

**STATE OF MARYLAND
SINGLE AUDIT REPORT
YEAR ENDED JUNE 30, 2021**



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INDEPENDENT AUDITORS' 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

The Honorable Members of the General Assembly and the Governor
 State of Maryland

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of Maryland (the State), as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the State's basic financial statements and have issued our report thereon dated March 21, 2022. Our report includes a reference to other auditors who audited the financial statements of certain funds, agencies, and component units of the State of Maryland, which represent the indicated percent of total assets and deferred outflows of resources and total revenues as described in our report on the State's financial statements and as presented in the below table. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those other auditors.

Opinion Unit	Fund, Agency, or Component Unit	Percentage Audited by Other Auditors	
		Assets and Deferred Outflows	Revenues
Business-type Activities	Department of Housing and Community Development State Funded Loan Programs Maryland Lottery and Gaming Control Agency	6%	30%
Aggregate Discretely Presented Component Units	Maryland Environmental Service Maryland Prepaid College Trust University System of Maryland Foundation, Inc. University of Maryland College Park Foundation, Inc. University of Maryland Baltimore Foundation, Inc. Bowie State University Foundation, Inc. Towson University Foundation, Inc. Frostburg State University Foundation, Inc. Coppin State University Development Foundation, Inc. University of Baltimore Foundation, Inc. and University Properties, Inc. Salisbury University Foundation Inc. University of Maryland Baltimore County Research Park Corporation, Inc. UMUC Ventures, Inc. and Subsidiaries	23%	16%
Economic Development Loan Programs - Major Proprietary Fund	Department of Housing and Community Development State Funded Loan Programs	12%	26%
Maryland Lottery and Gaming Control Agency - Major Proprietary Fund	Maryland Lottery and Gaming Control Agency	100%	100%
Aggregate Remaining Fund Information	Maryland Teachers and State Employees Supplemental Retirement Plans Maryland Local Government Investment Pool	14%	30%

The Honorable Members of the General Assembly and the Governor
State of Maryland

The financial statements of the Maryland Housing Fund, Economic Development Insurance Programs, Maryland Teachers & State Employees Supplement Retirement Plans, Maryland Local Government Investment Pool, Maryland 529 Plan, Bowie State University Foundation Inc., Coppin State College Development Foundation Inc., Frostburg State University Foundation Inc., Salisbury University Foundation Inc., Towson University Foundation Inc., University of Baltimore Inc., University of Maryland Foundation Inc., University of Maryland Baltimore Foundation Inc., UMBC Research Park, and UMUC Ventures were not audited in accordance with *Government Auditing Standards* and accordingly this report does not include reporting on internal control over financial reporting or instances of reportable noncompliance associated with them.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the State'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 State's internal control. Accordingly, we do not express an opinion on the effectiveness of the State's internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. However, as described in the accompanying schedule of findings and questioned costs, we did identify certain deficiencies in internal control that we consider to be material weaknesses and significant deficiencies.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented or detected and corrected on a timely basis. We consider the deficiency described in the accompanying schedule of findings and questioned costs as item 2021-002 to be a material weakness.

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. We consider the deficiency described in the accompanying of findings and questioned costs as item 2021-001 to be a significant deficiency.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the State'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*.

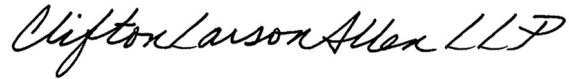
The Honorable Members of the General Assembly and the Governor
State of Maryland

State of Maryland's Response to Findings

The State's response to the findings identified in our audit is described in the accompanying schedule of findings and questioned costs. The State's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

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 State'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 State's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



CliftonLarsonAllen LLP

Baltimore, Maryland
March 21, 2022



**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM, REPORT ON INTERNAL CONTROL OVER COMPLIANCE, AND
REPORT ON THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY THE UNIFORM GUIDANCE**

The Honorable Members of the General Assembly and the Governor
State of Maryland

Report on Compliance for Each Major Federal Program

We have audited the State of Maryland's (the State) 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 State's major federal programs for the year ended June 30, 2021. The State's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

The State's basic financial statements include the operations of the Maryland Water Quality Financing Administration and Maryland Transportation Authority, enterprise funds of the State of Maryland, which received federal awards that are not included in the accompanying Schedule of Expenditures of Federal Awards. Our audit, described below, did not include the operations of these entities because auditors were engaged to perform a separate audit in accordance with the Uniform Guidance.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations, and 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 State'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 (CFR) Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the State'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 qualified and unmodified opinions on compliance for the major federal programs. However, our audit does not provide a legal determination of the State's compliance.

Basis for Qualified Opinions

As described in the accompanying schedule of findings and questioned costs, the State did not comply with the requirements regarding:

Program	Assistance Listing	Noncompliance	Finding Number
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323	Reporting - FFATA	2021-008
Medicaid Cluster	93.775, 93.777, 93.778	Reporting - FFATA	2021-015
Medicaid Cluster	93.775, 93.777, 93.778	Special Tests and Provisions - Medicaid Fraud Control Unit (MFCU)	2021-017
Medicaid Cluster	93.775, 93.777, 93.778	Special Tests and Provisions - Medicaid National Correct Coding Initiative (NCCI)	2021-018
Medicaid Cluster	93.775, 93.777, 93.778	Special Tests and Provisions - Refunding Federal Share of Medicaid Overpayments to Providers	2021-019

Compliance with such requirements is necessary, in our opinion, for the State to comply with the requirements applicable to the programs.

Qualified Opinions

In our opinion, except for the noncompliance described in the Basis for Qualified Opinions paragraph, the State 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 programs (identified above) for the year ended June 30, 2021.

Unmodified Opinion on Each of the Other Major Federal Programs

In our opinion, the State complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its other major federal programs identified in the summary of auditors’ results section of the accompanying schedule of findings and questioned costs for the year ended June 30, 2021.

Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as items 2021-006, 2021-009, 2021-010, 2021-012, 2021-013, 2021-014, 2021-016. Our opinion on each major federal program is not modified with respect to these matters.

The State’s response to the noncompliance findings identified in our audit is described in the accompanying schedule of findings and questioned costs. The State’s response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

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

Our consideration of internal control over compliance was for the limited purpose described in the preceding paragraph 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 have not been identified. However, as discussed below, we did identify certain deficiencies in internal control over compliance that we consider to be material weaknesses and significant deficiencies.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2021-008, 2021-015, 2021-017, 2021-018 and 2021-019 to be material weaknesses.

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. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2021-003, 2021-004, 2021-005, 2021-006, 2021-007, 2021-009, 2021-010, 2021-011, 2021-012, 2021-013, 2021-014, and 2021-016 to be significant deficiencies.

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

The purpose of this report on internal controls over compliance is solely to describe the scope of our testing of internal controls 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.

The Honorable Members of the General Assembly and the Governor
State of Maryland

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

We have audited the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State as of and for the year ended June 30, 2021 and the related notes to the financial statements, which collectively comprise the State's basic financial statements. We issued our report thereon dated March 21, 2022, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes 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 basic 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 basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



CliftonLarsonAllen LLP

Baltimore, Maryland
September 30, 2022

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Agriculture					
Agricultural Research Basic and Applied Research	10.001		\$ 24,500		\$ -
Plant and Animal Disease, Pest Control, and Animal Care	10.025		1,267,674		-
Inspection Grading and Standardization	10.162		107,373		-
Market Protection and Promotion	10.163		82,738		-
Wholesale Farmers and Alternative Market Development	10.164		9,778		-
Specialty Crop Block Grant Program - Farm Bill	10.170		573,297		-
Payments to 1890 Land-Grant Colleges and Tuskegee University	10.205		1,421,853		-
Sustainable Agriculture Research and Education	10.215		1,238,586		85,342
Pass-Through Farmers Market Federation of New York Inc		18103070	5,500		-
Pass-Through Northeast SARE, The University of Vermont		ENE2016034268	18,968		-
Pass-Through Northeast SARE, The University of Vermont		ENE2016534268	39,274		-
Pass-Through Northeast SARE, The University of Vermont		PDP2035383	50,575		-
Pass-Through Tufts University		FSU236	5,831		-
Pass-Through Vermont		SNE19-06-34268	11,768		-
Total ALN 10.215 Sustainable Agriculture Research and Education			1,370,502		85,342
1890 Institution Capacity Building Grants	10.216		817,993		-
Pass-Through Florida A&M		Unknown	11,727		-
Total ALN 10.216 1890 Institution Capacity Building Grants			829,720		-
Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	10.226		5,842		-
Agriculture and Food Research Initiative (AFRI)	10.310				
Pass-Through University Delaware		54947	16,934		-
Pass-Through University of California		A21-0139-S003	95,971		-
Pass-Through University of Florida		SUB00001461	114,257		-
Total ALN 10.310 Agriculture and Food Research Initiative (AFRI)			227,162		-
Beginning Farmer and Rancher Development Program	10.311				
Pass-Through Future Harvest CASA		Unknown	14,984		-
Total ALN 10.311 Beginning Farmer and Rancher Development Program			14,984		-
State Mediation Grants	10.435		57,966		-
Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers	10.443		39,042		-
Risk Management Education Partnerships	10.460		5,750		-
Cooperative Extension Service	10.500		2,329,408		-
Pass-Through Northeast Center for Risk Management Education		58903	5,877		-
Pass-Through University of Delaware		57330	50,242		-
Pass-Through University of Delaware		59086	1,040		-
Total ALN 10.500 Cooperative Extension Service			2,386,567		-
Centers of Excellence at 1890 Institutions	10.523		84,081		-
Scholarships for Students at 1890 Institutions	10.524		100,554		-
CACFP Training Grants	10.536		37,328		-
COVID-19 Pandemic EBT Food Benefits (Noncash)	10.542		408,276,130		-
SNAP Cluster					
Supplemental Nutrition Assistance Program (Noncash)	10.551		1,959,944,989		-
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		99,843,454		5,246,041
Total SNAP Cluster				\$ 2,059,788,443	
Child Nutrition Cluster					
School Breakfast Program	10.553		794,543		-
COVID19 - National School Lunch Program	10.555		41,729,797		-
National School Lunch Program			519,279		-
Total ALN 10.555 - National School Lunch Program			42,249,076		-
Special Milk Program for Children	10.556		65,090		-
Summer Food Service Program for Children	10.559		176,656,357		-
Child Nutrition Discretionary Grants Limited Availability	10.579		455,975		440,704
Total Child Nutrition Cluster				220,221,041	
WIC Special Supplemental Nutrition Program for Women, Infants, and Children	10.557		78,666,995		24,064,991
Child and Adult Care Food Program	10.558		68,999,741		-
State Administrative Expenses for Child Nutrition	10.560		4,317,068		197,003

