

# **Mass General Brigham**

**Report on Federal Awards in**

**Accordance with the OMB Uniform Guidance**

**September 30, 2020**

**EIN 04-3230035**

**Mass General Brigham  
Report on Federal Awards in Accordance with the OMB Uniform Guidance  
Index  
September 30, 2020**

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## Report of Independent Auditors

To the Board of Directors of  
Mass General Brigham Incorporated

### **Report on the Consolidated Financial Statements**

We have audited the accompanying consolidated financial statements of Mass General Brigham Incorporated (Mass General Brigham) and its affiliates, which comprise the consolidated balance sheets as of September 30, 2020 and 2019, and the related consolidated statements of operations, of changes in net assets and of cash flows for the years then ended, and the related notes to the financial statements.

### ***Management's Responsibility for the Consolidated Financial Statements***

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

### ***Auditors' Responsibility***

Our responsibility is to express an opinion on the consolidated financial statements based on our audits. We conducted our audit[s] 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to Mass General Brigham's preparation and fair presentation of the consolidated financial statements 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 Mass General Brigham's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.



### ***Opinion***

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Mass General Brigham Incorporated and its affiliates as of September 30, 2020 and 2019, and the results of their operations, changes in net assets and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### ***Emphasis of Matter***

As discussed in Note 2 to the consolidated financial statements, Mass General Brigham Incorporated changed the manner in which it accounts for lease and net periodic pension and postretirement benefit costs in 2020. Our opinion is not modified with respect to these matters.

### ***Other Matters***

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended September 30, 2020 is presented for purposes of additional analysis as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) and is not a required part of the consolidated financial statements. The information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

### ***Other Reporting Required by Government Auditing Standards***

In accordance with Government Auditing Standards, we have also issued our report dated December 11, 2020 on our consideration of Mass General Brigham's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended September 30, 2020. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Mass General Brigham's internal control over financial reporting and compliance.

*Princetonhouse Cooper LLP*

Boston, Massachusetts

December 11, 2020

**Mass General Brigham Incorporated and Affiliates**  
**Consolidated Balance Sheets**  
**September 30, 2020 and 2019**

<i>(in thousands of dollars)</i>	<b>2020</b>	<b>2019</b>
<b>Assets</b>		
Current assets		
Cash and equivalents	\$ 2,129,189	\$ 283,807
Investments	1,142,275	2,791,502
Current portion of investments limited as to use	4,424,436	2,235,171
Patient accounts receivable, net	983,273	1,129,594
Research grants receivable, net	149,685	136,557
Other current assets	589,078	673,745
Total current assets	<u>9,417,936</u>	<u>7,250,376</u>
Investments limited as to use, less current portion	5,168,054	4,498,716
Long-term investments	2,179,220	1,997,617
Property and equipment, net	6,411,117	6,557,206
Right-of-use operating lease assets	1,139,626	-
Other assets	724,410	928,458
Total assets	<u>\$ 25,040,363</u>	<u>\$ 21,232,373</u>
<b>Liabilities and Net Assets</b>		
Current liabilities		
Current portion of long-term obligations	\$ 436,166	\$ 455,165
Accounts payable and accrued expenses	1,885,784	866,107
Accrued medical claims and related expenses	84,638	57,550
Accrued employee compensation and benefits	1,219,905	932,870
Current portion of operating lease obligations	191,259	-
Unexpended funds on research grants	367,858	262,017
Total current liabilities	<u>4,185,610</u>	<u>2,573,709</u>
Accrued professional liability	567,770	542,136
Accrued employee benefits	2,044,913	2,410,974
Interest rate swaps liability	662,384	510,579
Accrued other	197,986	187,060
Operating lease obligations, less current portion	797,096	-
Long-term obligations, less current portion	5,964,310	5,260,196
Total liabilities	<u>14,420,069</u>	<u>11,484,654</u>
Commitments and contingencies		
Net assets		
Unrestricted	8,099,064	7,358,335
Donor restricted	2,521,230	2,389,384
Total net assets	<u>10,620,294</u>	<u>9,747,719</u>
Total liabilities and net assets	<u>\$ 25,040,363</u>	<u>\$ 21,232,373</u>

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

**Mass General Brigham Incorporated and Affiliates**  
**Consolidated Statements of Operations**  
**Years Ended September 30, 2020 and 2019**

<i>(in thousands of dollars)</i>	<b>2020</b>	<b>2019</b>
<b>Operating revenues</b>		
Net patient service revenue	\$ 9,609,196	\$ 10,145,150
Premium revenue	830,191	791,356
Direct academic and research revenue	1,591,241	1,594,085
Indirect academic and research revenue	469,144	463,247
Other revenue	1,558,855	957,499
Total operating revenues	<u>14,058,627</u>	<u>13,951,337</u>
<b>Operating expenses</b>		
Employee compensation and benefit expenses	7,678,213	7,212,688
Supplies and other expenses	3,594,613	3,339,331
Medical claims and related expenses	610,310	556,110
Direct academic and research expenses	1,591,241	1,594,085
Depreciation and amortization expenses	742,187	686,374
Interest expense	192,576	180,922
Total operating expenses	<u>14,409,140</u>	<u>13,569,510</u>
(Loss) income from operations	<u>(350,513)</u>	<u>381,827</u>
<b>Nonoperating gains (expenses)</b>		
Income from investments	612,355	182,829
Change in fair value of interest rate swaps	(151,805)	(271,527)
Other nonoperating (expenses) income	(73,366)	(123,911)
Academic and research gifts, net of expenses	168,527	214,267
Non-service related pension income	58,317	102,679
Total nonoperating gains, net	<u>614,028</u>	<u>104,337</u>
Excess of revenues over expenses	263,515	486,164
<b>Other changes in net assets</b>		
Funds utilized for property and equipment	80,894	111,641
Change in funded status of defined benefit plans	376,740	(1,415,364)
Other changes in net assets	19,580	2,478
Cumulative effect of accounting change	-	1,100,081
Increase in unrestricted net assets	<u>\$ 740,729</u>	<u>\$ 285,000</u>

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

**Mass General Brigham Incorporated and Affiliates**  
**Consolidated Statements of Changes in Net Assets**  
**Years Ended September 30, 2020 and 2019**

<i>(in thousands of dollars)</i>	<b>Unrestricted</b>	<b>Donor Restricted</b>	<b>Total</b>
<b>Net assets at September 30, 2018</b>	<u>\$ 7,073,335</u>	<u>\$ 1,899,246</u>	<u>\$ 8,972,581</u>
Increases (decreases)			
Income from operations	381,827	-	381,827
Income (loss) from investments	182,829	(5,536)	177,293
Change in fair value of interest rate swaps	(271,527)	-	(271,527)
Other nonoperating (expenses) income	(123,911)	379,892	255,981
Academic and research gifts, net of expenses	214,267	-	214,267
Non-service related pension income	102,679	-	102,679
Funds utilized for property and equipment	111,641	(83,281)	28,360
Change in funded status of defined benefit plans	(1,415,364)	-	(1,415,364)
Other changes in net assets	2,478	1,880	4,358
Cumulative effect of accounting change	1,100,081	197,183	1,297,264
Change in net assets	<u>285,000</u>	<u>490,138</u>	<u>775,138</u>
<b>Net assets at September 30, 2019</b>	<u>7,358,335</u>	<u>2,389,384</u>	<u>9,747,719</u>
Increases (decreases)			
Loss from operations	(350,513)	-	(350,513)
Income from investments	612,355	85,376	697,731
Change in fair value of interest rate swaps	(151,805)	-	(151,805)
Other nonoperating (expenses) income	(73,366)	93,334	19,968
Academic and research gifts, net of expenses	168,527	-	168,527
Non-service related pension income	58,317	-	58,317
Funds utilized for property and equipment	80,894	(48,658)	32,236
Change in funded status of defined benefit plans	376,740	-	376,740
Other changes in net assets	19,580	1,794	21,374
Change in net assets	<u>740,729</u>	<u>131,846</u>	<u>872,575</u>
<b>Net assets at September 30, 2020</b>	<u>\$ 8,099,064</u>	<u>\$ 2,521,230</u>	<u>\$ 10,620,294</u>

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

**Mass General Brigham Incorporated and Affiliates**  
**Consolidated Statements of Cash Flows**  
**Years Ended September 30, 2020 and 2019**

<i>(in thousands of dollars)</i>	<b>2020</b>	<b>2019</b>
<b>Cash flows from operating activities</b>		
Change in net assets	\$ 872,575	\$ 775,138
Adjustments to reconcile change in net assets to net cash provided by operating activities		
Change in funded status of defined benefit plans	(376,740)	1,415,364
Loss on refunding of debt	24,817	836
Change in fair value of interest rate swaps	151,805	271,527
Depreciation and amortization	742,187	686,374
Amortization of bond discount, premium and issuance costs	(11,838)	(10,698)
Gain on disposal of property	(1,258)	(129)
Change in right-of-use operating lease assets	170,854	-
Net realized and change in unrealized appreciation on investments	(907,825)	(381,166)
Cumulative effect of accounting change	-	(1,297,264)
Restricted contributions and investment income	(121,064)	(303,785)
Cash premium upon issuance of bonds	79,262	-
Increases (decreases) in cash resulting from a change in		
Patient accounts receivable	148,008	(51,508)
Other assets	29,700	(41,960)
Accounts payable and other accrued expenses	510,870	136,895
Accrued medical claims and related expenses	27,088	(6,848)
Operating lease obligations	(211,546)	-
Settlements with third-party payers	35,040	(1,887)
Medicare accelerated payments	1,018,093	-
Net cash provided by operating activities	<u>2,180,028</u>	<u>1,190,889</u>
<b>Cash flows from investing activities</b>		
Purchases of property and equipment	(563,746)	(837,584)
Proceeds from sale of property	1,353	410
Purchase of investments	(2,350,917)	(3,653,436)
Proceeds from sales of investments	1,867,763	2,561,465
Net cash used for investing activities	<u>(1,045,547)</u>	<u>(1,929,145)</u>
<b>Cash flows from financing activities</b>		
Borrowings under lines of credit	375,000	-
Repayments under lines of credit	(375,000)	(52,848)
Payments on long-term obligations	(83,806)	(81,071)
Proceeds from long-term obligations, net of financing costs	1,463,860	559,238
Decrease in auction rate securities holdings	(29,985)	-
Deposits into refunding trusts	(760,232)	(105,454)
Restricted contributions and investment income	121,064	303,785
Net cash provided by financing activities	<u>710,901</u>	<u>623,650</u>
Net increase (decrease) in cash and equivalents	1,845,382	(114,606)
<b>Cash and equivalents</b>		
Beginning of year	<u>283,807</u>	<u>398,413</u>
End of year	<u>\$ 2,129,189</u>	<u>\$ 283,807</u>

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



# Mass General Brigham Incorporated and Affiliates

## Notes to Consolidated Financial Statements

### September 30, 2020 and 2019

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*(in thousands of dollars)*

#### 1. Organization and Community Benefit Commitments

Mass General Brigham Incorporated (the Company) (formerly known as Partners HealthCare System, Inc.) is the parent organization and sole corporate member of numerous organizations whose financial condition and operations are described in these consolidated financial statements. The terms Mass General Brigham, We, Our or Us as used herein, unless otherwise stated or indicated by context, refer collectively to the Company and its affiliated organizations.

Mass General Brigham operates academic medical centers, community acute care hospitals, inpatient and outpatient mental health services facilities, urgent care centers, facilities that provide rehabilitation medicine and long-term care services, physician organizations, home health services, nursing homes and a graduate level program for health professions. Our mission is to provide world class health care services to the local communities in which we operate as well as to patients across the United States and the world. In addition, we are a nonuniversity-based non-profit private medical research enterprise and a principal teaching affiliate of the medical and dental schools of Harvard University. Our licensed, not-for-profit managed care organization and licensed, for-profit insurance company (collectively referred to as AllWays Health) provide health insurance products and administrative services to the Massachusetts Medicaid program (MassHealth), ConnectorCare (a state subsidized program for adults who meet income and immigration guidelines) and commercial populations.

#### **Community Benefit**

Through our community benefit programs we work with community residents and organizations to make measurable, sustainable improvements in the health status of underserved populations. In addition, we support initiatives related to equity, social determinants of health and work force development. Our hospitals and licensed affiliated health centers partner with the community to help low-income, vulnerable families overcome barriers to health and wellbeing.

#### **Charity Care**

We provide charity care to all emergent patients regardless of their ability to pay. The cost of and reimbursement for providing that care, as reflected in the consolidated statements of operations, is summarized below.

#### **State Programs**

##### ***Massachusetts***

Acute care hospitals in The Commonwealth of Massachusetts (the Commonwealth or Massachusetts) are partially reimbursed for charity care services through the statewide Health Safety Net Trust Fund (HSN). A portion of the funding for the HSN is paid by an assessment on acute care hospitals' charges for private sector payers. The statewide assessment was \$165,308 in both 2020 and 2019 and the assessment expense on our acute care hospitals was \$61,973 and \$59,918 in 2020 and 2019, respectively.

Acute care hospitals are reimbursed for charity care based on claims for eligible patients and services that are submitted to and adjudicated by the HSN. Payments are based on Medicare rates and payment policies. The HSN was under-funded by approximately \$42,738 and \$61,461 in 2020 and 2019, respectively. This shortfall is allocated to acute care hospitals based on their share of total statewide patient care costs with our share being approximately \$12,064 and \$20,564 in 2020 and 2019, respectively. Each hospital's share of the overall state shortfall cannot exceed its total charity care reimbursement. Hospitals with a high proportion of charity care and

# Mass General Brigham Incorporated and Affiliates

## Notes to Consolidated Financial Statements

### September 30, 2020 and 2019

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*(in thousands of dollars)*

government funding receive more favorable reimbursement, including limiting their shortfall allocation to no more than 15% of their payments for charity care. In aggregate, our acute care hospitals received charity care funding covering 62% and 60% of the estimated cost of charity care provided in 2020 and 2019, respectively.

The Commonwealth levies an additional assessment on Massachusetts hospitals that is redistributed to the hospitals based on pay-for-performance criteria. The total assessment was \$257,500 in both 2020 and 2019 and our assessment expense was \$97,393 and \$93,053 in 2020 and 2019, respectively. The total amount redistributed to hospitals was \$265,000 in both 2020 and 2019 of which we received \$55,542 and \$56,496 in 2020 and 2019, respectively. Additionally, there is a separate assessment for our post-acute hospitals which totaled \$6,783 and \$6,912 in 2020 and 2019, respectively.

#### ***New Hampshire***

The State of New Hampshire (New Hampshire) imposes a Medicaid Enhancement Tax (MET) on hospital net patient service revenue. For both of New Hampshire's fiscal years ended June 30, 2020 and 2019, the MET imposed was 5.4%. We incurred \$18,513 and \$18,825 of MET in 2020 and 2019, respectively.

New Hampshire acute care hospitals receive disproportionate share payments based on a portion of their charity care relative to other acute care hospitals. We received \$10,697 and \$9,097 in 2020 and 2019, respectively.

#### ***Medicaid***

Medicaid is a health insurance program jointly funded by the states and the federal government. Each state administers its own program and sets rules for eligibility, benefits and provider payments within broad federal guidelines and in some cases, including the Commonwealth and New Hampshire, within a Waiver Agreement between each state and the federal government. The program provides health care coverage to low-income adults and children. Eligibility is determined by a variety of factors which include income relative to the federal poverty line, age, immigrant status and assets.

Medicaid payments to our providers do not cover the full cost of services provided to Medicaid patients. In aggregate, reimbursement from Medicaid covered approximately 62% and 64% of the estimated cost of services provided in 2020 and 2019, respectively.

#### **Federal Program**

##### ***Medicare***

Medicare is a federally sponsored health insurance program for people age 65 or older, under age 65 with certain disabilities and any age with End-Stage Renal Disease. Medicare's payments historically have not kept pace with increases in the cost of care provided at many hospitals. Additionally, payments to physicians have seen little or no increases over the past several years. Compounding this shortfall in payments is the continued shift of care from higher paying inpatient services to lower paying outpatient services.

Consequently, Medicare payments to our providers do not cover the full cost of services provided. In aggregate, reimbursement from Medicare covered approximately 68% and 73% of the estimated cost of services provided in 2020 and 2019, respectively.

**Mass General Brigham Incorporated and Affiliates**  
**Notes to Consolidated Financial Statements**  
**September 30, 2020 and 2019**

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(in thousands of dollars)

**Summary**

For charity care, Medicaid and Medicare, the estimated cost of services provided is either obtained directly from a costing system or based on an entity specific ratio of cost to gross charges. In the latter case, cost is derived by applying this ratio to gross charges associated with providing care to charity care, Medicaid and Medicare patients. The following summarizes, by program, the cost of services provided, net reimbursement and cost of services in excess of reimbursement for each year:

	<b>Years Ended September 30,</b>	
	<b>2020</b>	<b>2019</b>
<b>Cost of services provided</b>		
Charity care	\$ 90,473	\$ 84,758
Medicaid	1,275,389	1,216,139
Medicare	4,134,589	3,947,938
	<u>\$ 5,500,451</u>	<u>\$ 5,248,835</u>
<b>Net reimbursement</b>		
Charity care	\$ 45,632	\$ 40,251
Medicaid	795,865	781,013
Medicare	2,800,316	2,876,749
	<u>\$ 3,641,813</u>	<u>\$ 3,698,013</u>
<b>Cost of services in excess of reimbursement</b>		
Charity care	\$ 44,841	\$ 44,507
Medicaid	479,524	435,126
Medicare	1,334,273	1,071,189
	<u>\$ 1,858,638</u>	<u>\$ 1,550,822</u>

In addition to charity care and inadequate funding from the Medicaid and Medicare programs, there are significant losses related to self-pay patients who fail to make payment for services rendered or insured patients who fail to remit co-payments and deductibles as required under the applicable health insurance arrangement. The estimated cost of providing these services was approximately \$65,171 and \$70,743 for 2020 and 2019, respectively.

**2. Summary of Significant Accounting Policies**

**Basis of Accounting**

The accompanying consolidated financial statements have been prepared on the accrual basis of accounting and include the accounts of the Company and its affiliates. Significant interaffiliate accounts and transactions have been eliminated.

# Mass General Brigham Incorporated and Affiliates

## Notes to Consolidated Financial Statements

### September 30, 2020 and 2019

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(in thousands of dollars)

#### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Significant estimates are made in the areas of patient accounts receivable, research grants receivable, investments, receivables and accrual for settlements with third-party payers, accrued medical claims and related expenses, accrued employee compensation and benefits, accrued professional liability, interest rate swaps liability and accrued other.

#### **Income Taxes**

The Company and substantially all of its affiliates are tax-exempt organizations under Sections 501(c)(3) or 501(c)(4) of the Internal Revenue Code (IRC) or are disregarded entities for tax purposes.

In December 2017, the U.S. Government enacted comprehensive tax legislation commonly referred to as the Tax Cuts and Jobs Act (Tax Act). The Tax Act, effective in phases beginning in 2018, made broad and complex changes to the U.S. tax code. Beginning in 2018, the Tax Act required us to consider certain transportation fringe benefits provided to employees as unrelated business taxable income (UBTI). In addition, beginning in 2019, we were required to determine unrelated business income or loss on an activity-by-activity basis. In December of 2019, the provision of the Tax Act that considered certain transportation fringe benefits provided to employees as UBTI was repealed retroactive to its enactment. As a result, we filed amended tax returns to refund the taxes paid relative to this provision.

Total income tax (credit) expense of (\$6,666) and \$3,750 was recognized for the years ended September 30, 2020 and 2019, respectively.

#### **Adoption of New Accounting Guidance**

Mass General Brigham adopted the following Accounting Standards Updates (ASU) in 2020: *Compensation – Retirement Benefits, Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost (Pension Standard) and Leases (Leases Standard)*.

The Pension Standard requires that the service cost be presented in the same line item(s) as other employee compensation costs and that nonservice cost related income (expense) be presented within nonoperating results. Upon adoption of this standard, amounts related to nonservice cost components of pension and postretirement expenses for 2019 of \$102,679 were reclassified from employee compensation and benefit expenses to nonoperating gains (expenses) as the Pension Standard required retrospective adoption.

The Leases Standard requires a lessee to recognize a right-of-use asset and lease liability in its balance sheet, initially measured at the present value of the lease payments. The standard also expands the required quantitative and qualitative disclosures for leases. Effective October 1, 2019, we recognized approximately \$1,167,000 of lease assets and \$1,056,000 of lease liabilities as a result of the adoption of the Leases Standard. Prior year comparative financial statements have not been restated to reflect the adoption of this standard.

# Mass General Brigham Incorporated and Affiliates

## Notes to Consolidated Financial Statements

### September 30, 2020 and 2019

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(in thousands of dollars)

We adopted the following ASU's in 2019: *Revenue From Contracts with Customers* (Revenue Standard); *Financial Instruments-Overall: Recognition and Measurement of Financial Assets and Financial Liabilities* (Financial Instruments Standard); *Presentation of Financial Statements for Not-for-Profit entities* (Not-For-Profit Standard); and *Clarifying the Scope and the Accounting Guidance for Contributions Received and Contributions Made* (Contributions Standard).

The Revenue Standard implements a single framework for recognition of all revenue earned from customers in exchange contracts. This framework ensures that entities appropriately reflect the consideration to which they expect to be entitled in exchange for goods and services by allocating transaction price to identified performance obligations and recognizing revenue as performance obligations are satisfied. Qualitative and quantitative disclosures are required to enable users of financial statements to understand the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers. The Revenue Standard was adopted on October 1, 2018 using the modified retrospective transition method. The adoption of this standard did not have a significant impact on operations and applicable disclosures have been included.

The Financial Instruments Standard made changes to the recognition of and measurement of financial assets. We now record marketable investments at fair value with changes in fair value recognized as nonoperating investment income. The Financial Instruments Standard was adopted on October 1, 2018 with prospective application and a cumulative effect adjustment at the date of adoption. The impact of adopting this new accounting guidance resulted in a cumulative effect of accounting change of \$1,100,081 to unrestricted net assets and \$197,183 to donor restricted net assets.

The Not-For-Profit Standard makes targeted changes to the not-for-profit financial reporting model. The primary change under the new guidance is the presentation of two net asset classes versus the previously required three. The guidance also requires new disclosure about information useful for assessing liquidity and availability of resources. The Not-For-Profit Standard was adopted on October 1, 2018 using the retrospective transition method. The adoption of this standard did not have a significant impact on operations.

The Contributions Standard clarifies the definition of an exchange and nonexchange transaction and provides guidance on determining whether a nonexchange transaction (contribution) is conditional or unconditional. The Contributions Standard was adopted on October 1, 2018 using the modified prospective transition method. The adoption of this standard did not have a significant impact on operations.

#### **Fair Value of Financial Instruments**

The fair value of financial instruments approximates the carrying amount reported in the consolidated balance sheets for cash and equivalents, investments and investments limited as to use, patient accounts receivable, research grants receivable, accounts payable and accrued expenses and interest rate swaps liability.

# Mass General Brigham Incorporated and Affiliates

## Notes to Consolidated Financial Statements

### September 30, 2020 and 2019

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*(in thousands of dollars)*

#### **Cash and Equivalents**

Cash and equivalents represent cash, registered money market funds and highly liquid debt instruments with a maturity at the date of purchase of three months or less. Our cash and equivalents are maintained with several national banks, and cash deposits typically exceed federal insurance limits. Our policy is to monitor these banks' financial strength on an ongoing basis, and no losses have been experienced to date.

#### **Investments**

Investments in equity securities with readily determinable fair values, debt securities and alternative investments are measured at fair value. Alternative investments, consisting of various hedge funds, private equity funds, private debt funds, other private partnerships and restricted securities of public companies that are not traded on a national securities exchange, are valued based on amounts reported by the fund manager and evaluated by management. Investments in securities sold short or traded on a national securities exchange are valued based on quoted market prices.

Income from investments (including realized gains and losses, unrealized change in value of investments, interest, dividends and endowment income distributions) is included in excess of revenues over expenses unless the income or loss is restricted by donor or law. Income from investments is reported net of investment-related expenses.

Each year as part of our endowment spending policy, we establish a fixed distribution rate for spending. Distributions will come from either income and/or net accumulated appreciation.

#### **Investments Limited as to Use**

Investments limited as to use primarily include assets whose use is contractually limited by external parties as well as assets set aside by the boards (or management) for identified purposes and over which the boards (or management) retain control such that the boards (or management) may, at their discretion, subsequently use such assets for other purposes. Certain investments corresponding to deferred compensation are accounted for such that all income and appreciation (depreciation) is recorded as a direct addition (reduction) to the asset and corresponding liability.

#### **Derivative Instruments**

Derivatives are recognized on the balance sheet at fair value with changes in the fair value recorded in excess of revenues over expenses.

#### **Patient Accounts Receivable**

The payments received for healthcare services rendered from federal and state agencies (under the Medicare and Medicaid programs), managed care payers, commercial insurance companies and patients are subject to explicit and implicit discounts. These discounts are based on contractual agreements, discount policies and management's assessment of historical experiences and are reflected in the period of service.

#### **Research Grants Receivable**

Mass General Brigham receives research funding from departments and agencies of the U.S. Government, industry and other foundation sponsors. Research grants receivable include amounts due from these sponsors of externally funded research. These amounts have been billed or are billable to the sponsor, or in limited circumstances, represent accelerated spending in anticipation of future funding. Research grants receivable are recognized at net realizable value.

# Mass General Brigham Incorporated and Affiliates

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As of September 30, 2020, and 2019, we have approximately \$4,075,000 and \$3,760,000, respectively, of conditional research grants for future research to be performed. The timing and amounts of funds received under such grants are subject to continued government funding and may change over time.

#### **Other Current Assets**

Other current assets include prepaid expenses, inventory, nonpatient receivables, current portion of receivable for settlements with third-party payers, current portion of pledges receivable and premiums receivable. Inventory (primarily supplies and pharmaceuticals) is stated at an average cost or the lower of cost (first-in, first-out method) or market.

#### **Property and Equipment**

Property and equipment is reported on the basis of cost less accumulated depreciation. Donated items are recorded at fair value at the date of contribution. All research grants received for capital are recorded in the year of expenditure as a change in unrestricted net assets. Property and equipment is reviewed for impairment whenever events or changes in circumstances indicate that its carrying amount may not be recoverable. Depreciation of property and equipment is calculated by use of the straight-line method at rates intended to depreciate the cost of assets over their estimated useful lives, which generally range from three to fifty years. Interest costs incurred on borrowed funds during the period of construction of capital assets are capitalized, net of any interest earned, as a component of the cost of acquiring those assets.

#### **Asset Retirement Obligations**

Asset retirement obligations, reported in accrued other, are legal obligations associated with the retirement of long-lived assets. These liabilities are initially recorded at fair value and the related asset retirement costs are capitalized by increasing the carrying amount of the related assets by the same amount as the liability. Asset retirement costs are subsequently depreciated over the useful lives of the related assets. Any changes to the liability due either to the passage of time, better information or the settlement of an obligation are reflected in the current period.

#### **Other Assets**

Other assets consist of long-term receivables, intangible assets, malpractice insurance receivables, receivable for settlements with third-party payers, investments in healthcare related limited partnerships and long-term pledges and contributions receivable. The carrying value of other assets is evaluated for impairment if the facts and circumstances suggest that the carrying value may not be recoverable.

#### **Compensated Absences**

In accordance with formal policies concerning vacation and other compensated absences, accruals of \$375,627 and \$312,312 were recorded as of September 30, 2020 and 2019, respectively.

#### **Unexpended Funds on Research Grants**

Research grants received in advance of corresponding grant expenditures are accounted for as a direct addition to investments limited as to use and unexpended funds on research grants.

#### **Self-Insurance Reserves**

We are generally self-insured for employee healthcare, disability, workers' compensation and certain other employee benefits. These costs are accounted for on an accrual basis to include estimates of future payments for claims incurred prior to year-end.

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#### **Net Assets**

Donor restricted net assets include (a) the historical dollar amounts of contributions and the income and gains on such contributions which are required by donors to be retained and (b) contributions and the income and gains on these contributions which can be expended but for which restrictions have not yet been met. Such restrictions include purpose restrictions where donors have specified the purpose for which the net assets are to be spent, or time restrictions imposed by donors or implied by the nature of the contribution (capital projects, pledges to be paid in the future and life income funds) or by interpretations of law (gains available for appropriation but not appropriated in the current period). All remaining net assets are considered unrestricted.

Realized gains and losses are classified as unrestricted net assets unless they are restricted by the donor or law. Realized gains and net unrealized appreciation on donor restricted contributions are classified as donor restricted until appropriated for spending in accordance with policies established by Mass General Brigham and applicable provisions of the Uniform Prudent Management of Institutional Funds Acts (UPMIFA). Net losses on donor restricted endowment funds are classified as a reduction to donor restricted net assets.

#### **Contributed Securities**

Our policy is to sell securities contributed by donors upon receipt, unless prevented from doing so by donor request. For the years ended September 30, 2020 and 2019, contributed securities of \$80,461 and \$59,356, respectively, were received and liquidated. Donors restricted \$10,787 and \$18,949 of the proceeds received from the sale of these contributed securities for long-term purpose for the years ended September 30, 2020 and 2019, respectively.

#### **Statement of Operations**

Activities deemed by management to be ongoing, major and central to the provision of healthcare services, teaching, research activities and health insurance are reported as operating revenues and expenses. Other activities are deemed to be nonoperating and include unrestricted contributions (net of fundraising expenses), external community benefit program support, net change in unexpended academic and research contributions, change in fair value of interest rate swaps, substantially all income (loss) from investments, interest on advanced borrowings and nonservice related pension income. Academic and research contributions largely consist of donor contributions (and the related investment income including realized gains and losses) designated to support the clinical, teaching or research efforts of a physician or department as directed by the donor. These contributions are reported as unrestricted, net of related support expenses, when donor restrictions are of a general nature that are inherent in the normal activities of the organization.

The consolidated statements of operations include excess of revenues over expenses. Changes in unrestricted net assets, which are excluded from excess of revenues over expenses, include contributions of long-lived assets (including assets acquired using contributions which by donor restriction were to be used for acquisition of such assets), change in funded status of defined benefit plans and cumulative effect of accounting change.



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#### **Revenues**

To determine the appropriate revenue recognition policy, we first assess whether the transaction is an exchange or nonexchange transaction in accordance with accounting guidance. In general, an exchange transaction consists of an exchange of goods and/or services for commensurate value. Transactions that consist of transferring goods and/or services without receiving commensurate value in return are considered nonexchange transactions.

For exchange transactions, revenue is recognized as goods and/or services are provided and is based on the amount expected to be received in exchange for those goods and/or services. Revenue recognized as exchange transactions include net patient service revenue, premium revenue and other revenue.

Nonexchange transactions include contributions and grants for which the service provider does not receive commensurate value in return for the funding.

#### **Contributions**

Contributions are reported as other nonoperating gains in the consolidated statements of operations. Unconditional promises to give cash and other assets are reported at fair value at the date the promise is received. Conditional promises to give are recognized when the conditions are substantially met. Contributions are reported as donor restricted support if they are received with donor stipulations that limit the use of the donated assets. Donor restricted contributions whose restrictions are met within the same year as received are reported as unrestricted contributions in the consolidated statements of operations.

Contributions of long-lived assets with explicit restrictions that specify use of assets and contributions of cash or other assets that must be used to acquire long-lived assets are reported as additions to donor restricted net assets if the assets are not placed in service during the year.

#### **Grants**

Grants and contracts normally provide for the recovery of direct and indirect costs, subject to audit. Revenue associated with direct and indirect costs is recognized as direct costs are incurred. The recovery of indirect costs is based on predetermined rates for U.S. Government grants and contracts and negotiated rates for other grants and contracts.

#### **Medical Claims and Related Expenses**

AllWays Health contracts with various community health centers, hospital-based primary care physician practices and other health care providers for the delivery of services to its members and compensates these providers on a capitated, fee-for-service, per diem or diagnosis-related group basis.

The cost of contracted health care services is accrued in the period in which services are provided and include certain estimated amounts. The estimated liability for medical claims and related expenses is actuarially determined based on analysis of historical claims-paid experience, modified for changes in enrollment, inflation and benefit coverage. The liability for medical claims and related expenses represents the anticipated cost of claims incurred but unpaid at the balance sheet date. The estimates for claims expense may differ than the amounts ultimately paid when claims are settled and changes in estimates are reflected in the current period in the consolidated statements of operations.

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In the normal course of business, overpayments are recouped through reductions in future payments made to hospitals and other providers. Such overpayments are the result of, among other things, coordination of benefits and provider claim audits. For the years ended September 30, 2020 and 2019, we recorded a reduction in medical claims expense of \$19,968 and \$32,213, respectively, for such overpayments. As of September 30, 2020 and 2019, respectively, approximately \$1,629 and \$803 are recorded as receivables related to such overpayments.

#### **Reinsurance**

Reinsurance premiums are reported in medical claims and related expenses and reinsurance recoveries are reported as reductions in medical claims and related expenses.

#### **Settlements**

AllWays Health contracts with certain providers at negotiated rates based on historical and anticipated experience. These methods of reimbursement result in settlements based on actual versus anticipated experience which could result in either payments due from (to) these providers. Settlements receivable of \$5,514 and \$2,423 were recorded in other current assets as of September 30, 2020 and 2019, respectively. Settlements payable of \$2,921 and \$701 were recorded in accrued medical claims and related expenses as of September 30, 2020 and 2019, respectively. The settlements are intended to include both reported and unreported incurred claims as of September 30, 2020 and 2019.

In 2014, the Affordable Care Act introduced new settlements related to a risk adjustment program, a risk corridor program and a reinsurance program designed to mitigate the transitional impact on insurers for new members. The risk corridor program and reinsurance program ended on December 31, 2016 in accordance with the provision of the Affordable Care Act. Our estimated net receivable due from the federal government for these programs was \$65,753 and \$56,370 at September 30, 2020 and 2019, respectively. Similar to the federal program, Executive Office of Health and Human Services of the Commonwealth (EOHHS) has a risk corridor program, and our estimated net payable due to EOHHS was \$2,186 and \$7,848 as of September 30, 2020 and 2019, respectively.

#### **Premium Deficiency Reserves**

Premium deficiency reserves are assessed and recognized on a product line basis based upon expected premium revenue, medical expense and administrative expense levels, and remaining contractual obligations using historical experience. There were no premium deficiency reserves as of September 30, 2020 or 2019.

#### **Claims Adjustment Expenses**

Claims adjustment expenses (CAE) are those costs expected to be incurred in connection with the adjustment and recording of health claims. We have recorded an estimate of unpaid CAE associated with incurred but unpaid claims, which is included in medical claims and related expenses in the accompanying consolidated statements of operations. Management believes the amount of the liability for unpaid CAE as of September 30, 2020, is adequate to cover the cost for the adjustment and recording of unpaid claims; however, actual expenses may differ from those established estimates. Adjustments to the estimates for unpaid CAE are reflected in operating results in the period in which the change in estimate is identified.

# Mass General Brigham Incorporated and Affiliates

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#### 3. Pandemic

On March 11, 2020, the World Health Organization designated COVID-19 as a global pandemic resulting in an extraordinary impact to patient activity in 2020. Federal and state policies, including declarations of a state of emergency by the governors of Massachusetts and New Hampshire on March 10 and March 27, respectively, were enacted to help contain the spread of COVID-19. Beginning on March 18, 2020, our Massachusetts facilities were prohibited from performing nonessential elective procedures. On June 8, 2020, Massachusetts entered phase two of its reopening plan, which permitted our Massachusetts facilities to provide in-person care for certain routine services. Our New Hampshire facilities generally followed a similar timeline.

