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# Wayne State University

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**Federal Awards Supplemental Information  
September 30, 2021**

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Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

**Independent Auditor's Report**

To the Board of Governors  
Wayne State University

We have audited the financial statements of the business-type activities and the discretely presented component unit of Wayne State University (the "University") as of and for the year ended September 30, 2021 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated February 21, 2022, which contained an unmodified opinion on the financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to February 21, 2022.

The accompanying schedule of expenditures of federal awards is presented for the purpose of additional analysis, as required by the Uniform Guidance, and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

*Plante & Moran, PLLC*

February 21, 2022

Report 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*

**Independent Auditor's Report**

To Management and the Board of Governors  
Wayne State University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities and the discretely presented component unit of Wayne State University (the "University") as of and for the year ended September 30, 2021 and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated February 21, 2022.

**Internal Control Over Financial Reporting**

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

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the University'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 the University's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

To Management and the Board of Governors  
Wayne State University

**Purpose of This Report**

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

*Plante & Moran, PLLC*

February 21, 2022

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

**Independent Auditor's Report**

To the Board of Governors  
Wayne State University

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

We have audited Wayne State University's (the "University") compliance with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Compliance Supplement that could have a direct and material effect on each of the University's major federal programs for the year ended September 30, 2021. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

***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.

***Auditor's Responsibility***

Our responsibility is to express an opinion on compliance for each of the University'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* (the "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 the University'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 the University's compliance.

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

In our opinion, the University 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 the major federal programs for the year ended September 30, 2021.

**Report on Internal Control Over Compliance**

Management of the University 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 the University's 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 the University's internal control over compliance.

To the Board of Governors  
Wayne State University

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance 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, and, therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we identified a certain deficiency in internal control over compliance, as described in the accompanying schedule of findings and questioned costs as Finding 2021-001, that we consider to be a significant deficiency.

The University's response to the internal control over compliance finding identified in our audit is described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the auditing procedures applied in the audit of compliance, and, accordingly, we express no opinion on it.

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.

*Plante & Moran, PLLC*

February 21, 2022

Schedule of Expenditures of Federal Awards

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Number	Grant ID/Pass-through Entity Identifying Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster:						
Department of Agriculture:						
Plant and Animal Disease, Pest Control, and Animal Care		Direct	10.025	AP19PPQS&T00C167	\$ -	8,296
Plant and Animal Disease, Pest Control, and Animal Care		Direct	10.025	AP2099QS&T00C085	-	35,874
Plant and Animal Disease, Pest Control, and Animal Care		Direct	10.025	AP20PPQS&T00C199	-	10,481
Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)		Direct	10.326	2018-70001-28938	24,892	80,222
Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)		Direct	10.326	2018-70001-28938 West Virginia	58,840	58,840
Cooperative Extension Service	Utah State University	Pass Through	10.500	SUBK202006-721	-	21,044
Total Department of Agriculture					83,732	214,757
Department of Commerce:						
Integrated Ocean Observing System (IOOS)	The Great Lakes Observing System	Pass Through	11.012	I00S025 SGL-17 NA16NOS0120025	-	38,946
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	University of Michigan	Pass Through	11.432	3005985477 SUBK00012948	-	46,397
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	University of Michigan	Pass Through	11.432	3006279051 SUBK00012656	-	3,721
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	University of Michigan	Pass Through	11.432	3006445772 SUBK00015291	-	3,209
Total Department of Commerce					-	92,273
Department of Defense:						
Military Medical Research and Development		Direct	12.420	W81XWH19-1-0794	87,633	400,795
Military Medical Research and Development		Direct	12.420	W81XWH-19-1-0380	-	199,891
Military Medical Research and Development		Direct	12.420	W81XWH-20-1-0704	-	105,061
Military Medical Research and Development		Direct	12.420	W81XWH-21-1-0553	-	39,354
Military Medical Research and Development		Direct	12.420	W81XWH-21-1-0600	-	143
Military Medical Research and Development		Direct	12.420	W81XWH-15-1-0271	-	(4,186)
Military Medical Research and Development		Direct	12.420	W81XWH-16-1-0045	-	6,820
Military Medical Research and Development		Direct	12.420	W81XWH-16-1-0046	-	531
Military Medical Research and Development		Direct	12.420	W81XWH-16-1-0436	6,654	417,882
Military Medical Research and Development		Direct	12.420	W81XWH-17-1-0114	-	56,241
Military Medical Research and Development		Direct	12.420	W81XWH-17-1-0242	-	13,030
Military Medical Research and Development		Direct	12.420	W81XWH-17-1-0337	-	113,993
Military Medical Research and Development		Direct	12.420	W81XWH-17-1-0338	-	715
Military Medical Research and Development		Direct	12.420	W81XWH-17-2-0022	-	178,801
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0039	-	59,688
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0426	-	86,818
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0471	-	215,460
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0791	-	242,133
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0791	-	4,000
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0791 Ascension Providence Hosp	11,624	11,624
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0791 Oregon Health & Science	11,259	11,259
Military Medical Research and Development		Direct	12.420	W81XWH-18-1-0791 Oregon Health & Science	9,972	9,972
Military Medical Research and Development		Direct	12.420	W81XWH-19-1-0368	-	247,606
Military Medical Research and Development		Direct	12.420	W81XWH-20-1-0394	-	262,927
Military Medical Research and Development		Direct	12.420	W81XWH-20-1-0576	-	326,121
Military Medical Research and Development		Direct	12.420	W81XWH-21-1-0402	-	45,830
Basic Scientific Research		Direct	12.431	W911NF-21-2-0006	-	124,347
Basic Scientific Research		Direct	12.431	W911NF-19-1-0176	102,225	93,414
Basic Scientific Research		Direct	12.431	W911NF-19-1-0176	-	60,760
Air Force Defense Research Sciences Program		Direct	12.800	FA9550-19-1-0231	-	158,565
Air Force Defense Research Sciences Program		Direct	12.800	FA9550-19-1-0059	-	76,081
A Prospective Study of the Effects of Repetitive Low Level Blast Exposure on Fitness for Duty in SOCOM Warriors		Direct	12.RD	N6264518C4011	-	170,952



## Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Defense (continued):						
Sediment Sources and Accumulation Rates via Radioisotopes Assessment of Sources and Accumulation Rates of Sediment Accumulating in a Range of Aquatic Environments Using Be-7, Pb-210 and P0-210		Direct	12.RD	W912HZ19P0163	\$ -	\$ 42,031
Basic and Applied Scientific Research	The Research Foundation for SUNY on behalf of U. at Buffalo	Pass Through	12.300	SUBAWARD #R1130057	-	10,463
	LUNA	Pass Through	12.420	20C0036	-	63,106
Military Medical Research and Development	Tuscaloosa Research & Education Advancement Corp	Pass Through	12.420	PASA2019-21-06R	-	4,414
Military Medical Research and Development	Tuscaloosa Research & Education Advancement Corp	Pass Through	12.420	PASA2019-21-4	-	85,425
Military Medical Research and Development	University of Michigan	Pass Through	12.420	SUBK00013389	-	(1,177)
Uniformed Services University Medical Research Projects	Henry M. Jackson Foundation	Pass Through	12.750	PO 1012830 SUB 5650	-	282,796
Uniformed Services University Medical Research Projects	Henry M. Jackson Foundation	Pass Through	12.750	PO 986383 SUB5159	-	60,168
Research and Technology Development	New York University	Pass Through	12.910	A18-0274 #F7315	-	107,838
Research and Technology Development	University of Michigan	Pass Through	12.910	3005489988 SUBK00011315	-	77,013
3D-Printed Heavy-Duty Piston with Integrated Two-Phase Cooling	Advanced Cooling Technologies, Inc.	Pass Through	12.RD	42520	-	19,485
Robotic Tool Kit (RTK) Logistics Automation	Great Lakes Systems & Technology, LLC	Pass Through	12.RD	W15QKN-17-9-1025 AUT-17-02	-	(205)
Warrior Injury Assessment Manikin (WIAMan) Biomechanics Product Team (BIO PT)	Johns Hopkins University	Pass Through	12.RD	PRIME W911QX-17-D-0006	-	27,430
Warrior Injury Assessment Manikin (WIAMan) Biomechanics Product Team (BIO PT)	Johns Hopkins University	Pass Through	12.RD	PRIME W911QX-17-D-0006	-	28,975
COVID-19 Convalescent Plasma to Limit Coronavirus Associated Complications. CSSC-001/CSSC-004	Johns Hopkins University	Pass Through	12.RD	PRIME: W911QY209012	-	26,069
COVID-19 Convalescent Plasma to Limit Coronavirus Associated Complications. CSSC-001/CSSC-004	Johns Hopkins University	Pass Through	12.RD	PRIME: W911QY209012	-	44,688
Rapid Material Development for Lightweight Additive Manufactured (AM) Structures and Repairs	MRL Material Resources, LLC	Pass Through	12.RD	MRL-20-T-0009	-	52,500
Reliable and Optimal Coordination of Networked Systems and Action-Based Space Trajectory Generation/Estimation	University of Connecticut	Pass Through	12.RD	PO#436580/KFS#5663200	-	79,910
United States Body Armor Fit and Coverage Combating Terrorism Technical Support Office Task PP-IP-4206	University of Southern California	Pass Through	12.RD	129577020	-	111,409
Total Department of Defense					229,367	4,858,966
Department of the Interior:						
Fish and Wildlife Coordination Act		Direct	15.517	R16AP00174	-	579
Fish and Wildlife Coordination Act		Direct	15.517	R20AC00004	68,232	271,739
Fish and Wildlife Coordination Act		Direct	15.517	R20AC00004 Univ of New Mexico	59,386	59,386
Fish and Wildlife Coordination Act		Direct	15.517	R20AC00004 Suny	10,497	10,497
Lower Colorado River Multi-Species Conservation		Direct	15.538	R14AC00004	-	30,557
U.S. Geological Survey Research and Data Collection		Direct	15.808	G20AC00456	-	50,786
Upper Colorado and San Juan River Basins Endangered Fish Recovery	University of New Mexico	Pass Through	15.529	0480OI-871V	-	47,679
Total Department of the Interior					138,115	471,223
Department of Justice:						
National Institute of Justice Research, Evaluation, and Development Project Grants		Direct	16.560	2017-R2-CX-0045	-	8,242
Crime Victim Assistance/Discretionary Grants		Direct	16.582	2020-V3-GX-0060	6,556	52,051
COVID-19 Coronavirus Emergency Supplemental Funding Program	State Appellate Defender Office	Pass Through	16.034	SADO 2021-2 State Appellate	-	2,847
National Institute of Justice Research, Evaluation, and Development Project Grants	Arizona State University, Ofc For Research & Sponsored	Pass Through	16.560	ASUB00000691	-	14,068
Crime Victim Assistance/Discretionary Grants	Elder Law of Michigan, Inc.	Pass Through	16.582	2019-V3-GX-0012	-	14,005
Harold Rogers Prescription Drug Monitoring Program	Indiana State Department of Health	Pass Through	16.754	SCM #36733 0020003664	9,992	68,246
Comprehensive Opioid Abuse Site-Based Program	Health and Hospital Corporation of Marion County	Pass Through	16.838	PO#2500002239	-	77,153
Comprehensive Opioid Abuse Site-Based Program	Health and Hospital Corporation of Marion County	Pass Through	16.838	PO#4500707928	-	170
Total Department of Justice					16,548	236,782
Department of Transportation:						
Highway Training and Education		Direct	20.215	693JJ31750007	-	3,980
Highway Research and Development Program	Auburn University	Pass Through	20.200	21-HRC-248919-WSU	-	4,741
Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research	Michigan Department of Transportation	Pass Through	20.505	MDOT 2016-0070 Z7	10,437	49,189
Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research	Michigan Department of Transportation	Pass Through	20.505	MDOT 2019-0314 Z1	920	57,466
Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research	Texas A&M University	Pass Through	20.505	M2000912	-	(3,221)
Total Department of Transportation					11,357	112,155

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of the Treasury - Coronavirus Relief Fund:						
COVID-19 Coronavirus Relief Fund	Detroit Food Policy Council DFPC	Pass Through	21.019	COVID Relief Grocer	\$ -	\$ 9,309
COVID-19 Coronavirus Relief Fund	Michigan Department of Environmental Quality	Pass Through	21.019	EGLE-2020-7510	-	119,269
COVID-19 Coronavirus Relief Fund	Michigan Department of Environmental Quality	Pass Through	21.019	EGLE-2020-7510 Sub	-	180,539
Total Department of the Treasury - Coronavirus Relief Fund					-	309,117
Office of Personnel Management:						
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Adam Lazar	-	46,246
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Aditi Singh	-	6,977
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Alexander Woznicki	-	15,685
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Ali Gheidi	-	60,268
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Ali Harajli	-	31,383
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Andre Kuhl	-	26,855
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Anthony Cacacae	-	8,798
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Archana Singh	-	2,149
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Bachar Ahmad	-	31,325
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Bo Hu	-	1,081
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Branislava Zagorac	-	72,292
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Cynthia Arfken	-	10,726
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Daniil Moiseev	-	17,090
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Danny Greig	-	12,145
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Dina Francesutti	-	78,479
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Dragana Konnenov	-	96,021
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Emily Pelc	-	38,201
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA FNU Koma	-	25,481
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA George Borszcz	-	61,387
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Harvinder Talwar	-	53,850
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Indulekha Singaravelu	-	40,546
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Janice Gibson	-	7,278
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Jaskiran Bansal	-	14,598
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Jitender Gaddameedi	-	55,847
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Kelly Bosse	-	1,703
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Kevin Theis	-	16,053
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Mariana Angoa Perez	-	44,070
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Meng Deng	-	47,250
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Min Wu	-	(2,187)
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Min Wu	-	67,611
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Mirabela Halli	-	75,218
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Monica Mungarwad	-	21,042
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Nareen Sadik	-	31,567
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Nishtha Pandya	-	16,536
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Peter Levanovich	-	15,717
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Qingchao Qin	-	36,213
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Rodney Braun	-	18,649
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Ruchi Rastogi	-	23,690
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA S. Kallakuri	-	98,018
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Samiran Ghosh	-	8,361
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Scott Alan Mares	-	25
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Scott Alan Mares	-	12,203

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Office of Personnel Management (continued):						
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Scott Lloyd	\$ -	\$ 38,160
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Shipra Puri	-	66,031
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Suhadinie Ga	-	29,728
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Suriah Khan	-	43,312
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Tong Shi	-	24
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Veronica Piggott	-	17,648
Intergovernmental Personnel Act (IPA) Mobility Program		Direct	27.011	VAMC IPA Zafar Wazir	-	13,174
Total Office of Personnel Management					-	1,554,524
National Aeronautics and Space Administration:						
Science		Direct	43.001	80NSSC21K0635	-	12,117
Science	Arizona State University	Pass Through	43.001	17-212 NNX17AF70G	-	9,386
Science	Arizona State University	Pass Through	43.001	ASUB00000601	-	49,079
Science	California Institute of Technology/Jet Propulsion Laboratory	Pass Through	43.001	RSA NO. 1660306	-	9,915
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006021670 SUBK00013213 MSGC	-	20
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006021670 SUBK00013213 Huang	-	153
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006021670 SUBK00013213 McCullen	-	398
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006021670 SUBK00013213 Nieman	-	3,192
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006464689 SUBK00015396 Cinabro/Carr	-	5,012
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006464689 SUBK00015396 Durand/Messina	-	4,991
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006464689 SUBK00015396 Durand/Neiman	-	4,991
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006464689 SUBK00015396 Ayoobi	-	5,000
Office of Stem Engagement (OSTEM)	University of Michigan	Pass Through	43.008	3006464689 SUBK00015396 Cinabro/Moutard	-	4,998
Total National Aeronautics and Space Administration					-	109,252
National Endowment for the Arts and Humanities:						
Promotion of the Arts Grants to Organizations and Individuals		Direct	45.024	1856087-38-19	4,991	4,826
Promotion of the Humanities Office of Digital Humanities		Direct	45.169	HK-250673-16	11,000	15,070
Promotion of the Humanities Teaching and Learning Resources and Curriculum Development	Association of American Medical Colleges	Pass Through	45.162	GT32018-20-18	-	5,950
Promotion of the Humanities Office of Digital Humanities	Cleveland State University	Pass Through	45.169	200002029 / HAA-271574-20	-	1,396
Grants to States	Michigan Department of Education	Pass Through	45.310	LSTA LS-00-19-0023-19	-	60,653
National Leadership Grants	University of Oklahoma	Pass Through	45.312	2020-10 2023	-	66,283
Total National Endowment for the Arts and Humanities					15,991	154,178
National Science Foundation:						
Engineering		Direct	47.041	CBET 1350623	-	58,781
Engineering		Direct	47.041	CBET 1350623	-	31
Engineering		Direct	47.041	CBET 1350623	-	2,000
Engineering		Direct	47.041	CBET 1436193	-	(3,075)
Engineering		Direct	47.041	CBET 1512544	-	56,006
Engineering		Direct	47.041	CBET 1604756	-	32,064
Engineering		Direct	47.041	CBET 1750607	-	69,284
Engineering		Direct	47.041	CBET 1751472	-	72,790
Engineering		Direct	47.041	CBET 1839675	-	102,214
Engineering		Direct	47.041	CBET 1839675	-	13,600
Engineering		Direct	47.041	CBET 1935581	-	39,014
Engineering		Direct	47.041	CBET 2013322	-	332
Engineering		Direct	47.041	CBET 2013322	-	1,717