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Agriculture (continued)					
<i>Food Distribution Cluster</i>					
COVID19 - Commodity Supplemental Food Program	10.565		\$ 10,146		\$ 278,094
Commodity Supplemental Food Program			281,173		-
Total ALN 10.565 - National School Lunch Program			291,319		278,094
Emergency Food Assistance Program (Administrative Costs)	10.568		5,695,336		-
Emergency Food Assistance Program (Food Commodities) - Noncash	10.569		12,777,976		-
<i>Food Distribution Cluster Total</i>				\$ 18,764,631	
WIC Farmers' Market Nutrition Program (FMNP)	10.572		509,973		-
Senior Farmers Market Nutrition Program	10.576		22,230		-
WIC Grants To States (WGS)	10.578		810,919		-
Fresh Fruit and Vegetable Program	10.582		2,236,977		-
COVID19 - Pandemic EBT Administrative Costs	10.649		11,725,804		-
Cooperative Forestry Assistance	10.664		626,259		-
Urban and Community Forestry Program	10.675		305,696		-
Forest Legacy Program	10.676		23,253		-
Forest Stewardship Program	10.678		74,605		-
Forest Health Protection	10.680		162,554		-
State & Private Forestry Cooperative Fire Assistance	10.698		331,129		-
Environmental Quality Incentives Program	10.912				
Pass-Through Team Ag		20126550	9,402		-
Total ALN 10.912 Environmental Quality Incentives Program			9,402		-
Regional Conservation Partnership Program	10.932		5,905		-
Contract/Other	10.999		2,093		-
Total U.S. Department of Agriculture			2,884,527,559		30,312,175
U.S. Department of Commerce					
Cluster Grants	11.020		254,801		-
Economic Development Technical Assistance	11.303		96,588		18,674
<i>Economic Development Cluster</i>					
Economic Adjustment Assistance	11.307		5,246,595		-
<i>Total Economic Development Cluster</i>				5,246,595	
Interjurisdictional Fisheries Act of 1986	11.407		68,643		-
Sea Grant Support	11.417				
Pass-Through Mississippi State University		1620032056506	6,512		-
Pass-Through North Carolina State University		2020173403	20,731		-
Total ALN 11.417 Sea Grant Support			27,243		-
Coastal Zone Management Administration Awards	11.419		3,215,753		-
Coastal Zone Management Estuarine Research Reserves	11.420		852,397		-
Financial Assistance for National Centers for Coastal Ocean Science	11.426		574,553		-
Marine Mammal Data Program	11.439		40,578		-
Habitat Conservation	11.463		757,116		-
Unallied Science Program	11.472		145,156		-
Atlantic Coastal Fisheries Cooperative Management Act	11.474		207,594		-
Educational Partnership Program	11.481		2,802,222		-
Contract/Other	11.999		38,838		-
Pass-Through National Cybersecurity Center of Excellence		130953	5,004		-
Total ALN 11.999 Contract/Other			43,842		-
Total U.S. Department of Commerce			14,333,081		18,674
U.S. Department of Defense					
Procurement Technical Assistance For Business Firms	12.002		687,960		-
State Memorandum of Agreement Program for the Reimbursement of Technical Services	12.113		983,785		-
ROTC Language and Culture Training Grants	12.357				
Pass-Through Institute of International Education Inc.		PGO1801UMCP19PGO0 51PO2	17,974		-
Pass-Through Institute of International Education Inc.		PGO1801UMCP19PGO0 51PO3	98,106		-
Total ALN 12.357 ROTC Language and Culture Training Grants			116,080		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Defense (continued)					
National Guard Military Operations and Maintenance (O&M) Projects	12.401		\$ 22,773,213		\$ -
National Guard Challenge Program	12.404		2,083,536		-
COVID-19 Military Medical Research and Development	12.420		642,148		-
Military Medical Research and Development					
Pass-Through Dartmouth Hitchcock		GC10494-02-DGR15450	54,393		-
Pass-Through Denver Health and Hospital Authority		FY20.794.002	6,483		-
Pass-Through Intelligent Automation, Inc.		W81XWH-19-C-0008	12,346		-
Pass-Through JHU School of Hygiene/Pub Hlth		2003522951	108,143		-
Pass-Through Johns Hopkins Univ. SOM		2004680808	19,035		-
Pass-Through Johns Hopkins University - SOM		2002478761	10,135		-
Pass-Through Uniformed Services University		HU000118ACV04	98,692		-
Pass-Through University of Pittsburgh		CNVA00056666	4,610		-
Total ALN 12.420 Military Medical Research and Development			<u>955,985</u>		<u>-</u>
The Language Flagship Grants to Institutions of Higher Education	12.550				
Pass-Through Institute of International Education Inc.		0054UMCP13ARA280PO 14	216,991		-
Pass-Through Institute of International Education Inc.		0054UMCP13CULTURE2 80PO7	129,279		-
Pass-Through Institute of International Education Inc.		0054UMCP13PER280PO 15	483,764		-
Pass-Through Institute of International Education Inc.		0054UMCP13SSA280PO 12	52,000		-
Pass-Through Institute of International Education Inc.		0054UMCP13SSA280PO 13	35,656		-
Pass-Through Institute of International Education Inc.		0054UMCP13SSA280PO 16	17,508		-
Pass-Through Institute of International Education Inc.		0054UMCP13SSP280PO 17	10,000		-
Pass-Through Institute of International Education Inc.		BOR21UMCP13ARAPO1	27,456		-
Pass-Through Institute of International Education Inc.		BOR21UMCP13PERPO2	38,878		-
Total ALN 12.550 The Language Flagship Grants to Institutions of Higher Education			<u>1,011,532</u>		<u>-</u>
Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies	12.610		213,961		-
Economic Adjustment Assistance for State Governments	12.617		1,887,245		538,798
Past Conflict Accounting	12.740				
Pass-Through Middle Tennessee State University		5373807779301	5,790		-
Total ALN 12.740 Past Conflict Accounting			<u>5,790</u>		<u>-</u>
Intergovernmental Personnel Act	12.1PA		214,052		-
Contract/Other	12.999		4,580,463		8,537
Pass-Through Microlink Devices Inc.		21063050	18,118		-
Pass-Through Humacyte		Signed 06/12/17	65,155		-
Total ALN 12.999 Contract/Other			<u>4,663,736</u>		<u>8,537</u>
Total U.S. Department of Defense			<u>35,596,875</u>		<u>547,335</u>
U.S. Department of Housing and Urban Development					
Supportive Housing for Persons with Disabilities	14.181		486,146		-
<i>Section 8 Project Based Cluster</i>					
Section 8 Housing Assistance Payments Program	14.195		254,624,246		-
Lower Income Housing Assistance Program Section 8 Moderate Rehabilitation	14.856		313,821		-
<i>Section 8 Project Based Cluster Total</i>				<u>\$ 254,938,067</u>	
COVID 19 - Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	14.228		1,728,282		1,728,282
Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii			5,701,303		5,701,303
Total ALN 14.228 Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii			<u>7,429,585</u>		<u>7,429,585</u>
COVID19 - Emergency Solutions Grant Program	14.231		2,565,657		2,565,657
Emergency Solutions Grant Program			542,961		498,848
Total ALN 14.231 Emergency Solutions Grant Program			<u>3,108,618</u>		<u>3,064,505</u>
Home Investment Partnerships Program	12.239		8,126,617		50,000
COVID19 - Housing Opportunities for Persons with AIDS	14.241		44,292		-
Housing Opportunities for Persons with AIDS			2,066,584		2,019,931
Pass-Through City of Baltimore		Unknown	950		-
Pass-Through City of Wilmington, Delaware		Unknown	33,656		-
Total ALN 14.241 - Housing Opportunities for Persons with AIDS			<u>2,145,482</u>		<u>2,019,931</u>
Continuum of Care Program	14.267		5,788,575		5,462,669