In response to COVID-19, the Coronavirus Aid Relief and Economic Security (CARES) Act was enacted which provided different types of economic support to a wide variety of companies and individuals. Mass General Brigham employed several CARES Act provisions, with the most significant impacts summarized below.

##### **Medicare Accelerated Payments (MAP)**

As of September 30, 2020, we received approximately \$1,018,093 in MAP funding which is recorded in the current portion of accrual for settlements with third-party payers. Medicare will recoup these payments beginning in April 2021 by withholding 25% of Medicare reimbursements through February 2022, 50% of Medicare reimbursements beginning in March 2022 and final recoupments completed by August 2022.

##### **Deferred Payment of Employer Payroll Taxes**

As of September 30, 2020, we have accumulated \$165,088 of deferred employer payroll taxes within accrued employee compensation and benefits. The CARES Act allows for deferred payments of only the employer share of payroll taxes through December 31, 2020 and requires payment of 50% of these deferred taxes by December 31, 2021 and 50% by December 31, 2022. We intend to continue to defer our payments until the end of the calendar year 2020.

##### **Provider Relief Funds (PRF)**

For the year ended September 30, 2020, we recognized approximately \$546,373 of permanent grants from the PRF within other operating revenue. PRF were used to prevent, prepare for and respond to known or suspected cases of COVID-19, to maintain health care capacity and for lost revenues attributable to COVID-19. Based on our interpretation of available information as of September 30, 2020, we have deferred \$51,759 of PRF we received. These estimates could change as additional guidance becomes available.

#### 4. Operating Revenues

##### **Net Patient Service Revenue**

Mass General Brigham's providers maintain agreements with The Centers for Medicare and Medicaid Services under the Medicare program, the Commonwealth under the Medicaid program and various managed care payers that govern payment for services rendered to patients covered by these agreements. The agreements generally provide for per case or per diem rates or payments based on discounted charges for inpatient care and discounted charges or fee schedules for outpatient care. Certain contracts also provide for payments that are contingent upon meeting agreed upon quality and efficiency measures.

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We recognize net patient service revenue for services provided to patients who have third-party payer coverage based on contractual rates for the services rendered. For uninsured patients that do not qualify for charity care, we recognize revenue based on our standard rates (subject to discounts) for services provided. Based on our historical experience, a significant portion of uninsured patients are unable or fail to pay for the services provided. Consequently, we have provided implicit discounts to uninsured patients. These discounts represent the difference between amounts billed to patients and amounts expected to be collected based on historical experience. The following summarizes net patient service revenue, net of contractual adjustments and discounts by significant payer:

	Years Ended September 30,			
	2020		2019	
<b>Net patient service revenue (net of contractual adjustments and discounts)</b>				
Medicare	\$ 2,348,346	24.5%	\$ 2,495,102	24.6%
Medicare managed care	451,970	4.7%	446,198	4.4%
Medicaid	644,897	6.7%	651,594	6.4%
Medicaid managed care	150,968	1.6%	151,204	1.5%
Massachusetts's managed care organizations	3,579,093	37.2%	3,970,248	39.1%
Other commercial	1,999,249	20.8%	1,906,389	18.8%
All others	434,673	4.5%	524,415	5.2%
Total all payers	<u>\$ 9,609,196</u>	<u>100.0%</u>	<u>\$ 10,145,150</u>	<u>100.0%</u>

Net patient service revenue includes estimated retroactive revenue adjustments due to future audits, reviews and investigations. Retroactive adjustments are considered in the recognition of revenue on an estimated basis in the period the related services are rendered, and such amounts are adjusted in future periods as adjustments become known or as years are no longer subject to such audits, reviews and investigations. Contracts, laws and regulations governing the Medicare, Medicaid and charity care programs and managed care payer arrangements are complex and subject to interpretation. As a result, there is at least a reasonable possibility that recorded estimates will change by a material amount in the near term. A portion of the accrual for settlements with third-party payers has been classified as long-term because such amounts, by their nature or by virtue of regulation or legislation, will not be paid within one year.

Third-party payers (accrual) receivable consists of the following:

	Balance Sheet Classification	September 30,	
		2020	2019
<b>Current portion</b>			
Receivable for settlements with third-party payers	Other current assets	\$ 70,633	\$ 116,791
Accrual for settlements with third-party payers	Accounts payable and accrued expenses	(1,080,524)	(75,287)
		<u>(1,009,891)</u>	<u>41,504</u>
<b>Long-term portion</b>			
Receivable for settlements with third-party payers	Other assets	15,340	10,776
Accrual for settlements with third-party payers	Accrued Other	(33,291)	(26,989)
		<u>(17,951)</u>	<u>(16,213)</u>
Third-party payers (accrual) receivable		<u>\$ (1,027,842)</u>	<u>\$ 25,291</u>

**Mass General Brigham Incorporated and Affiliates**  
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We recognize changes in third-party payer settlements and other estimates in the year of the change in estimate. For the years ended September 30, 2020 and 2019, adjustments to prior year estimates resulted in an increase to income from operations of \$28,474 and \$40,448, respectively. Subsequent changes to estimated discounts are generally recorded as adjustments to net patient service revenue in the period of change.

We provide either full or partial charity care to patients who cannot afford to pay for their medical services based on income and family size. Charity care is generally available to qualifying patients for medically necessary services. We report certain bad debts related to emergency services as charity care. As there is no expectation of collection, there is no net patient service revenue recorded related to charity care.

**Premium Revenue**

Premiums are due monthly and are recorded as earned during the period in which members are eligible to receive services. Premiums received prior to the first day of the coverage period are recorded as unearned premiums in accounts payable and accrued expenses.

**Academic and Research Revenue**

Academic and research revenue is recognized as either an exchange or nonexchange transaction, depending on the contract type. The following table sets forth total academic and research revenue received by funding source:

	<u>Years Ended September 30,</u>			
	<u>2020</u>		<u>2019</u>	
National Institute of Health and other federal agencies	\$ 873,811	42.4%	\$ 890,493	43.3%
Federal subcontracts	188,050	9.1%	188,008	9.1%
Industry/Corporate	159,593	7.8%	162,670	7.9%
Foundations/non-profits and other sponsors	589,261	28.6%	583,800	28.4%
Total research revenue	<u>1,810,715</u>		<u>1,824,971</u>	
Academic revenue	<u>249,670</u>	12.1%	<u>232,361</u>	11.3%
Total academic and research revenue	<u>\$ 2,060,385</u>	<u>100.0%</u>	<u>\$ 2,057,332</u>	<u>100.0%</u>

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**Other Revenue**

Other revenue includes all other operating revenue sources, the most significant being the following:

	<b>Years Ended September 30,</b>	
	<b>2020</b>	<b>2019</b>
Provider relief funds (CARES)	\$ 546,373	\$ -
Specialty and retail pharmacy operations	298,070	178,994
Intellectual property and royalties	92,301	96,558
Parking and office rentals	59,770	76,110
Tuition	59,216	61,993
Outsourced services	36,832	38,729
Cafeteria sales	27,959	37,729
Contract administrative fees	32,432	33,410
International contracts	18,971	31,246
Blood factor sales	26,071	27,530
Accountable care organization administration fees	23,706	21,118
Consulting services	15,096	15,004
Investment income	13,716	13,759
Other	308,342	325,319
Total other revenue	<u>\$ 1,558,855</u>	<u>\$ 957,499</u>

**5. Liquidity and Availability**

Cash and investments are managed centrally under policies developed by the Investment Committee and reviewed by the Finance Committee of the Company's Board of Directors. Wherever possible, funds are commingled and are assigned to one of three investment pools (the Money Market Pool, the Aggregate Bond Pool and the Long-Term Pool, collectively, the Pools) which have been structured to provide a range of investment objectives, risk profiles and rates of return appropriate for our assets. Funds are allocated among the Pools based on expected liquidity needs as determined by multi-year financial plans, restrictions and management judgment.

The tiered time horizon structure of the Pools is designed to meet anticipated and contingent liquidity needs. The following tables set forth the periods within which funds are available to meet liquidity needs and, based on redemption provisions with investment managers, the specific Pools from which such funds would be drawn as of:

Investment Pool	<b>September 30, 2020</b>						Total
	<b>Same Day</b>	<b>1 Week</b>	<b>1 Month</b>	<b>3 Months</b>	<b>1 Year</b>	<b>&gt; 1 Year</b>	
Money market	\$ 2,278,647	\$ -	\$ 29,985	\$ -	\$ -	\$ -	\$ 2,308,632
Aggregate bond	550,234	71,194	-	-	-	-	621,428
Long-term	1,559,655	524,340	1,729,144	1,995,487	1,463,834	3,791,263	11,063,723
Total	<u>\$ 4,388,536</u>	<u>\$ 595,534</u>	<u>\$ 1,759,129</u>	<u>\$ 1,995,487</u>	<u>\$ 1,463,834</u>	<u>\$ 3,791,263</u>	<u>\$ 13,993,783</u>
Cumulative total	\$ 4,388,536	\$ 4,984,070	\$ 6,743,199	\$ 8,738,686	\$ 10,202,520	\$ 13,993,783	

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Investment Pool	September 30, 2019						Total
	Same Day	1 Week	1 Month	3 Months	1 Year	> 1 Year	
Money market	\$ 251,956	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 251,956
Aggregate bond	459,594	70,043	60,856	-	-	-	590,493
Long-term	31,011	1,593,065	2,236,094	1,716,957	837,611	3,455,405	9,870,143
Total	<u>\$ 742,561</u>	<u>\$ 1,663,108</u>	<u>\$ 2,296,950</u>	<u>\$ 1,716,957</u>	<u>\$ 837,611</u>	<u>\$ 3,455,405</u>	<u>\$ 10,712,592</u>
Cumulative total	\$ 742,561	\$ 2,405,669	\$ 4,702,619	\$ 6,419,576	\$ 7,257,187	\$ 10,712,592	

The market value of the Aggregate Bond Pool consisted of the following:

	September 30,	
	2020	2019
Short-term investments and U.S. Treasuries	\$ 317,812	\$ 459,594
Separately managed mortgage and asset-backed securities and corporate bonds	169,060	70,043
Commingled fixed income vehicles	134,556	60,856
Total of Aggregate Bond Pool	<u>\$ 621,428</u>	<u>\$ 590,493</u>

As of September 30, 2020 and 2019, we had cash and equivalents not included in the Pools of \$79,817 and \$198,775, respectively. As of September 30, 2020 and 2019, we had net patient accounts receivable of \$983,273 and \$1,129,594, respectively, that would be available for general expenditures within one year of the balance sheet dates.

In addition, we maintain two lines of credit aggregating \$375,000 as well as a \$500,000 Taxable Commercial Paper program that provide access to same day funds.

**6. Investments and Investments Limited as to Use**

Investments are either invested in the Pools or separately managed. Substantially all affiliates participate in the Pools. Their respective ownership interests are tracked and updated monthly and are accounted for using the fair value method. Income (including realized gains and losses) from the Pools is allocated to each participant on a monthly basis based on its proportionate interest in the Pools.

Oversight of the management of the investable assets, including the Pools and pension assets, is provided by the Investment Committee of the Company's Board of Directors which seeks to achieve incremental returns by manager selection and asset allocation (increasing/decreasing allocations within allowable ranges based on current and projected valuations). The Committee is supported by a professional staff, an outside investment consultant and a pension actuarial consultant.

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We utilize a target allocation policy and balance projected returns, correlation and volatility of various asset classes within the overall risk tolerance. Asset allocations are managed based on relative valuations among and within asset classes and the perceived ability of managers to outperform passive benchmarks. Exposure by asset class is the sum of allocation to those managers whose mandates most closely fit the listed asset classes. Asset allocation can and will deviate from target exposures and is regularly monitored for rebalancing.

The Pools invest in a variety of assets which include private partnerships whose assets include equity, fixed income and other investments. As of September 30, 2020, the Pools have unfunded commitments of approximately \$1,213,640 which will be drawn down by the various general partners over the next several years. The maximum annual drawdown is expected to be 3% to 5% of investments and investments limited as to use.

Investments and investments limited as to use are recorded in the balance sheet as follows:

	<b>September 30,</b>	
	<b>2020</b>	<b>2019</b>
<b>Current assets</b>		
Investments	\$ 1,142,275	\$ 2,791,502
Current portion of investments limited as to use	<u>4,424,436</u>	<u>2,235,171</u>
	5,566,711	5,026,673
<b>Long-term assets</b>		
Investments limited as to use, less current portion	5,168,054	4,498,716
Long-term investments	<u>2,179,220</u>	<u>1,997,617</u>
	<u>\$ 12,913,985</u>	<u>\$ 11,523,006</u>

Investments limited as to use consist of the following:

	<b>September 30, 2020</b>		<b>September 30, 2019</b>	
	<b>Current Portion</b>	<b>Long-Term Portion</b>	<b>Current Portion</b>	<b>Long-Term Portion</b>
<b>Internally designated funds</b>				
Reserved for capital expenditures	\$ 1,025,715	\$ -	\$ 1,153,160	\$ -
Unexpended academic and research gifts	-	3,989,810	-	3,659,920
Deferred compensation	-	474,875	-	405,032
Other	<u>2,721,020</u>	<u>666,489</u>	<u>612,505</u>	<u>398,384</u>
	3,746,735	5,131,174	1,765,665	4,463,336
<b>Externally limited funds</b>				
Unexpended funds on research	367,858	-	262,017	-
Contributions held for others	1,742	-	2,051	-
Professional liability trust fund	-	36,880	-	35,380
Held by trustees under debt and other agreements	<u>308,101</u>	<u>-</u>	<u>205,438</u>	<u>-</u>
	677,701	36,880	469,506	35,380
	<u>\$ 4,424,436</u>	<u>\$ 5,168,054</u>	<u>\$ 2,235,171</u>	<u>\$ 4,498,716</u>



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Investment income and gains (losses) from cash and equivalents, investments, investments limited as to use and beneficial interests in perpetual trusts comprise the following:

	<b>Years Ended September 30,</b>	
	<b>2020</b>	<b>2019</b>
<b>Unrestricted</b>		
Dividends, interest and other income	\$ 27,512	\$ 55,891
Endowment income distributions, net of reinvested gains	68,404	57,559
Net realized gains on investments	348,020	419,858
Change in unrealized appreciation of investments	399,666	(97,045)
Total investment activity included in excess of revenues over expenses	<u>843,602</u>	<u>436,263</u>
<b>Donor restricted</b>		
Dividends and interest income	1,105	5,630
Endowment income distributions	(75,868)	(69,519)
Net realized gains on investments	74,061	91,044
Change in unrealized appreciation of investments	86,078	(32,691)
Change in value of beneficial interests in perpetual trusts	1,794	916
Total donor restricted investment activity	<u>87,170</u>	<u>(4,620)</u>
Total investment income and gains	<u>\$ 930,772</u>	<u>\$ 431,643</u>

Investment income included in operating results and excess of revenues over expenses comprise the following:

	<b>Years Ended September 30,</b>	
	<b>2020</b>	<b>2019</b>
Investment income included in operations and reported in other revenue	\$ 13,716	\$ 13,759
Investment income included in nonoperating gains and reported in		
Income from investments	612,355	182,829
Academic and research gifts, net of expenses	217,531	239,675
Total investment activity included in excess of revenues over expenses	<u>\$ 843,602</u>	<u>\$ 436,263</u>

**7. Fair Value Measurements**

Fair value is defined as 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 (also referred to as exit price). Therefore, a fair value measurement should be determined based on the assumptions that market participants would use in pricing the asset or liability. In determining fair value, the use of various valuation approaches, including market, income and cost approaches, is permitted.

# Mass General Brigham Incorporated and Affiliates

## Notes to Consolidated Financial Statements

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#### **Fair Value Hierarchy**

A fair value hierarchy has been established based on whether the inputs to valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect the reporting entity's assumptions about the inputs market participants would use. The fair value hierarchy requires the reporting entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. In addition, for hierarchy classification purposes, the reporting entity should not look through the form of an investment to the nature of the underlying securities held by an investee.

The hierarchy is described below.

- Level 1 Valuations using quoted prices in active markets for identical assets or liabilities. Valuations of these products do not require a significant degree of judgment. Level 1 assets and liabilities primarily include debt and equity securities that are traded in an active exchange market.
- Level 2 Valuations using observable inputs other than Level 1 prices such as quoted prices in active markets for similar assets or liabilities; quoted prices for identical or similar assets or liabilities in markets that are not active; broker or dealer quotations; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities. Level 2 assets and liabilities primarily include debt securities with quoted prices that are traded less frequently than exchange-traded instruments as well as debt securities and derivative contracts whose value is determined using a pricing model with inputs that are observable in the market or can be derived principally from or corroborated by observable market data.
- Level 3 Valuations using unobservable inputs that are supported by little or no market activity and are significant to the fair value of the assets or liabilities. Level 3 includes assets and liabilities whose value is determined using pricing models, discounted cash flow methodologies, or similar techniques reflecting the reporting entity's assumptions about the assumptions market participants would use as well as those requiring significant management judgment.

#### **Valuation Techniques**

Pooled investments, separately invested short-term investments and debt and equity securities are classified within Level 1 or Level 2 of the fair value hierarchy as they are valued using quoted market prices, broker or dealer quotations, or other observable pricing sources. Certain types of investments are classified within Level 3 of the fair value hierarchy because they have little or no market activity and therefore have little or no observable inputs with which to measure fair value.

The valuation of interest rate swaps is determined using widely accepted valuation techniques, including discounted cash flow analysis on the expected cash flows of each derivative. This analysis reflects the contractual terms of the derivatives, including the period to maturity, and uses observable market-based inputs, including interest rate curves and implied volatilities.

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The following tables summarize financial assets and liabilities measured at fair value on a recurring basis as of:

	September 30, 2020				Total
	Fair Value Measurements Using				
	Quoted Prices in Active Markets for Identical Items (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Investments Valued Using NAV as a Practical Expedient	
<b>Assets</b>					
Pooled investments					
Short-term investments	\$ 1,628,674	\$ 679,958	\$ -	\$ -	\$ 2,308,632
Separately managed investments	1,693,788	732,375	-	-	2,426,163
Mutual funds	134,555	-	-	-	134,555
Commingled funds	-	1,164,116	-	-	1,164,116
Private partnerships and other	-	-	-	7,960,317	7,960,317
	<u>3,457,017</u>	<u>2,576,449</u>	<u>-</u>	<u>7,960,317</u>	<u>13,993,783</u>
Separately invested					
Short-term investments	103,865	-	-	-	103,865
Equities	66,803	-	-	-	66,803
Mutual funds	532,755	130,690	-	-	663,445
Beneficial interests in perpetual assets	-	-	52,864	-	52,864
	<u>703,423</u>	<u>130,690</u>	<u>52,864</u>	<u>-</u>	<u>886,977</u>
	<u>\$ 4,160,440</u>	<u>\$ 2,707,139</u>	<u>\$ 52,864</u>	<u>\$ 7,960,317</u>	<u>\$ 14,880,760</u>
<b>Interest rate swaps</b>					
Liabilities		\$ (662,384)			\$ (662,384)

	September 30, 2019				Total
	Fair Value Measurements Using				
	Quoted Prices in Active Markets for Identical Items (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Investments Valued Using NAV as a Practical Expedient	
<b>Assets</b>					
Pooled investments					
Short-term investments	\$ 77,760	\$ 174,195	\$ -	\$ -	\$ 251,955
Separately managed investments	1,697,302	265,838	-	-	1,963,140
Mutual funds	70,043	-	-	-	70,043
Commingled funds	-	1,451,470	-	-	1,451,470
Private partnerships and other	-	-	-	6,975,984	6,975,984
	<u>1,845,105</u>	<u>1,891,503</u>	<u>-</u>	<u>6,975,984</u>	<u>10,712,592</u>
Separately invested					
Short-term investments	124,688	-	-	-	124,688
Equities	36,266	-	-	-	36,266
Mutual funds	534,423	33,874	-	-	568,297
Beneficial interests in perpetual assets	-	-	50,457	-	50,457
	<u>695,377</u>	<u>33,874</u>	<u>50,457</u>	<u>-</u>	<u>779,708</u>
	<u>\$ 2,540,482</u>	<u>\$ 1,925,377</u>	<u>\$ 50,457</u>	<u>\$ 6,975,984</u>	<u>\$ 11,492,300</u>
<b>Interest rate swaps</b>					
Liabilities		\$ (510,579)			\$ (510,579)

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**8. Pledges and Contributions Receivable**

Pledges receivable represent unconditional promises to give and are net of allowances for uncollectible amounts. Pledges are recorded at the present value of their estimated future cash flows. Pledges collectible within one year are classified as other current assets, net of allowances, and total \$101,517 and \$107,586 as of September 30, 2020 and 2019, respectively. Estimated cash flows due after one year are discounted using published treasury bond and note yields that are commensurate with estimated collection risks. The blended discount rate was 0.2% and 1.6% for 2020 and 2019, respectively. Pledges are expected to be collected as follows:

	<b>September 30,</b>	
	<b>2020</b>	<b>2019</b>
Amounts due		
Within one year	\$ 128,375	\$ 127,396
In one to five years	151,247	178,196
In more than five years	51,820	60,339
Total pledges receivable	<u>331,442</u>	<u>365,931</u>
Less: Unamortized discount	1,401	11,714
	<u>330,041</u>	<u>354,217</u>
Less: Allowance for uncollectibles	31,473	24,138
Net pledges receivable	298,568	330,079
Contributions receivable from trusts	59,294	62,431
	<u>\$ 357,862</u>	<u>\$ 392,510</u>

**9. Property and Equipment**

Property and equipment consists of the following:

	<b>September 30,</b>	
	<b>2020</b>	<b>2019</b>
Land and land improvements	\$ 353,815	\$ 341,650
Buildings and building improvements	8,768,567	8,287,126
Equipment	2,858,382	2,957,515
Construction in progress	343,874	609,146
Finance right-of-use lease assets	1,992	-
	<u>12,326,630</u>	<u>12,195,437</u>
Less: Accumulated depreciation	5,915,513	5,638,231
Property and equipment, net	<u>\$ 6,411,117</u>	<u>\$ 6,557,206</u>

Depreciation expense for the years ended September 30, 2020 and 2019 was \$710,684 and \$681,807, respectively. Interest costs, net of interest earned, aggregating \$1,581 and \$7,406 were capitalized in 2020 and 2019, respectively.

# Mass General Brigham Incorporated and Affiliates

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For the years ended September 30, 2020 and 2019, fully depreciated assets with an original cost of \$433,402 and \$388,575, respectively, were written off.

#### **10. Levels of Capital and Surplus**

Risk-based capital (RBC) is a methodology adopted by the National Association of Insurance Commissioners for determining the minimum level of capital and surplus deemed necessary for an insurer based upon the types of assets held and business written. The Company has guaranteed to the Massachusetts Division of Insurance (DOI) (the RBC Guaranty) to maintain AllWays Health's capital and surplus at a specified minimum level, measured quarterly in accordance with an RBC methodology permitted by DOI. The RBC Guaranty may be enforced by the DOI. In 2020 and 2019, AllWays Health returned capital of \$50,000 and \$100,000, respectively, to the Company. AllWays Health's current contract with EOHHS requires AllWays Health to maintain a minimum net worth and/or financial insolvency insurance in an amount equal to the Minimum Net Worth calculation as defined in Massachusetts General Law 176G, Section 25. At December 31, 2019 and 2018 (AllWays Health's statutory year end), the minimum net worth requirement, as determined in accordance with EOHHS guidelines, was \$40,527 and \$64,942, respectively. AllWays Health's statutory net worth was \$160,753 and \$271,421 at December 31, 2019 and 2018, respectively, and thus exceeded the EOHHS requirements by \$120,226 and \$206,479, respectively.

#### **11. Accrued Medical Claims and Related Expenses**

Accrued medical claims and related expenses include estimates of expected trends in claims severity, frequency, and other factors, which could vary as the claims are ultimately settled and are based principally upon historical experience. For the years ended September 30, 2020 and 2019, changes in estimates resulted in an increase (decrease) of accrued medical claims and related expense of \$3,874 and (\$3,613), respectively. Increases (decreases) of this nature occur as the result of claim settlements and recoveries during the current year and as additional information is received regarding individual claims, causing changes from the original estimates of the cost of these claims. Ongoing analysis of the recent loss development trends is also taken into account in evaluating the overall adequacy of the reserves.

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Changes in accrued medical claims and related expenses are as follows:

	2020	2019
<b>Balance at beginning of year</b>	\$ 57,550	\$ 64,398
Less:		
Accrual for claims adjustment expenses	(3,040)	(994)
Accrued medical payables - other	(1,154)	(9,874)
Plus: Settlements payable, net	<u>35,610</u>	<u>30,506</u>
<b>Net balance at beginning of year</b>	<u>88,966</u>	<u>84,036</u>
Incurred related to		
Current year	606,436	559,723
Prior years	<u>3,874</u>	<u>(3,613)</u>
Total incurred	<u>610,310</u>	<u>556,110</u>
Paid related to		
Current year	497,575	487,195
Prior years	<u>64,656</u>	<u>63,985</u>
Total paid	<u>562,231</u>	<u>551,180</u>
<b>Net balance at end of year</b>	137,045	88,966
Plus:		
Accrual for claims adjustment expenses	1,475	3,040
Accrued medical payables - other	13,609	1,154
Less: Settlements payable, net	<u>(67,491)</u>	<u>(35,610)</u>
<b>Balance at end of year</b>	<u>\$ 84,638</u>	<u>\$ 57,550</u>

Medical claims and related expenses in the accompanying consolidated statements of operations include other nonclaims related costs. These nonclaims related expenses were for directly delivered services and medical cost risk sharing and incentives.

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## 12. Long-Term Obligations

Mass General Brigham's long-term obligations consist of the following:

	Final Maturity	September 30,	
		2020	2019
Massachusetts Health and Educational Facilities Authority Revenue Bonds			
Series 2005 F*, variable interest rate of 0.29% and 1.71%	2040	229,650	231,300
Series 2007 G*, variable interest rate of 0.20% and 1.90%	2042	75,000	75,000
Series 2008 H*, variable interest rate of 0.19% and 1.38%	2042	165,195	167,700
Series 2009 I*, average fixed interest rate of 4.76%		-	18,175
Series 2010 J*, average fixed interest rate of 5.00%		-	49,035
Series 1997 P*, variable interest rate of 0.09% and 1.54%	2027	150,000	150,000
Massachusetts Development Finance Agency Revenue Bonds			
Series 2011 K*, average fixed interest rate of 4.76%, variable interest rate of 0.12% and 1.56%	2046	110,720	122,170
Series 2012 L*, average fixed interest rate of 4.54%	2023	15,770	87,705
Series 2014 M*, average fixed interest rate of 4.38%	2026	26,835	295,000
Series 2014 N*, variable interest rate of 0.68% and 2.06%	2044	129,650	131,300
Series 2015 O*, average fixed interest rate of 4.44%	2045	193,545	307,840
Series 2016 Q*, average fixed interest rate of 4.80%	2047	417,845	420,280
Series 2016 R*, variable interest rate of 0.67% and 1.97%	2052	100,000	100,000
Series 2017 S*, average fixed interest rate of 4.62%, variable interest rate of 0.59% and 2.05%	2047	940,130	942,850
Series 2019 T*, variable interest rate of 0.66% and 2.12%	2049	158,250	158,250
Series 2020 A*, average fixed interest rate of 4.85%	2050	304,885	-
New Hampshire Health and Education Facilities Authority Revenue Bonds			
Series 2017, average fixed interest rate of 5.00%	2041	95,160	97,405
MGB Taxable Debt			
Series 2007 Bonds, fixed interest rate of 6.26%	2037	100,000	100,000
Series 2011 Bonds, fixed interest rate of 3.44%		-	250,000
2012 Senior Notes, fixed interest rate of 4.11%	2052	400,000	400,000
2014 Senior Notes, fixed interest rate of 4.73%	2044	150,000	150,000
Series 2015 Bonds, fixed interest rate of 4.12%	2055	300,000	300,000
2016 Senior Notes, fixed interest rate of 3.89%	2046	225,000	225,000
Series 2017 Bonds, fixed interest rate of 3.77%	2048	303,644	303,644
2018 Senior Notes, fixed interest rate of 4.60%	2049	400,000	400,000
Series 2020 Bonds, average fixed interest rate of 3.29%	2060	1,017,135	-
2020 Term Loan, fixed interest rate of 2.42%	2022	150,000	-
Other obligations		7,388	6,912
Finance lease liability		-	1,870
Total long-term obligations, par value		6,165,802	5,491,436
Unamortized discounts and premiums, net		290,870	247,170
Deferred financing costs		(26,211)	(23,245)
Total long-term obligations, net		6,430,461	5,715,361
Less			
Current portion		436,166	455,165
Auction rate securities held		29,985	-
		<u>\$ 5,964,310</u>	<u>\$ 5,260,196</u>

\* Denotes series is issued in multiple subseries.

Variable interest rates are presented at September 30, 2020 and 2019, respectively.

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As of September 30, 2020, we held \$29,985 of the Series 2005 F and Series 2007 G Revenue Bonds issued as auction rate securities. Although not legally extinguished, the bonds held by us have been reflected as extinguished under generally accepted accounting principles.

Aggregate maturities and payments of long-term obligations during the next five years and thereafter (including the impact of unamortized discounts and premiums, net and deferred financing costs) and other amounts classified as current liabilities, are as follows:

	<b>Scheduled Maturities</b>	<b>Bonds Supported by Self Liquidity</b>	<b>Bonds Supported by Bank Facilities</b>	<b>Total</b>
2021	\$ 83,851	\$ 249,190	\$ 103,125	\$ 436,166
2022	251,885	-	-	251,885
2023	84,719	-	-	84,719
2024	90,782	-	-	90,782
2025	104,296	-	-	104,296
Thereafter	5,432,628	-	-	5,432,628
	<u>\$ 6,048,161</u>	<u>\$ 249,190</u>	<u>\$ 103,125</u>	<u>\$ 6,400,476</u>

The scheduled maturities represent annual payments as required under debt repayment schedules. The current portion of long-term obligations includes the payments scheduled to be made in 2021, bonds supported by self-liquidity that can be tendered prior to September 30, 2021, and bonds supported by bank facilities with financial institutions (standby bond purchase agreements or letters of credit) that expire prior to September 30, 2021. The bonds supported by self-liquidity provide the bondholder with an option to tender the bonds to the Company. Accordingly, these bonds are classified as a current liability. The bonds supported by bank facilities provide the bondholder with an option to tender the bonds to the liquidity provider. Generally accepted accounting principles require bonds backed by bank facilities expiring within one year of the balance sheet date as well as potential principal amortization under bank facilities' term out provisions due within one year of the balance sheet date to be classified as a current liability.

If bonds supported by bank facilities cannot be remarketed, the repayment terms of those bank facilities would result in repayments of \$56,250 in 2021, \$137,661 in 2022, \$81,411 in 2023, \$37,661 in 2024, \$11,111 in 2025 and \$5,556 thereafter. If the bonds supported by self-liquidity cannot be remarketed, the bonds would be tendered to the Company on their respective earliest tender dates, which differ from scheduled maturity dates, and would result in payments of \$249,190 in 2021, \$50,230 in 2022, \$119,870 in 2023, \$69,250 in 2024, \$61,935 in 2025 and \$206,020 thereafter.



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Scheduled maturities of long-term debt for each of the next five years (excluding the impact of unamortized discounts and premiums, net and deferred financing costs), assuming bonds backed by bank facilities are remarketed and the standby purchase agreements are renewed and bonds supported by self-liquidity are remarketed, are as follows:

2021	\$ 83,851
2022	256,490
2023	104,624
2024	110,887
2025	124,751
Thereafter	<u>5,485,199</u>
	<u>\$ 6,165,802</u>

Interest expense paid during the years ended September 30, 2020 and 2019 was \$251,804 and \$230,348, respectively.

In January 2020, we issued \$304,885 of Mass General Brigham Series 2020 A Revenue Bonds, plus bond premium of \$79,262. The bond proceeds, net of issuance costs of \$1,511, were used to refund portions of Series J Bonds (\$38,765), Series M Bonds (\$50,000) and Series O Bonds (\$50,000), and to finance certain capital projects (\$243,871).

In January 2020, we issued \$1,017,135 of Mass General Brigham Series 2020 Taxable Bonds. The bond proceeds, net of issuance costs of \$6,649, were used to refund portions of Series L Bonds (\$57,313), Series M Bonds (\$241,104) and Series O Bonds (\$68,559), to refund Series 2011 Taxable Bonds (\$250,000), and to finance certain capital projects (\$393,510).

In January 2019, we issued \$158,250 of Partners HealthCare System Series 2019 T Revenue Bonds. The bond proceeds were used to refund Massachusetts Eye and Ear Infirmary Series D Bonds (\$55,402), refund Series M-2 Bonds (\$50,000) and repay the borrowing under the Credit Agreement (\$52,848).

In December 2018 and January 2019, we issued \$350,000 and \$50,000, respectively, of Partners HealthCare System 2018 Taxable Senior Notes. Proceeds from the Notes were used to finance certain capital projects.

Mass General Brigham bonds are general obligations of the Company supported by guarantees from Brigham Health, Inc., The Brigham and Women's Hospital, Inc., The Massachusetts General Hospital and The General Hospital Corporation which may be suspended under certain conditions.

Our debt agreements contain certain covenants, including a minimum debt service coverage ratio and limitations on additional indebtedness and asset transfers.

**Lines of Credit**

The Company maintains two lines of credit aggregating \$375,000 that provide access to same day funds. Advances under the lines of credit bear a variable rate of interest based on the London Interbank Offered Rate (LIBOR). As of September 30, 2020, there were no amounts outstanding under the lines of credit. The \$250,000 line of credit expires in June 2023. The \$125,000 line of credit expires in June 2021.

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#### **Term Loan**

In May 2020, the Company executed a \$150,000 Term Loan with a fixed interest rate of 2.42% and final maturity in May 2022.

#### **Taxable Commercial Paper**

In September 2020, the Company established a \$500,000 Taxable Commercial Paper (CP) program. As of September 30, 2020, there were no amounts outstanding under the CP program.

### **13. Derivatives**

#### **Interest Rate Swaps**

We utilize swap contracts to lock-in long-term synthetic fixed rates and manage fluctuations in cash flows resulting from interest rate risk on certain of our variable rate bonds. These bonds expose us to variability in interest payments due to changes in interest rates. Management believes that it is prudent to limit this variability. To meet this objective and to take advantage of low interest rates, we have entered into various swap contracts involving the exchange of fixed rate payments by us for variable rate payments from several counterparties that are based on a percentage of LIBOR.

By using swap contracts to manage the risk of changes in interest rates, we expose ourselves to credit risk and market risk. Credit risk is the failure of the counterparty to perform under the terms of the swap contracts. When the fair value of a swap contract is positive, the counterparty has a liability to us, which creates credit risk. We minimize our credit risk by entering into swap contracts with several counterparties and requiring the counterparty to post collateral for our benefit based on the credit rating of the counterparty and the fair value of the swap contract. Conversely, when the fair value of a swap contract is negative, we have a liability to the counterparty and, therefore, we do not have credit risk. Under certain circumstances, we may be required to post collateral for the benefit of the counterparty. Market risk is the adverse effect on the value of a financial instrument that results from a change in interest rates. The market risk associated with interest rate changes is managed by establishing and monitoring parameters that limit the types and degree of market risk that we may undertake.