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			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
National Science Foundation (continued):						
Engineering		Direct	47.041	CBET 2031385	\$ -	\$ 9,773
Engineering		Direct	47.041	CBET 2115827	-	154
Engineering		Direct	47.041	CMMI 1761418	-	80,516
Engineering		Direct	47.041	CMMI 1761418	-	1,455
Engineering		Direct	47.041	CMMI 1832692	-	169,917
Engineering		Direct	47.041	CMMI 1832692	-	1,000
Engineering		Direct	47.041	CMMI 1832692	-	98,868
Engineering		Direct	47.041	CMMI 1832692	-	143,618
Engineering		Direct	47.041	CMMI 1914436	-	46,735
Engineering		Direct	47.041	CMMI 1944068	-	67,539
Engineering		Direct	47.041	EEC 1950192	-	14,513
Engineering		Direct	47.041	EEC 1950192	-	30,000
Engineering		Direct	47.041	EEC 1950192	-	33,254
Engineering		Direct	47.041	EEC 1950192	-	30,000
Engineering		Direct	47.041	IIP 1338780	-	1,184
Engineering		Direct	47.041	IIP 2054691	-	18,179
Engineering		Direct	47.041	IIP 2132293	-	10,887
Mathematical and Physical Sciences		Direct	47.049	AST 1909199	-	94,603
Mathematical and Physical Sciences		Direct	47.049	CHE 1554752	-	39,269
Mathematical and Physical Sciences		Direct	47.049	CHE 1665331	-	15,984
Mathematical and Physical Sciences		Direct	47.049	CHE 1709789	-	53,631
Mathematical and Physical Sciences		Direct	47.049	CHE 1855681	-	116,296
Mathematical and Physical Sciences		Direct	47.049	CHE 1856437	-	61,047
Mathematical and Physical Sciences		Direct	47.049	CHE 1900176	-	67,562
Mathematical and Physical Sciences		Direct	47.049	CHE 1904584	-	120,801
Mathematical and Physical Sciences		Direct	47.049	CHE 1904670	-	184,595
Mathematical and Physical Sciences		Direct	47.049	CHE 1904780	-	44,912
Mathematical and Physical Sciences		Direct	47.049	CHE 1943737	-	243,294
Mathematical and Physical Sciences		Direct	47.049	CHE 2034245	-	21,866
Mathematical and Physical Sciences		Direct	47.049	CHE 2046487	-	34,519
Mathematical and Physical Sciences		Direct	47.049	CHE 2105700	-	17,188
Mathematical and Physical Sciences		Direct	47.049	CHE 2105700	-	59,604
Mathematical and Physical Sciences		Direct	47.049	CHE 2107860	-	11,118
Mathematical and Physical Sciences		Direct	47.049	DMR 1606917	-	15,958
Mathematical and Physical Sciences		Direct	47.049	DMR 1652316	-	111,802
Mathematical and Physical Sciences		Direct	47.049	DMR 1743041	-	2,390
Mathematical and Physical Sciences		Direct	47.049	DMR 1809229	-	197,637
Mathematical and Physical Sciences		Direct	47.049	DMR 1904775	-	156,688
Mathematical and Physical Sciences		Direct	47.049	DMR 1929314	-	16,665
Mathematical and Physical Sciences		Direct	47.049	DMR 2003118	-	49,609
Mathematical and Physical Sciences		Direct	47.049	DMR 2004445	-	25,565
Mathematical and Physical Sciences		Direct	47.049	DMR 2004445 Supplement	-	55,184
Mathematical and Physical Sciences		Direct	47.049	DMR 2006446	-	39,241
Mathematical and Physical Sciences		Direct	47.049	DMR 2018587	-	882,000
Mathematical and Physical Sciences		Direct	47.049	DMR 2044552	-	6,450
Mathematical and Physical Sciences		Direct	47.049	DMS 1512846	-	26,006
Mathematical and Physical Sciences		Direct	47.049	DMS 1606290	-	4,473
Mathematical and Physical Sciences		Direct	47.049	DMS 1710827	-	5,804

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Year Ended September 30, 2021

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			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
National Science Foundation (continued):						
Mathematical and Physical Sciences		Direct	47.049	DMS 1808978	\$ -	\$ 44,477
Mathematical and Physical Sciences		Direct	47.049	DMS 1819041	-	95,190
Mathematical and Physical Sciences		Direct	47.049	DMS 1904241	-	47,441
Mathematical and Physical Sciences		Direct	47.049	PHY 2012098	-	122,380
Mathematical and Physical Sciences		Direct	47.049	PHY 2012922	-	37,092
Geosciences		Direct	47.050	AGS 2111428	-	14,960
Geosciences		Direct	47.050	EAR 1454829	-	26
Geosciences		Direct	47.050	EAR 1947865	-	2,648
Geosciences		Direct	47.050	OCE 1923014	-	44,767
Computer and Information Science and Engineering		Direct	47.070	ACI 1550300	-	332,963
Computer and Information Science and Engineering		Direct	47.070	ACI 1550300	-	24,800
Computer and Information Science and Engineering		Direct	47.070	ACI 1550300 Univ of Tennessee	58,308	58,308
Computer and Information Science and Engineering		Direct	47.070	ACI 1642406	-	18,799
Computer and Information Science and Engineering		Direct	47.070	CCF 1563728	-	174,461
Computer and Information Science and Engineering		Direct	47.070	CCF 2118202	-	29,955
Computer and Information Science and Engineering		Direct	47.070	CFF 1850475	-	67,099
Computer and Information Science and Engineering		Direct	47.070	CNS 1836629	-	1,299
Computer and Information Science and Engineering		Direct	47.070	CNS 1846126	-	45,323
Computer and Information Science and Engineering		Direct	47.070	CNS 1928331	-	7,896
Computer and Information Science and Engineering		Direct	47.070	CNS 1932026	-	51,332
Computer and Information Science and Engineering		Direct	47.070	CNS 1932026	-	14,199
Computer and Information Science and Engineering		Direct	47.070	CNS 1948365	-	79,119
Computer and Information Science and Engineering		Direct	47.070	CNS 2006846	-	29,542
Computer and Information Science and Engineering		Direct	47.070	CNS 2038609	-	44,171
Computer and Information Science and Engineering		Direct	47.070	CNS 2043611	-	46,315
Computer and Information Science and Engineering		Direct	47.070	CNS-1618185	-	488
Computer and Information Science and Engineering		Direct	47.070	IIS 1724227	-	308,769
Computer and Information Science and Engineering		Direct	47.070	IIS 1816511	-	183,862
Computer and Information Science and Engineering		Direct	47.070	IIS 1948338	-	50,665
Computer and Information Science and Engineering		Direct	47.070	IIS 2001216	-	20,579
Computer and Information Science and Engineering		Direct	47.070	OAC 1835713	-	98,891
Computer and Information Science and Engineering		Direct	47.070	OAC 1845962	-	52,709
Computer and Information Science and Engineering		Direct	47.070	OAC 1910469	-	74,076
Computer and Information Science and Engineering		Direct	47.070	OAC 2004571	229,673	268,304
Computer and Information Science and Engineering		Direct	47.070	OAC 2004571	-	6,600
COVID-19 Computer and Information Science and Engineering		Direct	47.070	CNS 2027251	-	23,644
Biological Sciences		Direct	47.074	IOS 1651921	-	85,045
Biological Sciences		Direct	47.074	IOS 1838291	-	23,490
Biological Sciences		Direct	47.074	MCB 1453579	-	18,742
Biological Sciences		Direct	47.074	MCB 1936030	-	109,944
Social, Behavioral, and Economic Sciences		Direct	47.075	BCS 2040984	-	23,991
Social, Behavioral, and Economic Sciences		Direct	47.075	SES 1904095	-	888
Social, Behavioral, and Economic Sciences		Direct	47.075	SES 2001800	-	1,570
Social, Behavioral, and Economic Sciences		Direct	47.075	SMA 1520723	(522)	1,002
Social, Behavioral, and Economic Sciences		Direct	47.075	SMA 2051292	-	19,250
Social, Behavioral, and Economic Sciences		Direct	47.075	SMA 2051292	-	51,848
COVID-19 Social, Behavioral, and Economic Sciences		Direct	47.075	SES 2031726	-	106,547
COVID-19 Social, Behavioral, and Economic Sciences		Direct	47.075	SES 2041556	-	144,005
Education and Human Resources		Direct	47.076	DGE 1735038	32,230	131,761
Education and Human Resources		Direct	47.076	DGE 1735038	-	402,244

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
National Science Foundation (continued):						
Education and Human Resources		Direct	47.076	DRL 1612400	\$ -	\$ 117,906
Education and Human Resources		Direct	47.076	DRL 1612400	-	4,181
Education and Human Resources		Direct	47.076	DRL 1612400 Case Western	1,455	1,455
Education and Human Resources		Direct	47.076	DRL 1612400 Cleveland State Univ	35,688	35,688
Education and Human Resources		Direct	47.076	DRL 1612400 Drexel University	73,992	73,992
Education and Human Resources		Direct	47.076	DRL 1612400 Mathematical Policy Research	25,947	25,947
Education and Human Resources		Direct	47.076	DRL 1612400 Mohawk Valley	-	-
Education and Human Resources		Direct	47.076	Community	36,285	36,285
Education and Human Resources		Direct	47.076	DRL 1614187	179,433	270,062
Education and Human Resources		Direct	47.076	DUE 1524878	-	337,667
Education and Human Resources		Direct	47.076	DUE 1540819	26,503	158,644
Education and Human Resources		Direct	47.076	DUE 1540819	2,220	8,551
Education and Human Resources		Direct	47.076	DUE 1540819	-	19,000
Education and Human Resources		Direct	47.076	DUE 1742486	-	44,931
Education and Human Resources		Direct	47.076	DUE 1742486	-	96,250
Education and Human Resources		Direct	47.076	DUE 1935633	-	6,719
Education and Human Resources		Direct	47.076	DUE 1935633	-	706
Education and Human Resources		Direct	47.076	HRD 2017586	-	233,492
NSF IPA Agreement Jin-Ku Cha		Direct	47.RD	IPA 1947544	-	267,442
Engineering	GlycoSurf, LLC	Pass Through	47.041	PI Timothy Dittrich	-	10,635
Engineering	Oakland University	Pass Through	47.041	SUB 34630	-	7,149
Engineering	RediMinds Inc.	Pass Through	47.041	NSF-1953822	-	81,000
Engineering	University of Arizona	Pass Through	47.041	460466	-	5,185
Mathematical and Physical Sciences	Ohio State University	Pass Through	47.049	60066814	-	62,945
Mathematical and Physical Sciences	University of Wisconsin	Pass Through	47.049	776K204	-	129,770
Mathematical and Physical Sciences	Worcester Polytechnic Institute	Pass Through	47.049	10826-GR	-	30,044
Geosciences	University of Arizona	Pass Through	47.050	471714	-	12,926
Computer and Information Science and Engineering	Carnegie Mellon University	Pass Through	47.070	1122593-395027	-	16
Computer and Information Science and Engineering	Iowa State University	Pass Through	47.070	4207299A	-	156
Computer and Information Science and Engineering	Julian C Madison	Pass Through	47.070	CNS 2035165	-	66,483
Computer and Information Science and Engineering	Research Fdn of State Univ. of New York SUNY	Pass Through	47.070	78887-WAYNE STATE	-	7,259
Computer and Information Science and Engineering	University of Michigan	Pass Through	47.070	3003646556 F040168	-	201,510
Biological Sciences	University of Cincinnati	Pass Through	47.074	012086-002	-	49,140
Biological Sciences	University of Cincinnati	Pass Through	47.074	IOS 1456757	-	859
Social, Behavioral, and Economic Sciences	University of Michigan	Pass Through	47.075	3006465643 SUBK00015436	-	109,344
Education and Human Resources	Macomb Community College	Pass Through	47.076	DUE 1801150 B0021215	-	15,966
Education and Human Resources	Macomb Community College	Pass Through	47.076	DUE 1902369 PO #B22707	-	56,905
Education and Human Resources	Oakland Community College	Pass Through	47.076	17001	-	4,869
Education and Human Resources	Oakland Community College	Pass Through	47.076	17001	-	2,680
Education and Human Resources	Oakland Community College	Pass Through	47.076	17001	-	5,490
Education and Human Resources	University of Michigan	Pass Through	47.076	3004280409	-	91,791
Education and Human Resources	University of Michigan	Pass Through	47.076	3004280409	-	2,487
Education and Human Resources	University of Michigan	Pass Through	47.076	3006315695 SUBK00012025	-	28,318
Total National Science Foundation					701,212	10,349,432
Department of Veterans Affairs:						
Induction of Senescence using Dexamethasone to Re-sensitize NSCLC to Anti-PD1 Therapy: A Phase I/II Clinical Trial		Direct	64.RD	PO #506D07015	-	105,545
Evaluating Possible Auditory and Psychological Biomarkers of Sound Intolerance		Direct	64.RD	PO648-D1001 36C26021P0148	-	22,630
Total Department of Veterans Affairs					-	128,175

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Research and Development Cluster (continued):						
Environmental Protection Agency -						
P3 Award: National Student Design Competition for Sustainability		Direct	66.516	SU84016001-0	\$ -	\$ 22,421
Department of Energy:						
Office of Science Financial Assistance Program		Direct	81.049	DE-FG02-92ER40713	-	744,129
Office of Science Financial Assistance Program		Direct	81.049	DE-SC000013460	-	110,041
Office of Science Financial Assistance Program		Direct	81.049	DE-SC000013460	-	49,205
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0007983	-	99,572
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0007983	-	155,033
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0014347	-	4,921
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0020953	-	169,724
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0020994	-	97,092
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0021497	-	41,474
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0021969	-	1,961
Office of Science Financial Assistance Program		Direct	81.049	DE-SC0022134	-	57
IPA Agreement - David Cinabro		Direct	81.RD	MISN00144 IPA - DAVID CINABRO	-	161,716
Advanced Oxides for Ethylene Production	Battelle Energy Alliance, LLC (BEA)	Pass Through	81.RD	CONTRACT 221610	-	120,453
BEST Collaboration Research	Brookhaven Science Associates, LLC	Pass Through	81.RD	391379	-	65,000
Topological Phases of Quantum Matter with Decoherence	Los Alamos National Laboratory	Pass Through	81.RD	SUB 527098 525474 AGZ-9-92105-01 DE-AC36-	-	78,120
Scalable and Automated Signal Performance Measures Using Ubiquitous Floating Car Trajectory Data	National Renewal Energy Laboratory	Pass Through	81.RD	08GO283	-	27,842
The Large Angle Beamstrahlung Monitor at SuperKERB (LAMB)	Stanford University	Pass Through	81.RD	189028	-	2,207
Testing and evaluation of advanced vehicle systems	University of Chicago	Pass Through	81.RD	9F60007	-	14,414
An Integrated Framework for Condition Monitoring Based Asset Management in Hydropower Fleets: Adaptive and Scalable Prognostics, Operations, and Maintenance	University of Chicago	Pass Through	81.RD	1F-60272	-	20,000
Autonomous Monitoring Inspection & Maintenance in MHK Fleets: Scalable Interence and Optimization for Effective Asset Health Management	University of Chicago	Pass Through	81.RD	1F-60433	-	19,998
Total Department of Energy					-	1,982,959
Department of Health and Human Services:						
Area Health Education Centers						
Environmental Health		Direct	93.107	KHP3916701	72,324	88,463
Environmental Health		Direct	93.113	FES0302780-03	-	26,163
Environmental Health		Direct	93.113	FES030278-02	-	5,704
Environmental Health		Direct	93.113	KES028750	-	19,472
Environmental Health		Direct	93.113	PES020957-06	-	992
Environmental Health		Direct	93.113	PES020957-07	44,843	249,102
Environmental Health		Direct	93.113	PES020957-07	-	121,760
Environmental Health		Direct	93.113	PES020957-07	-	64,122
Environmental Health		Direct	93.113	PES020957-07	-	136,791
Environmental Health		Direct	93.113	PES020957-07	-	131,064
Environmental Health		Direct	93.113	PES020957-07	-	14,140
Environmental Health		Direct	93.113	PES020957-07	-	21,752
Environmental Health		Direct	93.113	PES020957-07	-	19,345
Environmental Health		Direct	93.113	PES020957-07	-	35,000
Environmental Health		Direct	93.113	PES020957-07	-	30,000
Environmental Health		Direct	93.113	PES020957-07	-	14,998
Environmental Health		Direct	93.113	PES020957-07 Henry Ford Health System	35,000	49,921
Environmental Health		Direct	93.113	PES020957-07 Henry Ford Health System	30,000	30,000
Environmental Health		Direct	93.113	PES020957-07 Univ of Detroit Mercy	12,874	8,065
Environmental Health		Direct	93.113	PES020957-08	21,061	132,359
Environmental Health		Direct	93.113	PES020957-08	-	135,646
Environmental Health		Direct	93.113	PES020957-08	-	103,954