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Housing and Urban Development (continued)					
<i>CDBG Disaster Recovery Cluster</i>					
Hurricane Sandy Community Development Block Grant Disaster Recovery Grants (CDBG-DR)	14.269		\$ 1,387,829		\$ -
<i>CDBG Disaster Recovery Cluster Total</i>				<u>\$ 1,387,829</u>	
Housing Trust Fund	14.275		2,506,792		-
Project Rental Assistance Demonstration (PRA Demo) Program of Section 811 Supportive Housing for Persons with Disabilities	14.326		2,195,648		-
Fair Housing Assistance Program State and Local	14.401		439,805		-
<i>Housing Voucher Cluster</i>					
COVID19 - Section 8 Housing Choice Vouchers	14.871		91,724		-
Section 8 Housing Choice Vouchers			<u>21,780,094</u>		-
Total ALN 14.871 Section 8 Housing Choice Vouchers			21,871,818		-
<i>Housing Voucher Cluster Total</i>				<u>21,871,818</u>	
Total U.S. Department of Housing and Urban Development			<u>310,424,982</u>		<u>18,026,690</u>
U.S. Department of the Interior					
Regulation of Surface Coal Mining and Surface Effects of Underground Coal Mining	15.250		1,150,739		-
Abandoned Mine Land Reclamation (AMLR)	15.252		1,170,442		-
Marine Minerals Activities	15.424		3,630		-
<i>Fish & Wildlife Cluster</i>					
Sport Fish Restoration	15.605		3,663,541		-
Wildlife Restoration and Basic Hunter Education	15.611		7,480,167		-
Enhanced Hunter Education and Safety	15.626		166,266		-
<i>Fish & Wildlife Cluster Total</i>				<u>11,309,974</u>	
Fish and Wildlife Management Assistance	15.608		24,939		-
Coastal Wetlands Planning, Protection and Restoration	15.614		40,379		-
Cooperative Endangered Species Conservation Fund	15.615		57,364		-
Clean Vessel Act	15.616		347,516		-
Sportfishing and Boating Safety Act	15.622		77,134		-
State Wildlife Grants	15.634		862,445		-
Hurricane Sandy Disaster Relief Activities-FWS	15.677		11,019		-
White-nose Syndrome National Response Implementation	15.684		32,316		-
U.S. Geological Survey Research and Data Collection	15.808		71,121		-
National Cooperative Geologic Mapping	15.81		119,063		-
National Geological and Geophysical Data Preservation	15.814		52,776		-
Historic Preservation Fund Grants-In-Aid	15.904		939,856		77,838
Outdoor Recreation Acquisition, Development and Planning	15.916		350,415		-
National Maritime Heritage Grants	15.925		192,664		186,670
American Battlefield Protection	15.926		42,967		-
Save America's Treasures	15.929		32,637		-
Chesapeake Bay Gateways Network	15.930		148,770		-
Cooperative Research and Training Programs – Resources of the National Park System	15.945		65,062		-
National Park Service Conservation, Protection, Outreach, and Education	15.954		697		-
National Ground-Water Monitoring Network	15.980		62,164		-
Contract/Other	15.999		146,993		-
Total U.S. Department of the Interior			<u>17,313,082</u>		<u>264,508</u>
U.S. Department of Justice					
Law Enforcement Assistance Narcotics and Dangerous Drugs Training	16.004		143,086		-
Sexual Assault Services Formula Program	16.017		338,186		321,415
Coronavirus Emergency Supplemental Funding Program	16.034		1,664,808		1,591,051
Juvenile Accountability Block Grants	16.523		437,752		-
Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	16.525		71,816		-
Juvenile Justice and Delinquency Prevention	16.540		822,416		348,574
State Justice Statistics Program for Statistical Analysis Centers	16.550		12,039		12,039
National Criminal History Improvement Program (NCHIP)	16.554		484,565		-
Crime Victim Assistance	16.575		40,873,161		40,230,714
Crime Victim Compensation	16.576		749,717		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Justice (continued)					
Crime Victim Assistance/Discretionary Grants	16.582		\$ 496,552		\$ 281,526
Pass-Through Equal Justice Works		2018CVJC047	2,942		-
Total ALN 16.582 Crime Victim Assistance/Discretionary Grants			499,494		281,526
Violence Against Women Formula Grants	16.588		2,406,778		2,070,398
Residential Substance Abuse Treatment for State Prisoners	16.593		53,788		41,166
Project Safe Neighborhoods	16.609		1,852,174		147,438
State and Local Anti-Terrorism Training	16.614				
Pass-Through Institute For Intergovernmental Research		19082374	193,433		-
Total ALN 16.614 State and Local Anti-Terrorism Training			193,433		-
Public Safety Partnership and Community Policing Grants	16.710		2,338,393		-
Special Data Collections and Statistical Studies	16.734		580,387		-
PREA Program: Strategic Support for PREA Implementation	16.735		35,470		12,585
Edward Byrne Memorial Justice Assistance Grant Program	16.738		3,529,461		2,877,549
DNA Backlog Reduction Program	16.741		332,278		-
Paul Coverdell Forensic Sciences Improvement Grant Program	16.742		247,427		226,542
Criminal and Juvenile Justice and Mental Health Collaboration Program	16.745		176,957		-
Support for Adam Walsh Act Implementation Grant Program	16.750		56,107		-
Edward Byrne Memorial Competitive Grant Program	16.751		35,856		90,325
Harold Rogers Prescription Drug Monitoring Program	16.754		272,993		-
Recovery Act - Internet Crimes against Children Task Force Program (ICAC)	16.800		324,679		-
Second Chance Act Reentry Initiative	16.812		220,085		121,963
NICS Act Record Improvement Program	16.813		170,071		-
John R. Justice Prosecutors and Defenders Incentive Act	16.816		37,977		-
Byrne Criminal Justice Innovation Program	16.817				
Pass-Through CASA de Maryland		19051413	40,969		-
Total ALN 16.817 Byrne Criminal Justice Innovation Program			40,969		-
Postconviction Testing of DNA Evidence	16.820		2,966		-
National Sexual Assault Kit Initiative	16.833		222,410		121,475
Body Worn Camera Policy and Implementation	16.835		79,954		-
Indigent Defense	16.836		163,707		-
Comprehensive Opioid, Stimulant, and Substance Abuse Program	16.838		203,419		199,606
Pass-Through Police Foundation		2017-AR-BX-K003	1,191,536		24,335
Total ALN 16.838 Comprehensive Opioid, Stimulant, and Substance Abuse Program			1,394,955		223,941
STOP School Violence	16.839		226,312		-
Opioid Affected Youth Initiative	16.842		192,637		-
Equitable Sharing Program	16.922		2,895,424		-
Total U.S. Department of Justice			64,180,688		48,718,701
U.S. Department of Labor					
Labor Force Statistics	17.002		1,077,841		-
Compensation and Working Conditions	17.005		162,736		-
COVID19 - Unemployment Insurance	17.225		7,105,400,284		-
Unemployment Insurance			1,255,704,294		-
Total ALN 17.225 Unemployment Insurance			8,361,104,578		-
Senior Community Service Employment Program	17.235		483,277		-
Trade Adjustment Assistance	17.245		3,633,643		-
<i>WIOA Cluster</i>					
WIOA Adult Program	17.258		10,286,697		-
WIOA Youth Activities	17.259		10,238,447		-
WIOA Dislocated Worker Formula Grants	17.278		1,615,685		-
<i>WIOA Cluster Total</i>				\$ 22,140,829	
WIA Dislocated Workers	17.260		9,679,003		-
WIOA Pilots, Demonstrations, and Research Projects	17.261		385,569		-
Work Opportunity Tax Credit Program (WOTC)	17.271		564,445		-
Temporary Labor Certification for Foreign Workers	17.273		310,524		-
COVID-19 WIOA National Dislocated Worker Grants / WIA National Emergency Grants	17.277		713,513		-
WIOA National Dislocated Worker Grants / WIA National Emergency Grants			9,307		-
Total ALN 17.277 WIOA National Dislocated Worker Grants / WIA National Emergency Grants			722,820		-
WIOA Dislocated Worker National Reserve Demonstration Grants	17.280		312,703		-
WIOA Dislocated Worker National Reserve Technical Assistance and Training	17.281		2,693,411		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Labor (continued)					
Apprenticeship USA Grants	17.285		\$ 1,003,795		\$ -
Occupational Safety and Health State Program	17.503		4,030,569		-
Consultation Agreements	17.504		748,923		-
Mine Health and Safety Grants	17.600		40,659		-
<i>Employee Services Cluster</i>					
Jobs for Veterans State Grants	17.801		1,826,354		-
Local Veterans' Employment Representative Program	17.804		1,419,614		-
<i>Employee Services Cluster Total</i>				\$ 3,245,968	
Total U.S. Department of Labor			8,412,341,293		-
U.S. Department of State					
Conflict and Stabilization Operations	19.121		82,264		-
Trans-Sahara Counterterrorism Partnership (TSCTP)	19.222		91,218		12,470
Academic Exchange Programs - English Language Programs	19.421				
Pass-Through FHI 360		PO19002789	8,741		-
Pass-Through FHI 360		PO200002925	200,637		-
Pass-Through FHI 360		PO20001398	63,358		-
Pass-Through FHI 360		PO20002098	120,000		-
Total ALN 19.421 Academic Exchange Programs - English Language Programs			392,736		-
Middle East Partnership Initiative	19.500		275,151		212,509
Contract/Other	19.999		3,707		3,707
Total U.S. Department of State			845,076		228,686
U.S. Department of Transportation					
COVID-19 - Airport Improvement Program	20.106		21,462,068		-
Airport Improvement Program			7,560,236		-
Total ALN 20.106 Airport Improvement Program			29,022,304		-
Highway Research and Development Program	20.200		35,696		-
<i>Highway Planning & Construction Cluster</i>					
Highway Planning and Construction	20.205		232,341,647		-
Recreational Trails Program	20.219		630,476		259,930
<i>Highway Planning & Construction Cluster Total</i>				232,972,123	
Highway Training and Education	20.215		435		-
<i>FMCSA Cluster</i>					
Motor Carrier Safety Assistance	20.218		1,840,417		-
<i>FMCSA Cluster Total</i>				1,840,417	
Commercial Driver's License Program Implementation Grant	20.232		71,038		-
Maglev Project Selection Program - SAFETEA-LU	20.318		1,204,092		-
Railroad Safety Technology Grants	20.321		142,337		-
<i>Federal Transit Cluster</i>					
Federal Transit Capital Investment Grants	20.500		57,112,917		-
Federal Transit Formula Grants	20.507		543,366,076		404,806,936
State of Good Repair Grants Program	20.525		125,333,973		3,879,900
Buses and Bus Facilities Formula, Competitive, and Low or No Emissions Programs	20.526		9,668,023		1,660,024
<i>Federal Transit Cluster Total</i>				735,480,989	
Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research	20.505		10,078,039		-
Formula Grants for Rural Areas and Tribal Transit Program	20.509		11,670,424		507,220
<i>Transit Services Programs Cluster</i>					
Enhanced Mobility of Seniors and Individuals with Disabilities	20.513		2,651,914		-
<i>Transit Services Programs Cluster Total</i>				2,651,914	
Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program	20.528		608,086		-
Public Transportation Innovation	20.530		79,824		-
National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements	20.614		86,182		-
COVID-19 E-911 Grant Program	20.615				
Pass-Through Dunlap and Associates		DTNH2211D00225L/0006	76,194		-
E-911 Grant Program			324,066		-
Pass-Through Dunlap and Associates		DTNH2217D00031/693JJ 920F000082	190,437		-
Total ALN 20.615E-911 Grant Program			590,697		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Transportation (continued)					
<i>Highway Safety Cluster</i>					
State and Community Highway Safety	20.600		\$ 3,725,673		\$ 1,610,930
Motor Carrier Safety Assistance	20.616		4,544,775		2,832,476
Pass-Through Impact Research, LLC		Unknown	12,544		-
Total ALN 20.616 Motor Carrier Safety Assistance			4,557,319		2,832,476
<i>Highway Safety Cluster Total</i>				\$ 8,282,992	
Pipeline Safety Program State Base Grant	20.700		708,690		-
Interagency Hazardous Materials Public Sector Training and Planning Grants	20.703		167,600		48,945
Ballast Water Treatment Technologies	20.819		74,667		-
National Infrastructure Investments	20.933		6,597,119		1,956,648
State and Local Government Data Analysis Tools for Roadway Safety	20.935		335,552		-
Contract/Other	20.999		4,025,470		1,220,000
Pass-Through Metropolitan Washington Council of Governments		17056	43,517		-
Pass-Through White Clay Watershed Association		18123597	17,380		-
Total ALN 20.999 Contract/Other			4,086,367		1,220,000
Total U.S. Department of Transportation			1,046,787,584		418,783,009
U.S. Department of the Treasury					
Low Income Taxpayer Clinics	21.008				
Pass-Through UB Foundation		20-LITC0399-02-00	53,338		-
Pass-Through UB Foundation		21-LITC0399-03-00	67,374		-
Total ALN 21.008 Low Income Taxpayer Clinics			120,712		-
Equitable Sharing	21.016		172,078		-
COVID-19 Coronavirus Relief Fund	21.019		664,574,293		-
Emergency Rental Assistance Program	21.023		19,379,710		18,663,439
COVID-19 Coronavirus State and Local Fiscal Recovery Funds	21.027		451,064,961		170,864,565
Total U.S. Department of the Treasury			1,135,311,754		189,528,004
Appalachian Regional Commission					
Appalachian Area Development	23.002		767,336		-
Appalachian Research, Technical Assistance, and Demonstration Projects	23.011		61,000		-
Pass-Through East Tennessee State University		Unknown	4,750		-
Total ALN 23.011 Appalachian Research, Technical Assistance, and Demonstration Projects			65,750		-
Total Appalachian Regional Commission			833,086		-
U.S. Equal Employment Opportunity Commission					
Employment Discrimination Title VII of the Civil Rights Act of 1964	30.001		547,554		-
Total U.S. Equal Employment Opportunity Commission			547,554		-
Federal Trade Commission					
Intergovernmental Personnel Act	36.IPA		135,351		-
Total Federal Trade Commission			135,351		-
General Services Administration					
Donation of Federal Surplus Personal Property (Noncash)	39.003		2,812,530		-
Intergovernmental Personnel Act	39.IPA		54,072		-
Total General Services Administration			2,866,602		-
Library of Congress					
Contract/Other	42.999				
Pass-Through National Film Preservation Foundation		FED20-024	9,457		-
Total ALN 42.999 Contract/Other			9,457		-
Total Library of Congress			9,457		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
National Aeronautics and Space Administration					
Science					
Pass-Through Space Telescope Science Institute	43.001	HSTHF251406002A	\$ 14,573		\$ -
Total ALN 43.001 Science			14,573		-
Office of Stem Engagement (OSTEM)	43.008		47,063		-
Contract/Other	43.999		125,000		-
Pass-Through Johns Hopkins University Applied Physics Labo		162433	26,313		-
Total ALN 43.999 Contract/Other			151,313		-
Total National Aeronautics and Space Administration			212,949		-
National Endowment for the Humanities					
Promotion of the Arts Grants to Organizations and Individuals	45.024		22,124		-
Promotion of the Arts Partnership Agreements	45.025		925,916		-
Promotion of the Humanities Division of Preservation and Access	45.149		189,096		30,474
Promotion of the Humanities Fellowships and Stipends	45.160		45,112		-
Promotion of the Humanities Research	45.161		42,368		-
Promotion of the Humanities Teaching and Learning Resources and Curriculum Development	45.162		25,653		-
Promotion of the Humanities Public Programs	45.164		152		-
Museum Grants for African American History and Culture	45.309		2,318		-
Grants to States	45.310		3,665,199		2,649,432
COVID-19 National Leadership Grants	45.312		25,906		-
Laura Bush 21st Century Librarian Program	45.313				
Pass-Through University of Washington		UWSC12126BPO79105	26,273		-
Laura Bush 21st Century Librarian Program			26,273		-
Total National Endowment for the Humanities			4,970,117		2,679,906
National Science Foundation					
Mathematical and Physical Sciences	47.049		5,574		5,574
Biological Sciences	47.074		1,639		-
Social, Behavioral, and Economic Sciences	47.075		8,472		-
Education and Human Resources	47.076		86,091		-
Total National Science Foundation			101,776		5,574
Small Business Administration					
Small Business Development Centers	59.037		4,477,367		1,316,259
State Trade Expansion	59.061		87,452		-
Total Small Business Administration			4,564,819		1,316,259
U.S. Department of Veterans Affairs					
COVID-19 Veterans State Nursing Home Care	64.015		1,554,674		-
Veterans State Nursing Home Care			15,282,315		-
Total ALN 64.015 Veterans State Nursing Home Care			16,836,989		-
VA Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces	64.034		15,612		-
VHA Home Care	64.044		1,645,540		1,645,540
Burial Expenses Allowance for Veterans	64.101		1,539,638		-
Vocational and Educational Counseling for Servicemembers and Veterans	64.125		319,327		-
Veterans Cemetery Grants Program	64.203		5,202,840		-
Intergovernmental Personnel Act	64.IPA		2,132,031		-
Pass-Through Baltimore Research and Education Foundation		Unknown	896		-
Total ALN 64.IPA Intergovernmental Personnel Act			2,132,927		-
Total U.S. Department of Veterans Affairs			27,692,873		1,645,540
Environmental Protection Agency					
Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act	66.034		520,285		-
Diesel Emission Reduction Act (DERA) National Grants	66.039		689,049		-
Pass-Through Mid-Atlantic Regional Air Management Association		DL201900101	28,038		-
Pass-Through Mid-Atlantic Regional Air Management Association		DL202000102	17,703		-
Total ALN 66.039 Diesel Emission Reduction Act (DERA) National Grants			734,790		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Environmental Protection Agency (continued)					
Diesel Emissions Reduction Act (DERA) State Grants	66.040		\$ 1,239,039		\$ -
Environmental Finance Center Grants	66.203		288,895		-
Pass-Through University of North Carolina at Chapel Hill		5116394	43,119		-
Pass-Through University of Southern Maine		EFCCA01	11,304		-
Total ALN 66.203 Environmental Finance Center Grants			<u>343,318</u>		<u>-</u>
Water Quality Management Planning	66.454		433,131		-
National Estuary Program	66.456				
Pass-Through Maryland Coastal Bays		19072087	4,328		-
Total ALN 66.456 National Estuary Program			<u>4,328</u>		<u>-</u>
Clean Water State Revolving Fund Cluster					
Capitalization Grants for Clean Water State Revolving Funds	66.458		2,864,000		-
Clean Water State Revolving Fund Cluster Total				<u>\$ 2,864,000</u>	<u>-</u>
Nonpoint Source Implementation Grants	66.460		1,682,541		-
Regional Wetland Program Development Grants	66.461		122,868		-
Chesapeake Bay Program	66.466		11,076,900		-
Pass-Through Alliance for the Chesapeake Bay		60315049805	40,000		-
Pass-Through National Fish and Wildlife Foundation		69826	64,153		-
Total ALN 66.466 Chesapeake Bay Program			<u>11,181,053</u>		<u>-</u>
Beach Monitoring and Notification Program Implementation Grants	66.472		242,446		-
Office of Research and Development Consolidated Research/Training/Fellowships	66.511				
Pass-Through The Water Research Foundation		LCASW1SG16	35,502		-
Total ALN 66.511 Office of Research and Development Consolidated Research/Training/Fellowships			<u>35,502</u>		<u>-</u>
Performance Partnership Grants	66.605		10,793,893		-
Pollution Prevention Grants Program	66.708		67,351		-
Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements	66.802		322,541		-
Underground Storage Tank (UST) Prevention, Detection, and Compliance Program	66.804		638,833		-
Leaking Underground Storage Tank Trust Fund Corrective Action Program	66.805		1,053,840		-
Superfund State and Indian Tribe Core Program Cooperative Agreements	66.809		30,638		-
State and Tribal Response Program Grants	66.817		189,582		-
Pass-Through Charles County Government, Maryland		Unknown	229		-
Total ALN 66.817 State and Tribal Response Program Grants			<u>189,811</u>		<u>-</u>
Contract/Other	66.999				
Pass-Through Pacific Northwest National Laboratory op. Batte		5111289	14,757		-
Total ALN 66.999 Contract/Other			<u>14,757</u>		<u>-</u>
Total Environmental Protection Agency			<u>32,514,965</u>		<u>-</u>
U.S. Department of Energy					
State Energy Program	81.041		1,733,207		-
Weatherization Assistance for Low-Income Persons	81.042		3,472,269		3,126,975
Office of Science Financial Assistance Program	81.049				
Pass-Through CPWR: The Center for Construction Research		1080-73-A3	67,947		-
Total ALN 81.049 Office of Science Financial Assistance Program			<u>67,947</u>		<u>-</u>
Epidemiology and Other Health Studies Financial Assistance Program	81.108				
Pass-Through CPWR: The Center for Construction Research		1080-80	53,144		-
Total ALN 81.108 Epidemiology and Other Health Studies Financial Assistance Program			<u>53,144</u>		<u>-</u>
State Energy Program Special Projects	81.119		117,687		117,687
National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program					
Pass-Through Norfolk State University		F1040061-16-03	55,301		-
Total ALN 81.123 National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program			<u>55,301</u>		<u>-</u>
Energy Efficiency and Conservation Block Grant Program (EECBG)	81.128		795,511		-
State Heating Oil and Propane Program	81.138		10,000		-
Intergovernmental Personnel Act	81.1PA		312,159		-
Contract/Other	81.999				
Pass-Through Krell Institute		20105464	17,015		-
Total ALN 81.999 Contract/Other			<u>17,015</u>		<u>-</u>
Total U.S. Department of Energy			<u>6,634,240</u>		<u>3,244,662</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Education					
Adult Education - Basic Grants to States	84.002		\$ 10,379,186		\$ -
Title I Grants to Local Educational Agencies	84.010		198,166,965		-
Migrant Education State Grant Program	84.011		171,345		147,820
Title I State Agency Program for Neglected and Delinquent Children and Youth	84.013		2,850,640		597,141
<i>Special Ed (IDEA) Cluster</i>					
Special Education Grants to States	84.027		202,426,498		34,189,612
Special Education Preschool Grants	84.173		6,922,696		4,367,823
<i>Special Ed (IDEA) Cluster Total</i>				\$ 209,349,194	
<i>TRIO Cluster</i>					
TRIO Student Support Services	84.042		1,651,322		-
TRIO Talent Search	84.044		888,325		-
TRIO Upward Bound	84.047		4,454,005		-
TRIO Educational Opportunity Centers	84.066		304,450		-
TRIO McNair Post-Baccalaureate Achievement	84.217		564,382		-
<i>TRIO Cluster Total</i>				7,862,484	
Higher Education Institutional Aid	84.031		32,547,429		-
Federal Family Education Loan (FFEL) Program	84.032		6,098,658		-
Career and Technical Education -- Basic Grants to States	84.048		16,976,946		9,081,092
Career and Technical Education -- National Programs	84.051		116,557		61,398
Fund for the Improvement of Postsecondary Education	84.116		198,705		198,705
Minority Science and Engineering Improvement	84.120		516,710		-
Rehabilitation Services Vocational Rehabilitation Grants to States	84.126		35,212,551		2,580,294
Pass-Through Vermont Agency of Human Services		41434	8,279		-
Total ALN 84.126 Rehabilitation Services Vocational Rehabilitation Grants to States			35,220,830		2,580,294
Rehabilitation Long-Term Training	84.129		36,325		-
National Institute on Disability and Rehabilitation Research	84.133				
Pass-Through TransCen Inc.		90RT50340200	64,506		-
National Institute on Disability and Rehabilitation Research			64,506		-
Migrant Education College Assistance Migrant Program	84.149		276,191		-
Rehabilitation Services Client Assistance Program	84.161		238,073		-
Independent Living_State Grants	84.169		247,117		154,543
Rehabilitation Services Independent Living Services for Older Individuals Who are Blind	84.177		678,544		-
Special Education-Grants for Infants and Families	84.181		7,192,911		6,313,170
School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)	84.184		227,487		227,487
Pass-Through Prince Georges County Public Schools		21063427	25,478		-
Total ALN 84.184 School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)			252,965		227,487
Supported Employment Services for Individuals with the Most Significant Disabilities	84.187		96,805		-
Education for Homeless Children and Youth	84.196		1,078,574		408,188
Graduate Assistance in Areas of National Need	84.200		434,554		-
Javits Gifted and Talented Students Education	84.206		328,475		-
Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods	84.215		5,125,250		665,574
Centers for International Business Education	84.220		171,754		-
Language Resource Centers	84.229		138,094		-
Charter Schools	84.282		2,392,974		1,355,312
Twenty-First Century Community Learning Centers	84.287		14,850,632		9,014,817
Ready-To-Learn Television	84.295		122,487		-
Pass-Through Corporation for Public Broadcasting		RTL-2015-20 CC-ELM:MPT	64,064		-
Total ALN 84.295 Ready-To-Learn Television			186,551		-
Education Research, Development and Dissemination	84.305				
Pass-Through Arizona State University		ASUB00000319	25,779		-
Pass-Through Educational Testing Service		UMDED305A	46,068		-
Pass-Through Stanford University		62437295137991	22,865		-
Pass-Through University of Virginia		GM10176PO2210409	98,064		-
Total ALN 84.305 Education Research, Development and Dissemination			192,776		-
Research in Special Education	84.324		690,670		369,976