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The following is a summary of the outstanding positions under our swap contracts as of September 30, 2020:

<b>Effective Date</b>	<b>Notional Amount</b>	<b>Maturity</b>	<b>Rate Paid</b>	<b>Rate Received</b>
5/1/03	\$ 150,000	7/1/35	4.40%	67% 1-month LIBOR
10/15/03	9,945	1/1/31	3.85%	70% 1-month LIBOR
7/1/05	150,000	7/1/40	3.63%	67% 1-month LIBOR
7/1/05	19,100	7/1/25	5.11%	67% 6-month LIBOR
9/1/05	2,445	1/1/23	3.26%	70% 1-month LIBOR
7/1/07	150,000	7/1/42	3.46%	67% 1-month LIBOR
7/1/09	100,000	7/1/44	3.71%	67% 1-month LIBOR
7/1/11	100,000	7/1/46	3.74%	67% 1-month LIBOR
7/1/13	100,000	7/1/48	3.80%	67% 1-month LIBOR
7/1/15	50,000	7/1/50	3.80%	67% 1-month LIBOR
4/1/16	100,000	7/1/52	3.76%	67% 1-month LIBOR
7/1/17	50,000	7/1/52	3.74%	67% 1-month LIBOR
7/1/19	50,000	7/1/49	1.85%	67% 1-month LIBOR
7/1/21	50,000	7/1/51	1.84%	67% 1-month LIBOR
7/1/23	50,000	7/1/53	1.82%	67% 1-month LIBOR
7/1/24	100,000	7/1/54	1.81%	67% 1-month LIBOR
7/1/25	50,000	7/1/55	1.77%	67% 1-month LIBOR
7/1/26	100,000	7/1/56	1.78%	67% 1-month LIBOR
7/1/27	100,000	7/1/57	1.78%	67% 1-month LIBOR
	<u>\$ 1,481,490</u>			

Our swap contracts contain provisions that require collateral to be posted if the fair value of the swap exceeds certain thresholds. The collateral thresholds reflect the current credit ratings issued by major credit rating agencies on our and the counterparty's debt. Declines in our or the counterparty's credit ratings would result in lower collateral thresholds and, consequently, the potential for additional collateral postings by us or the counterparty. As of September 30, 2020 and 2019, we have posted collateral of \$307,469 and \$204,916, respectively. We have established procedures to ensure that liquidity and securities are available to meet collateral posting requirements.

Upon the occurrence of certain events of default or termination events identified in the swap contracts, either the Company or the counterparty could terminate the contracts in accordance with their respective terms. Termination results in the payment of a termination amount by one party that attempts to compensate the other party for its economic losses. If interest rates at the time of termination are lower than those specified in the swap contract, we would make a payment to the counterparty. Conversely, if interest rates at such time are higher, the counterparty would make a payment to us.

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**14. Leases**

We lease property and equipment under both finance and operating lease agreements. Upon adoption of the Leases Standard, we recognize leases with a term greater than twelve months on the balance sheet. We elected the package of practical expedients permitted by the Leases Standard and did not reassess expired agreements for lease identification or classification as a finance or operating lease, or for the reassessment of initial direct costs.

Some lease agreements require us to pay variable costs including property taxes, insurance, maintenance and repairs. Variable costs are excluded from the right-of-use asset and liability. Lease and nonlease components of agreements are not separated. Some leases contain rental escalation clauses and renewal options that are included in lease payment calculations when appropriate. The estimated incremental borrowing rate is used to discount the lease payment amounts.

The components of lease expense consist of the following for the year ending September 30, 2020:

	<b>Year Ended September 30, 2020</b>		
	Supplies and Other Expenses	Academic and Research Gifts, Net of Expenses	Total
Operating lease expense	\$ 204,709	\$ 7,687	\$ 212,396
Short-term lease expense	14,415	117	14,532
Variable lease expense	69,930	1,009	70,939
Finance lease expense			
Amortization of leased assets	593	-	593
Interest on lease liabilities	65	-	65
Total lease expense	<u>\$ 289,712</u>	<u>\$ 8,813</u>	<u>\$ 298,525</u>

Lease related assets and liabilities are as follows:

	<b>Balance Sheet Classification</b>	<b>September 30, 2020</b>
Operating lease assets	Right-of-use operating lease assets	\$ 1,139,626
Finance lease assets	Property and equipment, net	1,400
Total lease assets		<u>\$ 1,141,026</u>
Current operating lease liability	Current portion of operating lease obligations	\$ 191,259
Current finance lease liability	Accounts payable and accrued expenses	597
Noncurrent operating lease liability	Operating lease obligation, less current portion	797,096
Noncurrent finance lease liability	Accrued other	633
Total lease liabilities		<u>\$ 989,585</u>

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Supplemental cash flow and other information related to leases as of and for the year ended September 30, 2020 are as follows:

Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flow for operating leases	\$	257,165
Operating cash flow for finance leases		51
Financing cash flows for finance leases		404
Weighted-average remaining term (years):		
Operating leases		12.8
Finance leases		1.5
Weighted-average discount rate:		
Operating leases		4.17%
Finance leases		4.17%

Commitments related to noncancelable operating and finance leases for each of the next five years and thereafter are as follows:

	<b>Operating Leases</b>	<b>Finance Leases</b>
2021	\$ 193,154	\$ 597
2022	168,569	597
2023	151,591	281
2024	122,770	51
2025	106,530	-
Thereafter	456,102	-
	<u>1,198,716</u>	<u>1,526</u>
Total minimum future payments		
Less: Amount representing interest	<u>210,361</u>	<u>296</u>
Present value of minimum future payments	988,355	1,230
Less: Current portion	<u>191,259</u>	<u>597</u>
Long-term lease obligations	<u>\$ 797,096</u>	<u>\$ 633</u>

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As reflected in the fiscal 2019 financial statements, minimum future lease commitments under noncancelable leases for the next five years and thereafter are as follows:

	<b>Capital Leases</b>	<b>Operating Leases</b>
2020	\$ 1,170	\$ 185,630
2021	754	171,807
2022	-	151,033
2023	-	137,278
2024	-	112,198
Thereafter	-	539,233
	<hr/>	<hr/>
Total lease payments	1,924	\$ 1,297,179
	<hr/>	<hr/>
Less: Amount representing interest	54	
	<hr/>	
Capital lease obligations at September 30, 2019	\$ 1,870	
	<hr/>	

Rental expense under operating leases approximated \$192,208 in 2019.

We are also a lessor and sublessor of real estate under operating leases. Lease income for the year ended September 30, 2020 was \$12,831 and is included in other revenue in the consolidated statements of operations. Some of these leases include expenses such as utilities and maintenance costs in rent charges, however this variable lease income is not considered material. The practical expedient permitted by the Leases Standard has been elected that allows lessors to not separate lease and nonlease components by class of underlying asset for all asset classes. The underlying real estate assets are included in property and equipment, net in the consolidated balance sheets.

The future undiscounted cash flows to be received from these leases for each of the next five years and thereafter is as follows:

2021	\$ 6,317
2022	5,453
2023	3,968
2024	3,608
2025	3,210
Thereafter	166,539
	<hr/>
	\$ 189,095
	<hr/>

**15. Pension and Postretirement Healthcare Benefit Plans**

Substantially all Mass General Brigham employees are covered under noncontributory defined benefit pension plans and various defined contribution pension plans. In addition, certain affiliates provide subsidized healthcare benefits for retired employees on a self-insured basis, with the benefit obligation being partially funded. These retiree healthcare benefits are administered through an insurance company and are accounted for on the accrual basis, which includes an estimate of future payments for claims incurred.

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In 2019, a voluntary retirement program was offered to a sub-set of Newton-Wellesley Hospital employees who met specific criteria. For those employees who accepted the voluntary retirement package, the benefits of this program were conveyed as increased contributions to the defined benefit pension plan and the postretirement health plan. The total cost of this program was approximately \$31,803, of which approximately \$29,266 was for the defined benefit plan and \$2,537 was for the postretirement plan. In September 2019, approximately \$28,400 was funded into the defined benefit plan related to this program with the remaining \$866 being funded in October 2019.

Total expense for Mass General Brigham plans consists of the following:

	<b>Years Ended September 30,</b>	
	<b>2020</b>	<b>2019</b>
Defined benefit plans	\$ 350,894	\$ 256,768
Defined contribution plans	181,972	179,195
Postretirement healthcare benefit plans	1,069	(110)
	<u>\$ 533,935</u>	<u>\$ 435,853</u>

Information regarding benefit obligations, plan assets, funded status, expected cash flows and net periodic benefit cost is as follows:

**Benefit Obligations**

	<b>Defined Benefit Pension Plans</b>		<b>Postretirement Healthcare Benefit Plans</b>	
	<b>2020</b>	<b>2019</b>	<b>2020</b>	<b>2019</b>
<b>Change in benefit obligations</b>				
Benefit obligations at beginning of year	\$ 8,683,960	\$ 7,028,994	\$ 201,237	\$ 171,425
Service cost	406,668	324,429	3,612	3,105
Interest cost	303,374	309,280	6,170	6,618
Plan amendments (gain) loss	-	827	-	-
Actuarial (gain) loss	64,352	1,231,610	8,978	17,396
Special termination benefits	-	29,266	-	2,537
Benefits paid	(266,939)	(227,558)	(8,615)	(8,464)
Expenses paid	(13,670)	(13,017)	-	-
Employee contributions	117	129	11,398	8,620
Benefit obligations at end of year	<u>\$ 9,177,862</u>	<u>\$ 8,683,960</u>	<u>\$ 222,780</u>	<u>\$ 201,237</u>

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The accumulated benefit obligation for all defined benefit pension plans at the end of 2020 and 2019 was \$8,902,070 and \$8,267,644, respectively.

	Defined Benefit Pension Plans		Postretirement Healthcare Benefit Plans	
	2020	2019	2020	2019
<b>Weighted-average assumptions used to determine end of year benefit obligation</b>				
Discount rate	3.16%	3.40%	2.50% - 3.00%	3.05% - 3.30%
Rate of compensation increase	3.00% - 4.45%	3.00% - 4.45%	N/A	N/A
Postretirement healthcare cost trend rate for next year	N/A	N/A	5.00%	5.50%
Rate to which the cost trend rate is to decline	N/A	N/A	5.00%	5.00%
Year that rate reaches the ultimate trend rate	N/A	N/A	2020	2020

Assumed healthcare cost trend rates have a significant effect on the amounts reported for the postretirement healthcare plans. A one-percentage-point change in assumed healthcare cost trend rates would have the following effect:

	One-Percentage-Point	
	Increase	Decrease
Effect on postretirement benefit obligation	\$ 3,442	\$ (3,939)

**Plan Assets**

	Defined Benefit Pension Plans		Postretirement Healthcare Benefit Plans	
	2020	2019	2020	2019
<b>Change in plan assets</b>				
Fair value of plan assets at beginning of year	\$ 6,799,224	\$ 6,527,812	\$ 121,772	\$ 117,742
Actual return on plan assets	813,785	253,581	4,147	(534)
Employer contributions	426,977	258,277	3,068	4,408
Employee contributions	117	129	11,398	8,620
Benefits paid	(266,939)	(227,558)	(8,615)	(8,464)
Expenses paid	(13,670)	(13,017)	-	-
Fair value of plan assets at end of year	<u>\$ 7,759,494</u>	<u>\$ 6,799,224</u>	<u>\$ 131,770</u>	<u>\$ 121,772</u>

The assets of the defined benefit pension plans are aggregated in a single master trust (Master Trust) and managed as one asset pool. The investment objective for the Master Trust is to achieve the highest reasonable total return after considering (i) plan liabilities, (ii) funding status and projected cash flows, (iii) projected market returns, valuations and correlations for various asset classes and (iv) ability and willingness to incur market risk.

Within the Master Trust, assets are allocated to managers with investment mandates that may range from a single sub-asset class to very broad mandates; with restrictions that range from long-only to unconstrained; and with management structures ranging from separately managed funds to mutual/commingled funds to private partnerships. Less market sensitive managers employ long/short equity and diversified strategies. Investment risks (concentration, correlation, valuation, liquidity, leverage, mandate compliance, etc.) are monitored at the manager level as well as the pool level.



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The following table presents the capital allocations and reported exposures by manager mandate within the Master Trust. Some managers, particularly less market sensitive managers, invest capital among multiple asset classes. The Long-Term Policy Benchmark is 70% Morgan Stanley Capital International All Country World Index and 30% Barclays Global Aggregate Bond.

	September 30, 2020		September 30, 2019	
	Dollars	Reported Exposures	Dollars	Reported Exposures
Global equity	\$ 1,397,021	18.0 %	\$ 865,191	12.7 %
Traditional U.S. equity	876,049	11.3 %	758,228	11.2 %
Traditional foreign developed equity	582,253	7.5 %	781,196	11.5 %
Traditional emerging markets equity	775,927	10.0 %	713,761	10.5 %
Private equity	1,139,772	14.7 %	763,774	11.2 %
Real assets	306,262	4.0 %	271,875	4.0 %
Less Market Sensitive managers	2,305,636	29.7 %	2,287,076	33.6 %
Fixed income managers	376,574	4.8 %	358,124	5.3 %
	<u>\$ 7,759,494</u>	<u>100.0 %</u>	<u>\$ 6,799,225</u>	<u>100.0 %</u>

The postretirement healthcare benefit plans assets are invested in commingled funds with the objective of achieving returns to satisfy plan obligations and with a level of volatility commensurate with our overall financial profile.

The following tables summarize plan assets measured at fair value on a recurring basis (using the fair value hierarchy defined in Note 7) as of:

	September 30, 2020			Total
	Fair Value Measurements Using			
	Quoted Prices in Active Markets for Identical Items (Level 1)	Significant Other Observable Inputs (Level 2)	Investments Valued Using NAV as a Practical Expedient	
<b>Defined benefit pension plans</b>				
Short-term investments	\$ 63,627	\$ -	\$ -	\$ 63,627
Separately managed investments	651,353	236,350	-	887,703
Commingled funds	-	1,434,895	-	1,434,895
Private partnerships	-	-	5,373,269	5,373,269
	<u>714,980</u>	<u>1,671,245</u>	<u>5,373,269</u>	<u>7,759,494</u>
<b>Postretirement healthcare benefit plans</b>				
Commingled funds	25,388	97,318	9,064	131,770
Total plan assets	<u>\$ 740,368</u>	<u>\$ 1,768,563</u>	<u>\$ 5,382,333</u>	<u>\$ 7,891,264</u>

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	September 30, 2019			Total
	Fair Value Measurements Using			
	Quoted Prices in Active Markets for Identical Items (Level 1)	Significant Other Observable Inputs (Level 2)	Investments Valued Using NAV as a Practical Expedient	
<b>Defined benefit pension plans</b>				
Short-term investments	\$ 103,891	\$ -	\$ -	\$ 103,891
Separately managed investments	666,531	191,541	310	858,382
Commingled funds	-	1,506,425	-	1,506,425
Private partnerships	88,551	-	4,241,975	4,330,526
	<u>858,973</u>	<u>1,697,966</u>	<u>4,242,285</u>	<u>6,799,224</u>
<b>Postretirement healthcare benefit plans</b>				
Commingled funds	28,405	81,577	11,790	121,772
Total plan assets	<u>\$ 887,378</u>	<u>\$ 1,779,543</u>	<u>\$ 4,254,075</u>	<u>\$ 6,920,996</u>

In evaluating the Level at which private partnerships have been classified within the fair value hierarchy, management has assessed factors including but not limited to price transparency, the ability to redeem these investments at net asset value at the measurement date and the existence or absence of certain restrictions at the measurement date. Investments in private partnerships generally have limited redemption options for investors and, subsequent to final closing, may or may not permit subscriptions by new or existing investors. These entities may also have the ability to impose gates, lockups and other restrictions on an investor's ability to readily redeem out of their investment interest in the fund. As of September 30, 2020 and 2019, we have excluded all assets from the fair value hierarchy for which fair value is measured using net asset value per share as a practical expedient.

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**Funded Status**

The funded status of the plans recognized in the balance sheet and the amounts recognized in unrestricted net assets is as follows:

	<b>Defined Benefit Pension Plans</b>		<b>Postretirement Healthcare Benefit Plans</b>	
	<b>2020</b>	<b>2019</b>	<b>2020</b>	<b>2019</b>
<b>End of year</b>				
Fair value of plan assets at measurement date	\$ 7,759,494	\$ 6,799,224	\$ 131,770	\$ 121,772
Benefit obligations at measurement date	(9,177,862)	(8,683,960)	(222,780)	(201,237)
Funded status	<u>\$ (1,418,368)</u>	<u>\$ (1,884,736)</u>	<u>\$ (91,010)</u>	<u>\$ (79,465)</u>
<b>Amounts recognized in the balance sheet consist of</b>				
Current liabilities	\$ (1,433)	\$ (2,562)	\$ (1,190)	\$ (1,161)
Long-term liabilities	(1,416,935)	(1,882,174)	(89,820)	(78,304)
	<u>\$ (1,418,368)</u>	<u>\$ (1,884,736)</u>	<u>\$ (91,010)</u>	<u>\$ (79,465)</u>
<b>Amounts not yet recognized in net periodic benefit cost and included in unrestricted net assets consist of</b>				
Actuarial net loss (gain)	\$ 2,434,412	\$ 2,858,791	\$ 49,478	\$ 41,230
Prior service cost (credit)	(227,789)	(261,883)	(13,642)	(18,931)
	<u>\$ 2,206,623</u>	<u>\$ 2,596,908</u>	<u>\$ 35,836</u>	<u>\$ 22,299</u>
<b>Amounts recognized in unrestricted net assets consist of</b>				
Current year actuarial (gain) loss	\$ (255,997)	\$ 1,440,052	\$ 11,917	\$ 25,870
Amortization of actuarial gain (loss)	(168,383)	(89,760)	(3,661)	(861)
Current year prior service cost (credit)	-	827	-	-
Amortization of prior service (cost) credit	34,095	33,947	5,289	5,289
	<u>\$ (390,285)</u>	<u>\$ 1,385,066</u>	<u>\$ 13,545</u>	<u>\$ 30,298</u>

As of September 30, 2020 and 2019, the projected benefit obligation, accumulated benefit obligation and fair value of plan assets for pension plans with an accumulated benefit obligation in excess of plan assets were as follows:

	<b>September 30,</b>	
	<b>2020</b>	<b>2019</b>
<b>Accumulated benefit obligation in excess of plan assets</b>		
Projected benefit obligation	\$ 9,177,862	\$ 8,683,960
Accumulated benefit obligation	8,902,070	8,267,644
Fair value of plan assets	7,759,494	6,799,224

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**Expected Cash Flows**

Information about the expected cash flows for the defined benefit and postretirement healthcare benefit plans is as follows:

	<b>Defined Benefit Pension Plans</b>	<b>Postretirement Healthcare Benefit Plans</b>	
<b>Expected employer contributions</b>			
2021	\$ 435,984	\$ 3,931	
			<b>Medicare Subsidy</b>
<b>Expected benefit payments (receipts)</b>			
2021	550,643	11,493	(24)
2022	377,554	12,501	(20)
2023	404,489	13,364	(18)
2024	415,561	14,221	(15)
2025	439,942	14,895	(13)
2026-2030	2,484,120	78,892	(35)

**Net Periodic Benefit Cost**

	<b>Defined Benefit Pension Plans</b>		<b>Postretirement Healthcare Benefit Plans</b>	
	<b>2020</b>	<b>2019</b>	<b>2020</b>	<b>2019</b>
Service cost	\$ 406,668	\$ 324,429	\$ 3,612	\$ 3,105
Special termination benefits	-	29,266	-	2,537
	<u>406,668</u>	<u>353,695</u>	<u>3,612</u>	<u>5,642</u>
Interest cost	303,374	309,280	6,170	6,618
Expected return on plan assets	(493,436)	(462,020)	(7,085)	(7,942)
Amortization of				
Prior service cost (credit)	(34,095)	(33,947)	(5,289)	(5,289)
Actuarial net (gain) loss	168,383	89,760	3,661	861
Non-service related pension income	(55,774)	(96,927)	(2,543)	(5,752)
Net periodic benefit cost	<u>\$ 350,894</u>	<u>\$ 256,768</u>	<u>\$ 1,069</u>	<u>\$ (110)</u>

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Amounts expected to be amortized from unrestricted net assets into net periodic benefit cost during the year ending September 30, 2021 are as follows:

		<b>Defined Benefit Pension Plans</b>		<b>Postretirement Healthcare Benefit Plans</b>
Actuarial net loss (gain)	\$	148,542	\$	4,856
Prior service cost (credit)		(33,869)		(5,289)

	<b>Defined Benefit Pension Plans</b>		<b>Postretirement Healthcare Benefit Plans</b>	
	2020	2019	2020	2019
<b>Weighted-average assumptions used to determine net periodic pension and postretirement cost</b>				
Discount rate	3.40 %	4.31 %	3.05% - 3.30%	3.80% - 4.30%
Expected return on plan assets	7.00 %	7.25 %	6.00 %	6.75 %
Rate of compensation increase	3.00% - 4.45%	3.00% - 4.45%	N/A	N/A
Healthcare cost trend rate for this year	N/A	N/A	5.00% - 5.50%	6.00%
Rate to which the cost trend rate is to decline	N/A	N/A	5.00 %	5.00%
Year that rate reaches the ultimate trend rate	N/A	N/A	2021	2021

We use a long-term return assumption which is validated annually by obtaining long-term asset return, volatility and correlation projections for relevant asset class indexes; modifying volatility and correlations to reflect the actual historical experience of the active managers; calculating the expected return using benchmark weights and indexes; and comparing the return assumption to the sum of the expected return and the historical outperformance of the actual return versus the benchmark. We regularly monitor the active risk of the Master Trust by a statistical regression of the return series of the actual portfolio to that of the policy benchmark.

Assumed healthcare cost trend rates have a significant effect on the amounts reported for the postretirement healthcare plans. A one-percentage-point change in assumed healthcare cost trend rates would have the following effect:

		<b>One-Percentage-Point</b>	
		<b>Increase</b>	<b>Decrease</b>
Effect on service and interest cost	\$	150	\$ (152)

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#### **16. Professional Liability Insurance**

We insure substantially all of our professional and general liability risk on a claims-made basis in cooperation with other healthcare organizations in the Greater Boston area through a captive insurance company, Controlled Risk Insurance Company Ltd. (CRICO). The Company owns 11% of CRICO. The policies cover claims made during their respective terms, but not those occurrences for which claims may be made after expiration of the policy. Management intends to renew its coverage on a claims-made basis and has no reason to believe that it will be prevented from such renewal. During 2020, CRICO announced and paid a dividend to member organizations. As a result, we recognized dividend income of \$57,997 as a nonoperating gain. During 2020, CRICO also made a payment to member organizations for certain tail liabilities they had previously assumed on an occurrence basis, which was recorded as a reduction in the insurance receivable from CRICO of \$88,939.

We follow the accounting policy of establishing reserves to cover the ultimate costs of medical malpractice claims, which include costs associated with litigating or settling claims. The liability also includes an estimated tail liability, established to cover all malpractice claims incurred but not reported to the insurance company as of the end of the year. The total malpractice liability of \$567,770 and \$542,136 as of September 30, 2020 and 2019, respectively, is presented as an accrued professional liability in the consolidated balance sheets. These reserves have been recorded on a discounted basis using an interest rate of 3.0% and 3.25% as of September 30, 2020 and 2019, respectively.

We also recognize an insurance receivable from CRICO at the same time that it recognizes the liability, measured on the same basis as the liability, subject to the need for a valuation allowance for uncollectible amounts. The insurance receivable of \$397,017 and \$459,634 as of September 30, 2020 and 2019, respectively, is reported as a component of other assets in the consolidated balance sheets.

Management is not aware of any claims against us or factors affecting CRICO that would cause the expense for professional liability risks to vary materially from the amount provided.

#### **17. Concentration of Credit Risk**

Financial instruments that potentially subject us to concentration of credit risk consist of patient accounts receivable, research grants receivable, pledges receivable, premiums receivable, certain investments and interest rate swaps.

Mass General Brigham provider organizations receive a significant portion of payments for services rendered from a limited number of government and commercial third-party payers, including Medicare, Medicaid, Blue Cross and Blue Shield of Massachusetts, Harvard Pilgrim Health Care and Tufts Health Plan. Research funding is provided through many government and private sponsors. AllWays Health receives a portion of premium revenue from the Commonwealth. Pledges receivable are due from multiple donors. We assess the credit risk for pledges based on history and the financial wherewithal of donors, most of which are individuals or organizations well known to us.

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Investments, which include government and agency securities, stocks and corporate bonds, private partnerships and other investments, are not concentrated in any corporation or industry or with any single counterparty. Alternative investments are less liquid than other investments. The reported values of the alternative investments may differ significantly from the values that would have been used had a ready market for those securities existed. These instruments may contain elements of both credit and market risk. Such risks include, but are not limited to, limited liquidity, absence of oversight, dependence upon key individuals, emphasis on speculative investments and nondisclosure of portfolio composition.

We minimize our credit risk exposure under interest rate swap agreements by utilizing several counterparties and requiring the counterparties to post collateral for our benefit when the fair value of the swap is positive. We minimize our counterparty risk by contracting with nine counterparties, none of which accounts for more than 20% of the aggregate notional amount of the swap contracts.

**18. Net Assets**

Donor restricted net assets are available for the following purposes:

	<b>September 30,</b>	
	<b>2020</b>	<b>2019</b>
<b>Donor restricted</b>		
Charity care	\$ 183,988	\$ 173,946
Buildings and equipment	126,464	133,542
Clinical care, research and academic	<u>2,210,778</u>	<u>2,081,896</u>
	<u>\$ 2,521,230</u>	<u>\$ 2,389,384</u>

**Endowment**

Our endowment consists of numerous individual funds established for a variety of purposes and includes both donor restricted endowment funds and funds designated by boards to function as endowment.

We have interpreted UPMIFA as requiring the preservation of the value of the original contribution of the donor restricted endowment funds absent explicit donor stipulations to the contrary. As a result of this interpretation, we classify as donor restricted net assets the original value of all contributions with donor stipulations to maintain in perpetuity, accumulated gains required to be maintained in perpetuity by explicit donor stipulation or accumulated gains which have been appropriated for expenditure in a manner consistent with the standard of prudence prescribed by UPMIFA. In accordance with UPMIFA, we consider several factors in making a determination to appropriate or accumulate donor restricted endowment funds. These factors include: the duration and preservation of the fund; the purposes of the organization and the donor restricted endowment fund; general economic conditions; the possible effect of inflation and deflation; the expected total return from income and the appreciation of investments; other resources of the organization; and the investment policies of the organization.

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**Endowment Funds with Deficits**

From time to time, the value of assets associated with individual donor restricted endowment funds may fall below the value of the initial and subsequent donor contribution amounts. These deficits generally result from unfavorable market fluctuations that occurred after the investment of new donor restricted contributions or subsequent endowment additions. When such endowment deficits exist, they are classified as a reduction to donor restricted net assets.

The following presents the endowment net asset composition by type of fund as of September 30, 2020 and 2019 and the changes in endowment assets for the years ended September 30, 2020 and 2019:

	Unrestricted	Donor Restricted	Total
<b>Endowment net asset composition by type of fund as of September 30, 2020</b>			
Donor restricted endowment funds	\$ -	\$ 1,977,011	\$ 1,977,011
Board designated endowment funds	1,248,539	-	1,248,539
Total funds	<u>\$ 1,248,539</u>	<u>\$ 1,977,011</u>	<u>\$ 3,225,550</u>

	Unrestricted	Donor Restricted	Total
<b>Changes in endowment net assets</b>			
Endowment net assets at September 30, 2019	<u>\$ 1,171,631</u>	<u>\$ 1,839,545</u>	<u>\$ 3,011,176</u>
Investment return			
Investment income	640	977	1,617
Net realized and unrealized appreciation	101,300	150,734	252,034
Total investment return	<u>101,940</u>	<u>151,711</u>	<u>253,651</u>
Contributions	6,450	63,130	69,580
Appropriation of endowment assets for expenditure	(48,352)	(75,325)	(123,677)
Other changes	16,870	(2,050)	14,820
Total changes	<u>76,908</u>	<u>137,466</u>	<u>214,374</u>
Endowment net assets at September 30, 2020	<u>\$ 1,248,539</u>	<u>\$ 1,977,011</u>	<u>\$ 3,225,550</u>



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(in thousands of dollars)

	Unrestricted	Donor Restricted	Total
<b>Endowment net asset composition by type of fund as of September 30, 2019</b>			
Donor restricted endowment funds	\$ -	\$ 1,839,545	\$ 1,839,545
Board-designated endowment funds	<u>1,171,631</u>	<u>-</u>	<u>1,171,631</u>
Total funds	<u>\$ 1,171,631</u>	<u>\$ 1,839,545</u>	<u>\$ 3,011,176</u>

	Unrestricted	Donor Restricted	Total
<b>Changes in endowment net assets</b>			
Endowment net assets at September 30, 2018	<u>\$ 1,264,410</u>	<u>\$ 1,365,096</u>	<u>\$ 2,629,506</u>
Investment return			
Investment income	3,563	5,379	8,942
Net realized and unrealized appreciation	<u>39,907</u>	<u>60,014</u>	<u>99,921</u>
Total investment return	43,470	65,393	108,863
Contributions	7,773	286,193	293,966
Appropriation of endowment assets for expenditure	(50,141)	(69,938)	(120,079)
Other changes	<u>(93,881)</u>	<u>192,801</u>	<u>98,920</u>
Total changes	<u>(92,779)</u>	<u>474,449</u>	<u>381,670</u>
Endowment net assets at September 30, 2019	<u>\$ 1,171,631</u>	<u>\$ 1,839,545</u>	<u>\$ 3,011,176</u>

**19. Functional Expenses**

Expenses by functional classification are allocated based on management's judgement, the nature of the expense and historical experience. Such classifications and allocations are as follows:

	Healthcare Services	Research and Academic	Insurance	General and Administrative	Year Ended September 30, 2020
<b>Operating expenses</b>					
Employee compensation and benefit expense	\$ 6,599,548	\$ -	\$ 58,877	\$ 1,019,788	\$ 7,678,213
Supplies and other expenses	3,491,578	-	65,424	37,611	3,594,613
Medical claims and related expenses	-	-	610,310	-	610,310
Direct academic and research expenses	-	1,591,241	-	-	1,591,241
Depreciation and amortization expenses	654,612	-	-	87,575	742,187
Interest expense	113,807	-	-	78,769	192,576
Total operating expenses	<u>\$ 10,859,545</u>	<u>\$ 1,591,241</u>	<u>\$ 734,611</u>	<u>\$ 1,223,743</u>	<u>\$ 14,409,140</u>

**Mass General Brigham Incorporated and Affiliates**  
**Notes to Consolidated Financial Statements**  
**September 30, 2020 and 2019**

(in thousands of dollars)

Direct academic and research expenses include \$1,008,098 of employee compensation and benefit expense and \$583,143 of supplies and other expenses for the year ended September 30, 2020.

	Healthcare Services	Research and Academic	Insurance	General and Administrative	Year Ended September 30, 2020
<b>Nonoperating expenses</b>					
Employee compensation and benefit expense	\$ -	\$ -	\$ -	\$ 69,202	\$ 69,202
Supplies and other expenses	-	-	-	29,194	29,194
Interest expense	-	-	-	46,948	46,948
Non-service related pension income	(44,599)	(6,458)	-	(7,260)	(58,317)
Total nonoperating expenses	<u>\$ (44,599)</u>	<u>\$ (6,458)</u>	<u>\$ -</u>	<u>\$ 138,084</u>	<u>\$ 87,027</u>

	Healthcare Services	Research and Academic	Insurance	General and Administrative	Year Ended September 30, 2019
<b>Operating expenses</b>					
Employee compensation and benefit expense	\$ 5,975,215	\$ -	\$ 57,906	\$ 1,179,567	\$ 7,212,688
Supplies and other expenses	3,229,298	-	52,091	57,942	3,339,331
Medical claims and related expenses	-	-	556,110	-	556,110
Direct academic and research expenses	-	1,594,085	-	-	1,594,085
Depreciation and amortization expenses	603,794	-	-	82,580	686,374
Interest expense	128,900	-	-	52,022	180,922
Total operating expenses	<u>\$ 9,937,207</u>	<u>\$ 1,594,085</u>	<u>\$ 666,107</u>	<u>\$ 1,372,111</u>	<u>\$ 13,569,510</u>

Direct academic and research expenses include \$924,570 of employee compensation and benefit expense and \$669,515 of supplies and other expenses for the year ended September 30, 2019.

	Healthcare Services	Research and Academic	Insurance	General and Administrative	Year Ended September 30, 2019
<b>Nonoperating expenses</b>					
Employee compensation and benefit expense	\$ -	\$ -	\$ -	\$ 61,256	\$ 61,256
Supplies and other expenses	-	-	-	45,074	45,074
Interest expense	-	-	-	37,112	37,112
Non-service related pension income	(76,118)	(12,062)	-	(14,499)	(102,679)
Total nonoperating expenses	<u>\$ (76,118)</u>	<u>\$ (12,062)</u>	<u>\$ -</u>	<u>\$ 128,943</u>	<u>\$ 40,763</u>

**20. Contingencies**

We are subject to complaints, claims and litigation which arise in the normal course of business. In addition, we are subject to reviews and investigations by various federal and state government agencies to assure compliance with applicable laws, some of which are subject to different interpretations. Governmental review of compliance by healthcare organizations has increased.

**Mass General Brigham Incorporated and Affiliates**  
**Notes to Consolidated Financial Statements**  
**September 30, 2020 and 2019**

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*(in thousands of dollars)*

**21. Subsequent Events**

We have assessed the impact of subsequent events through December 11, 2020, the date the audited financial statements were issued. During this period, there were no subsequent events that require adjustment to the audited financial statements.