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Number	Grant ID/Pass-through Entity Identifying Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Environmental Health		Direct	93.113	PES020957-08	\$ -	\$ 64,740
Environmental Health		Direct	93.113	PES020957-08	-	12,990
Environmental Health		Direct	93.113	PES020957-08	-	9,769
Environmental Health		Direct	93.113	PES020957-08	-	23,800
Environmental Health		Direct	93.113	PES020957-08	-	10,335
Environmental Health		Direct	93.113	PES020957-08	-	11,303
Environmental Health		Direct	93.113	PES020957-08 Univ of Detroit Mercy	9,691	9,691
Environmental Health		Direct	93.113	RES022606	6,814	148,614
Environmental Health		Direct	93.113	RES028214	-	81,842
Environmental Health		Direct	93.113	RES028263	-	235,429
Environmental Health		Direct	93.113	RES028263	-	15,472
Environmental Health		Direct	93.113	RES028298	-	22,483
Environmental Health		Direct	93.113	RES028335	-	199,636
Environmental Health		Direct	93.113	RES028734	-	245,202
Environmental Health		Direct	93.113	RES029484	-	454,356
Environmental Health		Direct	93.113	RES030405	-	333,705
Environmental Health		Direct	93.113	RES030722	-	287,446
Environmental Health		Direct	93.113	RES031584	-	85,325
Environmental Health		Direct	93.113	RES031822	-	58,952
Injury Prevention and Control Research and State and Community Based Programs		Direct	93.136	U01CE002843-04	7,658	149,745
Injury Prevention and Control Research and State and Community Based Programs		Direct	93.136	U01CE002843-04 Michigan State University	11,504	11,504
Injury Prevention and Control Research and State and Community Based Programs		Direct	93.136	U01CE003204-02	40,605	205,878
Injury Prevention and Control Research and State and Community Based Programs		Direct	93.136	U01CE003204-02	-	62
Injury Prevention and Control Research and State and Community Based Programs		Direct	93.136	U01CE003204-02 Michigan State University	32,807	32,807
Research Related to Deafness and Communication Disorders		Direct	93.173	DC013275	-	21,931
Research Related to Deafness and Communication Disorders		Direct	93.173	DC017251	-	44,848
Research Related to Deafness and Communication Disorders		Direct	93.173	DC017839	-	187,463
National Center on Sleep Disorders Research		Direct	93.233	R01HL146059-01	7,216	(61,653)
National Center on Sleep Disorders Research		Direct	93.233	R01HL146059-02	3,992	550,826
National Center on Sleep Disorders Research		Direct	93.233	R01HL146059-02 UCLA	50,075	50,075
National Center on Sleep Disorders Research		Direct	93.233	R01HL146059-03	-	40,102
National Center on Sleep Disorders Research		Direct	93.233	R01HL146059-03 Lundquist Institute	19,443	19,443
National Center on Sleep Disorders Research		Direct	93.233	RHL142757	6,180	263,450
National Center on Sleep Disorders Research		Direct	93.233	UHL150551	376,100	578,628
Mental Health Research Grants		Direct	93.242	FMH120927-02	-	35,326
Mental Health Research Grants		Direct	93.242	FMH120927-03	-	4,453
Mental Health Research Grants		Direct	93.242	FMH122903	-	39,167
Mental Health Research Grants		Direct	93.242	FMH124279	-	39,538
Mental Health Research Grants		Direct	93.242	KMH110600	-	79,236
Mental Health Research Grants		Direct	93.242	KMH110600	-	20,983
Mental Health Research Grants		Direct	93.242	KMH119241	-	117,897
Mental Health Research Grants		Direct	93.242	RMH059299-19	-	39,710
Mental Health Research Grants		Direct	93.242	RMH059299-20	-	346,125
Mental Health Research Grants		Direct	93.242	RMH107512	7,973	217,339
Mental Health Research Grants		Direct	93.242	RMH108442	-	207,295
Mental Health Research Grants		Direct	93.242	RMH108442 Florida State Univ	28,572	28,572
Mental Health Research Grants		Direct	93.242	RMH108442 John Hopkins	19,975	19,975
Mental Health Research Grants		Direct	93.242	RMH108442 Univ of Miami	41,920	41,920
Mental Health Research Grants		Direct	93.242	RMH111177	-	366,886
Mental Health Research Grants		Direct	93.242	RMH111682	44,973	139,028



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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Mental Health Research Grants		Direct	93.242	RMH111682 Columbia	\$ 56,712	\$ 56,712
Mental Health Research Grants		Direct	93.242	RMH111682 Emory	185,582	185,582
Mental Health Research Grants		Direct	93.242	RMH111682 Supplement	-	62,386
Mental Health Research Grants		Direct	93.242	RMH111935-04	-	462,755
Mental Health Research Grants		Direct	93.242	RMH116280	-	65,955
Substance Abuse and Mental Health Services Projects of Regional and National Significance		Direct	93.243	SM080101	-	(3,213)
COVID-19 Poison Center Support and Enhancement Grant		Direct	93.253	COVID H4CHS37397C3	-	25,533
Poison Center Support and Enhancement Grant		Direct	93.253	H4BHS33818	-	622,095
Poison Center Support and Enhancement Grant		Direct	93.253	H4BHS33818	-	67,940
Alcohol Research Programs		Direct	93.273	KA024500	-	94,158
Alcohol Research Programs		Direct	93.273	RAA023503	-	7,584
Alcohol Research Programs		Direct	93.273	RAA023503 BCH	21,506	21,506
Alcohol Research Programs		Direct	93.273	RAA023503 UCT	61,286	61,187
Alcohol Research Programs		Direct	93.273	RAA025905	-	161,595
Alcohol Research Programs		Direct	93.273	RAA025905 Columbia	32,059	32,059
Alcohol Research Programs		Direct	93.273	RAA025905 Emory	26,441	26,441
Alcohol Research Programs		Direct	93.273	RAA025905 Seattle Children Hosp	11,904	11,904
Alcohol Research Programs		Direct	93.273	RAA025905 Sydney	16,790	16,790
Alcohol Research Programs		Direct	93.273	RAA025905 Univ of Pittsburgh	19,328	19,328
Alcohol Research Programs		Direct	93.273	RAA025905 Waterloo	57,210	57,210
Alcohol Research Programs		Direct	93.273	RAA026596	37,848	50,765
Alcohol Research Programs		Direct	93.273	RAA026596	-	(2,567)
Alcohol Research Programs		Direct	93.273	RAA028597	-	89
Drug Abuse and Addiction Research Programs		Direct	93.279	FDA052118	-	11,485
Drug Abuse and Addiction Research Programs		Direct	93.279	KDA044279	-	221,971
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA015462	30,442	212,402
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA015462	-	37,189
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA042057	-	317,037
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA042057	-	55
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA042057	-	84,479
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA044946	-	88,433
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA044946	-	1,482
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA047662	-	127,674
Drug Abuse and Addiction Research Programs		Direct	93.279	RDA048125	-	34,429
Discovery and Applied Research for Technological Innovations to Improve Human Health		Direct	93.286	REB014772	-	20,404
Discovery and Applied Research for Technological Innovations to Improve Human Health		Direct	93.286	REB026453	-	168,008
Discovery and Applied Research for Technological Innovations to Improve Human Health		Direct	93.286	REB026453 Baylor	566,830	566,830
Discovery and Applied Research for Technological Innovations to Improve Human Health		Direct	93.286	REB027103	-	362,834
Discovery and Applied Research for Technological Innovations to Improve Human Health		Direct	93.286	REB027103	-	100,000
Discovery and Applied Research for Technological Innovations to Improve Human Health		Direct	93.286	REB030058	-	331,402
Minority Health and Health Disparities Research		Direct	93.307	RMD011465	22,490	27,118
Minority Health and Health Disparities Research		Direct	93.307	RMD011465	678	23,962
National Center for Advancing Translational Sciences		Direct	93.350	RTR003312	15,188	73,501
Research Infrastructure Programs		Direct	93.351	SOD028488	-	540,003
Research Infrastructure Programs		Direct	93.351	SOD030484	-	1,289,465
Nursing Research		Direct	93.361	RNR015768	829	190,308
Nursing Research		Direct	93.361	RNR015768	-	32,982
Nursing Research		Direct	93.361	RNR015768 Ascension Providence Hosp	19,276	19,276
Nursing Research		Direct	93.361	RNR019566	-	224
21st Century Cures Act - Precision Medicine Initiative		Direct	93.368	TCA009531-33	-	14,895
Cancer Cause and Prevention Research		Direct	93.393	RCA200718	51,249	401,144

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Number	Grant ID/Pass-through Entity Identifying Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Cancer Cause and Prevention Research		Direct	93.393	RCA200864	\$ 16,960	\$ 255,295
Cancer Cause and Prevention Research		Direct	93.393	RCA220137	10,950	70,272
Cancer Cause and Prevention Research		Direct	93.393	RCA220311	-	26,687
Cancer Cause and Prevention Research		Direct	93.393	RCA222939	-	63,789
Cancer Cause and Prevention Research		Direct	93.393	RCA232514	3,000	554,709
Cancer Cause and Prevention Research		Direct	93.393	RCA235541	-	166,643
Cancer Cause and Prevention Research		Direct	93.393	RCA240607	130,579	362,984
Cancer Cause and Prevention Research		Direct	93.393	RCA256423	-	105,737
Cancer Cause and Prevention Research		Direct	93.393	UCA199240-04	6,585	559,324
Cancer Cause and Prevention Research		Direct	93.393	UCA199240-04 Supplement	-	80,588
Cancer Cause and Prevention Research		Direct	93.393	UCA199240-05	-	1,071,560
Cancer Cause and Prevention Research		Direct	93.393	UCA199240-05 Carryforward	-	83,294
Cancer Detection and Diagnosis Research		Direct	93.394	RCA220482	-	410,759
Cancer Detection and Diagnosis Research		Direct	93.394	RCA220482	-	267,539
Cancer Detection and Diagnosis Research		Direct	93.394	RCA251068	-	278,837
Cancer Detection and Diagnosis Research		Direct	93.394	RCA252858	-	161,471
Cancer Detection and Diagnosis Research		Direct	93.394	UCA199240	-	47,558
Cancer Treatment Research		Direct	93.395	RCA053535	100,606	282,974
Cancer Treatment Research		Direct	93.395	RCA076340	-	155,029
Cancer Treatment Research		Direct	93.395	RCA076340	-	2,022
Cancer Treatment Research		Direct	93.395	RCA174949	-	73,949
Cancer Treatment Research		Direct	93.395	RCA199004	-	73,388
Cancer Treatment Research		Direct	93.395	RCA215427	-	278,891
Cancer Treatment Research		Direct	93.395	RCA229535	34,595	205,296
Cancer Treatment Research		Direct	93.395	RCA238139	-	20,417
Cancer Treatment Research		Direct	93.395	RCA238781	-	63,197
Cancer Treatment Research		Direct	93.395	RCA250469	143,791	282,454
Cancer Treatment Research		Direct	93.395	UCA233163-02	-	19,110
Cancer Treatment Research		Direct	93.395	UCA233163-02 sub	-	143,956
Cancer Treatment Research		Direct	93.395	UCA233163-03	-	27,338
Cancer Treatment Research		Direct	93.395	UCA233163-03 sub	-	413,486
Cancer Biology Research		Direct	93.396	RCA123362	-	63,825
Cancer Biology Research		Direct	93.396	RCA202917	33,934	252,984
Cancer Biology Research		Direct	93.396	RCA249376	-	128,646
Cancer Biology Research		Direct	93.396	RCA249484	-	16,189
Cancer Biology Research		Direct	93.396	RCA251394	-	389,398
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	64,249
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	34,501
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	8,732
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	11,839
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	82,985
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	207,621
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	20,891
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	18,466
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	59,259
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	9,548
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	10,313
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	70,939
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	6,578
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	48,294
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	33,691

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	\$ -	\$ 21,382
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	20,724
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	23,419
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	39,021
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	26,228
Cancer Centers Support Grants		Direct	93.397	PCA022453-38	-	42,100
Cancer Centers Support Grants		Direct	93.397	PCA022453-38 Supplement	-	43,273
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	124,487
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	108,642
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	46,905
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	83,180
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	403,594
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	415,101
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	81,647
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	180,324
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	40,799
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	145,600
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	28,421
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	42,709
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	44,288
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	39,490
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	31,205
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	46,984
Cancer Centers Support Grants		Direct	93.397	PCA022453-39	-	256,574
COVID-19 Cancer Centers Support Grants		Direct	93.397	PCA022453-39 COVID	-	24,309
Cancer Centers Support Grants		Direct	93.397	RCA222359	54,744	271,231
Cancer Research Manpower		Direct	93.398	FCA228221A-02	-	(3,045)
Cancer Research Manpower		Direct	93.398	FCA228221A-03	-	34,331
Cancer Research Manpower		Direct	93.398	FCA236245-01	-	(3,400)
Cancer Research Manpower		Direct	93.398	FCA236245-02	-	9,198
Cancer Research Manpower		Direct	93.398	FCA243215-02	-	28,996
Cancer Research Manpower		Direct	93.398	FCA247600-01	-	28,153
Cancer Research Manpower		Direct	93.398	FCA247600-02	-	2,178
Cancer Research Manpower		Direct	93.398	FCA250450-01	-	19,564
Cancer Research Manpower		Direct	93.398	FCA250450-02	-	15,016
Cancer Research Manpower		Direct	93.398	T32CA009531	-	15,133
Cancer Research Manpower		Direct	93.398	TCA009531-33	-	863
Cancer Research Manpower		Direct	93.398	TCA009531-34	-	204,539
ACL National Institute on Disability, Independent Living, and Rehabilitation Research		Direct	93.433	90DPTB0006-03	-	58,582
ACL National Institute on Disability, Independent Living, and Rehabilitation Research		Direct	93.433	90DPTB0006-04	-	356,818
ACL National Institute on Disability, Independent Living, and Rehabilitation Research		Direct	93.433	90DPTB0006-05	-	164
Welfare Reform Research, Evaluations and National Studies		Direct	93.595	90PE0044-01	-	8,669
Welfare Reform Research, Evaluations and National Studies		Direct	93.595	90PE0044-02	-	57,708
Mental and Behavioral Health Education and Training Grants		Direct	93.732	M01HP31389-04	-	396,728
Cardiovascular Diseases Research		Direct	93.837	HL120822B-02	-	70,537
Cardiovascular Diseases Research		Direct	93.837	HL120822B-03	-	70,248
Cardiovascular Diseases Research		Direct	93.837	KHL126842	-	29,494
Cardiovascular Diseases Research		Direct	93.837	RHL050710	-	324,993
Cardiovascular Diseases Research		Direct	93.837	RHL055473-21	-	389,698
Cardiovascular Diseases Research		Direct	93.837	RHL055473-22	-	255,464
Cardiovascular Diseases Research		Direct	93.837	RHL096787	-	90,363