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Education (continued)					
Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325		\$ 717,351		\$ -
Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	84.326		296,630		248,616
Pass-Through The University of Texas at Austin		UTA15000890	96,386		-
Pass-Through University of North Carolina at Charlotte		2021102806UMD	154,936		-
Total ALN 84.326 Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			547,952		248,616
Gaining Early Awareness and Readiness for Undergraduate Programs	84.334		579,231		314,099
Child Care Access Means Parents in School	84.335		43,331		-
Teacher Quality Partnership Grants	84.336		1,931,008		-
Rural Education	84.358		26,640		-
English Language Acquisition State Grants	84.365		9,953,629		4,606,998
Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)	84.367		27,239,330		4,817,173
Pass-Through Maryland Writing Project		UI367D150004	3,684		-
Total ALN 84.367 Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)			27,243,014		4,817,173
Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)	84.368		730,675		317,715
Grants for State Assessments and Related Activities	84.369		5,582,367		-
Comprehensive Literacy Development	84.371		9,508,851		506,887
Statewide Longitudinal Data Systems	84.372		627,326		-
School Improvement Grants	84.377		3,880,855		3,500,000
Strengthening Minority-Serving Institutions	84.382		520,766		-
Education Innovation and Research (formerly Investing in Innovation (i3) Fund)	84.411				
Pass-Through TERC		44127	66,728		-
Total ALN 84.411 Education Innovation and Research (formerly Investing in Innovation (i3) Fund)			66,728		-
Promoting Readiness of Minors in Supplemental Security Income	84.418		428,216		-
Preschool Development Grants	84.419		3,577		-
Disability Innovation Fund (DIF)	84.421		5,752,947		3,790,295
Student Support and Academic Enrichment Program	84.424		15,536,576		2,776,213
COVID-19 - Education Stabilization Fund	84.425				
COVID-19 - Governor's Emergency Education Relief Fund	84.425C		871,185		315,307
COVID-19 - Elementary And Secondary School Emergency Relief Fund	84.425D		29,967,971		29,967,971
Pass-Through Prince Georges County Public Schools		57713	59,030		-
Total ALN 84.425D COVID-19 - Elementary And Secondary School Emergency Relief Fund			30,027,001		29,967,971
COVID-19 - HEERF Student Aid Portion	84.425E		65,384,480		2,605,282
COVID-19 - HEERF Institutional Portion	84.425F		156,634,417		-
COVID-19 - HEERF Historically Black Colleges And Universities (HBCUs)	84.425J		67,539,666		-
COVID-19 - HEERF Minority Serving Institutions (MSIs)	84.425L		363,064		-
COVID-19 - HEERF Strengthening Institutions Program (SIP)	84.425M		958,524		-
COVID-19 - Coronavirus Response And Relief Supplemental Appropriations Act, 2021 - Emergency Assistance For Non-Public Schools (CRRSA EANs)	84.425R		111,022,741		12,373,023
Total ALN 84.425 COVID-19 - Education Stabilization Fund			432,801,078		45,261,583
Disaster Recovery Assistance for Education	84.938		111,656		28,994
Research and Development - U.S. Department of Education	84.RD				
Pass-Through A. P. Ventures, LLC		19092509	210		-
Pass-Through Duke University		3410031	6,680		-
Total ALN 84.RD Research and Development - U.S. Department of Education			6,890		-
COVID-19 Contract/Other					
Pass-Through American Institutes for Research		GS-00F-347CA/ED-ESE-16-A-0002	33,251		-
Contract/Other	84.999		291,665		-
Total ALN 84.999 Contract/Other			324,916		-
Total U.S. Department of Education			1,072,054,970		135,901,525
National Archives and Records Administration					
National Historical Publications and Records Grants	89.003		105,869		-
Total National Archives and Records Administration			105,869		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Election Assistance Commission					
COVID-19 Help America Vote Act Requirements Payments	90.401		\$ 3,256,510		\$ -
2018 HAVA Election Security Grants	90.404		1,064,982		-
Total Election Assistance Commission			4,321,492		-
U.S. Institute of Peace					
Contract/Other	91.999		16,669		-
Total U.S. Institute of Peace			16,669		-
U.S. Department of Health and Human Services					
Medical Reserve Corps Small Grant Program	93.008		7,450		-
Special Programs for the Aging, Title VII, Chapter 3, Programs for Prevention of Elder Abuse, Neglect, and Exploitation	93.041		83,765		83,765
COVID-19 Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals	93.042		280,561		-
Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals			317,031		311,305
Total ALN 93.042 Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals			597,592		311,305
COVID-19 Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services	93.043		54,096		-
Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services			445,098		274,526
Total ALN 93.043 Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services			499,194		274,526
<i>Aging Cluster</i>					
COVID-19 Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers	93.044		2,552,979		472,033
Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers			7,654,238		7,654,238
Total ALN 93.044 Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers			10,207,217		8,126,271
COVID-19 Special Programs for the Aging, Title III, Part C, Nutrition Services	93.045		1,066,255		-
Special Programs for the Aging, Title III, Part C, Nutrition Services			20,076,315		18,823,470
Total ALN 93.045 Special Programs for the Aging, Title III, Part C, Nutrition Services			21,142,570		18,823,470
Nutrition Services Incentive Program	93.053		1,652,528		916,965
<i>Aging Cluster Total</i>				\$ 33,002,315	
COVID-19 Special Programs for the Aging, Title IV, and Title II, Discretionary Projects	93.048		177,570		-
Special Programs for the Aging, Title IV, and Title II, Discretionary Projects			505,403		462,712
Total ALN 93.048 Special Programs for the Aging, Title IV, and Title II, Discretionary Projects			682,973		462,712
COVID-19 National Family Caregiver Support, Title III, Part E	93.052		891,873		-
National Family Caregiver Support, Title III, Part E			3,279,466		2,886,742
Total ALN 93.052 National Family Caregiver Support, Title III, Part E			4,171,339		2,886,742
Global AIDS	93.067		22,603,207		-
Pass-Through Institute of Human Virology, Nigeria		26141	81,187		-
Pass-Through Institute of Human Virology, Nigeria		PSA ACHIEVE-DAKUM	173,553		-
Total ALN 93.067 Global AIDS			22,857,947		-
Public Health Emergency Preparedness	93.069		10,752,864		6,663,508
Pass-Through Baltimore City Health Dept.		CO#39636	113,816		-
Pass-Through Baltimore City Health Dept.		CO#39212	534		-
Total ALN 93.069 Public Health Emergency Preparedness			10,867,214		6,663,508
Environmental Public Health and Emergency Response	93.070		1,166,110		491,208
Medicare Enrollment Assistance Program	93.071		350,249		213,254
Lifespan Respite Care Program	93.072		21,328		-
Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance	93.079		96,397		-
Pass-Through American Academy of Pediatrics		161035013-NCSMH	28,732		-
Total ALN 93.079 Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance			125,129		-
Guardianship Assistance	93.090		2,931,180		2,671
Affordable Care Act (ACA) Personal Responsibility Education Program	93.092		789,727		748,832
Food and Drug Administration Research	93.103		1,867,434		-
Pass-Through Duke University Medical Center		234691/240919	7,231		-
Total ALN 93.103 Food and Drug Administration Research			1,874,665		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Health and Human Services (continued)					
Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)	93.104		\$ 725,085		\$ -
Pass-Through Tennessee Dept of Mental Health & Substa		56524	105,588		7,441
Total ALN 93.104 Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)			<u>830,673</u>		<u>7,441</u>
Maternal and Child Health Federal Consolidated Programs	93.110		171,626		171,626
Pass-Through Johns Hopkins University		2004441022	664,826		-
Pass-Through National Assembly on School-based Health		Signed 10/21/20	250,352		-
Pass-Through National Assembly on School-based Health		SIGNED12192019	97,096		-
Total ALN 93.110 Maternal and Child Health Federal Consolidated Programs			<u>1,183,900</u>		<u>171,626</u>
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	93.116		1,156,333		368,450
Acquired Immunodeficiency Syndrome (AIDS) Activity	93.118		254,378		223,277
Emergency Medical Services for Children	93.127		113,745		-
Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices	93.130		221,494		-
Injury Prevention and Control Research and State and Community Based Programs	93.136		6,621,618		693,131
COVID-19 HIV-Related Training and Technical Assistance	93.145				
Pass-Through University of Pittsburgh		CNVA00050178 (135293-5)	1,080		-
HIV-Related Training and Technical Assistance			<u>1,448</u>		<u>-</u>
Total ALN 93.145 HIV-Related Training and Technical Assistance			2,528		-
Projects for Assistance in Transition from Homelessness (PATH)	93.150		1,203,852		1,203,852
Grants to States for Loan Repayment	93.165		450,145		450,145
Disabilities Prevention	93.184		158,058		54,081
Childhood Lead Poisoning Prevention Projects, State and Local Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children	93.197		757,286		-
Family Planning Services	93.217		3,206,046		98,110
Research on Healthcare Costs, Quality and Outcomes	93.226				
Pass-Through Magee-Women's Research Institute and Foundation		4039MD	22,126		-
Total ALN 93.226 Research on Healthcare Costs, Quality and Outcomes			<u>22,126</u>		<u>-</u>
Traumatic Brain Injury State Demonstration Grant Program	93.234		119,446		-
Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program	93.235		557,342		531,250
Grants to States to Support Oral Health Workforce Activities	93.236		378,153		102,707
Mental Health Research Grants	93.242				
Pass-Through Johns Hopkins University		2004707956	35,037		-
Mental Health Research Grants			<u>35,037</u>		<u>-</u>
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		3,762,047		2,582,330
Pass-Through Community Connections		UMD63135SAMHSA	44,550		-
Total ALN 93.243 Substance Abuse and Mental Health Services Projects of Regional and National Significance			<u>3,806,597</u>		<u>2,582,330</u>
Early Hearing Detection and Intervention	93.251		107,029		-
Occupational Safety and Health Program	93.262		147,860		-
COVID-19 Immunization Cooperative Agreements (Noncash)	93.268		33,445,499		31,442,810
Immunization Cooperative Agreements (Noncash)			4,956,065		2,481,923
Pass-Through Baltimore City Health Dept.		FHC69CHS	8,862		-
Total ALN 93.268 Immunization Cooperative Agreements			<u>38,410,426</u>		<u>33,924,733</u>
Viral Hepatitis Prevention and Control	93.270		122,109		58,702
Drug-Free Communities Support Program Grants	93.276				
Pass-Through Cecil County Government, Maryland		2H79SP020558-06	91,971		-
Total ALN 93.276 Drug-Free Communities Support Program Grants			<u>91,971</u>		<u>-</u>
State Partnership Grant Program to Improve Minority Health	93.296		76,903		-
Teenage Pregnancy Prevention Program (Noncash)	93.297		1,311,591		1,277,265
Pass-Through Healthy Teen Network		TP1AH000234	40,088		-
Teenage Pregnancy Prevention Program			<u>1,351,679</u>		<u>1,277,265</u>
Small Rural Hospital Improvement Grant Program	93.301		11,855		11,855
Minority Health and Health Disparities Research	93.307				
Pass-Through University of Pittsburgh		0041119 (124864-9)	5,097		-
Total ALN 93.307 Minority Health and Health Disparities Research			<u>5,097</u>		<u>-</u>
Trans-NIH Research Support	93.310				
Pass-Through Institute of Human Virology, Nigeria		PSA SCGN ABIMIKU	22,189		-
Pass-Through Institute of Human Virology, Nigeria		U54HG006947	2,409		-
Total ALN 93.310 Trans-NIH Research Support			<u>24,598</u>		<u>-</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
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YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Health and Human Services (continued)					
Emerging Infections Programs	93.317		\$ 3,796,997		\$ 1,073,671
COVID-19 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		55,322,272		21,849,841
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)			178,780,465		178,780,465
Total ALN 93.323 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)			234,102,737		200,630,306
State Health Insurance Assistance Program	93.324		723,103		561,277
Behavioral Risk Factor Surveillance System	93.336		187,598		48,975
COVID-19 National Center for Advancing Translational Sciences	93.350				
Pass-Through Vanderbilt University		VUMC86235	19,586		-
National Center for Advancing Translational Sciences			7,139		-
Total ALN 93.350 National Center for Advancing Translational Sciences			26,725		-
COVID-19 Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	93.354		6,417,903		-
Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response			88,300		8,106
Pass-Through Baltimore City Health Department		CO# 39630	77,878		-
Total ALN 93.354 Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response			6,584,081		8,106
Nurse Education, Practice Quality and Retention Grants	93.359				
Pass-Through Valley Health System		6 UD7HP37642-01-01	31,524		-
Pass-Through Valley Health System		6 UD7HP37642-01-04	105,629		-
Total ALN 93.359 Nurse Education, Practice Quality and Retention Grants			137,153		-
State Actions to Improve Oral Health Outcomes and Partner Actions to Improve Oral Health Outcomes	93.366		305,512		41,778
Flexible Funding Model - Infrastructure Development and Maintenance for State Manufactured Food Regulatory Programs	93.367		489,623		-
ACL Independent Living State Grants	93.369		5,638		-
National and State Tobacco Control Program	93.387		1,072,054		559,248
Cancer Detection and Diagnosis Research	93.394				
Pass-Through George Washington University		19-M106	107,470		-
Pass-Through George Washington University		19-M67	80,090		-
Cancer Detection and Diagnosis Research			187,560		-
Cancer Treatment Research	93.395				
Pass-Through NRG Oncology Foundation Inc.		PSA Signed 1/28/2015	35,558		27,925
Pass-Through Oncolmmune, Inc.		SIGNED111519	21,498		-
Pass-Through Southwest Oncology Group		IRB#80710	432		-
Total ALN 93.395 Cancer Treatment Research			57,488		27,925
Cancer Biology Research	93.396				
Pass-Through University of Delaware		Unknown	8,457		-
Total ALN 93.396 Cancer Biology Research			8,457		-
Cancer Centers Support Grants	93.397				
Pass-Through Children's Hosp/Philadelphia		ANHL1131	5,642		-
Pass-Through NRG Oncology Foundation Inc.		NRG-BR003	110		-
Total ALN 93.397 Cancer Centers Support Grants			5,752		-
COVID-19 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421		8,577		-
Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health			140,551		-
Pass-Through American Hospital Association		87735	7,386		-
Total ALN 93.421 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health			156,514		-
1332 State Innovation Waivers	93.423		352,855,535		-
Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke	93.426		1,342,505		712,707
Every Student Succeeds Act/Preschool Development Grants	93.434		6,932,502		5,140,078
Pass-Through Kennedy Krieger Institute		Grant #: 210340	51,754		-
Pass-Through Maryland Family Network		90TP0032	30,850		-
Pass-Through Wicomico County Partnership for Families and Children		90TP0064	6,766		-
Total ALN 93.434 Every Student Succeeds Act/Preschool Development Grants			7,021,872		5,140,078
Food Safety and Security Monitoring Project	93.448		81,161		-
ACL Assistive Technology	93.464		601,437		-
Alzheimer's Disease Program Initiative (ADPI)	93.470		140,043		72,525
COVID-19 Provider Relief Fund	93.498		897,343		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Health and Human Services (continued)					
Pregnancy Assistance Fund Program	93.500				
Pass-Through Baltimore City Health Dept.		CO# 39982	\$ 11,674		\$ -
Pregnancy Assistance Fund Program			11,674		-
MaryLee Allen Promoting Safe and Stable Families Program	93.556		4,764,594		91
Temporary Assistance for Needy Families	93.558		200,265,431		46,314
Child Support Enforcement	93.563		108,882,785		550,410
Refugee and Entrant Assistance State/Replacement Designee Administered Programs	93.566		6,284,322		-
Refugee and Entrant Assistance Voluntary Agency Programs	93.567		248,594		
Low-Income Home Energy Assistance	93.568		96,990,749		-
COVID-19 Community Services Block Grant	93.569		5,707,607		5,707,607
Community Services Block Grant			6,706,296		6,706,296
Total ALN 93.569 Community Services Block Grant			12,413,903		12,413,903
CCDF Cluster					
Child Care and Development Block Grant	93.575		141,234,739		5,837,896
Pass-Through Maryland Family Network		Unknown	134,960		-
Total ALN 93.575 Child Care and Development Block Grant			141,369,699		5,837,896
Child Care Mandatory and Matching Funds of the Child Care and Development Fund	93.596		49,421,210		-
CCDF Cluster Total				\$ 190,790,909	
Refugee and Entrant Assistance Discretionary Grants	93.576		37,509		10,498
Refugee and Entrant Assistance Wilson/Fish Program	93.583		116,079		-
State Court Improvement Program	93.586		264,033		-
Community-Based Child Abuse Prevention Grants	93.590				
Pass-Through Maryland Family Network		Unknown	30,000		-
Total ALN 93.590 Community-Based Child Abuse Prevention Grants			30,000		-
Grants to States for Access and Visitation Programs	93.597		145,210		-
Chafee Education and Training Vouchers Program (ETV)	93.599		591,974		-
Head Start Cluster					
Head Start	93.600		85,163		-
Pass-Through Maryland Family Network		Unknown	611,640		-
Total ALN 93.600 Head Start			696,803		-
Head Start Cluster Total				696,803	
Adoption and Legal Guardianship Incentive Payments	93.603		140,488		-
Developmental Disabilities Basic Support and Advocacy Grants	93.630		1,310,870		590,411
Pass-Through Maryland Developmental Disabilities Council		21CS1	24,320		-
Total ALN 93.630 Developmental Disabilities Basic Support and Advocacy Grants			1,335,190		590,411
Children's Justice Grants to States	93.643		175,618		175,618
Stephanie Tubbs Jones Child Welfare Services Program	93.645		4,029,378		-
Child Welfare Research Training or Demonstration	93.648				
Pass-Through The Research Foundation of SUNY		5-86154	30,401		-
Pass-Through The Research Foundation of SUNY		5-89268	65,177		-
Child Welfare Research Training or Demonstration			95,578		-
Foster Care Title IV-E	93.658		67,804,969		2,511,035
Adoption Assistance	93.659		21,897,841		60,793
Social Services Block Grant	93.667		52,277,709		74
Child Abuse and Neglect State Grants	93.669		1,261,580		-
Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services	93.671		2,057,687		2,021,076
John H. Chafee Foster Care Program for Successful Transition to Adulthood	93.674		874,372		-
Maternal Opioid Misuse Model	93.687		841,407		-
State Public Health Approaches for Ensuring Quiltline Capacity – Funded in part by Prevention and Public Health Funds (PPHF)	93.735		24,115		23,298
COVID-19 Elder Abuse Prevention Interventions Program	93.747		40,539		-
Elder Abuse Prevention Interventions Program			58,179		-
Total ALN 93.747 Elder Abuse Prevention Interventions Program			98,718		-
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations financed in part by Prevention and Public Health Funds	93.752		47,994		47,994
Preventive Health and Health Services Block Grant funded solely with Prevention and Public Health Funds (PPHF)	93.758		668		-
Children's Health Insurance Program	93.767		3,676,540		2,075,048