## **Schedule of Expenditures of Federal Awards**

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
<b>Research and Development and Research Training</b>				
<b>Research and Development</b>				
Consumer Product Safety Commission Consumer Product Safety Commission	93.RD7	Direct	\$ 23,015	\$ -
			<u>Subtotal</u>	<u>23,015</u>
Department of AgricultureAgricultural Research Service President and Fellows of Harvard College	10.001	59-0210-6-004	15,450	-
			<u>Subtotal</u>	<u>15,450</u>
Department of AgricultureNational Institute of Food and Agriculture Community Outreach and Patient Empowerment Program	10.331	2019-70030-30407	17,648	-
			<u>Subtotal</u>	<u>17,648</u>
Department of Defense				
Arsenal Medical	93.RD10	W81XWH-15-C-0147	58,140	-
Beth Israel Deaconess Medical Center	93.RD8	W911NF-C-0050	(5)	-
Brigham and Women's Hospital	93.RD10	W81XWH-17-2-0068	(26,952)	-
Citizens United for Research in Epilepsy	93.RD10	W81XWH-15-2-0069	772,249	112,374
Coalesenz	93.RD10	W81XWH20P0031	52,589	-
Defense Threat Reduction Agency	93.RD9	Direct	362,343	104,796
Geneva Foundation	93.RD10	W81XWH-15-9-0001	29,400	-
Johns Hopkins University	93.RD6	N00024-13-D-6400	481,840	-
Lockheed Martin	93.RD8	FA8750-18-C-0026	339,998	-
Luna Innovations	93.RD10	W81XWH-18-C-0004	34,444	-
Massachusetts Institute of Technology	93.RD10	7000415627	28,585	-
Massachusetts Institute of Technology	93.RD10	7000442543	38,797	-
Massachusetts Institute of Technology	93.RD10	7000451740	65,828	-
Massachusetts Institute of Technology	93.RD10	FA8702-15-D-0001	(77,923)	-
Medical University of South Carolina	93.RD10	W81XWH-15-9-0001	21,683	-
Moveo Walks	93.RD10	Topic #: DHA182-003	(34,856)	-
National Trauma Institute	93.RD10	W81XWH18C0179	307,903	-
Radiation Monitoring Devices	93.RD6		152,551	-
Regents of the University of California, Los Angeles	93.RD10	W911NF-17-3-0003	37,959	-
Regents of the University of California, San Francisco	93.RD10	W81XWH-15-9-0001	74,440	-
SimQuest International	93.RD10	W900KK-17-C-0041	(533)	-
Stottler Henke Associates	93.RD8	140D6318C0039	97,373	-
Sylvatica Biotech	93.RD10		(1,841)	-
Triton Systems	93.RD10	W81XWH-20-P-0012	8,531	-
Triton Systems	93.RD10	W81XWH-20-P-0015	13,335	-
U.S. Army Medical Research Acquisition Activity	93.RD20	Direct	4,168	-
United Technologies Research Center	93.RD10	FA8750-18-C-0025	118,217	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.RD10	W911QY-14-C-0070	780	-
			<u>Subtotal</u>	<u>2,959,043</u>
Department of DefenseAdvanced Research Projects Agency				
Broad Institute	12.910	DARPA-16-59-SAFE-FP-010	25,015	-
Broad Institute	12.910	DARPA-16-59-SAFE-FR-010	25,007	-
Defense Advanced Research Projects Agency	12.910	Direct	3,621,519	872,702
Draper Laboratory	12.910	75N95010C00035	108,015	-
Draper Laboratory	12.910	W4C00861850/OSP29280	55,912	-
Johns Hopkins University	12.910	FA8650-18-2-7834	91,196	-
Massachusetts Institute of Technology	12.910	HR0011-15-C-0155	(2,490)	-
Massachusetts Institute of Technology	12.910	W911NF-17-2-0043	36,319	-
President and Fellows of Harvard College	12.910	W911NF1920018	215,608	-
Raytheon BBN Technologies	12.910	W911NF19C0008	85,681	-
Space and Naval Warfare Systems Command	12.910	Direct	(650)	-
Vanderbilt University Medical Center	12.910	HR0011-18-2-0001	10,099	-
			<u>Subtotal</u>	<u>4,271,231</u>
Department of DefenseDefense Threat Reduction Agency				
Defense Threat Reduction Agency	12.351	Direct	202,662	80,000
			<u>Subtotal</u>	<u>202,662</u>
Department of DefenseDepartment of the Air Force, Materiel Command				
Air Force Materiel Command	12.800	Direct	35,505	-
Massachusetts Institute of Technology	12.800	FA8702-15-D-0001	117,884	-
U.S. Air Force - Air Force Materiel Command	12.800	Direct	(4,161)	-
			<u>Subtotal</u>	<u>149,228</u>
Department of DefenseDepartment of the Navy, Office of the Chief of Naval Research				
Homeland Security Advanced Research Projects Agency	12.300	Direct	159,710	-
Office of Naval Research	12.300	Direct	481,199	99,375
Ohio State University	12.300	N00014-20-1-2163	51,738	-
Regents of the University of California, San Diego	12.300	N00014-16-1-2829, P00003	7,202	-
			<u>Subtotal</u>	<u>699,849</u>
Department of DefenseU.S. Army Materiel Command				
Fred Hutchinson Cancer Research Center	12.431	W911NF-17-1-0360 P00011	116,804	-
Massachusetts General Hospital	12.431	W911NF-14-2-0045	162	-
U.S. Army Materiel Command	12.431	Direct	98,428	60,087
University of Southern California	12.431	W911NF1810434	160,114	-
			<u>Subtotal</u>	<u>375,508</u>

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Department of Defense U.S. Army Medical Command				
Air Force Office of Scientific Research	12.420	Direct	5,885,203	-
American Burn Association	12.420	W81XWH-11-1-0835	93,388	-
American Burn Association	12.420	W81XWH-16-2-0048	6,824	-
Beth Israel Deaconess Medical Center	12.420	W81XWH-16-1-0464	359,004	-
Board of Trustees of the University of Alabama for the University of Alabama	12.420	W81XWH-15-1-0705	102,998	-
Boston VA Research Institute	12.420	W81XWH-15-1-0216	52,973	-
Boston VA Research Institute	12.420	W81XWH-15-1-0631	(20,145)	-
Boston VA Research Institute	12.420	W81XWH-17-1-0217	32,078	-
Boston VA Research Institute	12.420	W81XWH1910057	298,981	-
Brigham and Women's Hospital	12.420	W81XWH1910482	137,003	-
Brigham and Women's Hospital	12.420	W81XWH-19-1-0517	37,662	-
Case Western Reserve University	12.420	W81XWH1910707	48,791	-
Children's Hospital Corporation dba Boston Children's Hospital	12.420	W81XWH-15-1-0621	16,184	-
Children's Hospital Corporation dba Boston Children's Hospital	12.420	W81XWH-17-2-0037	5,851	-
Children's Hospital Corporation dba Boston Children's Hospital	12.420	W81XWH1910219	13,436	-
Children's Hospital Corporation dba Boston Children's Hospital	12.420	W81XWH1910560	5,009	-
Craig Hospital	12.420	W81XWH-15-2-0078	38,081	-
Dana Farber Cancer Institute	12.420	W81XWH-14-1-0240	(16)	-
Dana Farber Cancer Institute	12.420	W81XWH1910780	24,309	-
Department of Defense	12.420	Direct	60,140	13,557
Department of Defense-Congressionally Directed Medical Research Programs	12.420	Direct	1,586,631	4,523
Fred Hutchinson Cancer Research Center	12.420	W81XWH-19-1-0128	41,102	-
Gel-E	12.420	W81XWH-18-1-0006	163,025	-
Geneva Foundation	12.420	W81XWH-18-1-0507	28,413	-
German Cancer Research Center	12.420	W81XWH1910307	15,128	-
Joan & Sanford I. Weill Medical College of Cornell University	12.420	W81XWH1810667	885,627	-
Johns Hopkins School of Public Health	12.420	W81XWH-12-1-0588	(14,859)	-
Mass Eye And Ear Infirmary	12.420	W81XWH-17-1-0644	(387)	-
Massachusetts General Hospital	12.420	W81XWH-16-1-0652	(12,537)	-
Massachusetts General Hospital	12.420	W81XWH2010293	11,799	-
Massachusetts Institute of Technology	12.420	W81XWH-18-2-0010	129,457	-
Mayo Clinic	12.420	W81XWH-15-1-0293	62,120	-
Metis Foundation	12.420	W81XWH-16-1-0784	(769)	-
Moberg Research	12.420	W81XWH1920013	400,816	-
National Trauma Institute	12.420	W81XWH-17-1-0673	13,988	-
Nationwide Children's Hospital	12.420	W81XWH1810547	63,117	-
President and Fellows of Harvard College	12.420	W81XWH-14-1-0131	23,369	-
President and Fellows of Harvard College	12.420	W81XWH1910696	40,981	-
President and Fellows of Harvard College	12.420	W81XWH1920011	130,364	-
President and Fellows of Harvard College	12.420	W81XWH-20-1-0303	1,060	-
Regents of the University of California	12.420	W81XWH-14-2-0176	133,083	-
Regents of the University of California, San Diego	12.420	W81XWH-15-2-0090	102,291	-
Regents of the University of California, San Diego	12.420	W81XWH-15-2-0090	68,736	-
Regents of the University of California, San Francisco	12.420	W81XWH-14-2-0176	102,855	-
Regents of the University of California, San Francisco	12.420	W81XWH-18-2-0042	36,075	-
Roccor	12.420	W81XWH-17-C-0008	9,855	-
Schepens Eye Research Institute	12.420	W81XWH1910824	7,682	-
Trustees of Tufts College	12.420	W81XWH-17-1-0531	11,626	-
U.S. Army Medical Research Acquisition Activity	12.420	Direct	29,140,797	2,581,438
U.S. Army Medical Research and Materiel Command	12.420	Direct	612,500	(50,718)
U.S. Army RDECOM Acquisition Center	12.420	Direct	44	-
U.S. Army Research Institute of Environmental Medicine	12.420	Direct	175,045	-
U.S. Department of Defense	12.420	Direct	2	-
University of Alabama	12.420	W81XWH-12-1-0155	27,454	-
University of Cincinnati	12.420	W81XWH-16-2-0020	(11,147)	-
University of Delaware	12.420	W81XWH-17-1-0335	103,500	-
University of Southern California	12.420	W81XWH-12-2-0012	(38,941)	-
University of Southern California	12.420	W81XWH-13-1-0259	21,772	-
University of Southern California	12.420	W81XWH-14-1-0462	14,056	-
University of Texas Health Science Center at Houston	12.420	W81XWH-1-1-0123	(3,383)	-
University of Texas, MD Anderson Cancer Center	12.420	W81XWH-14-1-0109	(4,082)	-
Wake Forest University Health Sciences	12.420	W81XWH-13-2-0054	(2,696)	-
		Subtotal	41,273,323	2,548,800
Department of Defense Uniformed Services University of the Health Sciences				
Geneva Foundation	12.750	HU00011920009	66,262	-
Geneva Foundation	12.750	HU00012020011	271,432	-
Geneva Foundation	93.RD21	00011920056	801,662	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU0001-11-1-0023	914,940	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU0001-15-2-0028	17,605	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU0001-17-2-0009	2,810,120	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU0001-17-2-0023	11,068	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU0001-17-2-009	194,809	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU-0001-17-2-009	98,139	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU00011820015	47,213	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU0001-18-2-0018	474,094	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU001-17-2-009	48,000	-
Henry M Jackson Foundation for the Advancement of Military Medicine	12.750	HU-001-17-2-009	270,116	-
		Subtotal	6,025,460	-

**Mass General Brigham  
Schedule of Expenditures of Federal Awards  
Year ended September 30, 2020**

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Department of Education Office of Innovation and Improvement United Way of Massachusetts Bay	84.411	U411C170195	14,762	-
			<b>Subtotal</b>	<b>-</b>
Department of Energy Battelle Memorial Institute	93.RD11	DE-AC05-76RL01830	67,127	-
Texas A&M University	81.135	DE-AR0000823	418,095	-
			<b>Subtotal</b>	<b>-</b>
Department of Health and Human Services Abt Associates	93.RD1	HHSP233201500013I	114,710	-
Agency for Healthcare Research and Quality	93.RD1	Direct	350	-
Arsenal Medical	93.RD18	R44GM117849	8,545	-
Atlantic Research Group	93.RD18	HHSN268201400011C	(1,219)	-
Beth Israel Deaconess Medical Center	93.RD4	6NU2GGH001140-05-03	23,123	-
Broad Institute	93.RD18	HHSN261201500003I/16Q042	15,022	-
Centers for Disease Control and Prevention	93.RD4	Direct	21,855	-
Charles River Analytics	93.RD18	HHSN261201800012C/75N91018C0I	(8,392)	-
Charles River Analytics	93.RD18	HHSN27120180038C	6,451	-
Children's Hospital Corporation dba Boston Children's Hospital	93.RD18	75N93019C00044	86,812	-
Children's Hospital Corporation dba Boston Children's Hospital	93.RD18	HHSN272201400052C	(701)	-
DHHS-IPA Agreement	93.RD18	Direct	61,076	-
Dimagi	93.RD18	75N91019C00027	66,692	-
Duke University	93.RD18	75N93019C00050	257,131	-
Duke University	93.RD18	HHSN275201000003I	50,513	-
Emory University	93.RD18	HHNS272201300006C	104,158	-
ExQor Technologies	93.RD18	2R44MH108481-03	126,459	-
Harvard Pilgrim Health Care	93.RD15	HHSF223201400030I	285,673	-
Harvard Pilgrim Health Care	93.RD4	2011-N-13526	19,017	-
ICF Macro	93.RD18	HHS261201400002B	111,281	-
Justice Resource Institute	93.RD18	90ZV012502	20,801	-
Leidos Biomedical Research	93.RD18	HHSN261201500003I	(2,895)	-
Leidos Biomedical Research	93.RD18	75N91019D00024	354,517	-
Leidos Biomedical Research	93.RD18	HHSN261200800001E	1,734,522	805,137
Mayo Clinic	93.RD18	HHSN261201200042I	39,646	-
Mayo Clinic	93.RD18	HHSN261201200042I	(17,337)	-
Memorial Sloan Kettering Institute Cancer Center	93.RD1	HHSA290201500007I	56,654	-
Mitre	93.RD5	75FCMC18D0047	24,113	-
National Opinion Research Center	93.RD5	75FCMC19F0079	8,178	-
NIH-National Institutes of Health	93.RD18	Direct	3,251,497	-
NIH-NHLBI National Heart, Lung and Blood Institute	93.RD18	Direct	1,092,621	4,021
NIH-NIAID National Institute of Allergy and Infectious Diseases	93.RD18	Direct	44,928	-
NIH-NIDA National Institute on Drug Abuse	93.RD18	Direct	491,510	227,673
NIH-NIMH National Institute of Mental Health	93.RD18	Direct	60,754	-
President and Fellows of Harvard College	93.RD15	HHSF223201610080C	(366)	-
President and Fellows of Harvard College	93.RD18	75N93019C00071	533,237	-
President and Fellows of Harvard College	93.RD18	HHSN27500001600003I	(21)	-
Regents of the University of California, San Francisco	93.RD18	HHSN268201700005C	(360)	-
Regents of the University of Michigan	93.RD1	21-312-0214643-65091L	10,946	-
Regents of the University of Michigan	93.RD18	HHSN268201100026C	(42)	-
Reveal Pharmaceuticals	93.RD18	1R44CA239935-01A1	50,461	-
Robin Medical	93.RD18	75N91019C00009	3,690	-
Social and Scientific Systems	93.RD18	HHSN273201600003I/HHSN273000C	78,413	-
U.S. Food & Drug Administration	93.RD15	Direct	2,424,455	331,287
University of Buffalo	93.RD18	HHSN268201600001C	362,980	-
University of Georgia Research Foundation	93.RD18	75N93019C00052	211,745	-
University of North Carolina at Chapel Hill	93.RD18	1OT3HL147154-01	29,219	-
University of North Carolina at Chapel Hill	93.RD18	3OT3HL142479-01S3	148,260	-
University of Texas, MD Anderson Cancer Center	93.RD18	HHSN261201200034I 02	6,929	-
Venturewell	93.RD18	RG 5.14.20	100,354	-
Volatylx	93.RD18	1R44AI141264	308,029	-
Westat	93.RD18	GS00F009DA	53,952	-
Westat	93.RD4	HHSD2002013M53968B	24,641	18,418
Westat	93.RD4	HHSN261201800002B	57,418	-
			<b>Subtotal</b>	<b>1,386,536</b>
Department of Health and Human Services Administration for Children and Families Center for Victims of Torture	93.604	90ZT0187-01-00	142,250	-
Office of Refugee Resettlement	93.604	Direct	(856)	-
			<b>Subtotal</b>	<b>-</b>
Department of Health and Human Services Administration for Community Living Craig Hospital	93.433	90DPTB0017-02-00	1,218	-
DHHS-National Institute on Disability, Independent Living and Rehabilitation	93.433	Direct	485,681	99,595
National Institute on Disability, Independent Living and Rehabilitation	93.433	Direct	821,122	83,289
Spaulding Rehabilitation Hospital	93.433	90DPBU0001-03-00	15,938	-
Spaulding Rehabilitation Hospital	93.433	90DPTB0011-03-00	12,709	-
Spaulding Rehabilitation Hospital	93.433	90SI50210-02-00	48,742	-
TIRR Memorial Hermann	93.433	90DP0060	(660)	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.433	0041980 130453-2	(326)	-
			<b>Subtotal</b>	<b>182,884</b>

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Department of Health and Human Services Agency for Healthcare Research and Quality				
Agency for Healthcare Research and Quality	93.226	Direct	3,599,263	735,047
American College of Surgeons	93.226	5R18HS026189-02	125,176	-
Beth Israel Deaconess Medical Center	93.226	5R01HS025702-02	43,618	-
Brigham and Women's Hospital	93.226	1R01HS025375-03	19,053	-
Duke University	93.226	5P50HS023418-03	41,534	-
Duke University	93.226	5P50HS023418-05	128,198	-
Johns Hopkins University	93.226	5R01HS024079-05	25,548	-
Massachusetts General Hospital	93.226	5R01HS025718-03	16,731	-
Northwestern University	93.226	5R01HS024930-04	61,607	-
President and Fellows of Harvard College	93.226	1R01HS026753-01A1	54,131	-
President and Fellows of Harvard College	93.226	1R18HS027282-01	32,651	-
President and Fellows of Harvard College	93.226	5P30HS024453-04	54,615	-
RAND	93.226	5R18HS026432-03	337,926	-
Regents of the University of California, San Francisco	93.226	1R01HS027369-01	82,199	-
Trustees of Columbia University in the City of New York	93.226	5R01HS024538-04	17,397	-
Trustees of Columbia University in the City of New York	93.226	5R01HS024713-04	21,708	-
Yale University	93.226	2U18HS016978-13	177,778	-
Yale University School of Medicine	93.226	5R18HS023778-05	6,958	-
			<b>Subtotal</b>	<b>4,846,091</b>
Department of Health and Human Services Centers for Disease Control and Prevention				
AdCare Educational Institute	93.426	FY2020 - #179-061	3,400	-
Apervita	93.424	U38OT000216	1,409	-
Beth Israel Deaconess Medical Center	93.067	1NU2GGH002212-01-00	184,593	-
Centers for Disease Control and Prevention	93.084	Direct	2,067,162	309,042
Centers for Disease Control and Prevention	93.136	Direct	492,626	79,293
Centers for Disease Control and Prevention	93.262	Direct	606,426	-
Centers for Disease Control and Prevention	93.326	Direct	495,365	87,600
Centers for Disease Control and Prevention	93.349	Direct	515,749	196,874
Children's Hospital Corporation dba Boston Children's Hospital	93.080	5NU27DD001155-05-00	26,597	-
Fenway Community Health Center	93.944	6NU62PS005074	37,802	-
Harvard Pilgrim Health Care	93.084	5U54CK000483-02	10,019	-
Harvard Pilgrim Health Care	93.084	6U54CK000483-04M002	75,918	-
Harvard Pilgrim Health Care	93.084	6U54CK000484-04M001	9,195	-
Harvard School of Public Health	93.067	6U2GGH001911-04-01	1,779	-
Icahn School of Medicine at Mount Sinai	93.262	5U01OH011479-012-00	43,649	-
Johns Hopkins University	93.283	6U01DP005123-05-01	62,016	-
National Association of County and City Health Officials	93.391	1NU1ROT0000015-01-00	314,475	-
National Association of County and City Health Officials	93.421	6 NU38OT000306-02-01	130,128	-
National Association of County and City Health Officials	93.421	NU38OT000306-01-00	(33,895)	-
NIH-NIOSH National Institute for Occupational Safety and Health	93.262	Direct	(82,589)	(278,192)
Partners in Health	93.738	5NU58DP005874-03-00	1	-
Partners in Health	93.738	NU58DP006594-02-00	153,978	-
President and Fellows of Harvard College	93.067	5U2GGH001911-04	(1,360)	-
President and Fellows of Harvard College	93.067	6U2GGH001911-04-01	(2,447)	-
President and Fellows of Harvard College	93.084	6NU38PS004644-05	(1,627)	-
President and Fellows of Harvard College	93.262	5R01OH002421-24	38,025	-
President and Fellows of Harvard College	93.262	5U19OH008861-13	103,676	-
Trustees of Columbia University in the City of New York	93.283	1U01DP006436-01-00	23,209	-
Trustees of Dartmouth College	93.135	6U48DP005018-05-01	16,095	-
UCLA Education and Research Institute	93.860	U01CK000480-05	7,325	-
UCLA Education and Research Institute	93.942	5U01CK000480-03	(377)	-
Yale University	93.068	5R21DP006082-02	(39,093)	-
			<b>Subtotal</b>	<b>5,259,229</b>
Department of Health and Human Services Centers for Medicare and Medicaid Services				
Centers for Medicare & Medicaid Services	93.986	Direct	2,020,247	183,192
			<b>Subtotal</b>	<b>2,020,247</b>
Department of Health and Human Services Food and Drug Administration				
Massachusetts General Hospital	93.103	1U01FD006868-01	34,777	-
New England Pediatric Device Consortium	93.103	5P50FD004907-05	2	-
Perspectum Ltd	93.103	U01FD006880	389	-
U.S. Food & Drug Administration	93.103	Direct	1,934,239	154,846
University of Kansas Medical Center	93.103	5R01FD004809-04	2,245	-
			<b>Subtotal</b>	<b>1,971,652</b>
Department of Health and Human Services Health Resources and Services Administration				
Beth Israel Deaconess Medical Center	93.134	5R39OT31102-03	20,038	-
Educational Development Center	93.110	UF4MC26525	52,210	-
Fenway Community Health Center	93.129	U30CS022742	73,586	-
Fenway Community Health Center	93.129	U30CS22742	37,118	-
Fenway Community Health Center	93.145	U10HA029294	2,640	-
Fenway Community Health Center	93.914	U69HA31067	52,822	-
Great Plains Tribal Chairmen's Health Board	93.211	1G25RH32431-01-00	(567)	-
Health Resources and Services Administration	93.110	Direct	2,873,851	1,265,028
Johns Hopkins University	93.505	5UD5MC30792-04-00	36,168	-
Massachusetts General Hospital Institute of Health Professions	93.247	T94HP30909	3,310	-
Mount Sinai School of Medicine	93.110	5H30MC24048-09-00	3,403	-
University of Colorado at Denver	93.110	5UMA6MC31101-03-00	88,034	-
University of Massachusetts, Worcester	93.145	5U10HA29294-04-00	3,259	-
			<b>Subtotal</b>	<b>3,245,872</b>



# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Department of Health and Human Services National Institutes of Health				
149 Medical	93.853	1R42NS110337-01A1	11,654	-
Actualize Therapy	93.242	5R44MH114725-02	(1,955)	-
ADK Group	93.866	7R41AG062130-02	52,165	-
Advanced Brain Monitoring	93.866	1R44AG050326-01A1	14,951	-
Advanced Brain Monitoring	93.866	1R44AG054256-01A1	25,140	-
Advanced MRI Technologies	93.242	1R44MH112210-01A1	(253)	-
AdventHealth	93.847	7R01DK112700-02	99,100	-
Aethlon Medical	93.396	1R43CA23297701	19,334	-
AfaSci Research Laboratories	93.867	2R44EY025913-02	430,289	-
Africa Health Research Institute	93.855	5R01A1138546-03	24,519	-
Africa Health Research Institute	93.855	5R01A1145305-02	48,432	-
ALA Scientific Instruments	93.279	4R44DA043277-02	28,692	-
Albany Medical College	93.837	R01HL141127	44,382	-
Albert Einstein College of Medicine	93.397	5P20CA210284-02	(62)	-
Albert Einstein College of Medicine	93.847	5R01DK115577-05	254,212	-
Albert Einstein College of Medicine	93.855	1U19A1142777-01	28,501	-
Albert Einstein College of Medicine	93.866	5R01AG062622-02	43,174	-
Albert Einstein College of Medicine of Yeshiva University	93.847	5R01DK102952-07	104,926	-
American College of Surgeons	93.307	5R01MD011695-03	413,426	-
Ann & Robert H Lurie Children's Hospital of Chicago	93.847	R01DK109881	39,422	-
Arbor Research Collaborative for Health	93.847	5R01DK099165-03	(962)	-
Astraea Therapeutics	93.279	1U01DA047791-01	89,799	-
Augusta University	93.847	5R01DK121003-02	218,204	-
Augusta University	93.847	5U24DK115255-04	3,350	-
Augusta University	93.855	5R01HL131674-04	151,154	-
Azevan Pharmaceuticals	93.853	5U44NS090616-04	(18,982)	-
Banner Alzheimer's Institute	93.866	1R01AG058468-01	33,611	-
Banner Alzheimer's Institute	93.866	5R01AG055444-03	37,978	-
Barrett Technology	93.286	1R43EB027525-01	28,821	-
Baylor College of Medicine	93.242	1R01MH115793-03	35,955	-
Baylor College of Medicine	93.394	5R01CA181275-05	(12,456)	-
Baylor College of Medicine	93.837	5R01HL148050-02	165,452	7,478
Baylor College of Medicine	93.847	1R01DK104832-01A1	(288)	-
Baystate Medical Center	93.838	3U01HL123009-06S1	76,637	-
Baystate Medical Center	93.838	5U01HL122989-06	(3,755)	-
Baystate Medical Center	93.838	5U01HL123009-04	365	-
Baystate Medical Center	93.838	5U01HL123009-05	(2,759)	-
Beckman Research Institute of the City of Hope	93.393	5R01CA202712-04	88,203	-
Beckman Research Institute of the City of Hope	93.837	R01HL150069-01	11,897	-
Benaroya Research Institute at Virginia Mason	93.855	5UM1A109565-06	1,096,055	-
Benaroya Research Institute at Virginia Mason	93.855	5UM1A109565-07	3,757,566	-
Beth Israel Deaconess Medical Center	93.113	5R01ES028688-02	22,451	-
Beth Israel Deaconess Medical Center	93.213	R34AT009354	13,003	-
Beth Israel Deaconess Medical Center	93.233	1R01HL136310-01A1	(889)	-
Beth Israel Deaconess Medical Center	93.233	5P01HL095491-10	265,886	-
Beth Israel Deaconess Medical Center	93.233	5R01HL136310-03	12,280	-
Beth Israel Deaconess Medical Center	93.242	5R01MH078113-09	13,605	-
Beth Israel Deaconess Medical Center	93.242	5R01MH107579-04	468,744	-
Beth Israel Deaconess Medical Center	93.242	5R01MH111448-04	99,081	-
Beth Israel Deaconess Medical Center	93.242	5R01MH116170-02	40,424	-
Beth Israel Deaconess Medical Center	93.242	5U01MH081928-09	20,946	-
Beth Israel Deaconess Medical Center	93.242	5U01MH081928-10	7,190	-
Beth Israel Deaconess Medical Center	93.310	5UG3HL147353-03	93,175	-
Beth Israel Deaconess Medical Center	93.395	5R01CA183605-04	(17,214)	-
Beth Israel Deaconess Medical Center	93.395	5U01CA236489-02	92,857	-
Beth Israel Deaconess Medical Center	93.396	5U01CA199252-04	(6,859)	-
Beth Israel Deaconess Medical Center	93.397	5P50CA101942-15	550,770	-
Beth Israel Deaconess Medical Center	93.837	5R01HL125379-04	11,781	-
Beth Israel Deaconess Medical Center	93.837	5U01HL126497-05	(973)	-
Beth Israel Deaconess Medical Center	93.838	5U01HL123009-07	15,644	-
Beth Israel Deaconess Medical Center	93.838	5U01HL123022-07	42,511	-
Beth Israel Deaconess Medical Center	93.839	5R01HL136394-04	566,476	-
Beth Israel Deaconess Medical Center	93.839	5R34HL135226-03	10,160	-
Beth Israel Deaconess Medical Center	93.847	5R01DK088826-08	1	-
Beth Israel Deaconess Medical Center	93.847	5R01DK095072-07	41,595	-
Beth Israel Deaconess Medical Center	93.847	5R01DK103902-05	67,729	-
Beth Israel Deaconess Medical Center	93.847	5R01DK108894-04	10,434	-
Beth Israel Deaconess Medical Center	93.847	5U01DK082919-12	50,766	-
Beth Israel Deaconess Medical Center	93.853	1U01NS096835-02	42,726	-
Beth Israel Deaconess Medical Center	93.853	1U01NS102289-01	71,904	-
Beth Israel Deaconess Medical Center	93.853	5R01NS105844-02	296,540	-
Beth Israel Deaconess Medical Center	93.853	5U01NS096835-03	14,520	-
Beth Israel Deaconess Medical Center	93.855	1R21A1137835-01A1	255	-
Beth Israel Deaconess Medical Center	93.855	1U01A1145801-01	29,906	-
Beth Israel Deaconess Medical Center	93.855	3UM1AI069412-14S1	113,857	-
Beth Israel Deaconess Medical Center	93.855	5R01A1129797-04	113,934	-
Beth Israel Deaconess Medical Center	93.855	5U19A1128751-03	210,412	-
Beth Israel Deaconess Medical Center	93.855	5UM1AI069412-13	627,752	-
Beth Israel Deaconess Medical Center	93.855	5UM1AI069412-14	2,332,166	-
Beth Israel Deaconess Medical Center	93.855	5UM1A1126603-05	138,403	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Beth Israel Deaconess Medical Center	93.855	5UM1A1124377-05	184,826	-
Beth Israel Deaconess Medical Center	93.855	5UM1A126603-05	291,526	-
Beth Israel Deaconess Medical Center	93.855	UM1AI069412-14S1	34,776	-
Beth Israel Deaconess Medical Center	93.866	1R01AG051658-04	8,400	-
Beth Israel Deaconess Medical Center	93.866	1R01AG065554-01	27,097	-
Beth Israel Deaconess Medical Center	93.866	5R01AG052282-05	123,723	-
Beth Israel Deaconess Medical Center	93.866	5R01AG055559-04	218,491	-
Beth Israel Deaconess Medical Center	93.866	5R01AG060981-02	392,344	-
BioSensics	93.865	5R44HD084035-03	306,428	-
BioSensics	93.866	1R42AG059491-01	284,095	-
BioSensics	93.866	5R42AG059491	162,172	-
BioSensics	93.866	R44AG051374	491	-
Board of Regents of the University of Nebraska for the University of Nebraska	93.846	1R01AR073822-01	(11,795)	-
Board of Regents of the University of Wisconsin System	93.310	5UH3OD023282-04	450,693	-
Board of Regents of the University of Wisconsin System	93.855	5U01AI102456-09	6,475	-
Board of Regents of the University of Wisconsin System	93.865	5R01HD094759-03	36,161	-
Board of Trustees of the Leland Stanford Junior University	93.242	5R21MH116484-02	23,332	-
Board of Trustees of the Leland Stanford Junior University	93.394	1U01CA242879-01	208,014	-
Board of Trustees of the Leland Stanford Junior University	93.837	5R01HL128135-04	232,627	-
Board of Trustees of the Leland Stanford Junior University	93.837	7R01HL128135-05	102,406	-
Board of Trustees of the Leland Stanford Junior University	93.855	5U19AI057229-17	58,679	-
Board of Trustees of the University of Alabama for the University of Alabama	93.121	5U19DE022516-07	120	-
Board of Trustees of the University of Alabama for the University of Alabama	93.242	1R34MH118044-01A1	21,371	-
Board of Trustees of the University of Alabama for the University of Alabama	93.279	5R01DA044112-02	140,872	-
Board of Trustees of the University of Alabama for the University of Alabama	93.837	5R35HL135816-04	260,380	-
Board of Trustees of the University of Alabama for the University of Alabama	93.838	5R01HL119960-06	13,624	-
Board of Trustees of the University of Alabama for the University of Alabama	93.838	5U01HL133232-02	(51,098)	-
Board of Trustees of the University of Alabama for the University of Alabama	93.846	5P50AR060772-08	583,101	-
Board of Trustees of the University of Alabama for the University of Alabama	93.855	5U19AI090959-11	615,573	-
Board of Trustees of the University of Illinois	93.121	3R21DE026582-02S1	3,102	-
Board of Trustees of the University of Illinois	93.310	4UH3OD023272-03	28,934	-
Board of Trustees of the University of Illinois	93.847	5R01DK118736-02	33,748	-
Boston College	93.865	5R01HD098421-02	65,146	-
Boston Medical Center	93.279	1UM1DA049412-01	32,472	-
Boston Medical Center	93.279	5R01DA042685-03	29,492	-
Boston Medical Center	93.279	5UM1DA049412-02	151,796	-
Boston Medical Center	93.350	5U01TR002070-03	258,093	-
Boston Medical Center	93.350	5U01TR002070-04	54,639	-
Boston Medical Center	93.847	1R21DK119751-01	4,786	-
Boston Medical Center	93.847	5P30DK046200-27	61,210	-
Boston University	93.143	5P42ES007381-23	76,075	-
Boston University	93.213	5R01AT007483-05	67,136	-
Boston University	93.866	4500003087	17,777	-
Boston University School of Medicine	93.866	1RF1AG061706-01	92,923	-
Boston VA Research Institute	93.837	5U01HL130163-04	23,377	-
Brain Solutions	93.279	1R42DA043977-01	146,919	-
Brandeis University	93.395	5R01CA142746-10	118,851	-
Brandeis University	93.865	5R01HD090103-03	17,168	-
Brigham and Women's Hospital	93.121	5U01DE024443-05	(2,047)	-
Brigham and Women's Hospital	93.172	1U01HG008685-04	151,472	-
Brigham and Women's Hospital	93.172	5U01HG007690-07	334,914	-
Brigham and Women's Hospital	93.173	5R01DC015052-04	2,690	-
Brigham and Women's Hospital	93.242	5R01MH091448-10	128,922	-
Brigham and Women's Hospital	93.242	5R01MH101244-08	240,578	-
Brigham and Women's Hospital	93.242	5R21MH115280-02	(1,799)	-
Brigham and Women's Hospital	93.242	5U01MH109977-04	170,859	-
Brigham and Women's Hospital	93.279	5R01DA044167-02	16,749	-
Brigham and Women's Hospital	93.286	5R21EB025270-02	7,876	-
Brigham and Women's Hospital	93.310	5U01HG007690-03	(187)	-
Brigham and Women's Hospital	93.350	5UH3TR002155-04	90,063	-
Brigham and Women's Hospital	93.394	1R21CA238053-01A1	20,338	-
Brigham and Women's Hospital	93.394	5R01CA120528-10	(11,531)	-
Brigham and Women's Hospital	93.394	5R01CA120528-14	46,582	-
Brigham and Women's Hospital	93.394	5R01CA235589-02	201,462	-
Brigham and Women's Hospital	93.395	3U10CA180821-06S2	192,447	-
Brigham and Women's Hospital	93.395	5R01CA207982-03	31,115	-
Brigham and Women's Hospital	93.395	5U10CA031946-32	2,149	-
Brigham and Women's Hospital	93.396	5P01CA120964-12	15,066	-
Brigham and Women's Hospital	93.396	5R35CA197605-04	(8,511)	-
Brigham and Women's Hospital	93.396	5U01CA214411-03	17,344	-
Brigham and Women's Hospital	93.837	1R01HL150401-01	53,563	-
Brigham and Women's Hospital	93.837	4U54HL119145-06	25	-
Brigham and Women's Hospital	93.837	5R01HL127118-05	10,942	-
Brigham and Women's Hospital	93.837	5U01HL107352-05	76,413	-
Brigham and Women's Hospital	93.837	5U01HL130163-04	58,530	-
Brigham and Women's Hospital	93.837	5U01HL134879-02	3,369	-
Brigham and Women's Hospital	93.837	5U54HL119145-05	(3,480)	-
Brigham and Women's Hospital	93.837	5U54HL119145-06	(472)	-
Brigham and Women's Hospital	93.837	5U54HL119145-07	248,512	-
Brigham and Women's Hospital	93.838	5P01HL108801-04	(28,728)	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Brigham and Women's Hospital	93.846	2R01AR065807	170,493	-
Brigham and Women's Hospital	93.846	5R01AR064367-04	75,013	-
Brigham and Women's Hospital	93.846	5R01AR065538-05	(42,644)	-
Brigham and Women's Hospital	93.846	5R01AR074797-03	45,896	-
Brigham and Women's Hospital	93.846	5U01AR068043-04	104,660	-
Brigham and Women's Hospital	93.846	5U01AR070498-02	196,688	18,338
Brigham and Women's Hospital	93.847	5R01DK102696-05	80,259	-
Brigham and Women's Hospital	93.847	5R01DK104772-05	10,575	-
Brigham and Women's Hospital	93.853	5R21NS104609-02	15,076	-
Brigham and Women's Hospital	93.855	1R01AI150295-01A1	151,672	-
Brigham and Women's Hospital	93.855	1U01AI148306-01	12,985	-
Brigham and Women's Hospital	93.855	5R01AI108538-05	(769)	-
Brigham and Women's Hospital	93.855	5R01AI123001-03	755	-
Brigham and Women's Hospital	93.855	5R01AI138800-02	22,186	-
Brigham and Women's Hospital	93.855	5R01AI138801-03	64,767	-
Brigham and Women's Hospital	93.855	5R01AI138999-02	78,421	-
Brigham and Women's Hospital	93.855	5U01AI117841-06	839,543	-
Brigham and Women's Hospital	93.855	5UM1AI068636-12	55,659	-
Brigham and Women's Hospital	93.859	1R01GM132825-01	72,473	-
Brigham and Women's Hospital	93.859	5P01GM061354-15	319,222	-
Brigham and Women's Hospital	93.865	3R01HD093724-02S1	36,813	-
Brigham and Women's Hospital	93.865	5R01HD093724-03	85,791	-
Brigham and Women's Hospital	93.866	1R01AG063689-01	108,807	-
Brigham and Women's Hospital	93.866	1R01AG067507-01	13,696	-
Brigham and Women's Hospital	93.866	1RF1AG063381-01	29,527	-
Brigham and Women's Hospital	93.866	1RF1AG064312-01	121,742	-
Brigham and Women's Hospital	93.866	2P01AG015379-21A1	595,389	-
Brigham and Women's Hospital	93.866	2P01AG015379-22	779,124	-
Brigham and Women's Hospital	93.866	5P01AG015379-20	(2,229)	-
Brigham and Women's Hospital	93.866	5P01AG015379-20/20S1	(27,822)	-
Brigham and Women's Hospital	93.866	5R01AG042512-05	(28)	-
Brigham and Women's Hospital	93.866	5R01AG042512-07	138,109	-
Brigham and Women's Hospital	93.866	5R01AG053184-03	330,943	-
Brigham and Women's Hospital	93.866	5R01AG054029-02	43,177	-
Brigham and Women's Hospital	93.866	5R01AG054366-02	876	-
Brigham and Women's Hospital	93.866	5R01AG058825-02	237,545	-
Brigham and Women's Hospital	93.866	5R01AG061083-02	206,743	-
Brigham and Women's Hospital	93.867	5R01EY027921-03	145,725	-
Brigham and Women's Hospital	93.867	5R24EY028767-01	370,588	-
Brigham and Women's Hospital	93.307	5R01MD011685-02	155,523	-
Brigham and Women's Hospital	93.397	2P50CA165962-06A1	567,008	-
Broad Institute	93.172	1R01HG010647-01	45,983	-
Broad Institute	93.172	5400000702	31,541	-
Broad Institute	93.172	5R01HG009141-02	7,010	-
Broad Institute	93.172	5RM1HG006193-09	68,337	-
Broad Institute	93.172	5U24HG010262-02	1,834	-
Broad Institute	93.172	5UM1HG008895-04	57,253	-
Broad Institute	93.172	5UM1HG008900-02	22,543	-
Broad Institute	93.172	5UM1HG008900-04	59,105	-
Broad Institute	93.172	5UM1HG009390-02	5,857	-
Broad Institute	93.172	5UM1HG009390-04	43,267	-
Broad Institute	93.172	5UM1HG009435-03	14,850	-
Broad Institute	93.172	R01HG009141	19,913	-
Broad Institute	93.172	RM1HG006193	57,342	-
Broad Institute	93.172	U24HG010262	5,974	-
Broad Institute	93.172	U41HG009494	35,160	-
Broad Institute	93.172	UM1HG008900	91,193	-
Broad Institute	93.172	UM1HG009390	21,634	-
Broad Institute	93.242	1R56MH115957-01	(17,796)	-
Broad Institute	93.242	1R56MH115957-01A1	170,148	-
Broad Institute	93.242	1U01MH121499-01	11,251	-
Broad Institute	93.242	2R01-MH106595-04	3,983	-
Broad Institute	93.242	3U01MH109539-04S1	6,596	-
Broad Institute	93.242	5400000541	1,912	-
Broad Institute	93.242	5400000758 / 1R01MH120642-01	36,877	-
Broad Institute	93.242	5R01MH105500-05	1,383	-
Broad Institute	93.242	5R01MH107649-05	18,903	-
Broad Institute	93.242	5R01MH109903-04	1,921	-
Broad Institute	93.242	5U01MH111660-03	52,882	-
Broad Institute	93.242	5U01MH115727-02	9,634	-
Broad Institute	93.242	5U01MH115727-03	53,305	-
Broad Institute	93.242	5U19MH114821-02	40,074	-
Broad Institute	93.242	R01MH107649	(590)	-
Broad Institute	93.242	R01MH115957	30,788	-
Broad Institute	93.242	U01MH119689	19,105	-
Broad Institute	93.310	5DP5OD024582-03	120,285	-
Broad Institute	93.310	5R01DK113597-04	304,197	-
Broad Institute	93.368	1OT2OD002750-01	7,849	-
Broad Institute	93.368	3OT2OD002750-01S1	221,190	-
Broad Institute	93.393	A20-0145-S002 P072683 U01CA242	2,856	-
Broad Institute	93.393	R01CA208756	51,914	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Broad Institute	93.394	227914	19,150	-
Broad Institute	93.394	5R01CA161026-07	10,416	-
Broad Institute	93.394	5R33CA202820-03	(194)	-
Broad Institute	93.394	U01CA214125	35,015	-
Broad Institute	93.394	U24CA210979	26,042	-
Broad Institute	93.394	U24CA210979-02	14,136	-
Broad Institute	93.394	U24CA210986	114,089	-
Broad Institute	93.394	U24CA210999	57,298	-
Broad Institute	93.396	1UH3CA246632-01	19,268	-
Broad Institute	93.396	2R01CA155010	4,169	-
Broad Institute	93.837	1OT3HL142478-01	(1,370)	-
Broad Institute	93.837	1R01HL142711-01A1 / 234357	12,291	-
Broad Institute	93.837	1R01HL143295-01A1	457,583	-
Broad Institute	93.837	236185 1R01HL148050-01	6,659	-
Broad Institute	93.837	5400000049	(2,893)	-
Broad Institute	93.837	5R01HL131015-03	649	-
Broad Institute	93.837	5R01HL138737-02	(2,102)	-
Broad Institute	93.837	R01HL131015	(21,280)	-
Broad Institute	93.837	R01HL138737 / 1679-01	14,508	-
Broad Institute	93.837	R01HL143295	80,190	-
Broad Institute	93.839	0000996106	19,361	-
Broad Institute	93.839	R01HL48565	6,691	-
Broad Institute	93.846	1UH2AR06788-05	27,987	-
Broad Institute	93.846	3UH2AR067694-05S2	2,843	-
Broad Institute	93.846	R01AR061445	3,550	-
Broad Institute	93.846		1,742	-
Broad Institute	93.847	1UC4DK116255-01	18,309	-
Broad Institute	93.847	233311 / 5R01DK120485-02	7,430	-
Broad Institute	93.847	5400000499	39,862	-
Broad Institute	93.847	5R01DK075787-13	13,363	-
Broad Institute	93.847	5R01DK099465-07	67,786	-
Broad Institute	93.847	5R01DK105154-05	(69,865)	-
Broad Institute	93.847	5R24DK110499-04	13,185	-
Broad Institute	93.847	5RC2DK114784-04	128,450	-
Broad Institute	93.847	5U54DK105566-04	(63,966)	-
Broad Institute	93.847	RC2DK114784	6,390	-
Broad Institute	93.847	U01DK105554	108	-
Broad Institute	93.847	U01DK123717	11,880	-
Broad Institute	93.853	1R01NS102371-01A1	9,800	-
Broad Institute	93.853	5400000503	13,419	-
Broad Institute	93.853	5400000625	33,950	-
Broad Institute	93.855	112673	5,284	-
Broad Institute	93.855	1U19AI133524-01	(15,538)	-
Broad Institute	93.855	1U19AI142780-01	331,283	-
Broad Institute	93.855	1U19AI142784-01	10,017	-
Broad Institute	93.855	234408 / 2U19AI110495-06	5,958	-
Broad Institute	93.855	5P01AI129880-02	5,279	-
Broad Institute	93.855	5R01AI117043-03	8,000	-
Broad Institute	93.855	5R01AI117043-05	12,784	-
Broad Institute	93.855	5R01AI132300-04	43,002	-
Broad Institute	93.855	5U19AI110818-07	86,194	-
Broad Institute	93.855	GR105105(CON-800016 5U19AI089)	4,264	-
Broad Institute	93.855	R56AI137244	11,619	-
Broad Institute	93.855	U19AI082630	5,686	-
Broad Institute	93.855	U19AI13324	6,028	-
Broad Institute	93.855	U19AI142780 5000419	15,143	-
Broad Institute	93.855	U19AI142780 5000429	3,028	-
Broad Institute	93.855	U19AI142780 5000657	15,143	-
Broad Institute	93.855	U24AI118668	28,431	-
Broad Institute	93.859	1R35GM122455-01	(2,172)	-
Broad Institute	93.865	R01HD081256	20,516	-
Broad Institute	93.865	U24HD090743/5400000133/5400000	9,693	-
Broad Institute	93.866	1R21AG067585-01A1	10,547	-
Broad Institute	93.866	5DP2AG058486-02	48,168	-
Broad Institute	93.867	5R01EY027421-03	20,295	-
Broad Institute	93.867	R01EY027421	3,330	-
Brown University	93.173	1U01DC017844-01	36,010	-
Brown University	93.213	5UH2AT009145-05	56,713	-
Brown University	93.242	3R01MH105442-05S1	2,515	-
Brown University	93.242	5R01MH106174-05	7,112	-
Brown University	93.286	5R01EB022889-03	88,305	-
Brown University	93.398	5R01CA201262-04	163,825	-
Brown University	93.839	5U01HL114476-05	(6,209)	-
Brown University	93.853	1R01NS113141-01	149,354	-
Brown University	93.853	5R01NS079533-07	125,623	-
Brown University	93.866	5U54AG063546-02	53,727	-
Brown University	93.866	5UH3AG049619-05	22,333	-
Cambridge Hospital	93.393	5R01CA229355-02	34,214	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Carolinas HealthCare System	93.121	5R01DE023375-05	40,636	-
Carolinas HealthCare System	93.121	5U01DE022939-05	(17,356)	-
Carolinas HealthCare System	93.121	5U01DE022939-07	54,946	-
Case Western Reserve University	93.279	5R01DA043263-05	34,969	-
Case Western Reserve University	93.286	5U01EB020955-03	(4,145)	-
Case Western Reserve University	93.838	5R01HL094585-08	22,327	-
Case Western Reserve University	93.847	1DP3DK114812-01	9,251	-
Case Western Reserve University	93.847	5U01DK094157-10	361,033	-
Case Western Reserve University	93.855	5R01AI124348-05	202,541	-
Case Western Reserve University	93.855	5U01AI1 31295-03	(727)	-
Case Western Reserve University	93.867	5R01EY027134-02	42,738	-
Cedar Sinai Medical Center	93.393	5R01CA211707-02	184,253	-
Cedar Sinai Medical Center	93.394	5R01CA201709-03	27,441	-
Cedar Sinai Medical Center	93.395	5U01CA232859-02	59,829	-
Cedar Sinai Medical Center	93.837	5R01HL131532-05	318,582	-
Cedar Sinai Medical Center	93.837	7R01HL131532-04	83,684	-
Cedar Sinai Medical Center	93.837	7R01HL134168-04	445,485	-
Cedar-Sinai Medical Center	93.837	5R01HL126938-04	17,350	-
Cedar-Sinai Medical Center	93.866	5R01AG058911-03	242,878	-
Children's Hospital Corporation dba Boston Children's Hospital	93.172	1R01HG010004-02	27,730	-
Children's Hospital Corporation dba Boston Children's Hospital	93.233	5R01HL137192-04	287,582	-
Children's Hospital Corporation dba Boston Children's Hospital	93.242	1RF1MH122967-01	22,419	-
Children's Hospital Corporation dba Boston Children's Hospital	93.242	2R01MH078829-20	(918)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.242	5R24MH109111-03	6,317	-
Children's Hospital Corporation dba Boston Children's Hospital	93.286	5R01EB017337-05	(3,631)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.351	1R21OD029996-01	25,877	-
Children's Hospital Corporation dba Boston Children's Hospital	93.394	5U24CA184407-06	(2)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.395	5R01CA222355-02	5,423	-
Children's Hospital Corporation dba Boston Children's Hospital	93.837	1OT2HL152639-01	70,383	-
Children's Hospital Corporation dba Boston Children's Hospital	93.837	5UM1HL098147-10	92,886	-
Children's Hospital Corporation dba Boston Children's Hospital	93.839	5P01HL095489-09	44,766	-
Children's Hospital Corporation dba Boston Children's Hospital	93.839	5P01HL095489-10	309,592	-
Children's Hospital Corporation dba Boston Children's Hospital	93.846	5R34AR066631-02	(1,255)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	1R21DK118951-01	93,154	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5P30DK034854-32	68,199	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5P30DK034854-33	(2,543)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5P30DK034854-35	319,158	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5R24DK099808-05	(290)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.853	1R21NS101373-01A1	(3,635)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.853	5R01NS080833-09	52,652	-
Children's Hospital Corporation dba Boston Children's Hospital	93.853	5R01NS109475-02	17,512	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	3R01AI065617-20S1	46,106	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	3U19AI118608-04S2	94,732	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5P01AI089618-07	(8,838)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5P01AI089618-09	275,595	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5R01AI108588-04	9,332	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5R01AI126915-04	78,618	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5R21AI119457-02	(14,097)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5U01AI126614-05	45,434	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	1R01HD100009-01	116,537	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	1U01HD087211-01	(65)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	1U01HD087211-01	185,724	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	5R01HD065762-10	141,272	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	5R01HD100009-02	53,480	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	5R21HMD096355-02	3,365	-
Children's Hospital Corporation dba Boston Children's Hospital	93.867	5R01EY025794-03	146,821	-
Children's Hospital Corporation dba Boston Children's Hospital	93.867	5R01EY025794-05	132,802	-
Children's Hospital Corporation dba Boston Children's Hospital	93.867	R01EY025794-02S1	181	-
Children's Hospital Los Angeles	93.838	5R01HL141352-03	278,287	-
Children's Hospital Los Angeles	93.838	5R01HL146541-02	197,411	-
Children's Hospital Medical Center	93.837	4R01HL116906-04	(2,469)	-
Children's Hospital Medical Center	93.838	1U01HL148856-01	14,170	-
Children's Hospital of Philadelphia	93.233	1R61HL151253-01	48,512	-
Children's Hospital of Philadelphia	93.853	1U01NS111671-01	16,709	-
Children's Hospital of Philadelphia	93.853	1U54NS115052-01	146,225	-
Cincinnati Children's Hospital Medical Center	93.396	1R01CA240317-01A1	1,627	-
Cincinnati Children's Hospital Medical Center	93.846	5P30AR070549-05	8,430	-
Cleveland Clinic Foundation Group Return	93.838	5U01HL125177-05	219,408	-
Cleveland Clinic Foundation Group Return	93.846	5R01AR074131-02	21,438	-
Cleveland Clinic Lerner College of Medicine	93.839	1UG3HL140097-01A1	8,455	-
Clinitech	93.273	2R44AA026123-02	121,508	-
Collagen Medical	93.286	1R43EB029773-01	40,936	-
Collagen Medical	93.866	1R44AG059524-01	49,822	-
Columbia University	93.837	5R01HL127464-04	143,240	-
Columbia University	93.837	5R01HL132412-03	(8,129)	-
Columbia University	93.847	5R01DK080099-09	(18,969)	-
Columbia University	93.866	5U01AG051412-05	842,407	-
Columbia University Medical Center	93.361	5R01NR016941-04	265,585	-
Columbia University Medical Center	93.846	5R01AR068425-04	43,617	-
Columbia University Medical Center	93.866	5U01AG051412-05	575,714	-
Columbia University Medical Center	93.867	5R01EY024091-04	(2,803)	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Cook Children's Medical Center	93.865	7R21HD090549-03	4,925	-
Cornell University	93.838	5P01HL114501-05	182,742	-
Cornell University	93.853	5R01NS093120-04	(395)	-
Cornell University	93.879	5R01LMO12719-02	30,143	-
CorticoMetrics	93.394	2R42CA183150-02	35,461	-
CorticoMetrics	93.866	1R42AG062026-01A1	36,681	-
CREcare	93.865	1R41HD097844-01A1	50,248	-
CUNY Graduate School of Public Health and Health Policy	93.393	1U01CA230551-01A1	110,975	-
Dana Farber Cancer Institute	93.113	5U01ES029520-02	40,937	-
Dana Farber Cancer Institute	93.121	5R01DE024403-05	(8,975)	-
Dana Farber Cancer Institute	93.121	5R01DE027736-03	121,262	-
Dana Farber Cancer Institute	93.310	3P30CA006516-54S8	86,692	-
Dana Farber Cancer Institute	93.353	1U01DE029188-01	56,592	-
Dana Farber Cancer Institute	93.353	1U01DE029188-01 REVISED	1,951	-
Dana Farber Cancer Institute	93.353	1U2CCA233195-01	8,381	-
Dana Farber Cancer Institute	93.353	1U2CCA233195-02	10,108	-
Dana Farber Cancer Institute	93.353	1U54CA231637-01	306,423	-
Dana Farber Cancer Institute	93.353	1UM1CA233080-01	17,282	-
Dana Farber Cancer Institute	93.353	3P30CA006516-55S1	17,632	-
Dana Farber Cancer Institute	93.353	3R01CA176745-07S1	(1,908)	-
Dana Farber Cancer Institute	93.353	5P01CA154303-08	12,936	-
Dana Farber Cancer Institute	93.353	5U2CCA233195-02	101,870	-
Dana Farber Cancer Institute	93.353	U24CA224331	33,014	-
Dana Farber Cancer Institute	93.393	5P01CA087969-19	(142)	-
Dana Farber Cancer Institute	93.393	5R01CA118553	2,019	-
Dana Farber Cancer Institute	93.393	5R01CA118553-10	5,990	-
Dana Farber Cancer Institute	93.393	5R01CA169141-07	763	-
Dana Farber Cancer Institute	93.393	5R01CA204954-04	199,979	-
Dana Farber Cancer Institute	93.393	5R21CA222940-02	1,665	-
Dana Farber Cancer Institute	93.393	5U01CA218651-02	4,987	-
Dana Farber Cancer Institute	93.393	R01CA227237	(3,461)	-
Dana Farber Cancer Institute	93.394	2R01CA161026-09	17,941	-
Dana Farber Cancer Institute	93.394	3R01CA188446-05S1	10,218	-
Dana Farber Cancer Institute	93.394	5R01CA188446-05	676	-
Dana Farber Cancer Institute	93.394	5R01CA208254-03	(1,858)	-
Dana Farber Cancer Institute	93.394	5R01CA214912-03	3,254	-
Dana Farber Cancer Institute	93.394	5R01CA221874-03	32,477	-
Dana Farber Cancer Institute	93.394	5R01CA239042-02	143,270	-
Dana Farber Cancer Institute	93.394	5U01CA190234-05	51,124	-
Dana Farber Cancer Institute	93.394	5U01CA210171-03	(70)	-
Dana Farber Cancer Institute	93.394	5U01CA210171-04	16,923	-
Dana Farber Cancer Institute	93.394	5U01CA210171-05	140,323	-
Dana Farber Cancer Institute	93.394	5U24CA194354-05	137,691	-
Dana Farber Cancer Institute	93.395	1P01CA229092-02	127,937	-
Dana Farber Cancer Institute	93.395	1U10CA180867-01	4,949	-
Dana Farber Cancer Institute	93.395	5P01CA142106-15	16,257	-
Dana Farber Cancer Institute	93.395	5R01CA178264-05	44	-
Dana Farber Cancer Institute	93.395	5R01CA200977-04	8,155	-
Dana Farber Cancer Institute	93.395	5R01CA205406-04	75,710	-
Dana Farber Cancer Institute	93.395	5U01CA190234-05	1,503	-
Dana Farber Cancer Institute	93.395	5U10CA180867-05	(2,894)	-
Dana Farber Cancer Institute	93.395	5UM1CA186709-04	119,583	-
Dana Farber Cancer Institute	93.395	5UM1CA186709-05	160,521	-
Dana Farber Cancer Institute	93.396	1P01CA233412-01A1	537,656	-
Dana Farber Cancer Institute	93.396	2R01CA181217-06A1	17,520	-
Dana Farber Cancer Institute	93.396	5R01CA131945-10	(12)	-
Dana Farber Cancer Institute	93.396	5R01CA238039-02	18,900	-
Dana Farber Cancer Institute	93.396	5R21CA205094-02	9,809	-
Dana Farber Cancer Institute	93.396	5R35CA197632-04	7,647	-
Dana Farber Cancer Institute	93.396	5U01CA195469-05	5,076	-
Dana Farber Cancer Institute	93.396	5U01CA232161-02	207,009	-
Dana Farber Cancer Institute	93.397	2P50CA127003-11A1	762,601	-
Dana Farber Cancer Institute	93.397	2P50CA168504-06A1	254,150	-
Dana Farber Cancer Institute	93.397	2P50CA168504-7	28,680	-
Dana Farber Cancer Institute	93.397	3P30CA006516-51S4	(17,331)	(14,935)
Dana Farber Cancer Institute	93.397	3P30CA006516-53S7	302,190	-
Dana Farber Cancer Institute	93.397	3P30CA006516-55S5	54,831	-
Dana Farber Cancer Institute	93.397	4P50CA127003-09	(9,750)	-
Dana Farber Cancer Institute	93.397	5P30CA006516-53	7,756	-
Dana Farber Cancer Institute	93.397	5P30CA006516-54	10,750	-
Dana Farber Cancer Institute	93.397	5P30CA006516-55	2,601,128	-
Dana Farber Cancer Institute	93.397	5P50CA090381-15	(10)	-
Dana Farber Cancer Institute	93.397	5P50CA127003-10	(13,842)	-
Dana Farber Cancer Institute	93.397	5P50CA206963-04	176,497	-
Dana Farber Cancer Institute	93.397	5U54CA193461-04	30,727	-
Dana Farber Cancer Institute	93.397	5U54CA193461-05	93,531	-
Dana Farber Cancer Institute	93.397	5UM1CA186709-05	198,668	-
Dana Farber Cancer Institute	93.399	5UG1CA233180-02	13,886	-
Dana Farber Cancer Institute	93.399	5UG1CA233180-02	4,167	-
Dana Farber Cancer Institute	93.839	5UG1HL069249-20	12,898	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Dana Farber Cancer Institute	93.847	1R01DK124384-01	16,277	-
Dana Farber Cancer Institute	93.853	5R01NS091620-05	27,991	-
Dana Farber Cancer Institute	93.866	1UG3AG060626-01	(40,164)	-
Dana Farber Cancer Institute	93.866	5UH3AG060626-03	588,901	-
Dana Farber/Harvard Cancer Center	93.397	5P50CA090381-15	(5,008)	-
Dartmouth Hitchcock Clinic	93.865	5R01HD067270-11	150,239	-
Dartmouth Hitchcock Clinic	93.865	R01HD067270	100,287	-
Day Zero Diagnostics	93.855	R43AI148172	22,578	-
Dimagi	93.307	1R43MD014916-01	59,192	-
Duke NUS Graduate Medical School	93.855	5R01AI139032-03	14,368	-
Duke University	93.286	1R21EB025313-01	(271)	-
Duke University	93.286	5R01EB028143-02	271,893	-
Duke University	93.393	1R01CA235677-01A1	79,310	-
Duke University	93.394	5R01CA200808-02	5,706	-
Duke University	93.394	7R01CA182076-05	(813)	-
Duke University	93.837	5R01HL146145-02	274,079	-
Duke University	93.837	5U10HL084904-12	160,966	-
Duke University	93.837	U01HL134679-02	6,850	-
Duke University	93.855	1R01AI139425-01A1	21,563	-
Duke University	93.855	1R56AI139425-01	5,440	-
Duke University	93.855	5UM1AI104681-05	56,780	-
Duke University	93.855	5UM1AI104681-07	1,134	-
Duke University	93.855	5UM1AI104681-07	1,265	-
Duke University	93.866	1R01AG062770-01	39,139	-
Duke University	93.866	1RF1AG051550-01	117,510	-
Ecog Acrin Cancer Research Group	93.395	5U10CA180820-05	(2)	-
Ecog Acrin Medical Research Foundation	93.395	5UG1CA189828-05	310	-
Ecog Acrin Medical Research Foundation	93.395	U10CA180820-07	371,702	-
Ecog-Acrin Medical Research Foundation	93.394	5U24CA196172-05S1	8,835	-
Ecog-Acrin Medical Research Foundation	93.399	2UG1CA189828-06	56,163	-
EMMES	93.847	1UC4DK114839-01	(35,868)	-
Emory University	93.837	5R01HL119798-07	19,154	-
Emory University	93.855	2P30AI050409-20	125,972	-
Emory University	93.855	2U19AI110483-06	28,586	-
Emory University	93.855	5R01AI051231-19	405,280	-
Emory University	93.855	5U19AI110483-07	218,954	-
Emory University	93.866	5R01AG058704-03	48,074	-
Environment and Health Group	93.307	2R44MD009454-03	120,978	-
Expesicor	93.853	1R43NS115294-01	22,879	-
ExQor Technologies	93.279	1R43DA044050-01	1,143	-
ExQor Technologies	93.866	4R44AG05834302	200,809	-
Eyenexo	93.867	1R43EY028778-01	66,713	-
EyePhone	93.867	5R44EY025902-03	16,455	-
Feinstein Institute for Medical Research	93.846	5UH2AR067694-02	(36,476)	-
Feinstein Institute for Medical Research	93.846	5UH2AR067694-05 REVISED	843,071	-
Feinstein Institute for Medical Research	93.855	5UH2AR067688-04	(107,416)	-
Feinstein Institute for Medical Research	93.855	5UH2AR067688-05	32,639	-
Fenway Community Health Center	93.279	1R01DA047933-01	61	-
Fenway Community Health Center	93.279	523DA044874-03	13,304	-
Fenway Community Health Center	93.279	5R01DA044112-02	10,674	-
Fenway Community Health Center	93.279	5R01DA047045-03	8,240	-
Fenway Community Health Center	93.307	5R01MD013498-04	13,121	-
Fenway Community Health Center	93.855	5P30AI060354-14	1,749	-
FHC	93.242	1R41MH11980401	110,762	-
FHC	93.242	3R41MH119804-01S1	5,930	-
FHI 360	93.855	5UM1A1068619-12	59,799	-
FHI 360	93.865	5R01HD077888-03	(146)	-
FieldLine	93.853	1R41NS108898-01	(39)	-
Florida Atlantic University	93.855	1R15AI127214-01	8,011	-
Florida International University	93.279	5U01DA040381-04	19,160	-
Florida International University	93.396	7U01CA225644-03	17,684	-
Florida International University	93.855	1R21AI146368-01	40,189	-
FluGen	93.855	R42AI120269-03	189,669	-
Forsyth Institute	93.121	2R01DE025020-05	89,751	-
Forsyth Institute	93.121	5R01DE024468-05	33,735	-
Fox Chase Cancer Center	93.859	5R01GM097360-10	25,653	-
Fred Hutchinson Cancer Research Center	93.393	1R01CA248857-01	33,908	-
Fred Hutchinson Cancer Research Center	93.393	5R01CA176272-05	7,309	-
Fred Hutchinson Cancer Research Center	93.393	5U01CA137088-09	53,071	-
Fred Hutchinson Cancer Research Center	93.394	5U01CA214114-04	53,518	-
Fred Hutchinson Cancer Research Center	93.394	5U01CA214172-04	12,133	-
Fred Hutchinson Cancer Research Center	93.855	3UM1AI068614-14S1	1,444,301	-
Fred Hutchinson Cancer Research Center	93.855	5UM1AI068614-12	(215,823)	-
Fred Hutchinson Cancer Research Center	93.855	5UM1AI068614-13	187,329	-
Fred Hutchinson Cancer Research Center	93.855	5UM1AI068614-14	112,832	-
Fred Hutchinson Cancer Research Center	93.855	5UM1AI068618-13	(3,419)	-
Fred Hutchinson Cancer Research Center	93.866	5R01AG048209-04	(3)	-
Fred Hutchinson Cancer Research Center	93.866	5R01AG048209-05	88,537	-
Function Promoting Therapies	93.866	2R44AG045011-02	173,207	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
George Washington University	93.837	5R01HL140977-02	224,545	-
George Washington University	93.847	5U01DK061230-16	136,073	-
George Washington University	93.847	5U01DK098246-08	993,189	-
George Washington University	93.847	R01DK104845	33,385	-
Georgetown University	93.989	R21TW010789	34,889	-
GHESKIO Centers	93.855	4UM1AI069421-14	55,492	-
Giner	93.242	5R44MH090582-06	(1,768)	-
Giner	93.865	1R43HD098994-01	15,064	-
Hackensack University Medical Center	93.395	5R01CA212639-03	88,474	-
Harvard Pilgrim Health Care	93.393	5R00CA201542-03	16,958	-
Harvard Pilgrim Health Care	93.865	1R01HD094150-03	107,289	-
Harvard Pilgrim Health Care	93.865	3R01HD034568-17S2	17,867	-
Harvard Pilgrim Health Care	93.865	5R01HD085993-05	195,817	-
Harvard Pilgrim Health Care	93.865	5R01HD090019-04	100,303	-
Harvard Pilgrim Health Care	93.865	R01HD034568-18	236,177	-
Harvard School of Public Health	93.855	5U01AI114235-03	(1,904)	-
Harvard School of Public Health	93.855	5UM1AI069456-14	68,374	-
Harvard University	93.837	5U19HL129903-05	73,225	-
Hebrew Rehabilitation Center for Aged	93.853	3P01AG031720-07S1	105,934	-
Hebrew Rehabilitation Center for Aged	93.866	1R01AG059089	20,470	-
Hebrew Rehabilitation Center for Aged	93.866	5P01AG031720-07	276,293	-
Hebrew Rehabilitation Center for Aged	93.866	5P01AG031720-08	143,853	-
Hebrew Rehabilitation Center for Aged	93.866	5R01AG025037-13	20,052	-
Hebrew Rehabilitation Center for Aged	93.866	90083	62,626	-
Hebrew Rehabilitation Center for Aged	93.866	R01AG025037	25,807	-
Hebrew Senior Life	93.846	1R01AR075346-01	11,891	-
Hebrew Senior Life	93.866	5P01AG031720-07	15,904	-
Hebrew Senior Life	93.866	5P01AG031720-08	93,707	-
Hebrew Senior Life	93.866	5R21AG057955-02	(171)	-
Hebrew Senior Life	93.866	5R21AG060227-02	32,381	-
Hebrew Senior Life	93.866	90103	10,654	-
Hebrew Senior Life	93.866	P01AG031720	12,231	-
Hennepin Healthcare Research Institute	93.866	1U19AG062682-01	298,336	-
Highland Instruments	93.213	5R44AT008637-03	201,575	-
Highland Instruments	93.853	1R44NS110237-01	43,646	-
Highland Instruments	93.866	1R44AG055 360-01	(6,703)	-
Highland Instruments	93.866	1R44AG055360-01	77,915	-
Huntington Medical Research Institute	93.242	7R01MH110438-05	4,007	-
Icahn School of Medicine at Mount Sinai	93.242	5P50MH096890-09	79,410	-
Icahn School of Medicine at Mount Sinai	93.393	5R01CA203193-05	59,180	-
Icahn School of Medicine at Mount Sinai	93.393	5R01CA210806-04	73,466	-
Icahn School of Medicine at Mount Sinai	93.837	5P01HL131478-04	840,595	-
Icahn School of Medicine at Mount Sinai	93.837	5R01HL128056-04	(28)	-
Icahn School of Medicine at Mount Sinai	93.837	5R01HL144072-03	93,762	-
Icahn School of Medicine at Mount Sinai	93.837	5R01HL147328-02	15,995	-
Icahn School of Medicine at Mount Sinai	93.837	5U01HL088942-13	94,210	-
Icahn School of Medicine at Mount Sinai	93.853	1RF1NS115268-01	98,932	-
Icahn School of Medicine at Mount Sinai	93.853	5U01NS107016-02	187,441	-
Icahn School of Medicine at Mount Sinai	93.855	5U19AI118610-05	50,030	-
Icahn School of Medicine at Mount Sinai	93.859	5R35GM124836-03	55,856	-
Icahn School of Medicine at Mount Sinai	93.866	5R01AG052557-05	19,410	-
Icahn School of Medicine at Mount Sinai	93.866	5R01AG053509-05	245,674	-
Icahn School of Medicine at Mount Sinai	93.866	5U24AG059624-02	6,741	-
Icahn School of Medicine at Mount Sinai	93.867	1UG1EY028096-01A1	(3,945)	-
Icahn School of Medicine at Mount Sinai	93.867	2R01EY015473-14A1	22,628	-
Icahn School of Medicine at Mount Sinai	93.867	5R01EY015473-16	240,863	-
ICON Clinical Research	93.837	1U01HL117006-01A1	(131)	-
Institute for Systems Biology	93.855	521AI133335-02	(5)	-
Integrated BioTherapeutics	93.855	1R43AI136143	66,269	-
Intelon Optics	93.867	1R41EY028820-01A1	36,076	-
International Agency for Research on Cancer	93.273	5R01AA024770-04	31,461	-
International Agency for Research on Cancer	93.310	7U19CA203654	27,301	-
International Agency for Research on Cancer	93.394	1U01CA195603	5,468	-
IQ Medical Imaging	93.394	2R42CA192600-02	281,630	-
IQ Medical Imaging	93.394	5R42CA189637-03	284,804	-
Jackson Laboratory	93.172	3U41HG007497-04S1	(1,484)	-
Jackson Laboratory	93.172	5U24HG007497-06	148,594	-
Jaeb Center for Health Research	93.867	2UG1EY014231-18	22,209	-
Jaeb Center for Health Research	93.867	5U10EY014231-16	(17,663)	-
Joan & Sanford I. Weill Medical College of Cornell University	93.837	7U01HL105561-08	10,305	-
Joan & Sanford I. Weill Medical College of Cornell University	93.838	1R01HL133801-02	(15,530)	-
Joan & Sanford I. Weill Medical College of Cornell University	93.853	5UH3NS095554-04	59,606	-
Joan & Sanford I. Weill Medical College of Cornell University	93.855	3U19AI11143-06S1	9,838	-
Johns Hopkins University	93.172	5U24HG010263-02	113,155	-
Johns Hopkins University	93.173	5U01DC013778-05	31,523	-
Johns Hopkins University	93.173	5U01DC013778-05	3,930	-
Johns Hopkins University	93.242	5P50MH115842-02	20,637	-
Johns Hopkins University	93.242	5R01MH104553-05	16,593	-
Johns Hopkins University	93.394	5U01CA230691-02	25,053	-
Johns Hopkins University	93.395	5UM1CA137443-09	17,008	-
Johns Hopkins University	93.847	1R01DK124782-01	104,068	-
Johns Hopkins University	93.847	3R24DK099803-05S1	79,759	-



# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Johns Hopkins University	93.847	5R24DK099803-05	(12,489)	-
Johns Hopkins University	93.847	5U34DK120051-02	9,261	-
Johns Hopkins University	93.855	3U24AI118633-05S1	5,031	-
Johns Hopkins University	93.855	4UH3AI133669-03	50,501	-
Johns Hopkins University	93.855	5U01AI125290-04	(7,906)	-
Johns Hopkins University	93.855	5U01AI134591-04	4,120	-
Johns Hopkins University	93.855	5U24AI118633-05	191,183	-
Johns Hopkins University	93.855	5UM1AI068632-14	149,988	-
Johns Hopkins University	93.855	5UM2AI130836-04	316,361	-
Johns Hopkins University	93.866	5R01AG049872-05	12,240	-
Johns Hopkins University	93.866	5R01AG053100-04	148,579	-
Johns Hopkins University	93.867	5U10EY024527-04	18,667	-
Johns Hopkins University	93.867	7UG1EY028096-02	27,063	-
Johns Hopkins University School of Medicine	93.837	5R01HL112299-05	(2,322)	-
Johns Hopkins University School of Medicine	93.866	5R01AG050515-04	307,437	-
Joslin Diabetes Center	93.847	3R01DK077097-13S1	111,581	-
Joslin Diabetes Center	93.847	4P30DK036836-30	12,692	-
Joslin Diabetes Center	93.847	5U01DK114156-03	34,077	-
Joslin Diabetes Center	93.847	5U01DK116102-04	1,843	-
Joslin Diabetes Center	93.847	R01DK121995	14,957	-
Joslin Diabetes Center	93.847	R01DK122808	101,897	-
Joslin Diabetes Center	93.847	U01DK114156	4,835	-
Kaiser Foundation Research Institute	93.393	R01CA241623	36,853	-
Kaiser Foundation Research Institute	93.847	2R01DK085070	34,846	-
King's College London	93.242	1R01MH114708-02	194,901	-
Kitware	93.286	2R01EB014955-05	10,009	-
Kitware	93.286	5R01EB021396-04	15,563	-
La Jolla Institute for Immunology	93.855	5U19AI142790-02	10,351	-
La Jolla Institute for Immunology	93.855	5U19AI142790-02	136,343	-
Lumicell	93.394	5R44CA211013-02	116,324	-
Lumicell	93.394	5R44CA211013-2	8,193	-
Maine Medical Center	93.847	5R24DK092759-09	308,671	-
Masonic Medical Research Institute	93.837	R01HL102368-08	142,082	-
Mass Eye And Ear Infirmary	93.173	5R01DC011805-10	76,467	-
Mass Eye And Ear Infirmary	93.173	5R01DC014924-06	29,221	-
Mass Eye And Ear Infirmary	93.173	5R21DC014909-02	19,991	-
Mass Eye And Ear Infirmary	93.853	5R01NS088160-04	15,959	-
Mass Eye And Ear Infirmary	93.855	5P01AI083214-12	944,977	-
Mass Eye And Ear Infirmary	93.867	1R01EY031300-01	5,972	-
Mass Eye And Ear Infirmary	93.867	2R01EY022305-08	40,459	-
Mass Eye And Ear Infirmary	93.867	5R01EY020928-08	77,245	-
Mass Eye And Ear Infirmary	93.867	5R01EY029269-02	236,951	-
Massachusetts General Hospital	93.172	5R01HG009174-04	150,010	-
Massachusetts General Hospital	93.242	5R01MH102279-05	172,825	-
Massachusetts General Hospital	93.242	5R01MH108427-04	22,557	-
Massachusetts General Hospital	93.242	5R01MH113930-04	3,124	-
Massachusetts General Hospital	93.242	5R01MH116173-03	280,383	-
Massachusetts General Hospital	93.242	5R01MH116205-02	178,711	-
Massachusetts General Hospital	93.273	5R21AA025192-02	(500)	-
Massachusetts General Hospital	93.273	5R33AA025192-05	89,626	-
Massachusetts General Hospital	93.279	5R61DA047034-03	363,211	-
Massachusetts General Hospital	93.286	7R01EB017722-05	70,772	-
Massachusetts General Hospital	93.286	8U01DK127587-02	101,308	-
Massachusetts General Hospital	93.310	3OT2OD026553-01S2	3,751,330	-
Massachusetts General Hospital	93.310	5UH3TR000901-05	737	-
Massachusetts General Hospital	93.361	1R01NR017399-01A1	(1,323)	-
Massachusetts General Hospital	93.393	5R01CA137178-10	9,233	-
Massachusetts General Hospital	93.393	5R01CA218123-03	48,259	-
Massachusetts General Hospital	93.393	5U01CA225451-02	111,782	-
Massachusetts General Hospital	93.394	5R01CA203873-05	21,409	-
Massachusetts General Hospital	93.394	5R01CA215431-04	134,745	-
Massachusetts General Hospital	93.394	5R01CA227156-03	38,856	-
Massachusetts General Hospital	93.394	5U01CA182367-05	91,528	-
Massachusetts General Hospital	93.394	5U01CA233360-03	196,822	-
Massachusetts General Hospital	93.395	1P01CA240239-01	10,876	-
Massachusetts General Hospital	93.395	1R01CA227821-02	62,471	-
Massachusetts General Hospital	93.395	5P01CA069246-23	358,869	-
Massachusetts General Hospital	93.396	5U19CA179563-05	(66)	-
Massachusetts General Hospital	93.837	5R01HL125869-05	39,246	-
Massachusetts General Hospital	93.837	5R01HL128099-04	29,190	-
Massachusetts General Hospital	93.837	5R01HL130539-05	29,393	-
Massachusetts General Hospital	93.837	5R01HL133149-04	37,005	-
Massachusetts General Hospital	93.837	5R01HL137562-04	(8,316)	-
Massachusetts General Hospital	93.837	5R01HL140498-03	45,068	-
Massachusetts General Hospital	93.837	5R01HL141053-03	88,245	-
Massachusetts General Hospital	93.837	5R01HL141917-03	317,676	-
Massachusetts General Hospital	93.837	5R01HL142809-03	67,763	-
Massachusetts General Hospital	93.837	5R01HL146267-02	44,226	-
Massachusetts General Hospital	93.837	5U01HL123336-04	12,714	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Massachusetts General Hospital	93.837	5U01HL123336-06	3,675	-
Massachusetts General Hospital	93.837	5U01HL123339-06	38,337	-
Massachusetts General Hospital	93.837	5U10HL110337-07	(6,840)	-
Massachusetts General Hospital	93.838	1UG3HL140177-01A1	2,975	-
Massachusetts General Hospital	93.838	3U01HL123009-06S2	9,712	-
Massachusetts General Hospital	93.839	5R01HL137913-04	33,159	-
Massachusetts General Hospital	93.846	1R01AR077023-01	6,187	-
Massachusetts General Hospital	93.847	1R01DK124145-01	16,952	-
Massachusetts General Hospital	93.847	1R01DK124145-01	14,535	-
Massachusetts General Hospital	93.847	5P30DK040561-23	20,605	-
Massachusetts General Hospital	93.847	5P30DK057521-19	8,875	-
Massachusetts General Hospital	93.847	5P30DK057521-20	8,966	-
Massachusetts General Hospital	93.847	5R01DK049302-23	233,660	-
Massachusetts General Hospital	93.847	5R01DK101495-06	126,321	-
Massachusetts General Hospital	93.847	5R01DK105072-05	52,314	-
Massachusetts General Hospital	93.847	5R01DK107972-05	68,177	-
Massachusetts General Hospital	93.853	1R01NS110575-01	20,346	-
Massachusetts General Hospital	93.853	1U24NS107243-01	6,189	-
Massachusetts General Hospital	93.853	5R01NS062092-08	33,860	-
Massachusetts General Hospital	93.853	5R01NS102574-03	17,685	-
Massachusetts General Hospital	93.853	5U01NS090259-05	5,550	-
Massachusetts General Hospital	93.853	5U01NS098968-03	83,787	-
Massachusetts General Hospital	93.853	5U24NS107154-03	48,674	-
Massachusetts General Hospital	93.853	5U24NS107243-02	13,610	-
Massachusetts General Hospital	93.853	5U24NS113850-02	208,349	-
Massachusetts General Hospital	93.853	5UH3NS100548-02	9,817	-
Massachusetts General Hospital	93.855	5R01A1042006-23	105,968	-
Massachusetts General Hospital	93.855	5R01A1123001-05	535	-
Massachusetts General Hospital	93.855	5R37A1058736-16	47,432	-
Massachusetts General Hospital	93.855	5U01A1136816-03	98,178	-
Massachusetts General Hospital	93.865	5R01HD091067-03	427,566	-
Massachusetts General Hospital	93.866	1R01AG062667-01A1	32,442	-
Massachusetts General Hospital	93.866	1R01AG067019-01	27,576	-
Massachusetts General Hospital	93.866	1R56AG057454-01	21	-
Massachusetts General Hospital	93.866	5R01AG054081-04	140,123	-
Massachusetts General Hospital	93.867	1R01EY029544-01	74,009	-
Massachusetts General Hospital	93.867	5R01EY025454-04	3,030	-
Massachusetts General Hospital	93.867	5R01EY028234-02	3,297	-
Massachusetts General Hospital Institute of Health Professions	93.866	5R21AG055149-02	11,597	-
Massachusetts Institute of Technology	93.172	3R01HG008754-03S1	(1,812)	-
Massachusetts Institute of Technology	93.172	5R01HG008754-04	228,898	-
Massachusetts Institute of Technology	93.242	3U01MH108168-04S1	46,682	-
Massachusetts Institute of Technology	93.242	5U01MH108168-04	(6,741)	-
Massachusetts Institute of Technology	93.242	5U01MH108168-04S1	76,048	-
Massachusetts Institute of Technology	93.242	5-U01-MH117072-02	120,898	-
Massachusetts Institute of Technology	93.242	5U01MH117072-03	46,393	-
Massachusetts Institute of Technology	93.286	5P41EB015871-34	155,189	-
Massachusetts Institute of Technology	93.286	5R01EB000244-41	356,199	-
Massachusetts Institute of Technology	93.286	5R01EB022062-04	36,049	-
Massachusetts Institute of Technology	93.394	1R21CA236685-01	63,190	-
Massachusetts Institute of Technology	93.394	5R33CA223904-03	191,090	-
Massachusetts Institute of Technology	93.396	5U01CA215798-04	345,996	-
Massachusetts Institute of Technology	93.397	5P30CA014051-47	(5,530)	-
Massachusetts Institute of Technology	93.397	5U54CA210180-03	20,780	-
Massachusetts Institute of Technology	93.397	5U54CA210180-04	336,367	-
Massachusetts Institute of Technology	93.853	1R21NS105027-01A1	25,402	-
Massachusetts Institute of Technology	93.866	5R01AG058002-04	233,099	-
Mayo Clinic	93.395	2UG1CA189823-06	291,029	-
Mayo Clinic	93.395	5UG1CA189823-04	(11,270)	-
Mayo Clinic	93.395	5UG1CA189823-05	(905)	-
Mayo Clinic	93.399	1UG1CA189823-01	(3,516)	-
Mayo Clinic	93.399	5UG1CA189823-05	(12,472)	-
Mayo Clinic	93.853	5UG3NS103870-03	15,267	-
Mayo Clinic	93.866	1RF1AG057547-01	341,388	-
Mayo Clinic	93.866	1U19AG063911-01	29,380	-
Mayo Clinic	93.866	5U01AG045390-05	(48,450)	-
Mayo Clinic	93.866	U19AG063911-01	260,832	-
Mayo Clinic Jacksonville	93.853	2P01NS084974-06A1	50,528	-
Mayo Clinic Jacksonville	93.853	5U01NS080168-06	13,515	-
McLean Hospital	93.242	1P50MH115846-01A1	107,233	-
McLean Hospital	93.242	1P50MH119467-01A1	46,395	-
McLean Hospital	93.242	1R01MH122427-01	1,167	-
McLean Hospital	93.242	3R01MH104488-04S1	31,704	-
McLean Hospital	93.242	5P50MH115846-02	170,925	-
McLean Hospital	93.242	5R01MH108602-05	82,881	-
McLean Hospital	93.242	5R01MH110438-04	12,937	-
McLean Hospital	93.242	5R01MH117012-02	208,407	-
McLean Hospital	93.242	5R37MH068376-16	22,158	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
McLean Hospital	93.279	3R01DA041866-02S1	120,964	-
McLean Hospital	93.279	3UG1DA015831-18S1	179,006	-
McLean Hospital	93.279	3UG1DA015831-18S5	432,475	-
McLean Hospital	93.279	5R01DA045632-02	9,632	-
McLean Hospital	93.279	5R33DA042847-04	166,469	-
McLean Hospital	93.279	5UG1DA015831-18S6	47,499	-
McLean Hospital	93.853	5R01NS100808-03	10,241	-
MD Anderson Cancer Center	93.396	5P01CA117969-15	197,726	-
Medical University of South Carolina	93.847	1U01DK104833-03	8,304	-
Memorial Sloan Kettering Institute Cancer Center	93.393	1R21CA239784-01	14,383	-
Memorial Sloan Kettering Institute Cancer Center	93.395	3P01CA190174-05S1	157,750	-
Memorial Sloan Kettering Institute Cancer Center	93.395	5P01CA190174-05	375,797	-
Memorial Sloan Kettering Institute Cancer Center	93.396	5U24CA213274-04	85,130	-
Methodist Hospital Research Institute	93.397	5U54CA210181-04	132,208	-
Michigan State University	93.310	5UH3OD023285-05	70,432	-
Michigan State University	93.394	7R01CA135650-09	2,520	-
Michigan State University	93.837	5R01HL130624-04	(3,631)	-
Michigan State University	93.865	5R01HD094842-03	134,281	-
Michigan State University	93.865	5R01HD096033-02	16,076	-
Michigan State University	93.865	5R21HD096358-02	80,715	-
MindLight	93.279	1R43DA050358-01	80,134	-
Minnesota HealthSolutions	93.866	R44AG058515	62,245	-
Miriam Hospital	93.865	5R01HD078515-05	(1,019)	-
Montreal Heart Institute	93.847	5U01DK062432-19	204,220	-
Mount Sinai Medical Center	93.213	1UG3AT009149-02	(28,527)	-
Mount Sinai Medical Center	93.393	5R01CA202956-04	167,501	-
Mount Sinai Medical Center	93.867	5U10EY024526-03	325	-
Mount Sinai School of Medicine	93.837	2U01HL088942-12	283,482	-
Mount Sinai School of Medicine	93.837	5P01HL131478-04	304,889	-
Mount Sinai School of Medicine	93.837	5U01HL088942-11	(20,391)	-
Mount Sinai School of Medicine	93.853	5U01NS086625-04	17,379	-
Mount Sinai School of Medicine	93.859	5R01GM114472-05	11,507	-
National Bureau of Economic Research	93.866	2P01AG005842-30	(248)	-
National Bureau of Economic Research	93.866	5P01AG005842-31	80,708	-
National Jewish Health	93.838	5U01HL089897-14	144,779	-
National Jewish Health	93.855	4U01AI097073-04	277,403	-
National Marrow Donor Program	93.839	5U01HL069249	15,381	-
Natural Pharmacia International	93.273	4R42AA022577-02	25,894	-
Natural Pharmacia International	93.351	SBIR	40,378	-
New England Research Institute	93.837	5U01HL107407-02	10,630	-
New England Research Institute	93.837	5U01HL107407-05	48,410	-
New England Research Institute	93.847	5U01DK110377-03	(6,885)	-
New York Genome Center	93.859	5R01GM122924-02	1,675	-
New York University Medical Center	93.213	7R01AT007258-06	(188)	-
New York University Medical Center	93.395	5U01CA213333-04	1,619	-
New York University School of Medicine	93.213	4UG3AT009844-03	49,717	-
New York University School of Medicine	93.837	1U34HL147347-01	11,198	-
New York University School of Medicine	93.837	5U01HL105907-07	1,727	-
New York University School of Medicine	93.837	R01HL119153	16	-
New York University School of Medicine	93.867	5U10EY026869-03	29,318	-
NIH-FIC Fogarty International Center	93.989	Direct	490,053	137,971
NIH-National Institutes of Health	93.865	Direct	1,341,082	716,373
NIH-NCATS National Center for Advancing Translational Sciences	93.310	Direct	409,213	200,714
NIH-NCATS National Center for Advancing Translational Sciences	93.350	Direct	1,339,743	244,262
NIH-NCCAM National Center for Complementary and Alternative Medicine	93.213	Direct	5,015,514	248,686
NIH-NCCIH National Center for Complementary and Integrative Health	93.213	Direct	53,967	-
NIH-NCI National Cancer Institute	93.310	Direct	693,888	-
NIH-NCI National Cancer Institute	93.353	Direct	2,587,128	25,804
NIH-NCI National Cancer Institute	93.393	Direct	20,450,918	2,646,926
NIH-NCI National Cancer Institute	93.394	Direct	16,979,642	3,445,897
NIH-NCI National Cancer Institute	93.395	Direct	40,713,483	16,020,178
NIH-NCI National Cancer Institute	93.396	Direct	16,088,305	2,507,756
NIH-NCI National Cancer Institute	93.397	Direct	1,665,832	770,325
NIH-NCI National Cancer Institute	93.398	Direct	183,403	-
NIH-NCNR National Center for Nursing Research	93.361	Direct	1,663,806	353,969
NIH-NEI National Eye Institute	93.867	Direct	24,534,471	2,655,835
NIH-NHGRI National Human Genome Research Institute	93.172	Direct	9,772,681	5,194,222
NIH-NHGRI National Human Genome Research Institute	93.310	Direct	240,594	-
NIH-NHLBI National Heart, Lung, and Blood Institute	93.233	Direct	6,415,916	211,893
NIH-NHLBI National Heart, Lung and Blood Institute	93.077	Direct	252,194	34,028
NIH-NHLBI National Heart, Lung and Blood Institute	93.837	Direct	61,001,500	10,446,326
NIH-NHLBI National Heart, Lung and Blood Institute	93.838	Direct	29,868,400	4,546,318
NIH-NHLBI National Heart, Lung and Blood Institute	93.839	Direct	6,931,898	1,531,802
NIH-NHLBI National Heart, Lung and Blood Institute	93.840	Direct	582,963	128,010
NIH-NIA National Institute on Aging	93.310	Direct	24,891	-
NIH-NIA National Institute on Aging	93.866	Direct	68,580,803	13,845,803
NIH-NIAAA National Institute on Alcohol Abuse and Alcoholism	93.273	Direct	2,025,406	396,546
NIH-NIAID National Institute of Allergy and Infectious Diseases	93.855	Direct	70,101,957	13,335,649
NIH-NIAMS National Institute of Arthritis and Musculoskeletal and Skin Disease	93.310	Direct	1,057	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
NIH-NIAMS National Institute of Arthritis and Musculoskeletal and Skin Disease	93.846	Direct	27,577,206	3,761,842
NIH-NIBIB National Institute of Biomedical Imaging and Bioengineering	93.286	Direct	25,830,863	3,425,916
NIH-NIBIB National Institute of Biomedical Imaging and Bioengineering	93.310	Direct	1,711,889	-
NIH-NIBIB National Institute of Biomedical Imaging and Bioengineering	93.866	Direct	27,307	-
NIH-NICHD National Institute of Child Health and Human Development	93.310	Direct	374,609	-
NIH-NICHD National Institute of Child Health and Human Development	93.865	Direct	20,380,462	4,384,419
NIH-NIDA National Institute on Drug Abuse	93.279	Direct	24,427,541	8,695,869
NIH-NIDCD National Institute on Deafness and Other Communication Disorders	93.173	Direct	19,429,422	2,217,971
NIH-NIDCD National Institute on Deafness and Other Communication Disorders	93.310	Direct	847,477	433,614
NIH-NIDCR National Institute of Dental and Craniofacial Research	93.121	Direct	2,613,412	323,310
NIH-NIDDK National Institute of Diabetes and Digestive and Kidney Diseases	93.286	Direct	351,744	59,412
NIH-NIDDK National Institute of Diabetes and Digestive and Kidney Diseases	93.310	Direct	631,146	250,123
NIH-NIDDK National Institute of Diabetes and Digestive and Kidney Diseases	93.847	Direct	45,729,539	5,910,171
NIH-NIEHS National Institute of Environmental Health Sciences	93.113	Direct	2,460,794	518,577
NIH-NIEHS National Institute of Environmental Health Sciences	93.310	Direct	394,119	-
NIH-NIGMS National Institute of General Medical Sciences	93.310	Direct	500,100	-
NIH-NIGMS National Institute of General Medical Sciences	93.859	Direct	20,496,960	1,441,485
NIH-NIMH National Institute of Mental Health	93.242	Direct	49,460,739	10,260,606
NIH-NIMHD National Center on Minority Health and Health Disparities	93.307	Direct	2,057,482	523,518
NIH-NIMHD National Center on Minority Health and Health Disparities	93.310	Direct	251,605	107,029
NIH-NINDS National Institute of Neurological Disorders and Stroke	93.310	Direct	438,460	-
NIH-NINDS National Institute of Neurological Disorders and Stroke	93.853	Direct	71,092,925	9,849,554
NIH-NINR National Institute of Nursing Research	93.361	Direct	1,636,258	603,219
NIH-NLM National Library of Medicine	93.879	Direct	1,153,512	210,433
NIH-OD Office of the Director	93.310	Direct	16,556,451	7,460,148
NIH-OD Office of the Director	93.351	Direct	4,781,122	793,207
North Carolina State University	93.286	5R01EB025205-02	23,141	-
North Carolina State University	93.286	7R21EB025313-02	46,328	-
Northeastern University	93.242	5R01MH113234-03	398,940	-
Northeastern University	93.279	5R01DA047130-03	299,869	-
Northeastern University	93.393	5U01CA193632-05	197,755	-
Northeastern University	93.394	5R01CA204443-05	87,800	-
Northeastern University	93.837	1R21HL148747-01	13,612	-
Northeastern University	93.839	2R01HL143020-02	236,913	-
Northeastern University	93.839	5R01HL124315-03	(1,631)	-
Northeastern University	93.847	1R21DK118449-01A1	3,099	-
Northeastern University	93.847	5R01DK109316-04	2,001	-
Northeastern University	93.853	1UF1NS107694-01	153,875	-
Northeastern University	93.866	1R21AG061743-01	26,871	-
Northern Arizona University	93.307	5R01MD013352-05	38,241	-
Northern California Institute for Research and Education	93.847	5R01DK120387-02	344,388	-
Northern California Institute for Research and Education	93.866	5R01AG027002-11	32,847	-
Northern California Institute for Research and Education	93.866	5U19AG024904-15	46,263	-
Northwestern University	93.838	5U01HL146408-02	379,631	-
Northwestern University	93.847	5R01DK102815-04	(9,034)	-
Northwestern University	93.853	2R01NS85770-06	17,443	-
Northwestern University	93.865	5R21HD098498-02	72,302	-
Northwestern University	93.866	1RF1AG064006-01	68,145	-
Northwestern University	93.866	5U2CAG057441-03S1	62,219	-
Northwestern University	93.866	5U2CAG060426-02	27,275	-
Ohio State University	93.173	5R01DC014924-06	80,474	44,901
Ohio State University	93.394	5R01CA134451-08	(20,542)	-
Ohio State University	93.837	4UH3HL140144-02	526	-
Ohio State University	93.837	5R01HL128857-03	(3,947)	-
Ohio State University	93.837	5R01HL133665-04	19,620	-
Ohio State University	93.866	1R01AG050801-02	16,776	-
Ohio State University	93.866	5R01AG058822-02	18,144	-
Ohio State University	93.866	5U01AG054444-03	105,808	-
Ohio State University	93.866	7R21AG056921-02	4,536	-
Oregon Health & Science University	93.846	5R01AR073186-02	52,135	-
Oregon Health & Science University	93.395	5U10CA180888-04	(2,945)	-
Oregon Health & Science University	93.867	5R01EY019474-08	44,510	-
Origent Data Sciences	93.350	5R44TR002047-02	4,104	-
Palo Alto Veterans Institute for Research	93.242	R01MH112628	31,060	-
Palo Alto Veterans Institute for Research	93.307	R01MD012273	40,795	-
Pendar Technology	93.847	1R43DK120127-01	(1,726)	-
Penn State University	93.173	5R01DC005642-14	10,533	-
Pennsylvania State University	93.286	7R01EB025205-03	36,094	-
Pennsylvania State University	93.837	5U10HL098115-07	6,110	-
Pennsylvania State University	93.838	3U10HL109086-06S1	1,772	-
Pennsylvania State University	93.866	5U2CAG060408-03	371,861	-
Phoenix Biosystems	93.865	1R44HD09904001	70,028	-
Phoenix Children's Hospital	93.865	R01HD088528	111,583	-
Physical Sciences	93.173	1R43DC017404-01	45,000	-
Physical Sciences	93.173	1R43DC017407-01	9	-
Physical Sciences	93.173	2R44DC015414-02A1	43,842	-
Physical Sciences	93.393	4R44CA224853-02	102,951	-
Physical Sciences	93.867	W81XWH-16-C-0163	81,750	-
President and Fellows of Harvard College	93.113	1R21ES029637-01A1	25,485	-
President and Fellows of Harvard College	93.113	2P30ES000002-56	45,453	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
President and Fellows of Harvard College	93.113	2P30ES000002-57	20,318	-
President and Fellows of Harvard College	93.113	2R01ES022981-05A1	11,194	-
President and Fellows of Harvard College	93.113	5P30ES000002-54	114	-
President and Fellows of Harvard College	93.113	5R01ES013307-15	20,794	-
President and Fellows of Harvard College	93.113	5R01ES014370-14	54,007	-
President and Fellows of Harvard College	93.113	5R01ES026166-05	141,459	-
President and Fellows of Harvard College	93.113	5R01ES028033-03	172,168	-
President and Fellows of Harvard College	93.113	5R24ES028521-03	119,788	-
President and Fellows of Harvard College	93.142	UH4ES027055	5,154	-
President and Fellows of Harvard College	93.143	1P42ES030990-01	35,454	-
President and Fellows of Harvard College	93.172	2U01HG007530-06	17,753	-
President and Fellows of Harvard College	93.172	3U01HG009088-04	148,127	-
President and Fellows of Harvard College	93.172	3U01HG009088-04S1	136,991	-
President and Fellows of Harvard College	93.172	3U01HG009088-04S2	65,155	-
President and Fellows of Harvard College	93.172	5R01HG010372-03	33,618	-
President and Fellows of Harvard College	93.172	5R35HG010706-02	26,073	-
President and Fellows of Harvard College	93.172	5U01HG009088-04	99,132	-
President and Fellows of Harvard College	93.172	5U01HG009379-04	251,882	-
President and Fellows of Harvard College	93.173	1R01DC017717-01A1	67,284	-
President and Fellows of Harvard College	93.173	5R01DC016932-02	30,916	-
President and Fellows of Harvard College	93.213	5R01AT009708-04	248,628	-
President and Fellows of Harvard College	93.242	1R01MH112829-02	32,378	-
President and Fellows of Harvard College	93.242	1R01MH121191-01A1	904	-
President and Fellows of Harvard College	93.242	1R21MH121704-01	76,791	-
President and Fellows of Harvard College	93.242	3P50MH106933-02S1	296	-
President and Fellows of Harvard College	93.242	5P50MH106933-05	(58,349)	-
President and Fellows of Harvard College	93.242	5R01MH101269-07	281,602	-
President and Fellows of Harvard College	93.242	5R01MH116858-03	212,051	-
President and Fellows of Harvard College	93.242	5R21MH109819-02	2,211	-
President and Fellows of Harvard College	93.242	5R61MH113751-02	128,530	-
President and Fellows of Harvard College	93.242	5U01MH116928-03	83,108	-
President and Fellows of Harvard College	93.242	5U19MH113211-04	23,109	-
President and Fellows of Harvard College	93.279	1R01DA048533-02	39,752	-
President and Fellows of Harvard College	93.279	5P30DA035772-05	26,541	-
President and Fellows of Harvard College	93.279	5R01DA044201-03	26,146	-
President and Fellows of Harvard College	93.279	HU00011920025	12,103	-
President and Fellows of Harvard College	93.286	1R01EB021857-01A1	(80,578)	-
President and Fellows of Harvard College	93.286	5R01EB023287-03	(80,651)	-
President and Fellows of Harvard College	93.307	5R01MD012793-02	26,918	-
President and Fellows of Harvard College	93.307	5R01MD014304-02	151,012	-
President and Fellows of Harvard College	93.310	5U01CA242098-02	52,569	-
President and Fellows of Harvard College	93.350	027270.387217.44012	(2,259)	-
President and Fellows of Harvard College	93.350	3UL1TR002541-02S1	104,092	-
President and Fellows of Harvard College	93.350	5UL1TR001102-05	(13,338)	-
President and Fellows of Harvard College	93.350	5UL1TR002541-02	23,232	-
President and Fellows of Harvard College	93.350	5UL1TR002541-03	4,471,403	-
President and Fellows of Harvard College	93.350	5ULTR002541-03	76,977	-
President and Fellows of Harvard College	93.353	1P50CA244433-01	109,591	-
President and Fellows of Harvard College	93.353	1U2CCA233262-01	520,629	-
President and Fellows of Harvard College	93.353	5U2CCA233280-02	28,073	-
President and Fellows of Harvard College	93.353	P50CA244433-01	292,859	-
President and Fellows of Harvard College	93.393	2U01CA176726-07	1,385,748	-
President and Fellows of Harvard College	93.393	5R00CA215314-04	47,911	-
President and Fellows of Harvard College	93.393	5R01CA050385-30	200,446	-
President and Fellows of Harvard College	93.393	5R21CA222940-02	(6,296)	-
President and Fellows of Harvard College	93.393	5R21CA230873-02	59,781	-
President and Fellows of Harvard College	93.393	5U01CA167552-09	93,327	-
President and Fellows of Harvard College	93.393	5U01CA209414-03	370,928	14,179
President and Fellows of Harvard College	93.396	5R01CA218579-02	213,995	-
President and Fellows of Harvard College	93.396	5R35CA220523-02	71,022	-
President and Fellows of Harvard College	93.397	5U54CA225088-03	248,059	-
President and Fellows of Harvard College	93.837	2R01HL060712-18	100,818	-
President and Fellows of Harvard College	93.837	5R01HL035464-29	71,585	-
President and Fellows of Harvard College	93.837	5R01HL119230-04	(544)	-
President and Fellows of Harvard College	93.837	5R01HL126896-03	6,081	-
President and Fellows of Harvard College	93.837	5R01HL130143-04	328,354	-
President and Fellows of Harvard College	93.837	5R01HL137710-02	19,912	-
President and Fellows of Harvard College	93.837	5U01HL145386-02	930,251	-
President and Fellows of Harvard College	93.837	5U19HL129903-05	650,226	-
President and Fellows of Harvard College	93.838	1R01HL150520-01	21,726	-
President and Fellows of Harvard College	93.838	5P01HL120839-05	(269)	-
President and Fellows of Harvard College	93.838	5R01HL139496-03	149,961	-
President and Fellows of Harvard College	93.847	1R56DK122380-01	193,157	-
President and Fellows of Harvard College	93.847	1UC4DK104165-01S1	(13,947)	-
President and Fellows of Harvard College	93.847	5P30DK046200-27	23,991	-
President and Fellows of Harvard College	93.847	5R01DK108200-04	121	-
President and Fellows of Harvard College	93.847	5R01DK114098-02	181,517	-
President and Fellows of Harvard College	93.847	5R01DK120560-02	7,528	-
President and Fellows of Harvard College	93.847	5R01DK120870-02	148,957	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
President and Fellows of Harvard College	93.847	5R24DK103074-03	(144)	-
President and Fellows of Harvard College	93.853	5R01NS086882-05	14,342	-
President and Fellows of Harvard College	93.853	5R01NS089619-05	102,384	-
President and Fellows of Harvard College	93.853	5R01NS104143-03	127,912	-
President and Fellows of Harvard College	93.853	5R01NS111952-02	123,297	-
President and Fellows of Harvard College	93.855	1R01AI143723-01A1	148,747	-
President and Fellows of Harvard College	93.855	2P01AI056299-16	643,932	-
President and Fellows of Harvard College	93.855	2P30AI060354-16	1,575,510	-
President and Fellows of Harvard College	93.855	5P01AI056299-15	(29,721)	-
President and Fellows of Harvard College	93.855	5P01AI112521-05	(4,162)	-
President and Fellows of Harvard College	93.855	5P30AI060354-13	561	-
President and Fellows of Harvard College	93.855	5P30AI060354-14	(1,153)	-
President and Fellows of Harvard College	93.855	5P30AI060354-15	(38,830)	-
President and Fellows of Harvard College	93.855	5P30AI060354-16	11,144	-
President and Fellows of Harvard College	93.855	5P01AI112521-05	120	-
President and Fellows of Harvard College	93.855	5R01AI114617-05	(10,806)	-
President and Fellows of Harvard College	93.855	5R21AI143365-02	19,484	-
President and Fellows of Harvard College	93.855	5U01AI114235-05	(6,625)	-
President and Fellows of Harvard College	93.855	5U01AI135940-03	761,896	-
President and Fellows of Harvard College	93.855	5U19AI109740-05	(900)	-
President and Fellows of Harvard College	93.855	5U19AI109755-05	(13,280)	-
President and Fellows of Harvard College	93.855	5U19AI133524-02	(8,136)	-
President and Fellows of Harvard College	93.855	5U19AI133524-03	168,106	-
President and Fellows of Harvard College	93.855	5U19AI133524-04	244,499	-
President and Fellows of Harvard College	93.855	5U19AI142793-02	174,355	-
President and Fellows of Harvard College	93.855	5UM1AI069456-14	39,036	-
President and Fellows of Harvard College	93.855	R01AI037581	16,200	-
President and Fellows of Harvard College	93.859	5P01GM047467-25	1	-
President and Fellows of Harvard College	93.859	5P01GM099117-07	(4,944)	-
President and Fellows of Harvard College	93.859	5P50GM107618-05	(339)	-
President and Fellows of Harvard College	93.859	5R01GM116525-03	(81)	-
President and Fellows of Harvard College	93.859	5R01GM131401-02	305,585	-
President and Fellows of Harvard College	93.859	R01GM129026	24,300	-
President and Fellows of Harvard College	93.865	5R01HD080471-05	(2)	-
President and Fellows of Harvard College	93.865	5R01HD088619-04	20,341	-
President and Fellows of Harvard College	93.865	5R01HD091797-05	76,693	-
President and Fellows of Harvard College	93.865	5R01HD093761-03	114,945	-
President and Fellows of Harvard College	93.865	5R01HD094725-02	137,057	-
President and Fellows of Harvard College	93.865	5R01HD095766-03	46,978	-
President and Fellows of Harvard College	93.865	5R01HD097778-02	281,601	-
President and Fellows of Harvard College	93.865	5R21HD092879-02	(4,247)	-
President and Fellows of Harvard College	93.866	1R01AG066793-01	28,345	-
President and Fellows of Harvard College	93.866	1R56AG059620-01A1	102,296	-
President and Fellows of Harvard College	93.866	1RF1AG061774-01	574,057	-
President and Fellows of Harvard College	93.866	3P01AG032952-09S1	97,026	-
President and Fellows of Harvard College	93.866	3R01AG048917-05	30,347	-
President and Fellows of Harvard College	93.866	3U54CA225088-02S1	34,166	-
President and Fellows of Harvard College	93.866	5P01AG032952-07	16,973	-
President and Fellows of Harvard College	93.866	5P01AG041710-06	5,839	-
President and Fellows of Harvard College	93.866	5P01AG041710-07	121,112	-
President and Fellows of Harvard College	93.866	5R01AG011085-27	261,303	-
President and Fellows of Harvard College	93.866	5R01AG053273-04	141,082	-
President and Fellows of Harvard College	93.866	5R01AG054066-02	5,324	-
President and Fellows of Harvard College	93.866	5R01AG060935-02	118,000	-
President and Fellows of Harvard College	93.866	5R03AG060247-02	14,058	-
President and Fellows of Harvard College	93.989	5D43TW009610-08	1,807	-
President and Fellows of Harvard College	93.989	5R21TW011229-02	36,306	-
Rector and Visitors of the University of Virginia	93.837	5R21HL140432-02	(211)	-
Rector and Visitors of the University of Virginia	93.837	5U01HL117006-05	241,298	-
Rector and Visitors of the University of Virginia	93.847	3P50DK096373-08S1	13,719	-
Rector and Visitors of the University of Virginia	93.865	5R01HD087413-02	2,505	-
Regents of the University of California	93.113	5R01ES023316-07	374,966	-
Regents of the University of California	93.286	5U01EB025162-03	699,594	-
Regents of the University of California	93.361	5R01NR015591-04	72,360	-
Regents of the University of California	93.846	5R01AR073135-02	266,741	-
Regents of the University of California	93.853	5U01NS086090-05	(2,342)	-
Regents of the University of California	93.855	5UM1AI110498-05	18,681	-
Regents of the University of California	93.865	5R01HD078748-05	27,335	-
Regents of the University of California	93.867	5R01EY024608-04	4,171	-
Regents of the University of California, Irvine	93.113	5R01ES020454-09	201,425	-
Regents of the University of California, Los Angeles	93.242	5R01MH085953-08	182,570	-
Regents of the University of California, Los Angeles	93.847	1RC2DK118640-01A1	28,000	-
Regents of the University of California, Los Angeles	93.855	5UM1AI068636-14	249,010	-
Regents of the University of California, Los Angeles	93.855	5UM1AI068636-14R	36,757	-
Regents of the University of California, Los Angeles	93.855	5UM1AI106701-07	306,119	-
Regents of the University of California, Los Angeles	93.855	7UM1AI068636-13	370,010	-
Regents of the University of California, Los Angeles	93.855	7UM1AI068636-13 REVISED	2,486	-
Regents of the University of California, Los Angeles	93.855	7UM1AI068636-14	680,501	-
Regents of the University of California, Los Angeles	93.855	UM1AI068636	108,257	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Regents of the University of California, Los Angeles	93.855	UM1AI068636-14	49,387	-
Regents of the University of California, Los Angeles	93.859	5P01GM099134-09	628,709	-
Regents of the University of California, Los Angeles	93.865	5R01HD090138-03	82,022	-
Regents of the University of California, Los Angeles	93.866	5R01AG054366-03	1,010	-
Regents of the University of California, Los Angeles	93.866	R01AG054366-04	168	-
Regents of the University of California, San Diego	93.242	1RF1MH117155-01	68,811	-
Regents of the University of California, San Diego	93.242	2R01MH106595-04	96,813	-
Regents of the University of California, San Diego	93.242	5R01MH106595-03	(284)	-
Regents of the University of California, San Diego	93.242	5R01MH111359-04	106,494	-
Regents of the University of California, San Diego	93.242	5R01MH111438-05	464,613	-
Regents of the University of California, San Diego	93.242	5R21MH117518-02	42,014	-
Regents of the University of California, San Diego	93.279	5U24DA041123-05	99,837	-
Regents of the University of California, San Diego	93.310	1UG3CA241687-01	48,835	-
Regents of the University of California, San Diego	93.855	5U19AI070535-14	40,069	-
Regents of the University of California, San Diego	93.866	5R01AG047922-02	73,289	-
Regents of the University of California, San Diego	93.866	5R01AG048642-05	127,005	-
Regents of the University of California, San Diego	93.866	5U19AG010483-26	602,717	612,031
Regents of the University of California, San Francisco	93.394	1U01CA225427-01	(34)	-
Regents of the University of California, San Francisco	93.837	5R33HL141047-03	145,773	-
Regents of the University of California, San Francisco	93.838	5R35HL140026-03	14,033	-
Regents of the University of California, San Francisco	93.838	5U01HL134766-04	15,316	-
Regents of the University of California, San Francisco	93.847	R01DK114014	10,227	-
Regents of the University of California, San Francisco	93.853	1R01NS111166-01A1	11,658	-
Regents of the University of California, San Francisco	93.853	5UH3NS105557-03	12,794	-
Regents of the University of California, San Francisco	93.855	5U01AI131296-04	6,452	-
Regents of the University of California, San Francisco	93.855	5UM1AI110498-05	(6,607)	-
Regents of the University of California, San Francisco	93.859	1R01GM130900-01A1	18,747	-
Regents of the University of California, San Francisco	93.865	5R01HD089511-05	51,346	-
Regents of the University of California, San Francisco	93.865	5R01HD098978-02	143,046	-
Regents of the University of California, San Francisco	93.866	2P30AG015272-21	(45)	-
Regents of the University of California, San Francisco	93.866	5R01AG066137-02	22,341	-
Regents of the University of Colorado	93.233	5R21HL145421-02	83,021	-
Regents of the University of Colorado	93.286	1R01EB019440-01A1	82,754	-
Regents of the University of Colorado	93.846	1R01AR069060-01A1	26,028	-
Regents of the University of Colorado	93.846	5R01AR065441-05	15	-
Regents of the University of Michigan	93.077	1U54CA229974-02	47,645	-
Regents of the University of Michigan	93.173	5R01DC004820-16	7,241	-
Regents of the University of Michigan	93.213	3R01AT007550-05S1	10,286	-
Regents of the University of Michigan	93.242	5R01MH110872-04	112,062	-
Regents of the University of Michigan	93.393	5U01CA199284-05	215,953	-
Regents of the University of Michigan	93.395	1R21CA234760-01	21,376	-
Regents of the University of Michigan	93.853	1U01NS088034	72,225	-
Regents of the University of Michigan	93.853	1U01NS099046-01A1	3,921	-
Regents of the University of Michigan	93.853	U01NS069498	(30)	-
Regents of the University of Michigan	93.855	5R01AI138347-02	5,671	-
Regents of the University of Michigan	93.866	5U1AG017719-20	8,460	-
Regents of the University of Minnesota	93.279	1R01DA047287-01A1	21,487	-
Regents of the University of Minnesota	93.286	5U01EB025153-03	17,828	-
Regents of the University of Minnesota	93.837	5R01HL131049-04	60,977	-
Regents of the University of Minnesota	93.837	5R01HL141288-03	113,110	-
Regents of the University of Minnesota	93.853	5R01NS080816-04	282	-
Regents of the University of New Mexico	93.279	5R01DA016017-05	3,236	-
Rensselaer Polytechnic Institute	93.855	R01AI132580	208,549	-
Research Foundation for Mental Hygiene	93.242	5R01AG047146-05	8,144	-
Research Foundation for Mental Hygiene	93.242	5R61MH116089-02	34,144	-
Research Foundation for SUNY on behalf of University of Buffalo	93.867	1R01EY028553-01	77,002	-
Research Foundation for the State University Of New York, SUNY, Albany	93.865	1R01HD097331-01	29,991	-
Research Triangle Institute International	93.279	5UM1DA049394-02	488,923	-
Research Triangle Institute International	93.837	1R01HL149352-01	50,453	-
Research Triangle Institute International	93.840	1OT2HL156812-01	109,618	-
Reveal Pharmaceuticals	93.847	5R44DK113906-03	174,213	-
Rhode Island Hospital	93.361	5R01NR014782-05	19,277	-
Rhode Island Hospital	93.837	5R01HL134706-04	94,277	-
Rhode Island Hospital	93.859	1P20GM125507-01	(1,881)	-
Rhode Island Hospital	93.866	5R03AG056349-02	(98)	-
Riparian Pharmaceuticals	93.837	5R44HL118826-04	(1,296)	-
Robin Medical	93.394	R44CA203276	34,743	-
Rockefeller University	93.855	5U01AI129825-04	12,904	-
Roswell Park Cancer Institute	93.393	2U24CA180996-07	126,855	-
RPCI Oncology	93.172	5U41HG004059-16	118,538	-
RPCI Oncology	93.393	5U24CA180996-06	(1,786)	-
Rush University	93.847	5R01DK107984-04	66,378	-
Rush University Medical Center	93.847	R01DK084195-08	56,341	-
Rush University Medical Center	93.853	5R01NS084965-05	(1)	-
Rush University Medical Center	93.853	5U01NS096767-04	1,558,786	164,873
Rush University Medical Center	93.866	1RF1AG059621-01	73,118	-
Rush University Medical Center	93.866	2RF1AG036042-06	44,376	-
Rush University Medical Center	93.866	5R01AG052583-05	359,569	-
Rush University Medical Center	93.866	5R01AG061798-02	93,584	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Rutgers, State University of New Jersey	93.242	5R34MH113757-03	65,990	-
Rutgers, State University of New Jersey	93.286	5R01EB020036-04	108,014	-
Schepens Eye Research Institute	93.853	1RF1NS110048-01	42,467	-
Schepens Eye Research Institute	93.867	1R21EY029847-01A1	33,775	-
Scripps Research Institute	93.855	1R56A134418-01A1	(19,120)	-
Scripps Research Institute	93.855	5R01A1147826-02	347,304	-
Scripps Research Institute	93.855	5U19A135995-02	40,342	-
Scripps Research Institute	93.855	5U19A135995-03	128,072	-
Scripps Research Institute	93.855	5UM1A1100663-07	(3,299)	-
Scripps Research Institute	93.855	5UM1A100663-07	(15,500)	-
Scripps Research Institute	93.855	5UM1A144462-02	1,321,312	-
Scripps Research Institute	93.867	5R01EY026202-05	128,993	-
Seattle Institute for Biomedical and Clinical Research	93.393	5R01CA239208-01	192,958	6,747
Seattle Institute for Biomedical and Clinical Research	93.866	1R01AG061558-01A1	36,169	-
SFC Fluidics	93.279	2R44DA041173-02	37,050	-
SingleO2 Therapeutics	93.121	2R44DE026083-03	184,821	-
Sloan Kettering Institute for Cancer Research	93.393	5U01CA199335-05	188,484	-
Society of Thoracic Surgeons	93.837	5R01HL122261-05	8,024	-
Spaulding Rehabilitation Hospital	93.865	5R01HD082302-03	(2,499)	-
Stanford University	93.121	5R01DE024971-05	133,336	-
Stanford University	93.173	5R01DC014034-05	123,525	-
Stanford University	93.393	5R01CA193694-04	67,925	-
Stanford University Medical Center	93.173	5R01DC005960-13	(4,607)	-
Stanford University Medical Center	93.853	2U01NS038455-18	108,502	-
Stanford University Medical Center	93.853	5U01NS038455-18	401,088	-
State University of New York Upstate Medical University	93.847	5R01DK11045603	3,088	-
Sunnybrook Research Institute	93.173	1R01DC017291-03	259,360	-
Sunnybrook Research Institute	93.279	5R01DA042299-02	20,945	-
Swedish Medical Center	93.395	5R01CA184283-04	44,590	-
Sylvatica Biotech	93.286	1R21EB023021-01	(6)	-
Sylvatica Biotech	93.855	2R44A1124835-02	70,306	-
The California Medical Innovations Institute	93.310	3OT2OD025308-01S2	61,425	-
The Medical College of Wisconsin	93.310	5U24HG010423-02	54,509	-
The Methodist Hospital Research Institute	93.853	5U01NS104326-03	13,832	-
The Methodist Hospital Research Institute	93.866	R01AG057635	302,962	-
The University of Texas Health Science Center at Houston	93.837	5R01HL141824-03	102,634	-
Theranano	93.279	1R41DA043974-01	(4,153)	-
Third Pole	93.350	5R44TR001704-02	(900)	-
Thomas Jefferson University	93.837	5R01HL136209-04	123,618	-
Trace Ability	93.242	1R44MH119110-01A1	40,894	-
Translational Genomics Research Institute	93.866	1UH2AG064706-01	94,934	-
Tristan Technologies	93.286	2R44EB02314702	26,271	-
Tristan Technologies	93.853	5R44NS090894-04	7,016	-
Trustees of Boston College	93.847	7R01DK108200-06	51,099	-
Trustees of Boston University	93.173	4500003214	221,515	-
Trustees of Boston University	93.173	5R01DC015570-05	22,283	-
Trustees of Boston University	93.273	5R01AA007112-30	90,979	-
Trustees of Boston University	93.273	5R01AA015923-08	43,282	-
Trustees of Boston University	93.286	5R21EB027506-02	69,256	-
Trustees of Boston University	93.393	5R01CA226805-03	32,283	-
Trustees of Boston University	93.394	5R01CA232056-02	256,688	-
Trustees of Boston University	93.395	1R01CA227433-01	(161)	-
Trustees of Boston University	93.395	5R01CA227433-03	134,563	-
Trustees of Boston University	93.395	5R01CA232708-02	201,971	-
Trustees of Boston University	93.837	5R01HL098028-06	16,852	-
Trustees of Boston University	93.837	5R01HL128914-04	126,553	-
Trustees of Boston University	93.837	5R01HL141406-03	90,236	-
Trustees of Boston University	93.838	5R33HL137081-04	137,821	-
Trustees of Boston University	93.847	3UC4DK108612-01S1	10,230	-
Trustees of Boston University	93.853	5R01NS110669-02	93,292	-
Trustees of Boston University	93.853	5U01NS093334-05	534,943	-
Trustees of Boston University	93.859	5R01GM121457-03	121,400	-
Trustees of Boston University	93.866	1R01AG066010-01	55,107	-
Trustees of Boston University	93.866	1RF1AG056032-01A1	277,441	-
Trustees of Boston University	93.866	5R01AG067394-02	23,403	-
Trustees of Columbia University in the City of New York	93.393	5U01CA199336-05	54,410	-
Trustees of Columbia University in the City of New York	93.393	7R01CA140574-10	(1,682)	-
Trustees of Columbia University in the City of New York	93.395	5R01CA212086-04	117,841	-
Trustees of Columbia University in the City of New York	93.838	5R01HL137234-03	85,990	-
Trustees of Columbia University in the City of New York	93.853	2U54NS078059-09	59,876	-
Trustees of Columbia University in the City of New York	93.853	5R01NS084142-07	84,676	-
Trustees of Columbia University in the City of New York	93.855	5P01AI045897-20	27,436	-
Trustees of Columbia University in the City of New York	93.855	5U54A1138370-03	63,181	-
Trustees of Columbia University in the City of New York	93.865	5R01HD094793-03	35,908	-
Trustees of Columbia University in the City of New York	93.866	1RF1AG057473-01	28,773	-
Trustees of Columbia University in the City of New York	93.866	3U01AG046152-05S1	(409)	-
Trustees of Columbia University in the City of New York	93.866	5U01AG061356-02	113,189	-
Trustees of Columbia University in the City of New York	93.866	7U01AG046152-05	(19,529)	-
Trustees of Indiana University	93.393	5R03CA219779-02	10,288	-



# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Trustees of Indiana University	93.839	1R01HL140961-01A1	12,422	-
Trustees of Indiana University	93.847	R01DK112293-04	131,259	-
Trustees of Indiana University	93.853	4R33NS095139-02	(1,436)	-
Trustees of Indiana University	93.859	5R01GM120156-03	18,353	-
Trustees of Indiana University	93.866	1R56AG057195-01	4,997	-
Trustees of Indiana University	93.866	3U01AG057195-02S1	4,424	-
Trustees of Indiana University	93.866	5U01AG057195-02	179,519	-
Trustees of Indiana University	93.866	5U01AG057195-03	157,818	-
Trustees of the University of Pennsylvania	93.286	5R21EB027397-02	59,712	-
Trustees of the University of Pennsylvania	93.286	5U24EB028941-02	111,412	-
Trustees of the University of Pennsylvania	93.350	2-U54-AR-057319-17	18,879	-
Trustees of the University of Pennsylvania	93.350	3U54AR057319-16S1	(10,972)	-
Trustees of the University of Pennsylvania	93.394	5R01CA229502-03	35,117	-
Trustees of the University of Pennsylvania	93.395	1R01CA197332-02	(890)	-
Trustees of the University of Pennsylvania	93.837	5P01HL094307-09	50,585	-
Trustees of the University of Pennsylvania	93.837	5R01HL103723-08	256,208	-
Trustees of the University of Pennsylvania	93.837	5R01HL131613-04	13,252	-
Trustees of the University of Pennsylvania	93.846	5-U54-AR-057319-16	34,681	-
Trustees of the University of Pennsylvania	93.847	5U01DK103225-05	573	-
Trustees of the University of Pennsylvania	93.853	1U54NS115322-01	39,172	-
Trustees of the University of Pennsylvania	93.853	5R01NS093120-02	(3,498)	-
Trustees of the University of Pennsylvania	93.866	2U01AG032984-11	9,589	-
Trustees of the University of Pennsylvania	93.866	5U01AG032984-10	11,652	-
Trustees of the University of Pennsylvania	93.866	5U01AG052943-04	74,930	-
Trustees of Tufts College	93.393	5R01CA207110-03	26,991	-
Trustees of Tufts College	93.837	5R01HL130735-04	143,390	-
Trustees of Tufts College	93.853	5R01NS092847	73,572	-
Trustees of Tufts College	93.867	5R01EY029870-02	42,635	-
Tufts Medical Center	93.839	5R01HL135160-03	22,734	-
Tufts Medical Center	93.846	5R01AR065977-04	1	-
Tufts Medical Center	93.847	5U01DK098245-07	26,490	-
Tufts Medical Center	93.865	1R01HD097081-02	180,234	-
Tufts Medical Center	93.867	5R01EY029602-02	6,615	-
Tufts University	93.866	5R01AG059011-02	199,074	-
Tufts University School of Medicine	93.350	5UL1TR002544-03	30,681	-
Tulane University School of Medicine	93.865	5U01HD052104-15	21,806	-
University of Alabama, Birmingham	93.847	5R01DK115473-03	229,499	-
University of Alabama, Birmingham	93.853	1U01NS093663-01A1	6,022	-
University of Alabama, Birmingham	93.853	5U01NS093663-02	554	-
University of Alabama, Birmingham	93.855	5U19A1142737-02	106,289	-
University of Arizona	93.837	5U01HL133362-03	161,941	-
University of Arizona	93.846	5R01AR071409-04	200,974	-
University of Arizona	93.866	3RF1AG057457-02S1	62,255	-
University of Arizona	93.989	1R21TW011222-01	4,768	-
University of Arkansas for Medical Sciences	93.865	8U24OD024957	83,537	-
University of California at Berkeley	93.172	5RM1HG009490-03	6,948	-
University of California at Berkeley	93.172	5RM1HG009490-04	470,722	-
University of California at Davis	93.853	7R01NS058949-10	10,752	-
University of California at Davis	93.853	R01NS058949	118,159	-
University of California at Davis	93.866	1RF1AG054548-01	220,994	-
University of California at Irvine	93.242	1RF1MH120021-01	30,713	-
University of California at Irvine	93.361	5R01NR015591-05	25,054	-
University of California at Irvine	93.396	5R01CA190964-04	67,243	-
University of California at San Francisco	93.837	5R01HL125034-03	83,587	-
University of California at San Francisco	93.853	5U01NS086090-05	184	-
University of California at San Francisco	93.853	5U54NS092089-05	7,817	-
University of California at San Francisco	93.855	5UM1A110498-05	(1,448)	-
University of California at San Francisco	93.859	5R01GM117163-04	(23,302)	-
University of California at San Francisco	93.866	5R01AG038791-10	181,525	-
University of California at San Francisco, Cardiovascular Research Institute	93.395	5U24CA215123-03	346,482	-
University of Chicago	93.847	1R01DK118266-02	36,172	-
University of Chicago	93.847	5U54DK118612-03	87,981	-
University of Cincinnati	93.838	5U01HL131755-04	17,012	-
University of Cincinnati	93.853	1U01NS099043-01A1	55	-
University of Cincinnati	93.853	1U01NS100699-01A1	222	-
University of Cincinnati	93.853	5R01NS100417-03	54,650	-
University of Cincinnati	93.853	5U01NS036695-18	38,556	-
University of Cincinnati	93.853	5U01NS036695-19	229,832	-
University of Cincinnati	93.853	5U01NS092076-02	2,990	-
University of Cincinnati	93.853	5U01NS095869-02	7,708	-
University of Colorado at Denver	93.361	2U2CNR014637-06	5,801	-
University of Colorado at Denver	93.361	3U2CNR014637-07S1	65,381	-
University of Colorado at Denver	93.361	5U2CNR014637-07	155,209	-
University of Colorado at Denver	93.837	5R01HL125734-05	145,371	-
University of Colorado at Denver	93.838	1R01HL152735-01	17,925	-
University of Colorado at Denver	93.846	3UH2AR067681-05S1	19,165	-
University of Colorado at Denver	93.846	5R01AR075033-02	56,363	-
University of Colorado at Denver	93.865	5R03HD094560-02	7,744	-
University of Colorado at Denver	93.866	5R01AG054366-02	11,865	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
University of Colorado at Denver	93.866	5R01AG054366-05	31,013	-
University of Connecticut	93.242	5R01MH106506	21,649	-
University of Connecticut Health Center	93.837	R01 HL131862	167,484	-
University of Connecticut Health Center	93.866	4R01AG022092-10	28,037	-
University of Florida Board of Trustees	93.242	R01MH117114	(21,546)	-
University of Florida Board of Trustees	93.279	5R01DA039044-05	187,331	-
University of Florida Board of Trustees	93.393	1R01CA240341-01A1	48,740	-
University of Florida Board of Trustees	93.865	5R01HD089939-03	275,249	-
University of Hawaii	93.279	4R01DA019912-09	(25,902)	-
University of Hawaii	93.393	4P01CA168530-05	1,450	-
University of Houston	93.286	5R21EB026175-02	35,429	-
University of Illinois	93.242	5R56MH112642-02	96,834	-
University of Illinois at Urbana Champaign	93.113	5R21ES027878-02	4,296	-
University of Illinois at Urbana Champaign	93.121	1R01DE027989	220,643	-
University of Iowa	93.847	5U01DK108328-05	1,675	-
University of Iowa	93.853	5U01NS093663-05	117,084	-
University of Iowa	93.853	7U01NS093663-04	5,517	-
University of Iowa	93.855	5UH2A1144434-02	5,781	-
University of Kansas Medical Center Research Institute	93.847	5R01DK115727-02	30,266	-
University of Kentucky	93.213	1R34AT010370-01A1	7,215	-
University of Louisville	93.837	1P01HL078825-13	1,746	-
University of Maryland	93.847	52P30DK090868-09	(7,000)	-
University of Maryland	93.853	5R01NS100178-02	204,480	-
University of Maryland	93.855	1R21A1124776-02	(3,478)	-
University of Maryland	93.855	5R01A1120008	118,045	-
University of Maryland, Baltimore	93.855	1R01A1144983-02	134,061	-
University of Maryland, Baltimore	93.855	5U19A1082655	(194)	-
University of Maryland, Baltimore	93.859	R01GM118837	17,520	-
University of Massachusetts Amherst	93.242	1R01MH122371-01	46,578	-
University of Massachusetts Amherst	93.393	5R01CA207369-04	168,317	-
University of Massachusetts Amherst	93.865	5R01HD078517-05	43,863	-
University of Massachusetts Amherst	93.866	5R01AG051600-04	114,802	-
University of Massachusetts at Lowell	93.853	5R01NS097723-03	32,003	-
University of Massachusetts Medical Center	93.855	5R01A1123286-04	55,436	-
University of Massachusetts Medical School	93.310	5UH3TR000888-05	(951)	-
University of Massachusetts Medical School	93.853	5R01NS098747-05	108,908	-
University of Massachusetts Medical School	93.866	5R33AG057806-03	772	-
University of Massachusetts, Worcester	93.213	5R61AT009337-02	(2,834)	-
University of Massachusetts, Worcester	93.279	5R21DA046734-02	45,826	-
University of Massachusetts, Worcester	93.837	5R01HL131624-04	451,903	-
University of Massachusetts, Worcester	93.837	5R01HL137734-03	22,914	-
University of Massachusetts, Worcester	93.837	5R01HL137794-03	6,540	-
University of Massachusetts, Worcester	93.837	5R01HL145721-02	20,333	-
University of Massachusetts, Worcester	93.853	1U01NS114098-01	181,428	-
University of Massachusetts, Worcester	93.853	5R01NS091552-04	97	-
University of Massachusetts, Worcester	93.853	5R01NS108769-02	432,739	-
University of Massachusetts, Worcester	93.879	1UG4LM012347-01	10,000	-
University of Miami	93.242	5R01MH103770-05	40,506	-
University of Miami	93.242	5R01MH110441-04	99,530	-
University of Miami	93.839	5R01HL131013-04	50,194	-
University of Miami	93.853	2U54NS092091-06	6,373	-
University of Miami	93.853	5R01NS098740-04	36,011	-
University of Michigan	93.213	5R01AT007550-05	33,484	-
University of Michigan	93.837	5R01HL127564-04	(6,113)	(5,967)
University of Michigan Medical School	93.837	1R01HL146619-01A1	19,276	-
University of Michigan Medical School	93.839	R01HL144550	66,375	-
University of Minnesota	93.839	5R01HL132906-03	69,852	-
University of New South Wales	93.279	5R01DA040506-03	535	-
University of North Carolina at Chapel Hill	93.172	5U41HG009650-04	48,936	-
University of North Carolina at Chapel Hill	93.242	3U01MH109528-04S1	21,433	-
University of North Carolina at Chapel Hill	93.242	5R34MH111852-02	5,586	-
University of North Carolina at Chapel Hill	93.242	5U01MH110925-03	(97)	-
University of North Carolina at Chapel Hill	93.242	5U01MH110925-04	532,125	-
University of North Carolina at Chapel Hill	93.286	5R01EB025024-03	25,883	-
University of North Carolina at Chapel Hill	93.393	1R01CA227122-01A1	104,281	-
University of North Carolina at Chapel Hill	93.865	5R01HD092374-04	82,591	-
University of North Carolina at Chapel Hill	93.865	5U19HD089881-05	34,794	-
University of North Carolina at Chapel Hill	93.865	5U24HD089880-05	508,292	85,008
University of Pittsburgh Of the Commonwealth System of Higher Education	93.121	5R01DE026155-02	72,694	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.242	5R01MH107797-05	46,388	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.307	5R01MD009118-04	(49)	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.350	1R21TH002639-01A1	21,035	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.350	5UL1TR001857-05	199,989	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.361	5R01NR014831-05	4,905	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.396	7R21CA208618-02	(720)	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.838	180007-03	38,335	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.838	5R01HL113178-07	28,366	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.838	5U01HL128954-04	36,382	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.838	5U01HL128954-05	2,067	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
University of Pittsburgh Of the Commonwealth System of Higher Education	93.846	1UG3AR076568-01	43,615	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.846	5P50AR060780-08	46,846	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.846	5R21AR069285-03	1,917	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.853	1U24NS115708-01	23,229	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.853	5R01NS096755-05	185,688	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.853	5R01NS098023-05	31,077	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.855	5P01AI108545-05	55,713	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.855	5P01AI129880-03	457,377	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.865	4U10HD036801-21 / S-MFM1819-JB	134,913	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.866	5R01AG056331-03	4,640	-
University of Pittsburgh Of the Commonwealth System of Higher Education	93.866	7R01AG056279-03	13,124	-
University of Rochester	93.242	2R01MH045573-29A1	177,594	-
University of Rochester	93.242	5P50MH106435-05	26,219	-
University of Rochester	93.242	5R01MH045573-28	(53,298)	-
University of Rochester	93.242	5R01MH107371-05	9,813	-
University of Rochester	93.837	R01 HL 140588-03	20	-
University of Rochester	93.866	2P01AG047200-07	598,754	-
University of Rochester	93.866	5P01AG047200-04	(3,230)	-
University of Rochester Medical Center	93.853	5R21NS104878-02	38,043	-
University of South Carolina	93.173	1R01DC017156-01	(1,006)	-
University of Southern California	93.847	5U01DK107350-05	90,571	-
University of Southern California	93.847	5U24DK110814-05	226,170	-
University of Southern California	93.853	3UH3NS100614-04S1	13,715	-
University of Southern California	93.853	5U54NS100064-03	43,317	-
University of Southern California	93.866	1R01AG053798-01A1	45,214	-
University of Southern California	93.866	1R01AG061848-01	240,347	-
University of Southern California	93.866	2U19AG024904-11	5,027	-
University of Southern California	93.866	4U19AG010483-25	428,922	-
University of Southern California	93.866	5R01AG053798-02	25,925	-
University of Southern California	93.866	5U19AG010483-26	38,718	-
University of Southern California	93.866	5U19AG024904-14	20,164	-
University of Southern California	93.866	5U24AG057437-02	486,707	-
University of Southern California	93.866	5U24AG057437-03	477,575	-
University of Southern California	93.866	7RF1AG041845-02	204	-
University of Tennessee Health Science Center	93.867	1R21EY030142-01	123,039	-
University of Texas at San Antonio	93.853	1R01NS113516-02	376,285	-
University of Texas Health Science Center at Houston	93.399	51R01CA232888-02	81,660	-
University of Texas Health Science Center at Houston	93.837	5UM1HL087318-12	17,972	-
University of Texas Health Science Center at Houston	93.838	5R01HL145025-02	258,010	-
University of Texas Health Science Center at Houston	93.865	1R01HD099543-01	80,116	-
University of Texas Health Science Center at San Antonio	93.213	5R01AT008422-05	1,480	-
University of Texas Health Science Center at San Antonio	93.242	5R01MH107499-03	74,145	-
University of Texas Health Science Center at San Antonio	93.853	5R01NS017950-36	239,674	-
University of Texas Health Science Center at San Antonio	93.866	7R01AG049607-04	400,259	-
University of Texas Health Science Center at San Antonio	93.866	7R01AG054076-04	681,723	-
University of Texas Medical Branch at Galveston	93.865	19-84725-10	15,941	-
University of Texas Medical Branch at Galveston	93.865	5P2CHD065702-09	(6)	-
University of Texas Medical Branch at Galveston	93.865	5P2CHD065702-10	13,049	-
University of Texas Southwestern Medical Center	93.393	5R01CA233794-02	43,993	-
University of Texas Southwestern Medical Center	93.396	1UM1CA221940-03	724,233	-
University of Texas Southwestern Medical Center	93.396	5UM1CA221940-03	61,447	-
University of Texas Southwestern Medical Center	93.853	5R01NS108115-03	528,293	-
University of Texas Southwestern Medical Center	93.855	1R34AI134569-01A1	1,943	-
University of Texas Southwestern Medical Center	93.855	5U19AI142784-02	982,758	-
University of Texas Southwestern Medical Center	93.866	5R01AG056426-03	296,772	-
University of Texas, MD Anderson Cancer Center	93.394	5U01CA200462-04	88,078	-
University of Texas, MD Anderson Cancer Center	93.394	5U01CA200462-05	54,995	-
University of Texas, MD Anderson Cancer Center	93.396	5P01CA117969-15	56,051	-
University of Texas, MD Anderson Cancer Center	93.859	5R01GM116024-04	4,462	-
University of Utah	93.121	5R01DE027255-03	36,337	-
University of Utah	93.173	5U01DC014706-03	3,247	-
University of Utah	93.393	1R01CA242729-01	41,199	-
University of Utah	93.395	1R01CA227225-02	199,017	-
University of Utah	93.855	5R33AI122377-05	115,853	-
University of Utah	93.859	1R01GM134069-01	106,246	-
University of Washington	93.113	5R01ES027696-04	112,760	-
University of Washington	93.837	1R01HL142834-02	72,201	-
University of Washington	93.837	5R01HL130770-02	506	-
University of Washington	93.838	5R01HL132232-04	12,199	-
University of Washington	93.855	1R01AI136648-03	412,040	-
University of Washington	93.866	3U01AG016976-20SA	64,027	-
University of Washington	93.866	3U01AG016976-20SA	57,928	-
University of Washington - Seattle	93.393	2R01CA194393-05A1	11,813	-
University of Washington - Seattle	93.847	5R01DK088762-09	(94,417)	-
University of Wisconsin, Madison	93.865	1P01HD076892-01A1	201,931	-
Vanderbilt University	93.286	5R01EB016695-07	167,883	-
Vanderbilt University Medical Center	93.242	1R01MH120736-01	31,307	-
Vanderbilt University Medical Center	93.242	5R01MH111776-04	19,858	-
Vanderbilt University Medical Center	93.242	5R01MH113478-03	40,175	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Vanderbilt University Medical Center	93.394	5R01CA231840-03	52,001	-
Vanderbilt University Medical Center	93.837	5R01HL131977-05	36,419	-
Vanderbilt University Medical Center	93.838	1R56HL141567-01A1	(7,469)	-
Vanderbilt University Medical Center	93.838	5R01HL146588-02	26,461	-
Vanderbilt University Medical Center	93.855	1R21AI139012-02	56,114	-
Vanderbilt University Medical Center	93.855	5R01AI077505-11	11,573	-
Vanderbilt University Medical Center	93.866	7R01AG062499-02	14,798	-
Vanderbilt University Medical Center	93.867	U24EY029893-02	523,133	-
Vascular BioSciences	93.838	1R42HL132742-01A1	346,802	-
Veralase	93.855	R42AI114012	(6,504)	-
Veristride	93.879	1R43LM013104-01	5,636	-
Virginia Commonwealth University	93.393	5R01CA215610-03	52,930	-
Virginia Commonwealth University	93.847	5R01DK094818-05	(1,158)	-
Virginia Commonwealth University	93.853	5R01NS070715-10	(1,500)	-
Virginia Commonwealth University	93.853	5U01NS095388-03	1,255,184	125,560
Virginia Commonwealth University	93.853	7U01NS095388-02	7,334	-
Virtici	93.847	2R44DK101197-02	184	-
Vox Biomedical	93.279	6R42DA049655-02	63,781	-
Wake Forest University	93.846	1R34AR077361-01	6,610	-
Wake Forest University	93.846	5U01AR068658-04	63,418	-
Wake Forest University	93.853	5R01NS058949-09	(910)	-
Wake Forest University	93.853	R01NS058949	(45,633)	-
Wake Forest University Health Sciences	93.233	5R01HL133684-04	193,933	-
Wake Forest University Health Sciences	93.837	5R01HL104199-07	(43,278)	-
Wake Forest University Health Sciences	93.853	R01NS058949	(1,496)	-
Wake Forest University Health Sciences	93.859	P01GM113852	100,767	-
Wake Forest University Health Sciences	93.866	5R01AG050657-05	100,515	-
Wake Forest University Health Sciences	93.866	5R01AG064440-02	24,620	-
Wake Forest University Health Sciences	93.866	R01AG058571	62,138	-
Washington University	93.273	1R21AA027608-01A1	5,171	-
Washington University	93.393	1R01CA248526-01	94,186	-
Washington University	93.393	1R37CA246175-01A1	2,167	-
Washington University	93.394	5U24CA196171-05	79,898	-
Washington University	93.397	5P50CA171963-07	177,336	-
Washington University	93.837	5R01HL143421-02	66,528	-
Washington University	93.839	4UH3HL138325-03	4,177	-
Washington University	93.839	5UH3HL138325-03	26,408	-
Washington University	93.853	5R01NS097816-03	2,982	-
Washington University	93.855	5U19AI109725-05	6,947	-
Washington University	93.866	1U19AG063893-01	102,807	-
Washington University	93.866	2R01AG047644-06	313,167	-
Washington University	93.866	2UF1AG032438-07	16,727	-
Washington University	93.866	3U01AG052564-02S2	(114)	-
Washington University	93.866	3U01AG052564-03S2	(245)	-
Washington University	93.866	5R01AG047644-05	(92)	-
Washington University	93.866	5R01AG047644-06	12,139	-
Washington University	93.866	5R34AG056639-02	30,507	-
Washington University	93.866	5U01AG052564-04	637,070	-
Weill Cornell Medical College	93.837	5R01HL128278-05	76,253	-
Whitehead Institute for Biomedical Research	93.855	5R21AI134365-02	4,390	-
Wyss Institute at Harvard University	93.353	1U54CA244726-01	186,920	-
Yale University	93.173	1R21DC018098-01	40,382	-
Yale University	93.242	1R56MH114833-01A1	4,606	-
Yale University	93.242	5R01MH105203-05	109,995	-
Yale University	93.242	5R01MH120080-02	143,656	-
Yale University	93.279	5P30DA018343-15	12,296	-
Yale University	93.393	5R03CA219603-02	14,235	-
Yale University	93.394	5U01CA233364-02	49,084	-
Yale University	93.396	1R01CA230275-01A1	18,434	-
Yale University	93.837	1R01HL141852-01A1	93,610	-
Yale University	93.837	5R01HL148819-02	90,927	-
Yale University	93.838	1U01HL145567-01	42,647	-
Yale University	93.853	5R01NS110721-01A1	5,735	-
Yale University	93.853	5U01NS106513-02	16,662	-
Yale University	93.855	5P01AI039671-23	738,857	-
Yale University	93.855	5R01AI104824-07	14,307	-
Yale University School of Medicine	93.361	5R01NR018335-02	68,411	-
Zata Pharmaceuticals	93.859	2R44GM109517-02	(1,673)	-
		Subtotal	886,782,331	141,933,929
Department of Health and Human ServicesOffice of Minority Health				
Northwestern University	93.137	1CPIMP171141-01-00	55	-
Northwestern University	93.137	5CPIMP181168-02-00	58,477	-
		Subtotal	58,532	-
Department of Health and Human ServicesOffice of the Secretary				
Broad Institute	93.360	4500002209	(2,281)	-
Emory University	93.RD3	HHSO100201900015C	54,601	-
Mapp Biopharmaceutical	93.RD3	HHSO100201600021C	72,993	-
		Subtotal	125,313	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Department of Health and Human Services Substance Abuse and Mental Health Services Administration				
Great Plains Tribal Chairmen's Health Board	93.788	1H79TI081826-01	2,471	-
Substance Abuse and Mental Health Services Administration	93.243	Direct	639,571	-
			<u>642,042</u>	<u>-</u>
Department of Justice Drug Enforcement Administration				
US Department of Justice Office of Justice Programs	93.RD13	Direct	13,933	-
			<u>13,933</u>	<u>-</u>
Department of State				
Global Health Service	93.RD19		222,501	-
			<u>222,501</u>	<u>-</u>
Department of Transportation Federal Aviation Administration (FAA)				
Boston University School of Public Health	93.RD2	13-C-AJFE-BU-16	154,316	-
Federal Aviation Administration	93.RD2	Direct	740,861	-
			<u>895,177</u>	<u>-</u>
Department of Veterans Affairs				
Department of Veterans Affairs	93.RD12	Direct	1,016,707	-
VA Boston Healthcare System	93.RD22	Direct	214,973	-
VA Tennessee Valley Healthcare System - Nashville Campus	93.RD12	Direct	34,961	-
			<u>1,266,641</u>	<u>-</u>
Federal Communications Commission				
Federal Communications Commission	93.RD14	Direct	100,716	-
			<u>100,716</u>	<u>-</u>
National Aeronautics and Space Administration				
Baylor College of Medicine	43.003	NNX16A069A	538,671	-
Baylor College of Medicine	43.003	NNX17AE04G	4,994	-
Emerald Innovations	43.003	NNX16A069A	23	-
KBRWyle	93.RD17	NNJ15HK11B	125,906	97,194
Massachusetts Institute of Technology	43.001	80NSSC19K1028	22,959	-
Massachusetts Institute of Technology	43.001	NNX15AF85G	5,415	-
Massachusetts Institute of Technology	43.003	7000000324/NNX16A069A	284,736	-
National Aeronautics and Space Administration	43.001	Direct	95,994	-
National Aeronautics and Space Administration	43.003	Direct	976,390	9,782
Thomas Jefferson University	43.003	NNX15AC14G	123,351	-
Trustees of Dartmouth College	43.003	80NSSC19K1632	5,203	-
Trustees of the University of Pennsylvania	43.003	NNX15AK76GA	41,360	-
University of California at Irvine	43.003	NNX15AI22G	1,977	-
			<u>2,226,979</u>	<u>106,976</u>
National Science Foundation				
Claremont McKenna College	47.075	2027694	12,120	-
George Washington University	47.041	1830941	118,533	-
Massachusetts Institute of Technology	47.070	IIS-1404494	16,741	-
Massachusetts Institute of Technology	47.076	5710004209	73,301	-
National Science Foundation	47.041	Direct	71,899	-
National Science Foundation	47.049	Direct	215,801	23,008
National Science Foundation	47.070	Direct	533,581	-
National Science Foundation	47.074	Direct	2,744	-
National Science Foundation	47.075	Direct	328,643	-
National Science Foundation	47.076	Direct	71,619	-
Regents of the University of California, San Diego	47.075	1932619	39,839	-
Research Foundation for The SUNY Stony Brook University	47.070	#IIS1926781	19,389	-
Trustees of Boston University	47.075	BCS-2027553	17,985	-
Trustees of Columbia University in the City of New York	47.070	IIS 1636832	4,856	-
Trustees of the University of Pennsylvania	47.049	PHY-1545935	(7,747)	-
University of Massachusetts Amherst	47.070	1915481	2,888	-
University of Nevada Las Vegas	47.074	1921742	39,480	-
University of Nevada Las Vegas	47.074	1929592	56,374	-
Veristride	47.041	NSF-IIP-1331108	91,307	-
Woods Hole Research Center	47.050	1915307	20,189	-
Woods Hole Research Center	47.076	WHRC-MG0932-01	(256)	-
			<u>1,729,286</u>	<u>23,008</u>
Social Security Administration				
Westat	96.001	SS001660014	18,710	-
			<u>18,710</u>	<u>-</u>
		Total Research and Development	<u>\$ 982,375,476</u>	<u>\$ 150,244,197</u>

