center)		_		1,078,872		1,078,872
Plainview Hospital		_		534,269		534,269
Phelps Memorial Hospital Association		_		629,780		629,780
John T. Mather Memorial Hospital		15,283		738,142		753,425
Northern Westchester Hospital Association		17,042		560,893		577,935
Northwell Health Stern Family Center for						
Rehabilitation		_		1,677,366		1,677,366
Peconic Bay Primary Medical Center PC		_		315,625		315,625
Northwell Health, Inc.		26,971,669		11,047,769		38,019,438
Total PRF activity for the year ended December 31,						
2022	\$	27,003,994	\$	27,127,661	\$	54,131,655

Total Amount

Notes to Schedule of Expenditures of Federal Awards (continued)

5. COVID-19 – Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution (continued)

The lost revenues and health care related expenses attributable to COVID-19 incurred by Northwell during the period of availability for PRF Reporting Period 3 (January 1, 2020 through June 30, 2022) and PRF Reporting Period 4 (January 1, 2020 through December 31, 2022) are in excess of the general and targeted distributions received from January 1, 2021 through December 31, 2021, therefore, the amounts presented in the table above and on the accompanying Schedule are limited to the amount of such distributions. Northwell also received PRF payments subsequent to December 31, 2021, which are required to be reported in subsequent HRSA PRF Reporting Periods and, accordingly, pursuant to the requirements specific to ALN 93.498, activity related to such payments is excluded from the accompanying Schedule.



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*

The Management and the Board of Trustees Northwell Health, Inc.

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 (*Government Auditing Standards*), the consolidated financial statements of Northwell Health, Inc. and its member corporations and other affiliated entities (collectively, Northwell), which comprise the consolidated statements of financial position as of December 31, 2022, and the related consolidated statements of operations, changes in net assets, and cash flows for the year then ended, and the related notes (collectively referred to as the "financial statements"), and have issued our report thereon dated April 25, 2023.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Northwell's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Northwell's internal control. Accordingly, we do not express an opinion on the effectiveness of Northwell'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 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 Northwell's financial statements are free of 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 entity'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 entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Ernst & Young LLP

April 25, 2023



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

The Management and the Board of Trustees Northwell Health, Inc.

Report of Independent Auditors on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Northwell Health, Inc. and its member corporations and other affiliated entities' (collectively, Northwell) compliance with the types of compliance requirements identified as subject to audit in the U.S. Office of Management and Budget (OMB) *Compliance Supplement* that could have a direct and material effect on each of Northwell's major federal programs for the year ended December 31, 2022. Northwell'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, Northwell 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 December 31, 2022.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States (Government Auditing Standards); 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 Auditor's Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of Northwell 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 on compliance for each major federal program. Our audit does not provide a legal determination of Northwell'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 Northwell's federal programs.

Auditor's 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 Northwell'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 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 Northwell's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with 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 Northwell'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 Northwell'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 Northwell'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

We performed audit procedures with respect to the WIC Special Supplemental Nutrition Program for Women, Infants, and Children major federal program (Assistance Listing Number 10.557) related to the Eligibility compliance requirement as outlined in the OMB *Compliance Supplement* for the year ended December 31, 2022. For the eligibility criteria of "Identity and Residency" and "Income", we observed descriptions of documents reviewed by Northwell as evidence of participants' identities, residencies and income. Our audit procedures did not include observing direct evidence of participants' identities, residencies and income since Northwell is not required to maintain such direct evidence, and instead, may document descriptions of documents reviewed for identities, residencies and income according to 7 CFR section 246.7. Our opinion on the WIC Special Supplemental Nutrition Program for Women, Infants, and Children major federal program (Assistance Listing Number 10.557) is not modified with respect to this matter.

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 a combination of deficiencies, in internal control over 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 Auditor's 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.

Ernst + Young LLP

September 29, 2023

Schedule of Findings and Questioned Costs

Year Ended December 31, 2022

Section I – Summary of Auditor's Results

Financial Statements

Type of report the auditor issued on whether the financial statements audited were prepared in accordance with GAAP:	Unmodified	
Internal control over financial reporting: Material weakness(es) identified? Significant deficiency(ies) identified? Noncompliance material to financial statements noted?	yesX no	orted
Federal Awards		
Internal control over major federal programs: Material weakness(es) identified? Significant deficiency(ies) identified? Type of auditor's report issued on compliance for major federal programs:	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	rted
Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?	ves X no	

Schedule of Findings and Questioned Costs (continued)

Identification of major federal programs:

Federal Assistance Listing Numbers	Name of Federal Program or Cluster
Various	Research and Development Cluster
10.557	WIC Special Supplemental Nutrition Program for Women, Infants, and Children
93.498	COVID-19 Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution
Dollar threshold used to distinguish between Type A and Type B programs:	\$3,000,000
Auditee qualified as low-risk auditee?	_X yes no

Section II – Financial Statement Findings

None noted.

Section III - Federal Award Findings and Questioned Costs

None noted.

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Finding Reference Number:

Summary Schedule of Prior Audit Findings

Year Ended December 31, 2022

2020-001

Federal Program Information:	93.461 COVID-19 Claims Reimbursement to Health Care Providers and Facilities for Testing, Treatment, and Vaccine Administration for the Uninsured
Condition:	During the 2020 audit in testing controls over compliance for the Activities Allowed or Unallowed, it was noted that certain claims submitted in 2020 to the Health Resources and Services Administration (HRSA) for reimbursement were not in compliance with the program's terms and conditions for participation. Four claims totaling \$639 were submitted for an insured individual or for services rendered that were unrelated to COVID-19.
Status:	Since the inception of the HRSA COVID-19 Uninsured Program in 2020, management had improved its processes and internal controls through additional staff training and appeared plains reviews to half answer only eligible claims.

Program in 2020, management had improved its processes and internal controls through additional staff training and enhanced claim reviews to help ensure only eligible claims are submitted for services to uninsured patients related to the treatment of COVID-19 at Northwell's hospitals or by its employed physicians, or for COVID-19 lab testing or vaccine administration. Such processes included an insurance verification process to help ensure that claims are for patients without insurance coverage and other eligibility requirement checks. In addition, it is management's understanding that the vendor administering the program on behalf of HRSA also ran submitted claims through its own insurance verification process and may also have performed checks to ensure claims were for COVID-19 treatment, testing or vaccine administration before paying. Northwell refunded the four claims mentioned above and to the extent Northwell has become aware of any other erroneous



payments received under the program, it has returned the funds to HRSA. The HRSA COVID-19 uninsured program stopped accepting claims under this program in the Spring of 2022.

*No audit assurance has been provided on this schedule. This schedule is not subject to the auditor's report on compliance for each major program and report on internal control over compliance required by the Uniform Guidance.