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Health and Human Services (continued)					
<i>Medicaid Cluster</i>					
State Medicaid Fraud Control Units	93.775		\$ 3,578,635		\$ -
State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare	93.777		4,087,035		409,038
Medical Assistance Program	93.778		9,063,908,845		21,473,511
<i>Medicaid Cluster Total</i>					
				<u>\$ 9,071,574,515</u>	
Opioid STR	93.788		46,646,417		33,303,605
Money Follows the Person Rebalancing Demonstration	93.791		1,135,803		-
State Survey Certification of Health Care Providers and Suppliers (Title XIX) Medicaid	93.796		2,534,879		247,082
Organized Approaches to Increase Colorectal Cancer Screening	93.800		177,895		23,697
Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities	93.817		2,069,291		1,185,455
COVID-19 Cardiovascular Diseases Research	93.837				
Pass-Through Mount Sinai		0255-A343-4605	332		-
Cardiovascular Diseases Research					
Pass-Through Mount Sinai		0255-3100-4605	9,500		-
Pass-Through Mount Sinai		0255-A342-4605-slb	104,472		-
Pass-Through New England Research Institute		BEST #4	11,973		-
Pass-Through New England Research Institute		SITE 1131 - Ucuzian	1,059		-
Pass-Through New York Univ/Medical Center		CKD GRANT	4,542		-
Total ALN 93.837 Cardiovascular Diseases Research			<u>131,878</u>		<u>-</u>
Blood Diseases and Resources Research	93.839				
Pass-Through Duke University		2037978	85,237		-
Total ALN 93.839 Blood Diseases and Resources Research			<u>85,237</u>		<u>-</u>
Arthritis, Musculoskeletal and Skin Diseases Research	93.846				
Pass-Through Dartmouth Hitchcock		GC10392-02-DGR15331	51,250		-
Pass-Through University of Nevada School of Medicine		UNR-20-74	199,991		-
Total ALN 93.846 Arthritis, Musculoskeletal and Skin Diseases Research			<u>251,241</u>		<u>-</u>
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847				
Pass-Through CoapTech, LLC		signed011720	253,755		-
Pass-Through Georgia State University		SP00014192	135,500		-
Pass-Through University of California		10789SC	10,000		-
Total ALN 93.847 Diabetes, Digestive, and Kidney Diseases Extramural Research			<u>399,255</u>		<u>-</u>
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853				
Pass-Through Northwestern University		60036745 UMD	6,117		-
Pass-Through Partners Healthcare		235400	33,013		-
Pass-Through University of Cincinnati		010785-136493	3,006		-
Pass-Through University of Rochester/Medical Ctr		4177256/UR FAO GR510784	26,058		-
Total ALN 93.853 Extramural Research Programs in the Neurosciences and Neurological Disorders			<u>68,194</u>		<u>-</u>
Allergy and Infectious Diseases Research	93.855				
Pass-Through Emory University		A313511	11,884		-
Pass-Through Emory University		A353287	44,805		-
Pass-Through Mount Sinai		0255-B002-4609	9,391		-
Pass-Through Mount Sinai		0255-B003-4609	49,207		-
Total ALN 93.855 Allergy and Infectious Diseases Research			<u>115,287</u>		<u>-</u>
Child Health and Human Development Extramural Research	93.865				
Maternal, Infant and Early Childhood Home Visiting Grant	93.870		8,246,901		7,360,376
Antimicrobial Resistance Surveillance in Retail Food Specimens	93.876		152,742		-
National Bioterrorism Hospital Preparedness Program	93.889		7,487,216		6,231,869
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	93.898		2,473,277		1,953,802
Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement	93.912		315,790		-
Grants to States for Operation of State Offices of Rural Health	93.913		172,488		-
HIV Emergency Relief Project Grants	93.914				
Pass-Through Associated Black Charities		20-2409	258,958		-
Pass-Through Associated Black Charities		20-2441	54,723		-
Pass-Through Associated Black Charities		HSAHA36919-01-00 (H9AHA36919)	73,412		-
Pass-Through Associated Black Charities		19-2618-NO1	75		-
Pass-Through Associated Black Charities		20-2619-01A	330,578		-
Total ALN 93.914 HIV Emergency Relief Project Grants			<u>717,746</u>		<u>-</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Health and Human Services (continued)					
COVID-19 HIV Care Formula Grants	93.917		\$ 42,921,776		\$ -
HIV Care Formula Grants			4,803,379		4,803,379
Total ALN 93.917 HIV Care Formula Grants			47,725,155		4,803,379
HIV Prevention Activities Health Department Based	93.940		10,431,941		6,768,594
Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs	93.946		196,215		51,940
Block Grants for Community Mental Health Services	93.958		11,123,324		11,123,324
COVID-19 Block Grants for Prevention and Treatment of Substance Abuse	93.959		7,518		-
Block Grants for Prevention and Treatment of Substance Abuse			31,366,014		19,397,453
Total ALN 93.959 Block Grants for Prevention and Treatment of Substance Abuse			31,373,532		19,397,453
Sexually Transmitted Diseases (STD) Prevention and Control Grants	93.977		924,451		288,369
Mental Health Disaster Assistance and Emergency Mental Health	93.982		494,800		-
Preventive Health and Health Services Block Grant	93.991		2,689,091		1,441,960
Maternal and Child Health Services Block Grant to the States	93.994		10,780,302		6,376,585
Intergovernmental Personnel Act	93.IPA		137,259		-
COVID-19 Contract/Other	93.999				
Pass-Through Eastern Research Group, Inc.		0360.00.006/02	32,604		-
Contract/Other			7,949		-
Pass-Through GlaxoSmithKline		TPR0052482019UNIVERSITYOFM	38,813		-
Pass-Through Georgia Dept of Behavioral Health Devm'tal Disabilities		SSW-Network Consulting	15,631		-
Pass-Through Mass General Brigham Incorporated		CALGB/Alliance for	55,507		-
Pass-Through New Mexico State University		Signed 4/12/2021	45,108		-
Pass-Through University of Michigan - Ann Arbor		3003720434	1,264		-
Pass-Through West Virginia Department of Health and Human Resources		0506-2848	12,056		-
Total ALN 93.999 Contract/Other			208,932		-
Total U.S. Department of Health and Human Services			10,792,287,801		439,445,278
Corporation for National and Community Service					
State Commissions	94.003		321,107		-
AmeriCorps	94.006		4,113,290		-
Program Development and Innovation Grants	94.007		176,371		-
<i>Foster Grandparent Cluster</i>					
Foster Grandparent Program	94.011		347,314		-
<i>Foster Grandparent Cluster Total</i>				\$ 347,314	-
Total Corporation for National and Community Service			4,958,082		-
Executive Office of the President					
High Intensity Drug Trafficking Areas Program	95.001		4,721,778		-
Total Executive Office of the President			4,721,778		-
Social Security Administration					
<i>Disability Insurance/SSI Cluster</i>					
Social Security Disability Insurance	96.001		29,608,982		-
Supplemental Security Income	96.006		4,922,991		229,217
<i>Disability Insurance/SSI Cluster Total</i>				34,531,973	229,217
Total Social Security Administration			34,531,973		229,217
U.S. Department of Homeland Security					
Non-Profit Security Program	97.008		3,571,594		651,114
Citizenship Education and Training	97.010		60,194		-
Boating Safety Financial Assistance	97.012		2,902,715		-
Community Assistance Program State Support Services Element (CAP-SSSE)	97.023		203,812		-
Flood Mitigation Assistance	97.029		147,577		-
Crisis Counseling	97.032		90,000		-
COVID-19 Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036		494,823,701		479,835,781
Disaster Grants - Public Assistance (Presidentially Declared Disasters)			3,625,572		-
Disaster Grants - Public Assistance (Presidentially Declared Disasters)			498,449,273		479,835,781