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
<b>Research Training</b>				
Department of Defense				
Naval Postgraduate School	93.RD10	Direct	\$ 198,796	\$ -
			Subtotal	198,796
Department of DefenseU.S. Army Medical Command				
U.S. Army Medical Research Acquisition Activity	12.420	Direct	208,543	-
			Subtotal	208,543
Department of Health and Human ServicesAgency for Healthcare Research and Quality				
Agency for Healthcare Research and Quality	93.226	Direct	418,018	230
Children's Hospital Corporation dba Boston Children's Hospital	93.226	5K12HS022986-05	(6,729)	-
Children's Hospital Corporation dba Boston Children's Hospital	93.226	5T32HS000063-27	14,895	-
			Subtotal	426,184
Department of Health and Human ServicesHealth Resources and Services Administration				
Health Resources and Services Administration	93.186	Direct	472,470	-
Health Resources and Services Administration	93.247	Direct	12,988	12,765
Health Resources and Services Administration	93.732	Direct	3,257	-
President and Fellows of Harvard College	93.110	6 T76MC000016501	3,430	-
President and Fellows of Harvard College	93.884	5T0BHP29997-04-00	9,640	-
President and Fellows of Harvard College	93.884	6T0BHP29997-03-01	5,400	-
			Subtotal	507,185
Department of Health and Human ServicesNational Institutes of Health				
American Academy of Child and Adolescent Psychiatry	93.279	5K12DA0000357-17	31,243	-
Beth Israel Deaconess Medical Center	93.213	5T32 AT000051-20	60,030	-
Beth Israel Deaconess Medical Center	93.213	5T32AT000051-19	5,402	-
Beth Israel Deaconess Medical Center	93.213	5T32AT000051-20	9,525	-
Beth Israel Deaconess Medical Center	93.837	2T32HL007734-26	45,981	-
Beth Israel Deaconess Medical Center	93.837	5K24HL127101-04	(11,148)	-
Beth Israel Deaconess Medical Center	93.837	5T32HL007734-23	4,163	-
Beth Israel Deaconess Medical Center	93.859	5T32GM103702-05	(3,417)	-
Boston Medical Center	93.242	5T32MH116140-03	108,879	-
Brigham and Women's Hospital	93.242	5K24MH110807-04	20,408	-
Brigham and Women's Hospital	93.839	5K12HL141953-03	138,295	-
Children's Hospital Corporation dba Boston Children's Hospital	93.837	5T32HL007572-35	30,654	-
Children's Hospital Corporation dba Boston Children's Hospital	93.839	5T32HL066987-17	14,245	-
Children's Hospital Corporation dba Boston Children's Hospital	93.839	5T32HL066987-18	56,178	-
Children's Hospital Corporation dba Boston Children's Hospital	93.839	5T32HL066987-19	23,679	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5F32DK122766-02	66,642	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5K23DK102600-03	550	-
Children's Hospital Corporation dba Boston Children's Hospital	93.847	5T32DK007477-37	13,269	-
Children's Hospital Corporation dba Boston Children's Hospital	93.855	5T32AI007512-32	44,802	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	5K12HD052896-13	3,701	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	5T32HD040128-15	10,694	-
Children's Hospital Corporation dba Boston Children's Hospital	93.865	5T32HD098061-02	92,038	-
Dana Farber Cancer Institute	93.393	1UE5CA246746-01	24,619	-
Dana Farber Cancer Institute	93.398	2R25CA181000-06	80,368	-
Dana Farber Cancer Institute	93.398	5K08CA208008-04	116,701	-
Dana Farber Cancer Institute	93.398	5K08CA219504-04	115,916	-
Dana Farber Cancer Institute	93.398	5T32CA207021-03	13,827	-
Dana Farber Cancer Institute	93.398	T32CA092203	49,576	-
Fred Hutchinson Cancer Research Center	93.855	5UM1AI068614-13	27,031	-
Hebrew Rehabilitation Center for Aged	93.866	5T32AG023480-15	96,040	-
Hebrew Senior Life	93.866	5T32AG023480-14	42,742	-
Judge Baker Children's Center	93.242	2T32MH016259-39A1	62,508	-
Judge Baker Children's Center	93.242	5T32MH016259-37	720	-
Judge Baker Children's Center	93.242	5T32MH016259-39	147,673	-
Judge Baker Children's Center	93.242	5T32MH016259-40	69,953	-
Kennedy Krieger Institute	93.853	5K12NS098482-04	169,253	-
Mass Eye and Ear Infirmary	93.867	5K12EY016335-13	(3,158)	-
Massachusetts General Hospital	93.242	5K01MH111802-04	28,874	-
Massachusetts General Hospital	93.866	5K23AG061276-02	6,471	-
NIH-FIC Fogarty International Center	93.989	Direct	210,094	58,115
NIH-NCCAM National Center for Complementary and Alternative Medicine	93.213	Direct	631,434	-
NIH-NCI National Cancer Institute	93.393	Direct	(8,777)	-
NIH-NCI National Cancer Institute	93.398	Direct	5,895,934	382,344
NIH-NEI National Eye Institute	93.867	Direct	1,660,246	47,971
NIH-NHGRI National Human Genome Research Institute	93.172	Direct	394,164	-
NIH-NHLBI National Heart, Lung and Blood Institute	93.233	Direct	1,305,678	-
NIH-NHLBI National Heart, Lung and Blood Institute	93.837	Direct	8,324,110	38,933
NIH-NHLBI National Heart, Lung and Blood Institute	93.838	Direct	7,304,108	8,139
NIH-NHLBI National Heart, Lung and Blood Institute	93.839	Direct	1,496,412	431,000
NIH-NIA National Institute on Aging	93.866	Direct	3,337,426	55,339
NIH-NIAAA National Institute on Alcohol Abuse and Alcoholism	93.273	Direct	782,738	-

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
NIH-NIAID National Institute of Allergy and Infectious Diseases	93.855	Direct	5,947,571	135,412
NIH-NIAMS National Institute of Arthritis and Musculoskeletal and Skin Disease	93.846	Direct	3,927,847	67,673
NIH-NIBIB National Institute of Biomedical Imaging and Bioengineering	93.286	Direct	1,680,097	-
NIH-NICHD National Institute of Child Health and Human Development	93.865	Direct	2,050,501	27,060
NIH-NIDA National Institute on Drug Abuse	93.279	Direct	3,115,861	59,903
NIH-NIDCD National Institute on Deafness and Other Communication Disorders	93.173	Direct	682,363	-
NIH-NIDCR National Institute of Dental and Craniofacial Research	93.121	Direct	49,860	-
NIH-NIDDK National Institute of Diabetes and Digestive and Kidney Diseases	93.847	Direct	9,076,523	9,440
NIH-NIEHS National Institute of Environmental Health Sciences	93.113	Direct	194,441	3,478
NIH-NIGMS National Institute of General Medical Sciences	93.859	Direct	1,614,801	-
NIH-NIMH National Institute of Mental Health	93.242	Direct	6,661,508	149,498
NIH-NINDS National Institute of Neurological Disorders and Stroke	93.853	Direct	5,315,080	31,840
NIH-NLM National Library of Medicine	93.879	Direct	74,129	-
President and Fellows of Harvard College	93.113	5T32ES7069-40	51,195	-
President and Fellows of Harvard College	93.242	5T32MH017119-33	14,282	-
President and Fellows of Harvard College	93.242	T32MH017119	38,070	-
President and Fellows of Harvard College	93.350	1KL2TR002542-01	1	-
President and Fellows of Harvard College	93.350	5KL2TR002542-02	305,715	-
President and Fellows of Harvard College	93.350	5KL2TR002542-03	684,783	-
President and Fellows of Harvard College	93.398	2T32CA009001-44	76,423	-
President and Fellows of Harvard College	93.398	2T32CA9001-44	53,709	-
President and Fellows of Harvard College	93.398	5T32CA9001-44	49,358	-
President and Fellows of Harvard College	93.398	5T32ES007069-39	32,792	-
President and Fellows of Harvard College	93.398	T32CA009001	18,627	-
President and Fellows of Harvard College	93.837	5T32HL098048-10	1	-
President and Fellows of Harvard College	93.855	4T32AI007433-25	(155)	-
President and Fellows of Harvard College	93.855	5T32AI007245-35	12,108	-
President and Fellows of Harvard College	93.866	5T32AG000222-27	25,662	-
President and Fellows of Harvard College	93.866	5T32AG000222-28	118,020	-
President and Fellows of Harvard College	93.866	5T32AG000222-28	24,402	-
President and Fellows of Harvard College	93.866	5T32AI007245-36	25,002	-
President and Fellows of Harvard College	93.879	5T15LM007092-28	104,303	-
President and Fellows of Harvard College	93.879	5T15LM007092-29	99,414	-
Rhode Island Hospital	93.866	1K76AG059983-01A1	9,412	-
Trustees of Boston University	93.837	5T32HL125232	14,895	-
Trustees of Tufts College	93.121	K23DE026804	34,093	-
Vanderbilt University Medical Center	93.855	7K23AI106406-05	1,296	-
Virginia Commonwealth University	93.865	3K08HD092610-01A1S1	3,929	-
		Subtotal	75,336,413	1,506,145
Department of Health and Human Services Substance Abuse and Mental Health Services Administration				
American Academy of Addiction Psychiatry	93.243	5H79TI081358-02	26,730	-
Massachusetts General Hospital Institute of Health Professions	93.243	5H79TI081655-02	38,114	-
Substance Abuse and Mental Health Services Administration	93.243	Direct	87,440	36,143
		Subtotal	152,284	36,143
		Total Research Training \$	76,829,405	\$ 1,555,283
		Total Research and Development and Research Training \$	1,059,204,881	\$ 151,799,480

**Mass General Brigham  
Schedule of Expenditures of Federal Awards  
Year ended September 30, 2020**

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<b>Cluster Title/Federal Program/Pass-Through Program</b>	<b>CFDA Number</b>	<b>Direct Award or Pass-Through Entity Identifying Number</b>	<b>Total Expenditures</b>	<b>Subrecipient Expenditures</b>
<b>Student Financial Aid</b>				
Department of Education Office of Federal Student Aid U.S. Department of Education	84.268	Direct	\$ 37,530,272	\$ -
			Subtotal	37,530,272 -
Department of Health and Human Services Health Resources and Services Administration U.S. Department of Health and Human Services	93.264	Direct	101,403	-
			Subtotal	101,403 -
ARRA Nurse Faculty Loan Program FY20 Beginning Balance U.S. Department of Health and Human Services	93.408	Direct	20,201	-
			Subtotal	20,201 -
Nurse Faculty Loan Program (NFLP) FY20 Beginning Balance U.S. Department of Health and Human Services	93.264	Direct	108,916	-
			Subtotal	108,916 -
			Total Student Financial Aid \$	37,760,792 \$ -



# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
<b>Other Programs</b>				
Agency for International Development				
Eastern Virginia Medical School	98.001	AID-OAA-A-14-00010	\$ (232)	\$ -
Fenway Community Health Center	98.001	72038619CA0001	15,998	-
Invisible Children	98.001	7260518CA00001	25,728	-
Last Mile Health	98.001	Number Not Available	30,951	-
President and Fellows of Harvard College	98.001	7200AA19APS00002	7,643	-
President and Fellows of Harvard College	98.001	AID-OFDA-A-17-00008	136,542	-
President and Fellows of Harvard College	98.001	AID-OFDA-A-17-00064	(5)	-
SSG Advisors d/b/a Resonance	98.001	7200AA18C00072	19,775	-
U.S. Agency for International Development	98.001	7200AA18CA00002	348,242	108,977
U.S. Agency for International Development	98.001	AID-440-A-16-00002	1,798,040	1,223,221
U.S. Agency for International Development	98.001	AID0AAA1400016	(1,173)	(1,173)
University of Washington	98.001	AID-OAA-A-15-0034	25,695	-
University Research	98.001	OAA-A-10-00021	205,605	36,158
		Subtotal	2,612,809	1,367,183
Department of Agriculture Food and Nutrition Service				
Greater Boston Food Bank	10.569	SNAP	145,811	-
Massachusetts Department of Public Health	10.557	INTF3502M03162726104	832,938	-
Massachusetts Department of Public Health	10.557	INTF3502M03162726128	819,420	-
Massachusetts Department of Public Health	10.557	WIC voucher	3,104,323	-
University of Massachusetts Medical Center	10.561	Outreach Partner Amendment 1-4	12,848	-
		Subtotal	4,915,340	-
Department of Education				
U.S. Department of Education	84.425E	P425E202204	225,216	-
U.S. Department of Education	84.425E	P425F202849	250,397	-
		Subtotal	475,613	-
Department of Health and Human Services				
DHHS-Indian Health Service	93.RD16	HHSI285201500016P	(11,872)	-
Great Plains Area IHS	93.RD16	HHSI241201600023I	571,769	-
HRSA COVID Testing for Uninsured	93.461	Number Not Available	7,551,064	-
		Subtotal	8,110,961	-
Department of Health and Human Services Administration for Children and Families				
Massachusetts Department of Public Health	93.092	INTF3211MM3W19020007	21,231	-
New Hampshire Department of Health and Human Services	93.575	Number Not Available	59,740	-
		Subtotal	80,971	-
Department of Health and Human Services Agency for Toxic Substances and Disease Registry				
Boston Medical Center	93.241	Number Not Available	5,050	-
		Subtotal	5,050	-
Department of Health and Human Services Centers for Disease Control and Prevention				
Massachusetts Department of Public Health	93.073	5U01DD001224-02-00	5,302	-
Massachusetts Department of Public Health	93.073	INTF3122H78500224039	(886)	-
Massachusetts Department of Public Health	93.535	INTF4123H78500224043	104,726	7,812
Massachusetts Department of Public Health	93.940	INTF4944MM3181926038	587,675	-
Massachusetts Department of Public Health	93.943	INTF5180HH2W40199011	28,898	-
Massachusetts Department of Public Health	93.946	5NU58DP006371-03-00	10,497	-
Massachusetts Department of Public Health	93.946	INTF3070HH4300522029	(4,270)	-
		Subtotal	731,942	7,812
Department of Health and Human Services Health Resources and Services Administration				
Boston Public Health Commission	93.914	H89HA00011	236,031	-
Dimock Community Health Center	93.153	2H12HA24846-06-00	68,896	-
Health Resources and Services Administration	93.211	6 P13RH33168--01--02	160,549	-
Health Resources and Services Administration	93.266	6 UH6HA30738-04-03	2,380,354	2,224,871
Health Resources and Services Administration	93.501	6 C12CS32615-01-01	28,671	-
Icahn School of Medicine at Mount Sinai	93.110	5H30MC24048-09	31,456	-
Manilaq Association	93.527	HRSA-18-118	35,493	-
Massachusetts Department of Public Health	93.110	INTF3121M04W16082022	76,706	25,125
Massachusetts Department of Public Health	93.870	INTF3617M03171019090	189,966	-
Massachusetts Department of Public Health	93.870	INTF3617M03171019100	224,072	-
Massachusetts Department of Public Health	93.870	INTF3617M03210621190	61,122	-
Massachusetts Department of Public Health	93.870	INTF3617M03210621192	80,703	-
Massachusetts Department of Public Health	93.914	Number Not Available	18,468	-
Massachusetts Department of Public Health	93.917	INTF4944MM3181926016	383,413	-
Massachusetts Hospital Association	93.301	2H3HRH00011-18-11	11,510	-
SHIP COVID NCH	93.301	Number Not Available	81,788	-
		Subtotal	4,069,198	2,249,996

# Mass General Brigham Schedule of Expenditures of Federal Awards Year ended September 30, 2020

Cluster Title/Federal Program/Pass-Through Program	CFDA Number	Direct Award or Pass-Through Entity Identifying Number	Total Expenditures	Subrecipient Expenditures
Department of Health and Human ServicesNational Institutes of Health				
Texas Woman's University	93.213	1R34AT010081	46,328	-
University of Nebraska Medical Center	93.847	5R01DK103658-05	49,399	-
		Subtotal	95,727	-
Department of Health and Human ServicesOffice of Population Affairs				
Action For Boston Community Development	93.217	1FPHPA006419-01-00	90,950	-
Action For Boston Community Development	93.217	FPHPA16204-01-00	(133,977)	-
		Subtotal	(43,027)	-
Department of Health and Human ServicesOffice of the Secretary				
Boston Public Health Commission	93.889	INTF6208PP1161326144	80	-
Commonwealth of Massachusetts	93.889	INTF6207PP1W16028699	(720)	-
Emory University	93.825	6 U3REP170552-04-01	71,916	-
Massachusetts Department of Public Health	93.817	INTF6207PP1W16005812	218,837	-
Massachusetts Department of Public Health	93.817	INTF6207PP1W16052809	214,763	-
Massachusetts Department of Public Health	93.817	INTF6208PP1W20166284	98,932	-
Massachusetts Department of Public Health	93.889	INTF6207PP1204215507-1	1,309	-
Massachusetts General Hospital	93.817	1HITEP180042-01-00	18,078	-
Massachusetts General Hospital	93.817	6HITEP180042-01-05	36,513	-
Massachusetts Hospital Association	93.889	U3REP200664	204,750	-
Massachusetts League of Community Health Centers	93.889	FY2018	2,074	-
Massachusetts League of Community Health Centers	93.889	Number Not Available	2,003	-
U.S. Department of Health and Human Services, Assistant Secreta	93.817	6HITEP180042-01-09	1,867,993	648,893
		Subtotal	2,736,528	648,893
Department of Health and Human ServicesSubstance Abuse and Mental Health Services Administration				
City of Chelsea	93.959	4512-9069	11,340	-
Massachusetts Department of Mental Health	93.243	SCDMH651001663334BRIG	298,013	260,096
Massachusetts Department of Public Health	93.959	INTF2351M03183626051	183,814	-
Massachusetts Department of Public Health	93.959	INTF2351M03183626053	85,085	-
Massachusetts Department of Public Health	93.959	INTF2351M03183626061	192,928	-
New Hampshire Department of Health and Human Services	93.788	05-95-92-7040-500731	1,243,821	-
Substance Abuse and Mental Health Services Administration	93.276	5H79SP080131-03	120,589	-
		Subtotal	2,135,590	260,096
Department of Housing and Urban DevelopmentOffice of Community Planning and Development				
Community Action of Pioneer Valley	14.267	MA0401L1T071908	17,780	-
HOWPA	14.241	20200024	209,845	-
HOWPA	14.241	20210144	50,753	-
Hud-McKinney	14.267	INTF4944MM3181926016	28,609	-
Hud-McKinney	14.267	MA0401L1T071807	101,497	-
		Subtotal	408,484	-
Department of JusticeOffice for Victims of Crime				
Commonwealth of Massachusetts	16.575	VOCA2019BRIGPASS0000	70,818	-
Commonwealth of Massachusetts	16.575	VOCA2019BRIGVVRP00000	164,571	-
Commonwealth of Massachusetts	16.575	VOCA2019MGHI00000000	134,671	-
Commonwealth of Massachusetts	16.575	VOCA2021BRIGPASS0000	34,006	-
Commonwealth of Massachusetts	16.575	VOCA2021BRIGVVRP00000	8,563	-
US Department of Justice Office of Justice Programs	16.582	2018-V3-GX-K036	444,000	64,880
		Subtotal	856,629	64,880
Department of JusticeOffice of Juvenile Justice and Delinquency Prevention				
City of Chelsea	16.123	2016-MU-MU-K099	494	-
		Subtotal	494	-
Department of the Treasury				
Governor's Office for Emergency Relief and Recovery	21.019	Number Not Available	1,800,000	-
		Subtotal	1,800,000	-
Department of TransportationNational Highway Traffic Safety Administration (NHTSA)				
KEA Technologies	20.614	DTNH22-13-H-00433	179,759	-
		Subtotal	179,759	-
Department of Veterans Affairs				
Department of Veterans Affairs	93.RD12	VA241-17-D-0108	2,450	-
		Subtotal	2,450	-
Health Resources & Services Administration				
Boston Public Health Commission	93.194	H89HA00011	226,755	-
		Subtotal	226,755	-
		Total Other Programs	\$ 29,401,273	\$ 4,598,860
		Total Federal Expenditures	\$ 1,126,366,946	\$ 156,398,340

# Mass General Brigham

## Notes to Schedule of Expenditures of Federal Awards

### Year Ended September 30, 2020

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#### 1. Organization

Mass General Brigham Incorporated (the Company) (formerly known as Partners HealthCare System, Inc.) is the parent organization and sole corporate member of numerous organizations whose financial condition and operations are described in these consolidated financial statements. The terms Mass General Brigham, We, Our or Us as used herein, unless otherwise stated or indicated by context, refer collectively to the Company and its affiliated organizations.

Mass General Brigham operates academic medical centers, community acute care hospitals, inpatient and outpatient mental health services facilities, urgent care centers, facilities that provide rehabilitation medicine and long-term care services, physician organizations, home health services, nursing homes and a graduate level program for health professions. Our mission is to provide world class health care services to the local communities in which we operate as well as to patients across the United States and the world. In addition, we are a nonuniversity-based non-profit private medical research enterprise and a principal teaching affiliate of the medical and dental schools of Harvard University. Our licensed, not-for-profit managed care organization and licensed, for-profit insurance company (collectively referred to as AllWays Health) provide health insurance products and administrative services to the Massachusetts Medicaid program (MassHealth), ConnectorCare (a state subsidized program for adults who meet income and immigration guidelines) and commercial populations.

#### 2. Summary of Significant Accounting Policies

##### Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) includes the grant activity of Mass General Brigham and is recorded on the accrual basis of accounting.

The information in the Schedule is presented in accordance with 2 CFR 200 Uniform Guidance requirements. Therefore, some amounts presented in the Schedule may differ from amounts presented in or used in the preparation of the basic consolidated financial statements. Negative amounts represent adjustments to amounts reported as expenditures in prior years. Catalog of Federal Domestic Assistance (CFDA), pass-through award numbers and expenditures are provided where available. The Schedule combines expenditures of The Brigham and Women's Hospital, Inc. (BWH), The General Hospital Corporation (GHC) d/b/a MGH, Foundation of the Massachusetts Eye and Ear Infirmary, Inc. (MEEI) including Schepens Eye Research Institute (SERI), The McLean Hospital Corporation (McLean), MGH Institute of Health Professions (IHP), Spaulding Rehabilitation Hospital Corporation (SRH), Cooley Dickinson Hospital (CDH), North Shore Medical Center, Inc. (NSMC), Newton-Wellesley Hospital (NWH), Brigham and Women's Faulkner Hospital, Inc. (BWFH), Martha's Vineyard Hospital (MVH), Nantucket Cottage Hospital (NCH), Partners Community Physicians Organization (PCPO), Wentworth-Douglass Hospital (WDH), and Mass General Brigham. These entities are all affiliates of Mass General Brigham.

#### 3. Federal Student Loan Programs

The amounts reported in the Student Financial Aid Cluster of the Schedule represent the beginning balances and newly issued loans in fiscal year 2020. As of September 30, 2020, IHP had loans outstanding of \$203,954 for loans issued as part of the Nurse Faculty Loan Program and ARRA - Nurse Faculty Loan Program. The ARRA loans (CFDA number 93.408) were \$20,201 and the NonARRA loans (CFDA number 93.264) were \$183,753.

# Mass General Brigham

## Notes to Schedule of Expenditures of Federal Awards

### Year Ended September 30, 2020

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#### 4. Facilities and Administrative and Fringe Benefit Costs

Federal expenditures for Research and Development and Research and Development Training for BWH, MGH, McLean, MEEI, SERI, SRH and IHP include facilities and administrative cost recoveries and fringe benefit cost recoveries in the amounts reported in the Schedule based on rates negotiated and awarded with the DHHS Division of Cost Allocation. These rates are based on financial information submitted utilizing the methods prescribed in Principles for Determining Costs Applicable to Research and Development Under Grants and Contracts with Hospitals, contained in the Code of Federal Regulation, Title 45, Part 74, Appendix E (OASC-3). The predetermined facilities and administrative cost rates for IHP are based on financial information submitted utilizing the simplified method for small institutions prescribed in Indirect (F&A) Costs Identification and Assignment, and Rate Determination for Institutions of Higher Education (IHEs), contained in the Code of Federal Regulation, Title 2, Part 200, Appendix III. Expenditures reported in Training and Other include the maximum facilities and administrative recoveries approved by the sponsor. The 10% de-minimis rate is not utilized on Research and Development or Research and Development Training by Mass General Brigham because they have approved negotiated rate agreements. The 10% de-minimis rate is used for Other awards where allowed.

#### 5. COVID-19 Strategic National Stockpile Distribution (Unaudited)

During fiscal year 2020, Mass General Brigham received donated personal protective equipment (PPE) from the Department of Health and Human Services Office of the Assistant Secretary for Preparedness and Response strategic national stockpile related to the COVID-19 pandemic response efforts. Mass General Brigham received 106 ventilators with an estimated fair market value at the time of receipt of \$1,420,258.

**Part II**  
**Reports on Compliance and Internal Control**



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

To the Board of Directors of  
Mass General Brigham

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States, the consolidated financial statements of Mass General Brigham which comprise the consolidated balance sheet as of September 30, 2020, and the related consolidated statements of operations, changes in net assets and cash flows for the years then ended, and the related notes to the consolidated financial statements, and have issued our report thereon dated December 11, 2020, which included an emphasis of matter paragraph related to Mass General Brigham changing the manner in which it accounts for lease and net periodic pension and postretirement benefit costs in 2020 as discussed in Note 2.

***Internal Control Over Financial Reporting***

In planning and performing our audit of the financial statements, we considered Mass General Brigham internal control over financial reporting (“internal control”) as a basis for designing the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion<sup>5</sup> on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Mass General Brigham internal control. Accordingly, we do not express an opinion on the effectiveness of Mass General Brigham internal control.

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



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

***Compliance and Other Matters***

As part of obtaining reasonable assurance about whether Mass General Brigham financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. 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.

*PricewaterhouseCoopers LLP*

Boston, Massachusetts  
May 25, 2021



**Report of Independent Auditors on Compliance with Requirements  
That Could Have a Direct and Material Effect on Each Major Program and on Internal Control  
Over Compliance in Accordance with the Uniform Guidance**

To the Board of Directors of  
Mass General Brigham

**Report on Compliance for Each Major Federal Program**

We have audited Mass General Brigham's compliance with the types of compliance requirements described in the OMB Compliance Supplement that could have a direct and material effect on each of Mass General Brigham's major federal programs for the year ended September 30, 2020. Mass General Brigham's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

***Management's Responsibility***

Management is responsible for compliance with federal statutes, regulations and the terms and conditions of its federal awards applicable to its federal programs.

***Auditors' Responsibility***

Our responsibility is to express an opinion on compliance for each of Mass General Brigham's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about Mass General Brigham's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.





We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of Mass General Brigham compliance.

### ***Opinion on Each Major Federal Program***

In our opinion, Mass General Brigham complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended September 30, 2020.

### **Report on Internal Control Over Compliance**

Management of Mass General Brigham is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered Mass General Brigham internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program 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 internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Mass General Brigham internal control over compliance.

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

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any



deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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

*PricewaterhouseCoopers LLP*

Boston, Massachusetts

May 25, 2021

**Part III**  
**Federal Award Findings and Questioned Cost**

**Mass General Brigham  
Schedule of Findings and Questioned Costs  
For the Fiscal Year Ended September 30, 2020**

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**1. Summary of Auditor's Results**

**Financial Statements**

Type of auditor's report issued	Unmodified
Internal control over financial reporting	
Material weakness(es) identified?	_____ yes ___X___no
Significant deficiency(ies) identified that are not considered to be material weaknesses?	_____ yes ___X___ none reported
Noncompliance material to financial statements noted?	_____ yes ___X___ no

**Federal Awards**

Internal control over major programs	
Material weakness(es) identified?	_____ yes ___X___no
Significant deficiency(ies) identified that are not considered to be material weaknesses?	_____ yes ___X___ none reported
Type of auditor's report issued on compliance for major programs	Unmodified
Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200, 516(a)	_____ yes ___X___no

**Identification of Major Programs**

Various CFDA numbers	<b>Name of Federal Program or Cluster</b> Research and Development, Research Training Cluster
10.557	WIC Special Supplemental Nutrition Program for Women, Infants, and Children
93.461	COVID-19 Testing for the Uninsured
Dollar threshold used to distinguish between Type A and Type B programs	\$3,379,101
Auditee qualified as low-risk auditee?	___X___ yes _____no

**2. Financial Statement Findings**

No findings to report.

**3. Federal Findings and Questioned Costs**

No findings to report.

**Mass General Brigham  
Management's View and Corrective Action Plan  
For the Fiscal Year Ended September 30, 2020**

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**Summary of Status of Prior Year Finding**

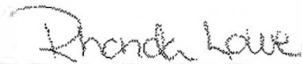
***2019-001 Equipment***

Due to the COVID-19 Pandemic, the start date of the full equipment inventory for the Research and Development cluster was postponed to FY21. The inventory is underway and is expected to be completed by 7/31/2021 contingent on access to Research Labs as directed by Public Health standards.

**Current Status of the Prior Year Findings Listed Above**

***2019-001 Research and Development Cluster Equipment***

Management agrees with the finding recommendations. Mass General Brigham will perform a full inventory of in service assets for those institutions which perform periodic statistical sampling and update items previously retired to ensure inventory records appropriately reflect in service and disposed of assets. Communication of the importance of maintaining accurate inventory records as well as full inventories are expected to begin in January 2020 and be completed by September 30, 2020. To address education, Mass General Brigham will develop a standard operating procedure (SOP) outlining roles and responsibilities throughout the equipment life cycle. The new SOP will be completed by June 30, 2020 and will address review frequency of fully depreciated and disposed assets.



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Rhonda Lowe  
Research Controller  
rlowe2@partners.org  
Phone: 857 /282-0711

May 25, 2021

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Date