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Cardiovascular Diseases Research		Direct	93.837	RHL096787	\$ -	\$(3,527)
Cardiovascular Diseases Research		Direct	93.837	RHL114097	109,023	158,641
Cardiovascular Diseases Research		Direct	93.837	RHL114097	-	79,339
Cardiovascular Diseases Research		Direct	93.837	RHL117880	-	312,224
Cardiovascular Diseases Research		Direct	93.837	RHL126706	-	111,167
Cardiovascular Diseases Research		Direct	93.837	RHL127691	63,202	84,642
Cardiovascular Diseases Research		Direct	93.837	RHL130552	6,654	150,271
Cardiovascular Diseases Research		Direct	93.837	RHL131740	-	337,567
Cardiovascular Diseases Research		Direct	93.837	RHL133506	-	108,245
Cardiovascular Diseases Research		Direct	93.837	RHL133506	43,215	392,265
Cardiovascular Diseases Research		Direct	93.837	RHL133506 Univ of Massachusetts	22,596	22,596
Cardiovascular Diseases Research		Direct	93.837	RHL134787	187,029	412,931
Cardiovascular Diseases Research		Direct	93.837	RHL136456	-	156,388
Cardiovascular Diseases Research		Direct	93.837	RHL138007	-	15,509
Cardiovascular Diseases Research		Direct	93.837	RHL142956	-	536,668
Cardiovascular Diseases Research		Direct	93.837	RHL142956	-	6,673
Cardiovascular Diseases Research		Direct	93.837	RHL148060	-	171,813
Cardiovascular Diseases Research		Direct	93.837	RHL148089	-	105,668
Cardiovascular Diseases Research		Direct	93.837	RHL150474	23,405	385,222
Cardiovascular Diseases Research		Direct	93.837	RHL151497	-	927
Cardiovascular Diseases Research		Direct	93.837	RHL151738	10,523	137,993
Cardiovascular Diseases Research		Direct	93.837	RHL153377	-	154,774
Lung Diseases Research		Direct	93.838	RHL133162	(14,954)	(1,053)
Lung Diseases Research		Direct	93.838	RHL138633	-	245,678
Lung Diseases Research		Direct	93.838	RHL138633 CMU	14,894	14,894
Lung Diseases Research		Direct	93.838	RHL138633 Wayne Children		
Lung Diseases Research		Direct	93.838	Healthcare	208,880	208,880
Lung Diseases Research		Direct	93.838	RHL138633 Yale	17,939	17,939
Lung Diseases Research		Direct	93.838	RHL154032	-	85,016
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	DP2DK111910	-	161,449
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	FDK116529	-	13,447
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	FDK116529	-	16,053
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	FDK116536	-	13,685
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	KDK118199	-	209,584
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	KDK118199 Supplement	-	18,537
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	KDK123192	-	44,679
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK062292	-	282,656
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK076629	-	263,598
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK076629	-	7,048
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK076629	-	196,817
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK090313	28,542	199,435
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK105963	-	51,604
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK106540	20,549	326,705
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK106540 Texas A&M	104,626	104,626
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK109036	-	180,289
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK110075	239,711	622,425
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK110075	8,253	85,031
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK110314	-	234,826
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK110314	-	36,016
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK114471	-	101,152
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK116901	-	519,871
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDK119222	-	360,038

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk123266	\$ -	\$ 4,830
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk123293	-	498,625
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk124612	-	10,385
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk126743	-	247
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk126908	-	43,954
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk128937	-	107,545
Diabetes, Digestive, and Kidney Diseases Extramural Research		Direct	93.847	RDk121812	22,054	376,656
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	FNS115279	-	42,886
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS041922	-	222,186
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS064033	-	78,420
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS066927	-	20
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS079429	-	160,395
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS079429	-	32,148
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS086778	84,709	389,754
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS086778	-	140,031
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS089659	-	84,134
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS089659	-	51,624
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS094570	88,134	362,739
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS094570	-	24,770
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS094570 Univ of Manitoba	18,477	18,477
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS112443	23,889	278,286
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS114972	113,551	503,557
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS115748	38,712	427,082
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS117146	70,710	192,977
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS117146	53,834	67,334
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS118227	-	111,367
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS121276	-	6,559
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS121276	-	8,567
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	RNS123147	-	15,041
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	UNS100680	-	100,270
Extramural Research Programs in the Neurosciences and Neurological Disorders		Direct	93.853	UNS100680	-	41,772
Allergy and Infectious Diseases Research		Direct	93.855	RAI118992	-	78,508
Allergy and Infectious Diseases Research		Direct	93.855	RAI121400	43,287	245,075
Allergy and Infectious Diseases Research		Direct	93.855	RAI135583	-	128,651
Allergy and Infectious Diseases Research		Direct	93.855	RAI138089	-	142,877
Allergy and Infectious Diseases Research		Direct	93.855	RAI140033	81,325	119,691
Allergy and Infectious Diseases Research		Direct	93.855	RAI144708	-	105,843
Allergy and Infectious Diseases Research		Direct	93.855	RAI145829	-	432,321
Allergy and Infectious Diseases Research		Direct	93.855	RAI148544	-	225,384
Allergy and Infectious Diseases Research		Direct	93.855	RAI151033	-	247,829
Allergy and Infectious Diseases Research		Direct	93.855	RAI163045	-	12,299
Allergy and Infectious Diseases Research		Direct	93.855	RAI27390A	47,940	379,097
Biomedical Research and Research Training		Direct	93.859	RGM140352	-	1,479
Biomedical Research and Research Training		Direct	93.859	FGM131580	-	16,406
Biomedical Research and Research Training		Direct	93.859	FGM131580	-	19,341
Biomedical Research and Research Training		Direct	93.859	RGM058905	-	119,067
Biomedical Research and Research Training		Direct	93.859	RGM058905	-	561,279
Biomedical Research and Research Training		Direct	93.859	RGM079529	-	965
Biomedical Research and Research Training		Direct	93.859	RGM093110	-	108,143
Biomedical Research and Research Training		Direct	93.859	RGM098285	56,784	307,917
Biomedical Research and Research Training		Direct	93.859	RGM098285	-	240,036

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Biomedical Research and Research Training		Direct	93.859	RGM109215	\$ 8,620	\$ 314,000
Biomedical Research and Research Training		Direct	93.859	RGM116807	-	253,122
Biomedical Research and Research Training		Direct	93.859	RGM121061	-	29,850
Biomedical Research and Research Training		Direct	93.859	RGM124733	-	361,797
Biomedical Research and Research Training		Direct	93.859	RGM125082	-	244,098
Biomedical Research and Research Training		Direct	93.859	RGM129475	82,356	333,824
Biomedical Research and Research Training		Direct	93.859	RGM131821	-	458,055
Biomedical Research and Research Training		Direct	93.859	RGM134715	146,677	276,975
Biomedical Research and Research Training		Direct	93.859	RGM136968	-	538,829
Biomedical Research and Research Training		Direct	93.859	RGM137278	-	134,675
Biomedical Research and Research Training		Direct	93.859	RGM142566	-	699
Biomedical Research and Research Training		Direct	93.859	RGM142590	-	109,139
Biomedical Research and Research Training		Direct	93.859	RGM142637	-	147,548
Biomedical Research and Research Training		Direct	93.859	TGM139807	-	120,736
Biomedical Research and Research Training		Direct	93.859	TGM139807	-	791
Biomedical Research and Research Training		Direct	93.859	TGM140932	-	11,268
Biomedical Research and Research Training		Direct	93.859	TGM142519	-	19,530
Child Health and Human Development Extramural Research		Direct	93.865	KHD001254	-	12,541
Child Health and Human Development Extramural Research		Direct	93.865	KHD001254	-	85,139
Child Health and Human Development Extramural Research		Direct	93.865	RHD072591	-	39,097
Child Health and Human Development Extramural Research		Direct	93.865	RHD089000	-	30,036
Child Health and Human Development Extramural Research		Direct	93.865	RHD092956	20,419	38,848
Child Health and Human Development Extramural Research		Direct	93.865	RHD099178	31,341	443,415
Child Health and Human Development Extramural Research		Direct	93.865	RHD099178	83,576	90,624
Child Health and Human Development Extramural Research		Direct	93.865	RHD099700	20,191	72,417
Child Health and Human Development Extramural Research		Direct	93.865	RHD101662	5,219	27,205
Child Health and Human Development Extramural Research		Direct	93.865	UHD021385	-	455
Child Health and Human Development Extramural Research		Direct	93.865	UHD021385	-	1,123
Child Health and Human Development Extramural Research		Direct	93.865	UHD050096	-	(5,837)
Child Health and Human Development Extramural Research		Direct	93.865	UHD050096 Supplement	-	60,134
Aging Research		Direct	93.866	RAG011230	-	449,641
Aging Research		Direct	93.866	RAG011230 Supplement	-	2,898
Aging Research		Direct	93.866	RAG050741	-	10,629
Aging Research		Direct	93.866	RAG054363	33,497	33,497
Aging Research		Direct	93.866	RAG054363 John Hopkins	12,640	12,640
Aging Research		Direct	93.866	RAG054484	186,789	524,042
Aging Research		Direct	93.866	RAG058171	105,628	218,287
Aging Research		Direct	93.866	RAG058171	129,424	129,424
Aging Research		Direct	93.866	RAG058171	75,343	75,343
Aging Research		Direct	93.866	RAG058171	86,483	86,483
Aging Research		Direct	93.866	RAG059160	-	86,875
Aging Research		Direct	93.866	RAG060822	15,250	161,927
Aging Research		Direct	93.866	RAG063087	-	46,939
Aging Research		Direct	93.866	RAG064217	-	107,412
Aging Research		Direct	93.866	RAG067405	-	6,140
Aging Research		Direct	93.866	RAG068423	-	217,912
Aging Research		Direct	93.866	RAG069477	14,205	52,239
Vision Research		Direct	93.867	FEY025923	-	22,987
Vision Research		Direct	93.867	FEY031142-01	-	23,942
Vision Research		Direct	93.867	FEY031142-02	-	15,837
Vision Research		Direct	93.867	PEY004068-36	-	3,909

Schedule of Expenditures of Federal Awards (Continued)

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Vision Research		Direct	93.867	PEY004068-37	\$ -	\$ 446,371
Vision Research		Direct	93.867	PEY004068-38	-	216
Vision Research		Direct	93.867	REY010869	-	433,523
Vision Research		Direct	93.867	REY014370	-	317,633
Vision Research		Direct	93.867	REY016058	-	5,000
Vision Research		Direct	93.867	REY016058	-	399,312
Vision Research		Direct	93.867	REY017313	-	258,209
Vision Research		Direct	93.867	REY017960	13,056	239,335
Vision Research		Direct	93.867	REY022230	-	289,168
Vision Research		Direct	93.867	REY023992	-	201,742
Vision Research		Direct	93.867	REY026059	-	319,178
Vision Research		Direct	93.867	REY026059 Supplement	-	(9,624)
Vision Research		Direct	93.867	REY026551	-	350,524
Vision Research		Direct	93.867	REY026551	-	6,712
Vision Research		Direct	93.867	REY026584	14,163	84,289
Vision Research		Direct	93.867	REY026964	72,309	277,708
Vision Research		Direct	93.867	REY026964 Supplement	-	51,177
Vision Research		Direct	93.867	REY027381	-	426,435
Vision Research		Direct	93.867	REY028442	-	406,351
Vision Research		Direct	93.867	REY028915	-	391,962
Vision Research		Direct	93.867	REY028915	-	153,592
Vision Research		Direct	93.867	REY029690	-	412,388
Vision Research		Direct	93.867	REY029709	-	310,998
Vision Research		Direct	93.867	REY029836	-	326,531
Vision Research		Direct	93.867	REY030129	-	301,338
Vision Research		Direct	93.867	REY030284	-	177,568
Vision Research		Direct	93.867	REY031526	-	172,785
Vision Research		Direct	93.867	REY031690	-	11,305
Vision Research		Direct	93.867	REY032917	-	22,414
The Zika Health Care Services Program		Direct	93.966	RAG059683	-	479,780
Assessment of Elastometric Respirators in Healthcare Delivery Settings		Direct	93.RD	75D30118C02647	-	30,533
Assessment of Elastometric Respirators in Healthcare Delivery Settings		Direct	93.RD	75D30118C02647	-	24,671
Enhancing U.S. Surveillance of Laboratory Confirmed SARS-CoV-2, Influenza, and other Respiratory Viruses through a Network of Emergency Departments		Direct	93.RD	75D30121C11813	-	60
National Cord Blood Inventory, Fifth Cohort		Direct	93.RD	HHSN250201000014C	-	11,164
Services in Support of the Perinatal Research Branch Activity #1		Direct	93.RD	HHSN275201300006C Activity #1	224,523	1,685,938
Services in Support of the Perinatal Research Branch Activity #2		Direct	93.RD	HHSN275201300006C Activity #2	-	3,456,020
Services in Support of the Perinatal Research Branch Activity #3		Direct	93.RD	HHSN275201300006C Activity #3	-	1,073,208
Services in Support of the Perinatal Research Branch Activity #1		Direct	93.RD	HHSN275201300006C Activity #4	-	1,722,922
Services in Support of the Perinatal Research Branch Activity #4		Direct	93.RD	HHSN275201300006C Activity #5	-	3,793,282
Services in Support of the Perinatal Research Branch Activity #6		Direct	93.RD	HHSN275201300006C Activity #6	-	2,302,621
Services in Support of the Perinatal Research Branch Activity #8		Direct	93.RD	HHSN275201300006C Activity #8	-	299,892
Services in Support of the Perinatal Research Branch Space Allocation		Direct	93.RD	HHSN275201300006C Space Allocation	-	1,350,000
Birth Defects and Developmental Disabilities - Prevention and Surveillance	Henry Ford Health Systems	Pass Through	93.073	PO#0012588630/B11191_WSU	-	(1,203)
Environmental Health	New York University, School Of Medicine	Pass Through	93.113	PO M210388534 20-00-001004434	-	73,134
Environmental Health	New York University, School Of Medicine	Pass Through	93.113	PO M210388534 P#115883	-	2,754
Environmental Health	Reproductive Stress, Measurement, Mechanisms & Management	Pass Through	93.113	PRIMER41ES028991	-	107,719
Environmental Health	The University of Massachusetts, Amherst	Pass Through	93.113	18-010120-A01	-	20,036
Environmental Health	The University of Massachusetts, Amherst	Pass Through	93.113	19-010627-C	-	12,831
Oral Diseases and Disorders Research	University of Texas Rio Grande Valley	Pass Through	93.121	1R01DE301117 (02)	-	924
Injury Prevention and Control Research and State and Community Based Programs	Indiana State Department of Health	Pass Through	93.136	SCM #38458 0020003660	45,912	262,273
Injury Prevention and Control Research and State and Community Based Programs	University of Pittsburgh	Pass Through	93.136	AWD00001301 (133636-1)	-	1,882