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
U.S. Department of Homeland Security (continued)					
Hazard Mitigation Grant	97.039		\$ 1,437,167		\$ 375,751
National Dam Safety Program	97.041		46,484		-
COVID-19 Emergency Management Performance Grants	97.042		185,244		-
Emergency Management Performance Grants			<u>5,436,822</u>		<u>2,068,765</u>
Total ALN 97.042 Emergency Management Performance Grants			5,622,066		2,068,765
State Fire Training Systems Grants	97.043		20,000		-
Assistance to Firefighters Grant	97.044		800,320		-
Cooperating Technical Partners	97.045		2,494,574		-
BRIC: Building Resilient Infrastructure and Communities	97.047		318,104		49,276
COVID-19 Presidential Declared Disaster Assistance to Individuals and Households - Other Needs	97.050		612,961,425		-
Port Security Grant Program	97.056		1,448,703		-
COVID-19 Homeland Security Grant Program	97.067				
Pass-Through District of Columbia Government		20UAIS603-01	71,231		-
Pass-Through Government of the District of Columbia		20SHSP603-01	89,899		-
Homeland Security Grant Program			14,399,861		6,767,814
Pass-Through District of Columbia Government		19UASI603-01	29,412		-
Pass-Through Gov't of the D.C. Homeland Sec. & Emerg. Mgmt Agency		19UASI603-02	169,639		-
Pass-Through Howard County Government		EMW-2016-SS-0008	139,074		-
Pass-Through Howard County Government		EMW2019SSSS00064UAS SI	<u>12,443</u>		<u>-</u>
Total ALN 97.067 Homeland Security Grant Program			14,911,559		6,767,814
Rail and Transit Security Grant Program	97.075		390,326		-
Law Enforcement Officer Reimbursement Agreement Program	97.090		267,200		-
Homeland Security Biowatch Program	97.091		24,921		-
Contract/Other	97.999		3,306,517		144,882
Pass-Through Robert H. Smith School of Business Foundation		Unknown	18,087		-
Total ALN 97.999 Contract/Other			<u>3,324,604</u>		<u>144,882</u>
Total U.S. Department of Homeland Security			<u>1,149,492,618</u>		<u>489,893,383</u>
U.S. Agency for International Development					
USAID Foreign Assistance for Programs Overseas	98.001		574,281		-
Contract/Other	98.999				
Pass-Through Chemonics International		SUB-IQC 261	905,670		-
Pass-Through FHI International		102042/PO18001685	211,656		-
Pass-Through Partnership for Supply Chain Mgmt System		NONSCMSTRK1	<u>5,600</u>		<u>-</u>
Total ALN 98.999 Contract/Other			1,122,926		-
Total U.S. Agency for International Development			<u>1,697,207</u>		<u>-</u>
Student Financial Assistance Cluster					
U.S. Department of Education					
Federal Supplemental Educational Opportunity Grants	84.007		8,279,308		
Federal Work-Study Program	84.033		1,856,228		
Federal Perkins Loan Program	84.038		44,425,202		
Federal Pell Grant Program	84.063		188,990,879		
Federal Direct Student Loans	84.268		745,616,712		
Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	84.379		154,696		
Postsecondary Education Scholarships for Veteran's Dependents	84.408		<u>17,253</u>		<u>-</u>
Total U.S. Department of Education			<u>989,340,278</u>		<u>-</u>
U.S. Department of Health and Human Services					
Nurse Faculty Loan Program (NFLP)	93.264		12,000		
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged S	93.342		8,543,317		
Nursing Student Loans	93.364		448,721		
Total U.S. Department of Health and Human Services			<u>9,004,038</u>		<u>-</u>
Total Student Financial Assistance Cluster				\$ 998,344,316	

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster					
U.S. Department of Agriculture					
Agricultural Research Basic and Applied Research	10.001		\$ 5,216,679		\$ -
Pass-Through GS1 US, Inc.		20062986	<u>81,649</u>		<u>-</u>
Total ALN 10.001 Agricultural Research Basic and Applied Research			5,298,328		-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		1,314,870		-
Pass-Through Animal and Plant Health Inspection Service		Unknown	<u>38,396</u>		<u>-</u>
Total ALN 10.025 Plant and Animal Disease, Pest Control, and Animal Care			1,353,266		-
Specialty Crop Block Grant Program - Farm Bill	10.170				
Pass-Through Pennsylvania State University		6050UMPDA7029	7,452		-
Pass-Through Pennsylvania State University		6077UMCOP7030	<u>31,790</u>		<u>-</u>
Total ALN 10.170 Specialty Crop Block Grant Program - Farm Bill			39,242		-
Grants for Agricultural Research, Special Research Grants	10.200		996,747		329,386
Pass-Through Colorado State University		694301	25,000		-
Pass-Through Rutgers, The State University of New Jersey		1210NER19RFCROSS	<u>68,979</u>		<u>-</u>
Total ALN 10.200 Grants for Agricultural Research, Special Research Grants			1,090,726		329,386
Cooperative Forestry Research	10.202		465,300		-
Payments to Agricultural Experiment Stations Under the Hatch Act	10.203		2,059,651		-
Animal Health and Disease Research	10.207		27,503		-
Sustainable Agriculture Research and Education	10.215				
Pass-Through Northeast SARE, The University of Vermont		ENE1614431064	23,364		-
Pass-Through Northeast SARE, The University of Vermont		LNE2039734268	6,908		-
Pass-Through Northeast SARE, The University of Vermont		LNE20408R34268	19,963		-
Pass-Through Northeast SARE, The University of Vermont		GNE1716031064	1,640		-
Pass-Through Northeast SARE, The University of Vermont		GNE1818532231	10,439		-
Pass-Through Northeast SARE, The University of Vermont		GNE1919733243	7,806		-
Pass-Through Northeast SARE, The University of Vermont		GNE1922433243	8,129		-
Pass-Through Northeast SARE, The University of Vermont		GNE2023134268	9,636		-
Pass-Through Northeast SARE, The University of Vermont		GNE2023634268	4,717		-
Pass-Through Northeast SARE, The University of Vermont		LNE1836632231	14,285		-
Pass-Through Northeast SARE, The University of Vermont		LNE19392R33243	78,183		-
Pass-Through Northeast SARE, The University of Vermont		LNE20406R34268	13,653		-
Pass-Through Northeast SARE, The University of Vermont		SNE190534268	18,731		-
Pass-Through Northeast SARE, The University of Vermont		GNE2023034268	5,389		-
Pass-Through Pennsylvania State University		5846UMUV2231	8,999		-
Pass-Through University of Vermont		ENE18-151-32231	58,999		41,170
Pass-Through Utah State University		150893674	21,606		-
Pass-Through Utah State University		200592644	<u>45,172</u>		<u>-</u>
Total ALN 10.215 Sustainable Agriculture Research and Education			357,619		41,170
1890 Institution Capacity Building Grants	10.216				
Pass-Through Virginia State University		R000035	9,670		-
Pass-Through Delaware State University		18-002HEH	<u>4,000</u>		<u>-</u>
Total ALN 10.216 1890 Institution Capacity Building Grants			13,670		-
Higher Education - Institution Challenge Grants Program	10.217				
Pass-Through University of California Davis		A211265S001	<u>4,229</u>		<u>-</u>
Total ALN 10.217 Higher Education - Institution Challenge Grants Program			4,229		-
Biotechnology Risk Assessment Research	10.219		521,211		124,250
Pass-Through North Carolina State University		2019019401	<u>66,941</u>		<u>-</u>
Total ALN 10.219 Biotechnology Risk Assessment Research			588,152		124,250
Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	10.250		50,103		46,984
Consumer Data and Nutrition Research	10.253		33,090		-
Integrated Programs	10.303		213,287		19,340
Homeland Security Agricultural	10.304				
Pass-Through Cornell University		8028910773	29,883		-
Pass-Through Michigan State University		RC106556AE	<u>15,354</u>		<u>-</u>
Total ALN 10.304 Homeland Security Agricultural			45,237		-
Organic Agriculture Research and Extension Initiative	10.307				
Pass-Through University of Georgia		Unknown	<u>53,553</u>		<u>-</u>
Total ALN 10.307 Organic Agriculture Research and Extension Initiative			53,553		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Agriculture (continued)					
Specialty Crop Research Initiative	10.309		\$ 383,096		\$ 142,104
Pass-Through North Carolina State University		2017039814	124,826		-
Pass-Through University of Florida		SUB00002391	4,662		-
Total ALN 10.309 Specialty Crop Research Initiative			512,584		142,104
Agriculture and Food Research Initiative (AFRI)	10.310		5,836,096		1,077,150
Pass-Through Auburn University		20SFWS205216UM	6,929		-
Pass-Through Kansas State University		A200118S001	281,947		-
Pass-Through Marine Biological Laboratory		20186700327	13,643		-
Pass-Through North Carolina State University		2017318101	44,000		-
Pass-Through North Carolina State University		2018053006	85,347		-
Pass-Through North Carolina State University		201915708	226,825		-
Pass-Through Penn State University		5079-UMSEC-NASA-M37G	132,509		-
Pass-Through Pennsylvania State University		S000183USDA	51,053		-
Pass-Through University of California Davis		20140303103	20,852		-
Pass-Through University of Connecticut		409812	103,968		-
Pass-Through University of Delaware		40020	6,226		-
Pass-Through University of Delaware		53286	6,041		-
Pass-Through University of Minnesota		H005558201	6,966		-
Pass-Through University of Minnesota		H006552201	27,330		-
Pass-Through Virginia Polytechnic Institute & State University		42264619113	129,563		-
Total ALN 10.310 Agriculture and Food Research Initiative (AFRI)			6,979,295		1,077,150
Crop Protection and Pest Management Competitive Grants Program	10.329		355,189		-
Pass-Through Cornell University		8693511200	21,316		-
Total ALN 10.329 Crop Protection and Pest Management Competitive Grants Program			376,505		-
Alfalfa and Forage Research Program	10.330		16,833		-
Cooperative Extension Service	10.500				-
Pass-Through University of Delaware		57328	18,748		-
Total ALN 10.500 Cooperative Extension Service			18,748		-
Smith-Lever Funding (Various Programs)	10.511		3,634,152		-
Expanded Food and Nutrition Education Program	10.514		680,112		-
Renewable Resources Extension Act and National Focus Fund Projects	10.515		31,014		-
Forestry Research	10.652		25,499		-
Cooperative Forestry Assistance	10.664		60,203		-
Pass-Through Cleveland Metro Parks		21-02-017 PO 20210812	4,281		-
Total ALN 10.664 Cooperative Forestry Assistance			64,484		-
Urban and Community Forestry Program	10.675		75,380		-
Grant Program to Establish a Fund for Financing Water and Wastewater Projects	10.864		37,017		-
Soil and Water Conservation	10.902		150,081		-
Pass-Through University of Rhode Island		1725140008804010000	778		-
Pass-Through University of Rhode Island		129295	5,682		-
Total ALN 10.902 Soil and Water Conservation			156,541		-
Soil Survey	10.903		187,693		-
Environmental Quality Incentives Program	10.912				-
Pass-Through American Bird Conservancy		20-CA11132422-122 /F2OAP00233	24		-
Pass-Through Indiana University of Pennsylvania		438	56,447		29,489
Total ALN 10.912 Environmental Quality Incentives Program			56,471		29,489
Agricultural Statistics Reports	10.95		454,774		398,514
Research and Development - Department of Agriculture	10.RD		356,354		-
Pass-Through University of Arkansas System		RA1204086	36,655		-
Pass-Through Colorado State University		G9145002	61,773		-
Pass-Through Johns Hopkins University		2004929577	1,794		-
Pass-Through Northeast SARE op by UVM		GNE1920733243	589		-
Pass-Through University of Minnesota		H008051402	5,366		-
Total ALN 10.RD Research and Development - Department of Agriculture			462,531		-
Total U.S. Department of Agriculture			25,462,589		2,208,387