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Injury Prevention and Control Research and State and Community Based Programs	University of Pittsburgh	Pass Through	93.136	AWD00001301 (135726-1)	\$ -	\$ 21,672
Research Related to Deafness and Communication Disorders	Vanderbilt University Medical Center	Pass Through	93.173	VUMC 69177	11,438	131,295
Graduate Psychology Education	Children's Hospital of Michigan	Pass Through	93.191	HRSA GRANT # D40HP33377	-	7,146
Research and Training in Complementary and Integrative Health	Case Western Reserve University	Pass Through	93.213	SUBAWARD RESS14846	-	15,537
Research on Healthcare Costs, Quality and Outcomes	Central Texas Veterans Research Foundation - CTVRF	Pass Through	93.226	AHRQR03PC	-	5,705
Research on Healthcare Costs, Quality and Outcomes	Indiana University	Pass Through	93.226	PO# 0044803 5R01HS025411 2020	-	(998)
Research on Healthcare Costs, Quality and Outcomes	Indiana University	Pass Through	93.226	PO# 0044803 5R01HS025411 2021	-	7,449
Research on Healthcare Costs, Quality and Outcomes	University of Michigan	Pass Through	93.226	3004552727	-	900
National Center on Sleep Disorders Research	The Ohio State University	Pass Through	93.233	60073568	-	929
National Center on Sleep Disorders Research	The Ohio State University	Pass Through	93.233	60078522	-	11,417
National Center on Sleep Disorders Research	University of Miami	Pass Through	93.233	SPC-001030	-	21,940
Mental Health Research Grants	Board of Trustees of Michigan State University	Pass Through	93.242	RC107692WSU	-	(923)
Mental Health Research Grants	Boston University	Pass Through	93.242	4500003535	-	132,546
Mental Health Research Grants	Brown University	Pass Through	93.242	00001683	-	30,081
Mental Health Research Grants	Cleveland Clinic Lerner College of Medicine-CWRU	Pass Through	93.242	1018-SUB	-	32,878
Mental Health Research Grants	Michigan State University	Pass Through	93.242	RC109838WSU	-	169,917
Mental Health Research Grants	New York University, School Of Medicine	Pass Through	93.242	19-A0-00-1003397 P#114450 2021	-	105,470
Mental Health Research Grants	New York University, School Of Medicine	Pass Through	93.242	PO M190210045 P#112530	-	(928)
Mental Health Research Grants	New York University, School Of Medicine	Pass Through	93.242	PO M200368390 P#114450 2022	-	162,552
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5115595	-	4,450
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5115597	-	19,441
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5115598	-	60
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5115599	-	3,380
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5115920	-	15,996
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5119168	-	4,582
Mental Health Research Grants	The University of North Carolina	Pass Through	93.242	SUB 5119170	-	6,092
Mental Health Research Grants	University of Pittsburgh	Pass Through	93.242	CNVA0060500 (131410-1)	-	38,101
Mental Health Research Grants	Virginia Commonwealth University	Pass Through	93.242	FP000009885_SA001	-	36,902
Substance Abuse and Mental Health Services Projects of Regional and National Significance	Erise Williams and Associates, INC, (WA, Inc)	Pass Through	93.243	5H79SP021734-02	-	25,591
Substance Abuse and Mental Health Services Projects of Regional and National Significance	Erise Williams and Associates, INC, (WA, Inc)	Pass Through	93.243	5H79TI080742-02	-	24,722
Alcohol Research Programs	Columbia University	Pass Through	93.273	1 GG015841	-	148,921
Alcohol Research Programs	The Regents of The University of Colorado Denver	Pass Through	93.273	SUB00011716	-	964
Drug Abuse and Addiction Research Programs	Baylor College of Medicine	Pass Through	93.279	SUBAWARD # 1001194-02	-	6,552
Drug Abuse and Addiction Research Programs	Icahn School of Medicine at Mount Sinai	Pass Through	93.279	0225-C601-4609 2021	-	159,416
Drug Abuse and Addiction Research Programs	Icahn School of Medicine at Mount Sinai	Pass Through	93.279	0225-C601-4609 2022	-	39,407
Drug Abuse and Addiction Research Programs	Icahn School of Medicine at Mount Sinai	Pass Through	93.279	0255-C601-4609 2020	-	1,817
Drug Abuse and Addiction Research Programs	Indiana University	Pass Through	93.279	SUB 8236-WSU	-	425
Drug Abuse and Addiction Research Programs	Northwestern University	Pass Through	93.279	60058507WSU	-	9,937
Drug Abuse and Addiction Research Programs	Rulo Strategies, LLC	Pass Through	93.279	5U2CDA050097	-	16,010
Drug Abuse and Addiction Research Programs	University of Utah	Pass Through	93.279	10054256-01 U000268208	-	41,518
Drug Abuse and Addiction Research Programs	University of Utah	Pass Through	93.279	10054256-04 U000311182	-	20,308
Drug Abuse and Addiction Research Programs	Yale University	Pass Through	93.279	GR109746(CON-80002434)	-	113,355
Drug Abuse and Addiction Research Programs	Yale University	Pass Through	93.279	GR113154(CON-80003035)	-	156,310
Discovery and Applied Research for Technological Innovations to Improve Human Health	North Carolina State University	Pass Through	93.286	2020-0679-02	-	55,517
Discovery and Applied Research for Technological Innovations to Improve Human Health	The Board of Trustees of the University of Illinois	Pass Through	93.286	SUB 17645	-	210,628
Minority Health and Health Disparities Research	Medical University of South Carolina	Pass Through	93.307	A002-2741-S004	-	1,572
Minority Health and Health Disparities Research	Medical University of South Carolina	Pass Through	93.307	MUSC 16-070-8C128	-	34,842
Minority Health and Health Disparities Research	Morgan State University	Pass Through	93.307	MSU-WSU-13376	-	23,373
Minority Health and Health Disparities Research	University of Central Florida	Pass Through	93.307	26036A01-02	-	241,378
Minority Health and Health Disparities Research	University of Central Florida	Pass Through	93.307	26036A04	-	4,090
Minority Health and Health Disparities Research	University of Central Florida	Pass Through	93.307	26036A05	-	6,581



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Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing		Grant ID/Pass-through Entity Identifying	Total Amount Provided to Subrecipients	Federal Expenditures
			Number	Number			
Research and Development Cluster (continued):							
Department of Health and Human Services (continued):							
Trans-NIH Research Support	Board of Trustees of Michigan State University	Pass Through	93.310		RC108889WSU	\$ -	\$ 336,048
Trans-NIH Research Support	Board of Trustees of Michigan State University	Pass Through	93.310		RC108889WSU	-	2,374
Trans-NIH Research Support	Board of Trustees of Michigan State University	Pass Through	93.310		RC111560A	-	167,588
Trans-NIH Research Support	Board of Trustees of Michigan State University	Pass Through	93.310		RG100983-WSU	-	24,000
Trans-NIH Research Support	Central Michigan University	Pass Through	93.310		F64627	-	95,850
Trans-NIH Research Support	Duke Clinical Research Institute	Pass Through	93.310		SUB A032483	-	1,260
Trans-NIH Research Support	University of Detroit Mercy	Pass Through	93.310		BUILD_Y7WSU	-	165,547
Trans-NIH Research Support	University of Detroit Mercy	Pass Through	93.310		BUILD_Y7WSU	-	329,938
Trans-NIH Research Support	University of Detroit Mercy	Pass Through	93.310		BUILD_Y7WSU	-	12,119
Trans-NIH Research Support	University of Detroit Mercy	Pass Through	93.310		BUILD_Y7WSU	-	3,999
Trans-NIH Research Support	University of Detroit Mercy	Pass Through	93.310		BUILD_Y8WSU	-	49,875
Trans-NIH Research Support	University of Detroit Mercy	Pass Through	93.310		BUILD_Y8WSU	-	73,251
Trans-NIH Research Support	University of Georgia	Pass Through	93.310		SUB00002320	-	(132)
Trans-NIH Research Support	University of Michigan	Pass Through	93.310		SUBK00012479	-	9,729
Trans-NIH Research Support	University of Michigan	Pass Through	93.310		SUBK00012479	-	4,061
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	State of Michigan Dept of Health & Human Services	Pass Through	93.323		E20215082 FED 100%	-	214,513
COVID-19 National Center for Advancing Translational Sciences	New York University, School Of Medicine	Pass Through	93.350		0T2HL156812	-	15,252
Nursing Research	Board of Trustees of Michigan State University	Pass Through	93.361		RC110324WSU	-	71,471
Nursing Research	Michigan State University	Pass Through	93.361		RC111387D	-	92,874
Nursing Research	The Regents of The University of Colorado Denver	Pass Through	93.361		SUB1560553	-	1,736
21st Century Cures Act - Precision Medicine Initiative	American Association of Colleges of Nursing	Pass Through	93.368		OT20D028404	-	7,786
Cancer Cause and Prevention Research	Baylor College of Medicine	Pass Through	93.393		PO 7000001131	-	19,039
Cancer Cause and Prevention Research	Baylor College of Medicine	Pass Through	93.393		PO 7000001329	-	35,937
Cancer Cause and Prevention Research	Emory University	Pass Through	93.393		A359448	-	70,815
Cancer Cause and Prevention Research	Emory University	Pass Through	93.393		A359448	-	19,608
Cancer Cause and Prevention Research	Fred Hutchinson Cancer Research Center	Pass Through	93.393		SUB 0001033753	-	5,333
Cancer Cause and Prevention Research	University of Southern California	Pass Through	93.393		107857676 2021	-	107,773
Cancer Cause and Prevention Research	University of Southern California	Pass Through	93.393		107857676 2022	-	44,445
Cancer Cause and Prevention Research	University Of Texas, M D Anderson Cancer Center	Pass Through	93.393		3001540733	-	23,394
Cancer Detection and Diagnosis Research	Mayo Clinic	Pass Through	93.394		PO 67545214/WSU-272738-00	-	24,858
Cancer Detection and Diagnosis Research	Mayo Clinic	Pass Through	93.394		PO 68049383/WSU-272738-01	-	7,723
Cancer Detection and Diagnosis Research	University of Pittsburgh	Pass Through	93.394		AWD00002726 (134952-1)	-	36,380
Cancer Treatment Research	Children's Hospital of Philadelphia	Pass Through	93.395		GRANT NO.: 2U10CA180886-06	-	792
Cancer Treatment Research	Children's Hospital of Philadelphia	Pass Through	93.395		PO #20098538	-	8,239
Cancer Treatment Research	ECOG-ACRIN Medical Research Foundation, Inc	Pass Through	93.395		U10CA180820-06-WST1C 2021	-	6,064
Cancer Treatment Research	ECOG-ACRIN Medical Research Foundation, Inc	Pass Through	93.395		U10CA180820-06-WST1C 2022	-	10,486
Cancer Treatment Research	Flag Therapeutics, Inc	Pass Through	93.395		PRIME: R44CA221543	-	55,044
Cancer Treatment Research	Indiana University	Pass Through	93.395		SUB 8435	-	172,078
Cancer Treatment Research	Medical College of Wisconsin	Pass Through	93.395		PO 6153686	-	4,424
Cancer Treatment Research	Oregon Health Sciences University	Pass Through	93.395		1013080_WAYNE_FLAHERTY	-	8,274
Cancer Treatment Research	Oregon Health Sciences University	Pass Through	93.395		1013080_WAYNE_FLAHERTY	-	666
Cancer Treatment Research	Oregon Health Sciences University	Pass Through	93.395		1013080_WAYNE_PHILIP	-	25,966
Cancer Treatment Research	Oregon Health Sciences University	Pass Through	93.395		1013080_WAYNE_PHILIP	-	54,050
Cancer Treatment Research	Oregon Health Sciences University	Pass Through	93.395		SWOG	-	47,191
Cancer Treatment Research	Vanderbilt University Medical Center	Pass Through	93.395		VUMC 82552	-	24,112
Cancer Treatment Research	Vanderbilt University Medical Center	Pass Through	93.395		VUMC 82552	-	34,261
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397		3005828699 SUBK00012354 2020	-	11,484
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397		3005834491 SUBK00012353 2020	-	16,127
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397		3005891519 SUBK00009846	-	8,482
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397		3006207958 SUBK00012353 2021	-	31,260
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397		3006215174 SUBK00009846	-	71,365

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Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing		Total Amount Provided to Subrecipients	Federal Expenditures
			Grant ID/Pass-through Entity Identifying Number	Number		
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397	3006215216 SUBK00012354 2021	\$ -	\$ 47,408
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397	SPORE Admin Core 2022	-	3,081
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397	SPORE Biostats Core 2022	-	2,264
Cancer Centers Support Grants	University of Michigan	Pass Through	93.397	SPORE Project 2 2022	-	1,082
Cancer Control	Alliance NCTN Foundation	Pass Through	93.399	202010114	-	37,660
Cancer Control	Cancer Therapy and Research Foundation of South Texas/Southw	Pass Through	93.399	SWOG	-	55,189
Cancer Control	NRG Oncology Foundation, Inc.	Pass Through	93.399	NCORP-GOGOI-GY7	-	2,045
Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	Association of University Centers on Disabilities	Pass Through	93.421	02-20-7844	-	2,743
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	Craig Hospital	Pass Through	93.433	2694 RIMBY2	-	12,180
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	Craig Hospital	Pass Through	93.433	2694 RIMBY3	-	25,378
COVID-19 Emergency Grants to Address Mental and Substance Use Disorders During COVID-19	Indiana Family and Social Services-DMHA	Pass Through	93.665	#0000000000000000000043128	-	35,219
Child Abuse and Neglect Discretionary Activities	Indiana University	Pass Through	93.670	SUB 8995	-	1,994
Opioid STR	Board of Trustees of Michigan State University	Pass Through	93.788	RC110780WSU	-	27,132
Opioid STR	Community Foundation for Southeast Michigan	Pass Through	93.788	#2019-2709	-	88,031
Opioid STR	Indiana Family and Social Services-DMHA	Pass Through	93.788	#0000000000000000000050489	-	19,929
Opioid STR	Utah State University	Pass Through	93.788	SUBK BRIDGING HARM 2022	-	3,092
Opioid STR	Utah State University	Pass Through	93.788	SUBK202007-753	-	16,122
Opioid STR	Utah State University	Pass Through	93.788	SUBK203168-712 2021	-	27,518
Cardiovascular Diseases Research	Albert Einstein College Of Medicine	Pass Through	93.837	PO # P0844153	-	429
Cardiovascular Diseases Research	Case Western Reserve University	Pass Through	93.837	SUBAWARD RES514117	-	6,683
Cardiovascular Diseases Research	Indiana University	Pass Through	93.837	IN4683537WSU 2020	-	673
Cardiovascular Diseases Research	Medical University of South Carolina	Pass Through	93.837	A21-0301-3002	-	1,947
Cardiovascular Diseases Research	University of Cincinnati	Pass Through	93.837	012268-005	-	16,876
Cardiovascular Diseases Research	University of Michigan	Pass Through	93.837	3005096798 3004031871	-	69,259
Cardiovascular Diseases Research	University of Michigan	Pass Through	93.837	3005096798 3004031871	-	16,690
Cardiovascular Diseases Research	Vanderbilt University Medical Center	Pass Through	93.837	VUMC 93497	-	9,859
Lung Diseases Research	Henry Ford Health System	Pass Through	93.838	B11194_WSU	-	58,970
COVID-19 Lung Diseases Research	University of Michigan	Pass Through	93.838	3006231909 SUBK00013874	-	8,923
Blood Diseases and Resources Research	Duke University	Pass Through	93.839	SUB 2037978	-	28,244
Blood Diseases and Resources Research	University of Iowa	Pass Through	93.839	S00665-02	-	(548)
Blood Diseases and Resources Research	University of Iowa	Pass Through	93.839	S00665-03	-	26,362
Blood Diseases and Resources Research	Versiti Wisconsin, Inc	Pass Through	93.839	1001023-5	-	351
Blood Diseases and Resources Research	Versiti Wisconsin, Inc	Pass Through	93.839	10012983-5-WAYNE	-	233
Diabetes, Digestive, and Kidney Diseases Extramural Research	Children's Hospital of Philadelphia	Pass Through	93.847	3301820719/ROUTE KEY: 33018207	-	1,881
Diabetes, Digestive, and Kidney Diseases Extramural Research	Children's Hospital of Philadelphia	Pass Through	93.847	ACTIVITY#3301820718-P (A11)	-	1,000
Diabetes, Digestive, and Kidney Diseases Extramural Research	Children's Hospital of Philadelphia	Pass Through	93.847	ACTIVITY#3301820720	-	1,154
Diabetes, Digestive, and Kidney Diseases Extramural Research	Nationwide Children's Hospital, Columbus	Pass Through	93.847	700198-0620-00	-	165
Diabetes, Digestive, and Kidney Diseases Extramural Research	University of Michigan	Pass Through	93.847	3004918538	-	10,178
Diabetes, Digestive, and Kidney Diseases Extramural Research	University of Michigan	Pass Through	93.847	3005284102 SUBK00008379 2020	-	(2)
Diabetes, Digestive, and Kidney Diseases Extramural Research	University of Michigan	Pass Through	93.847	3005284102 SUBK00008379 2021	-	71,581
Diabetes, Digestive, and Kidney Diseases Extramural Research	University of Michigan	Pass Through	93.847	3005893892 SUBK00012513	-	28,849
Diabetes, Digestive, and Kidney Diseases Extramural Research	University of Michigan	Pass Through	93.847	SUBK00008379 2022	-	13,868
Diabetes, Digestive, and Kidney Diseases Extramural Research	University of South Florida	Pass Through	93.847	SITE 3480	-	5,282
Extramural Research Programs in the Neurosciences and Neurological Disorders	Augusta University	Pass Through	93.853	33880-7	-	9,993
Extramural Research Programs in the Neurosciences and Neurological Disorders	Emory University	Pass Through	93.853	A374765	-	15,938
Extramural Research Programs in the Neurosciences and Neurological Disorders	Free Flow Medical Devices	Pass Through	93.853	1R41NS103704-01A1	-	15,655
Extramural Research Programs in the Neurosciences and Neurological Disorders	Free Flow Medical Devices	Pass Through	93.853	2R42NW103704-02A1	-	67,714
Extramural Research Programs in the Neurosciences and Neurological Disorders	Henry Ford Health System	Pass Through	93.853	PO # 0013264578	-	216,471
Extramural Research Programs in the Neurosciences and Neurological Disorders	Medical University of South Carolina	Pass Through	93.853	A19-0119-S001	-	30,933
Extramural Research Programs in the Neurosciences and Neurological Disorders	Mitovation, Inc	Pass Through	93.853	MITO18002	-	(2,644)
Extramural Research Programs in the Neurosciences and Neurological Disorders	Mitovation, Inc	Pass Through	93.853	MITO18002-02	-	156,998

## Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal Expenditures
			Number	Number	Provided to Subrecipients	
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Extramural Research Programs in the Neurosciences and Neurological Disorders	New York University	Pass Through	93.853	PO M190201816 P#110614 2021	\$ -	\$ 276,502
Extramural Research Programs in the Neurosciences and Neurological Disorders	New York University	Pass Through	93.853	PO M190201816 P#110614 2022	-	36,490
Extramural Research Programs in the Neurosciences and Neurological Disorders	The Regents of the University of California, San Francisco	Pass Through	93.853	SUBAWARD # 11541SC-2	11,606	66,849
Extramural Research Programs in the Neurosciences and Neurological Disorders	The Regents of the University of California, San Francisco	Pass Through	93.853	SUBAWARD # 11541SC-4	-	9,629
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of California, San Francisco	Pass Through	93.853	SUB 11541SC	-	(409)
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Cincinnati	Pass Through	93.853	010785-133404	-	852
COVID -19 Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	SUBK00008524	239,700	225,345
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	3003603781	-	3,802
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	3004601384	-	23,039
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	50002957 3002111995-SHN	-	(1,000)
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	SUBK00009084	3,500	4,382
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	SUBK00012340	5,000	46,446
Extramural Research Programs in the Neurosciences and Neurological Disorders	University of Michigan	Pass Through	93.853	SUBK00013764	-	643
Allergy and Infectious Diseases Research	Fred Hutchinson Cancer Research Center	Pass Through	93.855	SUB 0001041524	-	814,074
COVID-19 Allergy and Infectious Diseases Research	Fred Hutchinson Cancer Research Center	Pass Through	93.855	SUB 0001068946	-	5,227
COVID-19 Allergy and Infectious Diseases Research	Fred Hutchinson Cancer Research Center	Pass Through	93.855	SUB 0001041459	-	125,992
Allergy and Infectious Diseases Research	Lundquist Instit. for Biomedical Innovation at Harbor	Pass Through	93.855	30924-WS/PO 21003903	-	113,938
Allergy and Infectious Diseases Research	University of California, Los Angeles	Pass Through	93.855	30924-WS	-	6,557
Allergy and Infectious Diseases Research	University of Nevada	Pass Through	93.855	GR05668	-	17,348
Allergy and Infectious Diseases Research	University of Tennessee	Pass Through	93.855	SUB 21-3921-WSU	-	5,166
Allergy and Infectious Diseases Research	University of Wisconsin	Pass Through	93.855	SUB AWARD 000000247	-	23
Allergy and Infectious Diseases Research	Yale University	Pass Through	93.855	GR107448 (CON-80001898)	-	16,600
Biomedical Research and Research Training	Northwestern University	Pass Through	93.859	60053087 WSU	-	5,402
Biomedical Research and Research Training	Northwestern University	Pass Through	93.859	60054209 WSU	-	1,406
Biomedical Research and Research Training	Washington University	Pass Through	93.859	R01GM113838	-	500
Child Health and Human Development Extramural Research	Florida State University	Pass Through	93.865	R000002548	-	416
Child Health and Human Development Extramural Research	Florida State University	Pass Through	93.865	R000002672	-	58,954
Child Health and Human Development Extramural Research	Florida State University	Pass Through	93.865	R000002883	-	349,517
Child Health and Human Development Extramural Research	Florida State University	Pass Through	93.865	R000002884	-	21,559
Child Health and Human Development Extramural Research	Florida State University	Pass Through	93.865	R02149	-	(924)
Child Health and Human Development Extramural Research	Research Triangle Institute	Pass Through	93.865	0216651	-	112,869
Child Health and Human Development Extramural Research	The University of North Carolina	Pass Through	93.865	SUB 5108782	-	18,924
Child Health and Human Development Extramural Research	The University of North Carolina	Pass Through	93.865	SUB 5114042	-	5,780
Child Health and Human Development Extramural Research	The University of North Carolina	Pass Through	93.865	SUB 5117562	-	24,225
Child Health and Human Development Extramural Research	The University of North Carolina	Pass Through	93.865	SUB 5117576	-	15,821
Child Health and Human Development Extramural Research	The University of North Carolina	Pass Through	93.865	SUB 5117578	-	21,602
Child Health and Human Development Extramural Research	The University of North Carolina	Pass Through	93.865	SUB 5117864	-	40,726
Child Health and Human Development Extramural Research	University of Massachusetts, Worcester	Pass Through	93.865	OSP2018102 PO#WA00740130	-	54,606
Child Health and Human Development Extramural Research	University of Rochester	Pass Through	93.865	417424G UR FAO GR510849	-	47,064
Child Health and Human Development Extramural Research	University of Utah	Pass Through	93.865	10035609-CHOM PO#U000242844	-	1,015
Child Health and Human Development Extramural Research	University of Utah	Pass Through	93.865	10035609-CHOM PO#U000242844	-	2,965
Aging Research	Cleveland Clinic Lerner College of Medicine-CWRU	Pass Through	93.866	1460-SUB	-	29,663
Aging Research	Hennepin Healthcare Research Institute	Pass Through	93.866	15156-26-01FFS/U19AG062682	-	615
Aging Research	Hennepin Healthcare Research Institute	Pass Through	93.866	ASPREE-XT/U19AG062682	-	35,414
Aging Research	Henry Ford Health System	Pass Through	93.866	PO# 0012431613 B11167JIANG	-	26,484
Aging Research	Oregon Health Sciences University	Pass Through	93.866	1008640_WAYNESTATE	-	2,044
Aging Research	Oregon Health Sciences University	Pass Through	93.866	1010251_WAYNESTATE	-	3,532
Aging Research	Purdue University	Pass Through	93.866	11000970-020	-	44,118
Aging Research	The Board of Trustees of the University of Illinois	Pass Through	93.866	SUB 18099	-	34,891
Aging Research	The University of North Carolina	Pass Through	93.866	SUB 5119876	-	5,681
Aging Research	University of California at Davis	Pass Through	93.866	A18-0168-S002	-	49,341

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Research and Development Cluster (continued):						
Department of Health and Human Services (continued):						
Aging Research	University of California, San Diego	Pass Through	93.866	103895799/S9001958	\$ -	\$ (5,144)
Aging Research	University of California, San Diego	Pass Through	93.866	117381277/S9002293	-	32,504
Aging Research	University of California, San Diego	Pass Through	93.866	132282867/S9002627	-	143,511
Aging Research	University of California, San Diego	Pass Through	93.866	KR704244	-	8,919
Aging Research	University of Miami	Pass Through	93.866	SPC-001835 0S00000613	-	18,406
Aging Research	University of Michigan	Pass Through	93.866	3004127214 2022	-	13,174
Aging Research	University of Michigan	Pass Through	93.866	3006154963 SUBK00010686	-	37,344
Aging Research	University of Michigan	Pass Through	93.866	3006161310 SUBK00011941	-	14,153
Aging Research	University of Michigan	Pass Through	93.866	3006169270 SUBK00013957	-	22,104
Aging Research	University of Michigan	Pass Through	93.866	3006174372 SUBK00014008	-	24,299
Aging Research	University of Michigan	Pass Through	93.866	3006175086 3004127214 2021	-	61,360
Aging Research	University of Michigan	Pass Through	93.866	3006197307 SUBK00007877 2021	-	82,994
Aging Research	University of Michigan	Pass Through	93.866	3006197307 SUBK00007877 2021	-	100,813
Aging Research	University of Michigan	Pass Through	93.866	3006197307 SUBK00007877 2021	-	5,863
Aging Research	University of Michigan	Pass Through	93.866	3006197307 SUBK00007877 2021	-	33,948
Aging Research	University of Michigan	Pass Through	93.866	3006611867 SUBK00011944	-	6,719
Aging Research	University of Michigan	Pass Through	93.866	3006646643 SUBK00007877 2022	-	26,707
Aging Research	University of Michigan	Pass Through	93.866	3006646643 SUBK00007877 2022	-	26,413
Aging Research	University of Michigan	Pass Through	93.866	3006646643 SUBK00007877 2022	-	683
Vision Research	Augusta University	Pass Through	93.867	34701-1	-	22,319
Vision Research	Rector & Visitors of the University of Virginia	Pass Through	93.867	PO#2273758/GB10876	-	12,408
Vision Research	University of California, Los Angeles	Pass Through	93.867	1490 G YB954	-	111,580
Medical Library Assistance	National Library of Medicine	Pass Through	93.879	S01589-01	-	1,461
Medical Library Assistance	University of Iowa	Pass Through	93.879	S01737-01	-	93,066
Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement	Utah State University	Pass Through	93.912	SUBK202484-756	-	2,922
CDC's Collaboration with Academia to Strengthen Public Health	Association of American Medical Colleges	Pass Through	93.967	GT-32016-21-14	500	1,473
Broad-spectrum Therapeutics Against SARS-CoV-2 3CL Protease						
Cancer Registry Consultation with IMS	Emory University	Pass Through	93.RD	Self-boosting inhibitors of SARS-CoV-2	-	12,534
Cancer Registry Consultation with IMS	Information Management Services, Inc.	Pass Through	93.RD	CONTRACT #D7-MDCSS-3	-	248,421
Targeted Clinical Trials to Reduce the Risk of Antimicrobial Resistance	Information Management Services, Inc.	Pass Through	93.RD	CONTRACT #D7-MDCSS-4	-	709,018
Targeted Clinical Trials to Reduce the Risk of Antimicrobial Resistance	University of Michigan	Pass Through	93.RD	3004184777	-	396
Targeted Clinical Trials to Reduce the Risk of Antimicrobial Resistance	University of Michigan	Pass Through	93.RD	3004184777	-	52,419
Targeted Clinical Trials to Reduce the Risk of Antimicrobial Resistance	University of Michigan	Pass Through	93.RD	3004184777	-	48,319
Total Department of Health and Human Services					6,237,850	85,691,337
Social Security Administration:						
Social Security Research and Demonstration	University of Wisconsin	Pass Through	96.007	SUB AWARD 000000442	-	1,623
Social Security Research and Demonstration	University of Wisconsin	Pass Through	96.007	SUB AWARD 0000001155	-	55,291
Total Social Security Administration					-	56,914
Total Research and Development Cluster					7,434,172	106,344,465
Student Financial Assistance Cluster -						
U.S. Department of Education:						
Federal Supplemental Educational Opportunity Grants		Direct	84.007	P007A202102	-	1,506,388
Federal Supplemental Educational Opportunity Grants		Direct	84.007	P007A212102	-	828,133
Federal Work-Study Program		Direct	84.033	P033A202102	-	595,100
Federal Work-Study Program		Direct	84.033	P033A202102 JLD	-	46,348
Federal Work-Study Program		Direct	84.033	P033A212102	-	132,032
Federal Work-Study Program		Direct	84.033	P033A212102 JLD	-	17,497
Federal Perkins Loan Program Federal Capital Contributions		Direct	84.038	Perkins	-	11,906,047

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Student Financial Assistance Cluster (continued):						
U.S. Department of Education (continued):						
Federal Pell Grant Program		Direct	84.063	P063P190245	\$ -	\$ (1,435)
Federal Pell Grant Program		Direct	84.063	P063P190245 Admn	-	65
Federal Pell Grant Program		Direct	84.063	P063P200245	-	21,800,412
Federal Pell Grant Program		Direct	84.063	P063P200245 Admn	-	40,000
Federal Pell Grant Program		Direct	84.063	P063P210245	-	17,470,439
Federal Direct Student Loans		Direct	84.268	P268K190245, P268K200245, P268K210245, P268K220245	-	161,549,514
Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)		Direct	84.379	P379T110245	-	48,348
Total U.S. Department of Education					-	215,938,888
Department of Health and Human Services:						
Nurse Faculty Loan Program (NFLP)		Direct	93.264	E0128824	-	7,204,825
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students		Direct	93.342	Medicine	-	1,134,043
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students		Direct	93.342	Disadvantaged	-	900,582
ARRA - Nurse Faculty Loan Program		Direct	93.408	NFLP ARRA	-	21,146
Total Department of Health and Human Services					-	9,260,596
Total Student Financial Assistance Cluster					-	225,199,484
Department of Agriculture - SNAP Cluster:						
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	Michigan Fitness Foundation	Pass Through	10.561	E20200639-00	-	666
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	Michigan Fitness Foundation	Pass Through	10.561	SNAP-ED CIP FY21	-	173,034
Total SNAP Cluster					-	173,700
Department of Transportation - Highway Safety Cluster -						
State and Community Highway Safety		Direct	20.600	693JJ921D000025	-	674
U.S. Department of Education - Special Education (IDEA) Cluster:						
Special Education Grants to States	Roundtable Strategies	Pass Through	84.027	Roundtable Strategies 2020	-	3,494
Special Education Grants to States	Roundtable Strategies	Pass Through	84.027	Roundtable Strategies 2021	-	19,938
Total Special Education (IDEA) Cluster					-	23,432
U.S. Department of Education - TRIO Cluster:						
TRIO Student Support Services		Direct	84.042	P042A201333	-	249,856
TRIO Talent Search		Direct	84.044	P044A160703	-	227,204
TRIO Talent Search		Direct	84.044	P044A210460	-	421
TRIO Upward Bound		Direct	84.047	P047A171116	-	761,648
TRIO Upward Bound		Direct	84.047	P047V170134	-	494,750
TRIO Upward Bound		Direct	84.047	P047A171342	-	313,896
TRIO Educational Opportunity Centers		Direct	84.066	P066A160085	-	560,592
TRIO McNair Post-Baccalaureate Achievement		Direct	84.217	P217A170148	-	170,127
Total TRIO Cluster					-	2,778,494
Department of Health and Human Services - Head Start Cluster:						
Head Start		Direct	93.600	90YR0092-03	-	345
Head Start		Direct	93.600	90YR0092-05	15,966	100,401
Head Start		Direct	93.600	90YR0092-05 Michigan State University	63,775	63,775
Total Head Start Cluster					79,741	164,521

## Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
<b>Department of Health and Human Services - Medicaid Cluster</b>						
Medical Assistance Program	Michigan State University	Pass Through	93.778	RC111888WSU	\$ -	\$ 27,132
Medical Assistance Program	State of Michigan Dept of Health & Human Services	Pass Through	93.778	E20212720 FED 100%	-	180,301
Medical Assistance Program	State of Michigan Dept of Health & Human Services	Pass Through	93.778	E20213162 FED 100%	-	540,460
Medical Assistance Program	State of Michigan Dept of Health & Human Services	Pass Through	93.778	E20213163 FED 100%	-	113,364
Medical Assistance Program	State of Michigan Dept of Health & Human Services	Pass Through	93.778	E20213164 FED 100%	-	85,577
Total Medicaid Cluster					-	946,834
<b>Other Federal Awards:</b>						
<b>Department of Agriculture:</b>						
Community Food Projects		Direct	10.225	2020-33800-33132	14,999	100,322
School Garden Professional Development Workshop Series Program Evaluation	Detroit Public Schools	Pass Through	10.U01	DPSCD PO 0119034108	-	58
Evaluation Study and Impact Support Services Statistical Crime Analysis on Evaluation	Detroit Public Schools Community District	Pass Through	10.U02	DPSCD PO 0121053637-8	-	73,696
Total Department of Agriculture					14,999	174,076
<b>Department of Defense:</b>						
Procurement Technical Assistance For Business Firms	Schoolcraft College	Pass Through	12.002	SC-WSU-20-2-2018	-	52,645
Procurement Technical Assistance For Business Firms	Schoolcraft College	Pass Through	12.002	SC-WSU-20-2-2018	-	14
Procurement Technical Assistance For Business Firms	Schoolcraft College	Pass Through	12.002	SC-WSU-20-2-2018	-	54,638
Procurement Technical Assistance For Business Firms	Schoolcraft College	Pass Through	12.002	SC-WSU-21-2-2118	-	20,945
Procurement Technical Assistance For Business Firms	Schoolcraft College	Pass Through	12.002	SC-WSU-21-2-2118	-	16,892
Basic, Applied, and Advanced Research in Science and Engineering	National Science Teachers Association (NSTA)	Pass Through	12.630	19-871-101	-	950
Basic, Applied, and Advanced Research in Science and Engineering	National Science Teachers Association (NSTA)	Pass Through	12.630	21-871-015	-	6,336
Total Department of Defense					-	152,419
<b>Department of Housing and Urban Development -</b>						
Healthy Homes Technical Studies Grants		Direct	14.906	MILTS0015-20	-	60,725
<b>Department of Justice:</b>						
COVID-19 Coronavirus Emergency Supplemental Funding Program	Michigan State Police	Pass Through	16.034	CESF-087-2020	-	37,026
Crime Victim Assistance	State of Michigan Dept of Health & Human Services	Pass Through	16.575	E20201186 FED 100%	-	7,842
Crime Victim Assistance	State of Michigan Dept of Health & Human Services	Pass Through	16.575	E20211597 FED 100%	-	233,828
Crime Victim Assistance/Discretionary Grants	Elder Law of Michigan, Inc.	Pass Through	16.582	2018-V3-GX-K026	-	27,440
Edward Byrne Memorial Justice Assistance Grant Program	Michigan State Police	Pass Through	16.738	BYME JAG 72493 WSU 2020	-	4,863
Edward Byrne Memorial Justice Assistance Grant Program	Michigan State Police	Pass Through	16.738	BYME JAG 72493 WSU 2021	-	103,984
Total Department of Justice					-	414,983
<b>Department of Labor:</b>						
Occupational Safety and Health Susan Harwood Training Grants		Direct	17.502	SH05126SH9	-	43,873
Occupational Safety and Health Susan Harwood Training Grants		Direct	17.502	SH99023SH0	-	111,814
Total Department of Labor					-	155,687
<b>Department of State:</b>						
Investing in People in The Middle East and North Africa		Direct	19.021	STC10020GR0033 SECAGD18CA0022 FY21-YALI-PM-	-	35,179
Academic Exchange Programs - Undergraduate Programs	International Research and Exchanges IREX	Pass Through	19.009	WSU-01	-	100,794
Academic Exchange Programs - Scholars	Institute of International Education	Pass Through	19.401	SECAGD20CA0008 3000187955	-	38,189
Academic Exchange Programs - Scholars	Institute of International Education	Pass Through	19.401	SECAGD21CA3004 3000211600	-	115,128
Academic Exchange Programs - Scholars	Institute of International Education	Pass Through	19.401	SECAGD21CA3006 3000213736	-	54,545
Academic Exchange Programs - Scholars	Institute of International Education	Pass Through	19.401	SECAGD21CA3006 3000212083	-	53,437
Total Department of State					-	397,272

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Other Federal Awards (continued):						
Department of the Treasury - Coronavirus Relief Fund:						
COVID-19 Coronavirus Relief Fund	County of Macomb	Pass Through	21.019	Coronavirus Relief Funds (CRF)	\$ -	\$ 288,063
COVID-19 Coronavirus Relief Fund	Michigan Department of Education	Pass Through	21.019	CRF FEDERAL PMOTI-5824	-	2,739
COVID-19 Coronavirus Relief Fund	Michigan Department of Education	Pass Through	21.019	CRF FEDERAL PMOTI-5826	-	12,600
COVID-19 Coronavirus Relief Fund	United Way for Southeastern Michigan	Pass Through	21.019	COVID Health Care	475,345	1,582,006
Total Department of the Treasury - Coronavirus Relief Fund					475,345	1,885,408
National Endowment for the Arts and Humanities:						
Promotion of the Humanities Division of Preservation and Access		Direct	45.149	PG-271779-20	-	3,596
Promotion of the Humanities Professional Development		Direct	45.163	ES-267084-19	-	89,388
Laura Bush 21st Century Librarian Program		Direct	45.313	RE-246399-OLS-20	-	104,981
Promotion of the Arts Partnership Agreements	Michigan Council for Arts and Cultural Affairs	Pass Through	45.025	MCACA-21PS2255	-	12,070
Total National Endowment for the Arts and Humanities					-	210,035
Department of Energy -						
sPHENIX TPC Detector Upgrade at RHIC 2019	Brookhaven Science Associates, LLC	Pass Through	81.U02	359161	-	86,879
U.S. Department of Education:						
Child Care Access Means Parents in School		Direct	84.335	P335A170040	-	63,008
Child Care Access Means Parents in School		Direct	84.335	P335A170040	-	156,175
Teacher Quality Partnership Grants		Direct	84.336	U336S190025	-	215,887
COVID-19 Education Stabilization Fund		Direct	84.425E	P425E202069	-	9,590,092
COVID-19 Education Stabilization Fund		Direct	84.425E	P425E202069	-	2,646,692
COVID-19 Education Stabilization Fund		Direct	84.425F	P425F202016	-	57,091,860
Adult Education - Basic Grants to States	SOMDepartment of Talent and Economic Development	Pass Through	84.002	WOIA 2021 211130-211929	-	102,465
Adult Education - Basic Grants to States	SOMDepartment of Talent and Economic Development	Pass Through	84.002	WOIA 2022	-	14,714
Special Education-Grants for Infants and Families	Michigan Department of Education	Pass Through	84.181	201320-QCIP2	-	9,097
Special Education-Grants for Infants and Families	Michigan Department of Education	Pass Through	84.181	211320-QCIP3	-	269,946
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	192110-K181583	-	775
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	212110-J17016	-	393,883
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	212110-K181583	-	450,254
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	212110-L194312	-	478,157
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	212110-L194313	-	458,837
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	212110-L194314	-	454,960
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	222110-J17016	-	96,730
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	222110-K181583	-	114,522
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	222110-L194313 L#1	-	122,571
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	222110-L194313 L#2	-	110,026
Twenty-First Century Community Learning Centers	Michigan Department of Education	Pass Through	84.287	222110-L194313 L#3	-	103,982
Gaining Early Awareness and Readiness for Undergraduate Programs	State of Mi Dept of Talent and Economic Development	Pass Through	84.334	Mi Gear Up (Feds) 20-21	-	24,039
Michigan Alliance for Families: Training and Technical Assistance for Family Involvement Grant	Arc Michigan	Pass Through	84.U01	MAF Training 2020	-	1,334
Michigan Alliance for Families: Training and Technical Assistance for Family Involvement Grant	Arc Michigan	Pass Through	84.U01	MAF Training 2021	-	62,710
Total U.S. Department of Education					-	73,032,716
National Archives and Records Administration -						
National Historical Publications and Records Grants		Direct	89.003	DP-103023-20	-	13,521
Department of Health and Human Services:						
Area Health Education Centers		Direct	93.107	U77HP26852-07 Central&Eastern Area Hlth	25,826	25,826
Area Health Education Centers		Direct	93.107	U77HP26852-07 Covenant Comm Care	12,428	12,428
Area Health Education Centers		Direct	93.107	U77HP26852-07 MidMichigan Comm Hlth	19,241	19,241

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Other Federal Awards (continued):						
Department of Health and Human Services (continued):						
Area Health Education Centers		Direct	93.107	U77HP26852-07 Western Michigan Univ	\$ 38,219	\$ 38,219
Area Health Education Centers		Direct	93.107	U77HP26852-08	-	192,628
				U77HP26852-08 Central&Eastern		
Area Health Education Centers		Direct	93.107	Area Hlth	118,641	118,641
				U77HP26852-08 MidMichigan Comm		
Area Health Education Centers		Direct	93.107	Hlth	127,867	127,867
				U77HP26852-08 Upper Great Lakes		
Area Health Education Centers		Direct	93.107	Family	124,200	124,200
				U77HP26852-08 Western Michigan		
Area Health Education Centers		Direct	93.107	Univ	97,449	97,449
Area Health Education Centers		Direct	93.107	U77MC26852-09	-	18,506
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 CMU	27,548	27,548
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 CMU	13,642	13,642
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 NMU	16,390	16,390
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 State of Michigan	39,000	39,000
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 Supplement	-	24,741
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 UM Dearborn	26,000	26,000
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 WMed	12,184	12,432
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 WMU	13,347	13,347
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 Lead	38,020	269,784
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-05 MSU	85,060	85,060
Maternal and Child Health Federal Consolidated Programs		Direct	93.110	T73MC30119-06 Lead	-	67,107
Nursing Workforce Diversity		Direct	93.178	HP30865-03	-	5,030
Nursing Workforce Diversity		Direct	93.178	HP30865-04	-	420,915
Nursing Workforce Diversity		Direct	93.178	HP30865-04	-	36,308
Advanced Nursing Education Workforce Grant Program		Direct	93.247	HP32910-02	23,970	381,632
Advanced Nursing Education Workforce Grant Program		Direct	93.247	HP32910-02	-	78,812
Advanced Nursing Education Workforce Grant Program		Direct	93.247	HP32910-02 Ascension Hospital	21,177	21,177
Advanced Nursing Education Workforce Grant Program		Direct	93.247	HP32910-02 Nursing Practice Corp	14,669	15,530
Advanced Nursing Education Workforce Grant Program		Direct	93.247	HP32910-03	-	121,527
Advanced Nursing Education Workforce Grant Program		Direct	93.247	HP32910-03	-	15,041
COVID-19 Nurse Education, Practice Quality and Retention Grants		Direct	93.359	T1PHP39114	-	73,487
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UD7HP37643-01	141,890	241,909
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UD7HP37643-01	-	48,069
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UD7HP37643-02	-	36,165
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UD7HP37643-02	-	23,834
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-02	-	6,150
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-02	-	9,156
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-03	46,553	415,743
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-03	-	78,177
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-03 Covenant Comm	-	-
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	Care	59,145	59,145
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-03 Detroit Comm Health	28,426	28,426
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-04	249	80,409
Nurse Education, Practice Quality and Retention Grants		Direct	93.359	UK1HP31702-04	-	8,710
COVID-19 University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDC50015-01	-	11,769
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-03	-	613
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-04	-	351,183
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-04	-	10,195
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-04	-	25,915
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-04	-	15,472
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-04 Eastern Michigan	30,000	32,000
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		Direct	93.632	90DDUC005-05	-	101,376
Mental and Behavioral Health Education and Training Grants		Direct	93.732	M01HP31389-03	-	(54,000)
Mental and Behavioral Health Education and Training Grants		Direct	93.732	M01HP31389-05	-	32,048
Mental and Behavioral Health Education and Training Grants		Direct	93.732	T98HP33431-01	-	350,297



Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Other Federal Awards (continued):						
Department of Health and Human Services (continued):						
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease		Direct	93.918	H76HA00105-03	\$ -	\$ 317,261
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease		Direct	93.918	H76HA00105-04	-	610,688
COVID-19 Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease		Direct	93.918	H7CHA37138 COVID	-	80,073
Well-Integrated Screening and Evaluation for Women Across the Nation	State of Michigan Dept of Health & Human Services	Pass Through	93.094	E20203807 FED 100%	-	2,264
Well-Integrated Screening and Evaluation for Women Across the Nation	State of Michigan Dept of Health & Human Services	Pass Through	93.094	E20203807 FED 100%	-	22,492
Well-Integrated Screening and Evaluation for Women Across the Nation	State of Michigan Dept of Health & Human Services	Pass Through	93.094	E20213473 FED 100% 2 CFDA	-	192
Maternal and Child Health Federal Consolidated Programs	American College of Obstetricians and Gynecologists	Pass Through	93.110	UC4MC28042	-	6,735
Maternal and Child Health Federal Consolidated Programs	American College of Obstetricians and Gynecologists	Pass Through	93.110	UC4MC28042	-	13,018
Maternal and Child Health Federal Consolidated Programs	Association of University Centers on Disabilities	Pass Through	93.110	01-21-8832	-	69,498
Maternal and Child Health Federal Consolidated Programs	Association of University Centers on Disabilities	Pass Through	93.110	03-21-0088	-	8,500
Maternal and Child Health Federal Consolidated Programs	Spectrum Health System	Pass Through	93.110	WSU-2020.76346	-	10,000
Maternal and Child Health Federal Consolidated Programs	University of Michigan	Pass Through	93.110	3006055255 SUBK00009060	-	1,849
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	State of Michigan Dept of Health & Human Services	Pass Through	93.116	E20201112 FED 100%	-	44,604
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	State of Michigan Dept of Health & Human Services	Pass Through	93.116	E20212079 FED 100%	-	89,437
Injury Prevention and Control Research and State and Community Based Programs	State of Michigan Dept of Health & Human Services	Pass Through	93.136	E20203598 FED 100%	-	10,255
Injury Prevention and Control Research and State and Community Based Programs	State of Michigan Dept of Health & Human Services	Pass Through	93.136	E20204453 FED 100%	-	26,854
Injury Prevention and Control Research and State and Community Based Programs	State of Michigan Dept of Health & Human Services	Pass Through	93.136	E20212567 FED 100%	-	119,185
Injury Prevention and Control Research and State and Community Based Programs	State of Michigan Dept of Health & Human Services	Pass Through	93.136	E20213282 FED 100%	-	484,304
HIV-Related Training and Technical Assistance	The Board of Trustees of the University of Illinois	Pass Through	93.145	SUB 17687 2020	-	47
HIV-Related Training and Technical Assistance	The Board of Trustees of the University of Illinois	Pass Through	93.145	SUB 17687 2021	5,283	345,460
HIV-Related Training and Technical Assistance	The Board of Trustees of the University of Illinois	Pass Through	93.145	SUB 17687 2022	-	56
HIV-Related Training and Technical Assistance	University of Illinois at Chicago (UIC)	Pass Through	93.145	SUB 17498 2020	-	(503)
COVID-19 HIV-Related Training and Technical Assistance	University of Illinois at Chicago (UIC)	Pass Through	93.145	SUB 18122	-	36,617
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	State of Michigan Dept of Health & Human Services	Pass Through	93.153	E20204155 FED 100%	-	126
COVID-19 Coordinated Services and Access to Research for Women, Infants, Children, and Youth	State of Michigan Dept of Health & Human Services	Pass Through	93.153	E20212981 FED 100% COVID	-	40,006
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	State of Michigan Dept of Health & Human Services	Pass Through	93.153	E20213098 FED 66.4%	-	102,896
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	State of Michigan Dept of Health & Human Services	Pass Through	93.153	E20213099 FED 36.8%	-	229,050
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	State of Michigan Dept of Health & Human Services	Pass Through	93.153	E20213100 FED 68.3%	-	277,533
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	State of Michigan Dept of Health & Human Services	Pass Through	93.153	E20213101 FED 63.5%	-	46,464
Disabilities Prevention	State of Michigan Dept of Health & Human Services	Pass Through	93.184	E20213284 FED 100%	-	17,187
Substance Abuse and Mental Health Services Projects of Regional and National Significance	State of Michigan Dept of Health & Human Services	Pass Through	93.243	E20202515 FED 100%	-	33
Substance Abuse and Mental Health Services Projects of Regional and National Significance	State of Michigan Dept of Health & Human Services	Pass Through	93.243	E20202853 FED 100%	-	794
Substance Abuse and Mental Health Services Projects of Regional and National Significance	State of Michigan Dept of Health & Human Services	Pass Through	93.243	E20213283 FED 100%	-	103,565
Substance Abuse and Mental Health Services Projects of Regional and National Significance	State of Michigan Dept of Health & Human Services	Pass Through	93.243	E20214501 FED 100%	-	27,636
COVID-19 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	State of Michigan Dept of Health & Human Services	Pass Through	93.323	E20204272 FED 100%	-	183,125
COVID-19 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	State of Michigan Dept of Health & Human Services	Pass Through	93.323	E20213726 FED 100%	-	3,174,790
COVID-19 Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	State of Michigan Dept of Health & Human Services	Pass Through	93.354	E20213212 FED 100% COVID	-	98,857
Multiple Approaches to Support Young Breast Cancer Survivors and Metastatic Breast Cancer Patients	State of Michigan Dept of Health & Human Services	Pass Through	93.376	E20203488 FED 100%	-	802
Multiple Approaches to Support Young Breast Cancer Survivors and Metastatic Breast Cancer Patients	State of Michigan Dept of Health & Human Services	Pass Through	93.376	E20213520 FED 100%	-	73,602
The CDC Public Health Cancer Genomics Program: Translating Research into Public Health Practice	State of Michigan Dept of Health & Human Services	Pass Through	93.380	E20213519 FED 100%	-	23,834
Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	Association of University Centers on Disabilities	Pass Through	93.421	17-21-8815	-	1,073
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	Ohio State University	Pass Through	93.433	60076188	-	2
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	Ohio State University	Pass Through	93.433	GR122968/SPC-1000005166	-	21,965
Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-	State of Michigan Dept of Health & Human Services	Pass Through	93.435	E20201362 FED 100%	82,486	112,981
Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-	State of Michigan Dept of Health & Human Services	Pass Through	93.435	E20213518 FED 100%	-	253,628
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)	State of Michigan Dept of Health & Human Services	Pass Through	93.436	E20213473 FED 100% 2 CFDA	-	7,551
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)	State of Michigan Dept of Health & Human Services	Pass Through	93.436	E20214156 FED 100%	33,250	33,250
Affordable Care Act Program for Early Detection of Certain Medical Conditions Related to Environmental Health Hazards	State of Michigan Dept of Health & Human Services	Pass Through	93.534	E20204150 FED 100%	-	1
Developmental Disabilities Basic Support and Advocacy Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.630	E20201294 FED 100%	-	2,111
Developmental Disabilities Basic Support and Advocacy Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.630	E20201364 FED 100%	-	275

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Other Federal Awards (continued):						
Department of Health and Human Services (continued):						
Developmental Disabilities Basic Support and Advocacy Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.630	E20201365 FED 100%	\$ 9,613	\$ 10,688
Developmental Disabilities Basic Support and Advocacy Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.630	E20212501 FED 100%	16,000	52,696
Developmental Disabilities Basic Support and Advocacy Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.630	E20212502 FED 100%	41,583	210,330
John H. Chafee Foster Care Program for Successful Transition to Adulthood	State of Michigan Dept of Health & Human Services	Pass Through	93.674	MA20000000911 FEDERAL 80%	-	79,198
Opioid STR	State of Michigan Dept of Health & Human Services	Pass Through	93.788	E20193232 FED 100%	-	3,539
Opioid STR	State of Michigan Dept of Health & Human Services	Pass Through	93.788	E20203044 FED 100%	-	627
Opioid STR	State of Michigan Dept of Health & Human Services	Pass Through	93.788	E20213161 FED 100%	-	133,889
Opioid STR	State of Michigan Dept of Health & Human Services	Pass Through	93.788	E20213161 FED 100%	-	263,573
COVID-19 Emerging Infections Sentinel Networks	Oliver View-UCLA Education and Research Institute	Pass Through	93.860	COVID #19-18	-	(1,177)
Grants for Primary Care Training and Enhancement	University of Illinois at Chicago (UIC)	Pass Through	93.884	SUB 17498 2021	-	5,462
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	State of Michigan Dept of Health & Human Services	Pass Through	93.898	E20201827 FED 100%	-	17,034
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	State of Michigan Dept of Health & Human Services	Pass Through	93.898	E20212503 FED 100%	-	690,357
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV Care Services 2020	-	16
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV Care Services 2021	-	199,117
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV Care Services 2022	-	117,192
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV MCM SubK 2020	-	11,091
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV MCM SubK 2021	-	65,736
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV MCM SubK 2022	-	32,936
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV MHS SubK 2020	-	119
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV MHS SubK 2021	-	34,769
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White HIV MHS SubK 2022	-	23,182
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A 2020	-	104,475
COVID-19 HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A COVID	-	13,516
COVID-19 HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A COVID HIV	-	10,623
COVID-19 HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A COVID MCM Subk	-	5,366
COVID-19 HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A COVID MHS Subk	-	2,246
COVID-19 HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A COVID Outpatient PEDS	-	14,134
COVID-19 HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A COVID Psychosocial PEDS	-	869
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Early Intevention 2022	-	698
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A MAI 2021	-	101,357
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A MAI Outpatient PEDS 2021	-	50,030
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A MAI Outpatient PEDS 2022	-	43,247
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Outpatient 2019	-	47,326
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Outpatient 2021	-	170,325
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Outpatient 2022	-	20,184
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Outpatient 2022	-	86,239
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Outpatient PEDS 2021	-	167,750
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Outpatient PEDS 2022	-	129,524
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Primary 2019	-	977
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Psychosocial 2022	-	376
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Psychosocial PEDS 2021	-	13,086
HIV Emergency Relief Project Grants	Southeastern Michigan Health Association	Pass Through	93.914	Ryan White Part A Psychosocial PEDS 2022	-	1,146
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20192652-00 FED 39.2 2 CFDA	-	1,051
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20203067 FED 39.2% 2 CFDA	-	15,806
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20212566 FED 100%	-	86,029
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20212721 FED 22.6% SPLIT CFDA	-	82,362
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20213095 FED 100%	-	207,176
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20213097 FED 100%	-	59,217
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20213903 FED 100%	-	38,770
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20214949 FED 100%	-	50,884
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20203067 FED 39.2% 2 CFDA	-	15,806
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20212566 FED 100%	-	86,029
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20212721 FED 22.6% SPLIT CFDA	-	82,362

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Year Ended September 30, 2021

Federal Agency/Pass-through Agency/Program Title	Pass-through Agency	Direct/Pass Through	Assistance Listing Grant ID/Pass-through Entity Identifying		Total Amount	Federal
			Number	Number	Provided to Subrecipients	Expenditures
Other Federal Awards (continued):						
Department of Health and Human Services (continued):						
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20213095 FED 100%	\$ -	\$ 207,176
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20213097 FED 100%	-	59,217
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20213903 FED 100%	-	38,770
HIV Prevention Activities Health Department Based	State of Michigan Dept of Health & Human Services	Pass Through	93.940	E20214949 FED 100%	-	50,884
Sexually Transmitted Diseases (STD) Prevention and Control Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.977	E20192652-00 FED 39.2 2 CFDA	-	2,077
Sexually Transmitted Diseases (STD) Prevention and Control Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.977	E20203067 FED 39.2% 2 CFDA	-	31,235
Sexually Transmitted Diseases (STD) Prevention and Control Grants	State of Michigan Dept of Health & Human Services	Pass Through	93.977	E20212721 FED 22.6% SPLIT CFDA	-	162,763
Michigan Cares	Michigan State University	Pass Through	93.U01	RC110380 E20201939-00	-	5
Total Department of Health and Human Services					1,389,356	15,795,786
Corporation for National and Community Service:						
AmeriCorps		Direct	94.006	Service	-	169,230
AmeriCorps	State of Michigan Dept of Health & Human Services	Pass Through	94.006	E20191747 FED 100%	-	(24,902)
AmeriCorps	Michigan Department of Labor and Economic Opportunity	Pass Through	94.006	20-MACFC-01	-	64,135
AmeriCorps	Michigan Department of Labor and Economic Opportunity	Pass Through	94.006	20 MACFC-02	-	190,676
AmeriCorps	Michigan Department of Labor and Economic Opportunity	Pass Through	94.006	21-MCSC-MACFC-03	-	438,780
AmeriCorps	Michigan Department of Labor and Economic Opportunity	Pass Through	94.006	21 MCSC-MACFC-02	-	69,382
Total Corporation for National and Community Service					-	907,301
Total other federal awards					1,879,700	93,286,808
Total federal expenditures					\$ 9,393,613	\$ 428,918,412

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## Notes to Schedule of Expenditures of Federal Awards

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Year Ended September 30, 2021

### Note 1 - Basis of Presentation

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal grant activity of Wayne State University (the "University") under programs of the federal government for the year ended September 30, 2021. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (the "Uniform Guidance"). Because the Schedule presents only a selected portion of the operations of the University, it is not intended to and does not present the financial position, changes in net position, or cash flows of the University.

### Note 2 - Summary of Significant Accounting Policies

Expenditures reported in the Schedule are reported on accrual of accounting. Such expenditures are recognized following the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, wherein certain types of expenditures are not allowable or are limited as to reimbursement, except for expenditures related to Assistance Listing Number 21.019, Coronavirus Relief Fund (CRF). CRF does not apply the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, but rather applies the U.S. Department of the Treasury's guidance. Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. The pass-through entity identifying numbers are presented where available.

The University has elected not to use the 10 percent *de minimis* indirect cost rate to recover indirect costs, as allowed under the Uniform Guidance.

### Note 3 - Loans Balances

During the fiscal year ended September 30, 2021, the University issued new loans to students under the Federal Direct Student Loan Program (FDLP). The loan program includes subsidized and unsubsidized Stafford Loans, Parents' Loans for Undergraduate Students (PLUS), and PLUS loans for graduate and professional students. The value of loans issued for the FDLP is based on disbursed amounts. The undergraduate PLUS loans are applied first to the student's tuition and fees, and any remaining balance is disbursed directly to the parents or, with the parents' permission, to the student. The loan amounts issued during the year are disclosed in the schedule of expenditures of federal awards under the student financial assistance cluster.

## Notes to Schedule of Expenditures of Federal Awards

Year Ended September 30, 2021

**Note 3 - Loans Balances (Continued)**

In addition, the University participates in the Federal Perkins Loan Program through the Department of Education, the Health Professions Student Loan Program (including loans for disadvantaged students), and the Nurse Faculty Loan Program through the Department of Health and Human Services. These loan programs that are directly administered by the University are considered revolving loan programs whereby collections received on past loans, including interest, and new funds received from federal agencies are loaned out to current students. For these programs, the beginning of year balance and loans made during the year are disclosed in the schedule of expenditures of federal awards. The outstanding balances on these loan programs as of September 30, 2021 are as follows:

Federal Program	Assistance Listing Number	Loan Balances
U.S. Department of Education - Federal Perkins Loan Program	84.038	\$ 10,152,223
Department of Health and Human Services - Health Professions Student Loan Program - Medicine	93.342	904,333
Department of Health and Human Services - Loans for Disadvantaged Students Program	93.342	749,807
Department of Health and Human Services - Nursing Faculty Loan Program	93.264	6,379,546
Department of Health and Human Services - ARRA Nursing Faculty Loan Program	93.408	18,942
	Total	\$ 18,204,851

**Note 4 - Adjustments and Transfers**

As allowable and in accordance with federal regulations issued by the U.S. Department of Education, the University carried forward \$246,562 of the 2019-2020 of the Federal Work-Study (FWS) Program (84.033) award, which was spent on the FWS Program in the 2020-2021 award year. The University also carried forward \$15,630 of the 2020-2021 FWS Program award to be expended on the FWS Program in the 2021-2022 award year.

The University, pursuant to federal regulations, transferred \$1,609,905 of the 2020-2021 FWS Program award to the Federal Supplemental Educational Opportunity Grant (FSEOG) Program (84.007), which was spent in the 2020-2021 year.

**Note 5 - Indirect Costs**

The University had approved predetermined indirect cost rates, which are effective from October 1, 2018 to September 30, 2022. The approved rates for on-campus and off-campus research were 54 and 26 percent, respectively.

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## Schedule of Findings and Questioned Costs

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**Schedule of Findings and Questioned Costs**

**Year Ended September 30, 2021**

**Section I - 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   None reported

**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?   X   Yes    \_\_\_\_\_ None reported

Any audit findings disclosed that are required to be reported in accordance with Section 2 CFR 200.516(a)?   X   Yes    \_\_\_\_\_ No

Identification of major programs:

Assistance Listing Number	Name of Federal Program or Cluster	Opinion
84.007, 84.033, 84.038, 84.063, 84.268, 84.379, 93.264, 93.342, 93.408	Student Financial Assistance Cluster	Unmodified
84.425	COVID-19 Education Stabilization Fund	Unmodified
93.323	COVID-19 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	Unmodified

Dollar threshold used to distinguish between type A and type B programs: \$3,000,000

Auditee qualified as low-risk auditee?   X   Yes    \_\_\_\_\_ No

**Section II - Financial Statement Audit Findings**

Reference Number	Finding
<b>Current Year</b>	None

Schedule of Findings and Questioned Costs (Continued)

Year Ended September 30, 2021

Section III - Federal Program Audit Findings

Reference Number	Finding
2021-001	<p><b>Assistance Listing Number, Federal Agency, and Program Name</b> - Student Financial Assistance Cluster - Department of Education - Federal Direct Loans ALN 84.268, Pell ALN 84.063</p> <p><b>Federal Award Identification Number and Year</b> - Various</p> <p><b>Pass-through Entity</b> - N/A</p> <p><b>Finding Type</b> - Significant deficiency</p> <p><b>Repeat Finding</b> - Yes - 2020-001</p> <p><b>Criteria</b> - Changes in a student's status are required to be reported to the National Student Loan Data System (NSLDS) within 30 days of the change or included in a student status confirmation report sent to NSLDS within 60 days of the status change (Pell, 34 CFR section 690.83(b)(2); Direct Loan, 34 CFR section 685.309).</p> <p><b>Condition</b> - The University did not report the student status change in a timely manner for 1 of the 60 students selected for testing.</p> <p><b>Questioned Costs</b> - None</p> <p><b>Identification of How Questioned Costs Were Computed</b> - N/A</p> <p><b>Context</b> - Of the 60 students selected for testing, 1 student did not have a status change reported in a timely manner to NSLDS. The student had withdrawn from the University.</p> <p><b>Cause and Effect</b> - The University did not have a procedure in place to ensure that the enrollment record for a student who was reported as withdrawn was corrected after initially being rejected by the third-party service provider. This caused this student's withdrawn status to not be recorded timely. Subsequent to the audit testing performed, the proper status of withdrawn was reported for the student discussed above.</p> <p><b>Recommendation</b> - The University should implement controls to ensure student status changes are reported correctly and within the required time frame.</p>



Schedule of Findings and Questioned Costs (Continued)

Year Ended September 30, 2021

Section III - Federal Program Audit Findings (Continued)

Reference Number	Finding
2021-001 (Continued)	<p><b>Views of Responsible Officials and Corrective Action Plan</b> - The University concurs with the auditor's findings and recommendations.</p> <p>The student identified as an issue was a student who had been administratively dismissed from the medical school. The student was withdrawn from classes for the remainder of their year-long academic period and was reported correctly. However, the manual process to code this student with a manual exclusion from further reporting was not performed. This resulted in the student being reported again, indicating they were enrolled. This is the same situation that was discussed in the University's corrective action plan (CAP) from fiscal year 2020, dated February 15, 2021. The issue with this student occurred four days later, on February 19, 2021, before the University had time to further analyze the problem and fully implement the CAP. The Registrar's Office is working with the School of Medicine (SOM) to change its business procedures to prevent this issue from occurring in the future. This includes adding a process for the SOM to manually add a withdrawal record and update the enrollment status when administratively dismisses students. This will allow the National Student Clearinghouse (NSC), the University's third-party processor, to run their process without issues. The University also expects that the upcoming implementation of the School of Medicine's new term structure will largely make the exclusion process less of a concern.</p>