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
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YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Commerce					
Integrated Ocean Observing System (IOOS)	11.012		\$ 730,281		\$ 545,026
Pass-Through University of Alaska Fairbanks		UAF 15-0070 PO488811	47,833		-
Pass-Through University of South Carolina		17-3138 PO #2000028018	26,309		-
Total ALN 11.012 Integrated Ocean Observing System (IOOS)			804,423		545,026
Statistical, Research, and Methodology Assistance	11.016				
Pass-Through Boston University		4500003718	20,357		-
Total ALN 11.016 Statistical, Research, and Methodology Assistance			20,357		-
Cluster Grants	11.020		132,596		-
NOAA Small Business Innovation Research (SBIR) Program	11.021				
Pass-Through Pacific Hybreeed, Inc.		AR0210322	7,513		-
Total ALN 11.021 NOAA Small Business Innovation Research (SBIR) Program			7,513		-
Economic Development Technical Assistance	11.303		21,291		-
Economic Adjustment Assistance	11.307		108,245		-
Pass-Through Operation Hope		01-79 -14965 URI: 114558	8,322		-
Total ALN 11.307 Economic Adjustment Assistance			116,567		-
Sea Grant Support	11.417		2,642,421		1,102,625
Pass-Through Cornell University		NA18OAR4170096	15,649		-
Pass-Through Univ. of Washington		UWSC10444-BPO36144	12,919		-
Pass-Through University of Mississippi		19-12-025	14,286		-
Pass-Through Villanova University		NA18OAR4170074	6,628		-
Total ALN 11.417 Sea Grant Support			2,691,903		1,102,625
Coastal Zone Management Administration Awards	11.419		17,268		-
Pass-Through Georgia Department of Natural Resources		Prime: NA19NOS4190151	28,644		-
Total ALN 11.419 Coastal Zone Management Administration Awards			45,912		-
Coastal Zone Management Estuarine Research Reserves	11.420		91,177		-
Fisheries Development and Utilization Research and Development Grants and Cooperative /	11.427		59,207		-
Climate and Atmospheric Research	11.431		914,956		-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		25,283,840		8,814,389
Pass-Through American Rivers		Award Ltr 2.21.18	38,329		-
Pass-Through Cooperative of North Atlantic Region		NA19OAR43220074 A101316	221,955		-
Pass-Through Woods Hole Oceanographic Institute		NA14OAR4320158	209,663		-
Total ALN 11.432 National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes			25,753,787		8,814,389
Chesapeake Bay Studies	11.457		186,102		-
Pass-Through Oyster Recovery Partnership		2020 Production Task Order #1	594,624		-
Total ALN 11.457 Chesapeake Bay Studies			780,726		-
Weather and Air Quality Research	11.459		259,634		5,445
Special Oceanic and Atmospheric Projects	11.460		1,041,614		68,816
Applied Meteorological Research	11.468		340,942		223,820
Unallied Science Program	11.472				
Pass-Through Atlantic States Marine Fisheries		NA18NMF470321	43,538		-
Pass-Through North Pacific Research Board		NA19NMF4720069	36,525		-
Pass Through Rutgers University		#1639 AGREEMENT	15,116		-
Total ALN 11.472 Unallied Science Program			95,179		-
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478		340,461		77,771
Pass-Through Louisiana State University		PO-0000032946	90,261		-
Pass-Through MOTE Marine Laboratory & Aquarium		NA19NOS4780183	50,015		-
Total ALN 11.478 Center for Sponsored Coastal Ocean Research Coastal Ocean Program			480,737		77,771
Educational Partnership Program	11.481				
Pass-Through Howard University		0008971-1000075646	4,476		-
Pass-Through Howard University		0008971-1000086022	51,492		-
Pass-Through Howard University		0008971-97283/9936-96490	19,504		-
Pass-Through Howard University		89711000070197	72,954		-
Pass-Through Howard University		89711000093532	35,998		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Commerce (continued)					
Educational Partnership Program (continued)	11.481				
Pass-Through Howard University		8971-93530/9636-93531	\$ 66,373		\$ -
Pass-Through Howard University		CM00001966-00	9,298		-
Pass-Through Howard University		CM00002163-00	88,682		-
Total ALN 11.481 Educational Partnership Program			348,777		-
Coral Reef Conservation Program	11.482		3,717		-
Measurement and Engineering Research and Standards	11.609		16,335,955		-
National Institute of Standards and Technology Construction Grant Program	11.618				
Pass-Through Prometheus Computing		S8134109CQ0044	36,080		-
Total ALN 11.618 National Institute of Standards and Technology Construction Grant Program			36,080		-
Arrangements for Interdisciplinary Research Infrastructure	11.619				
Pass-Through The National Institute for Innovation in Manufacturing Biopharmaceuticals		PAA No. PC2.2-077	103,961		-
Pass-Through University of Delaware		54360	35,148		-
Pass-Through University of Delaware		PC21067	19,340		-
Total ALN 11.619 Arrangements for Interdisciplinary Research Infrastructure			158,449		-
Science, Technology, Business and/or Education Outreach	11.620		6,262,293		-
Pass-Through Johns Hopkins University		2004301700	330,574		-
Total ALN 11.620 Science, Technology, Business and/or Education Outreach			6,592,867		-
Minority Business Resource Development	11.802				
Pass-Through Johns Hopkins University		2004752433	144,945		-
Total ALN 11.802 Minority Business Resource Development			144,945		-
Research and Development - Department of Commerce	11.RD		150,133		126,261
Pass-Through Texas A&M University		Unknown	96,183		-
Pass-Through Howard University		89711000088505	75,068		-
Pass-Through National Cybersecurity Center of Excellence o		130573	8,022		-
Pass-Through Research Foundation of CUNY		CM00004250-00	64,364		-
Pass-Through Research Foundation of CUNY		CM00005530-00	36,309		-
Pass-Through Research Foundation of CUNY		CM00005750-00	26,218		-
Pass-Through Reveal Global Consulting LLC		46158	52,067		-
Pass-Through Riverside Technology		PROTECHUOFMDBEAU CHAMP	71,570		-
Pass-Through University of California San Diego		91545713	32,829		-
Pass-Through University of Delaware		NA18OAR4170086	22,380		-
Total ALN 11.Rd Research and Development - Department of Commerce			635,143		126,261
Total U.S. Department of Commerce			57,914,454		10,964,153
U.S. Department of Defense					
Community Economic Adjustment Assistance for Responding to Threats to the Resilience of	12.003				
Pass-Through Charles County Government		OLDCCUNIVERSITYOFM D001	39,210		-
Total ALN 12.003 Community Economic Adjustment Assistance for Responding to Threats to the Resilience of a Military Installation			39,210		-
Collaborative Research and Development	12.114		407,628		-
Basic and Applied Scientific Research	12.300		9,593,928		935,260
Pass-Through Energetics Technology Center		2230002	123,050		-
Pass-Through George Mason University		E2045222	274,798		-
Pass-Through Georgia Institute of Technology		AWD100941G1	122		-
Pass-Through Johns Hopkins University		2002692358	128,284		-
Pass-Through RF SUNY Stony Brook University		86059/2/1156876	234,205		-
Pass-Through Rice University		R1A844	73,637		-
Pass-Through University of Illinois at Urbana-Champaign		9996317890	263,642		-
Pass-Through University of Minnesota		A008174602	194,669		-
Pass-Through University of Pennsylvania		3885221	213,451		-
Pass-Through University of Southern California		115239289	131,302		-
Total ALN 12.300 Basic and Applied Scientific Research			11,231,088		935,260
Naval Medical Research and Development	12.340				
Pass-Through Henry M. Jackson Foundation		5467 HJF#66062	20,742		-
Total ALN 12.340 Naval Medical Research and Development			20,742		-
Scientific Research - Combating Weapons of Mass Destruction	12.351		1,143,269		298,895
Pass-Through George Mason University		E2045781	140		-
Pass-Through George Mason University		E2048562	33,715		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Defense (continued)					
Scientific Research - Combating Weapons of Mass Destruction (continued)	12.351				
Pass-Through West Virginia University		20-658-UMD	\$ 45,076		\$ -
Pass-Through Johns Hopkins University		SB1341-14-CQ-0010	14,925		-
Pass-Through Universities Space Research Association		HDTRA11910033 05793-02	34,496		-
Total ALN 12.351 Scientific Research - Combating Weapons of Mass Destruction			1,271,621		298,895
COVID-19 Military Medical Research and Development	12.420				
Pass-Through Henry M. Jackson Foundation		73136-Z0218201	210,609		-
Military Medical Research and Development			5,114,701		1,820,466
Pass-Through CREARE LLC		S671SOWA	21,682		-
Pass-Through Geneva Foundation		HU00011810013	3,519		-
Pass-Through Henry M. Jackson Foundation		5127	108,440		-
Pass-Through Henry M. Jackson Foundation		65543	283,008		-
Pass-Through JHU School of Hygiene/Pub Hlth		2001205111	164,362		-
Pass-Through JHU School of Hygiene/Pub Hlth		W81XWH-16-2-0060	1,120		-
Pass-Through Johns Hopkins University - SOM		2003823252	8,536		-
Pass-Through National Trauma Institute		CNTR20-PROP-02	11,949		-
Pass-Through National Trauma Institute		CNTR20-VTE-03	14,631		-
Pass-Through National Trauma Institute		NTI-CLOTT17-15	6,685		-
Pass-Through Patient-Centered Outcomes Research Inst		PCS-1609-36512	2,118,696		1,518,377
Pass-Through The University of Texas Medical Branch at Gal		198474501	204,555		-
Pass-Through University of Alabama at Birmingham		000507860-005	17,464		-
Pass-Through University of Colorado		FY21.645.006	15,517		-
Pass-Through University of Kentucky		3200002782-20-104	69,907		-
Pass-Through University of Minnesota		70590	5,708		-
Pass-Through University of Pittsburgh		CNVA00046641	65,574		-
Total ALN 12.420 Military Medical Research and Development			8,446,663		3,338,843
Basic Scientific Research	12.431		15,626,077		3,825,130
Pass-Through DCS Corp		APX02-N010 PO 161474	1,104		-
Pass-Through DCS Corp		APX02-N010/PO181934	101,979		-
Pass-Through International Computer Science Institute		279001	93,938		-
Pass-Through National Center For Manufacturing Sciences		201993130709	211,851		-
Pass-Through National Center For Manufacturing Sciences		201994130710	140,599		-
Pass-Through National Center For Manufacturing Sciences		201996130712	136,200		-
Pass-Through Princeton University		SUB0000082	276,463		-
Pass-Through University of North Carolina at Charlotte		2017084001UMD	142,806		-
Pass-Through Virginia Polytechnic Institute & State Un		45048419113	15,048		-
Total ALN 12.431 Basic Scientific Research			16,746,065		3,825,130
DOD, NDEP, DOTC-STEM Education Outreach Implementation	12.560		212,671		-
Economic Adjustment Assistance for State Governments	12.617		241,084		55,180
Basic, Applied, and Advanced Research in Science and Engineering	12.630		500,226		-
Pass-Through Cooperative Ecosystem Studies Units		W912HZ-15-2-0029	155,347		-
Pass-Through University of Pennsylvania		578646	37,973		-
Pass-Through Johns Hopkins University		96019281	545		-
Pass-Through Johns Hopkins University		96020444	56,973		-
Pass-Through Johns Hopkins University		96019788	25,258		-
Pass-Through Technology Student Association		Unknown	33,807		-
Pass-Through Mitre Corporation		SB1341-14-CQ-0010	27,066		-
Pass-Through Johns Hopkins University		2002552040	14,188		-
Pass Through Booz Allen Hamilton		Unknown	38,239		-
Pass-Through Johns Hopkins University		2001949873	44,972		-
Pass Through Booz Allen Hamilton		Unknown	19,346		-
Total ALN 12.630 Basic, Applied, and Advanced Research in Science and Engineering			953,940		-
Uniformed Services University Medical Research Projects	12.750				
Pass-Through Henry M. Jackson Foundation		4798	395,211		-
Pass-Through Henry M. Jackson Foundation		Subaward # 5334	80,474		-
Total ALN 12.750 Uniformed Services University Medical Research Projects			475,685		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Defense (continued)					
Air Force Defense Research Sciences Program	12.800		\$ 9,721,999		\$ 3,227,525
Pass-Through California Institute of Technology		S395090	1,126,536		-
Pass-Through George Mason University		E2045491	23,896		-
Pass-Through Harvard University		1304275114552	39,396		-
Pass-Through National Institute of Aerospace		X20801008UMD	67,395		-
Pass-Through Northwestern University		SP0032777PROJ0008739	84,360		-
Pass-Through Seoul National University		17082602	7,452		-
Pass-Through Stanford Research Institute		62455254159327	85,020		-
Pass-Through Stevens Institute of Technology		210286601	129,545		-
Pass-Through The Regents Of The University of Colorado - B		1553898	337,487		-
Pass-Through The Regents Of The University of Colorado - B		1558269	113,731		-
Pass-Through Tulane University		TULSCC5567351819	129,222		-
Pass-Through University of California Los Angeles		1010GWA357	290,314		-
Pass-Through University of Chicago		AWD100482SUB00000154	291,916		-
Pass-Through University of Illinois-Urbana/Champaign		092135-17077	120,748		-
Pass-Through University of New Mexico		271470871D	462,989		-
Pass-Through University of New Mexico		271704871D	85,998		-
Pass-Through University of Washington		UWSC7986	212,680		-
Pass-Through Massachusetts Institute of Technology		FA8650-17-C-9113	20,443		-
Total ALN 12.800 Air Force Defense Research Sciences Program			13,351,127		3,227,525
Language Grant Program	12.900		159,976		-
Mathematical Sciences Grants	12.901		1,147,876		-
Information Security Grants	12.902		573,566		-
Cybersecurity Core Curriculum	12.905		399,525		-
COVID-19 Research and Technology Development	12.910				
Pass-Through Harvard University		168032-5116459	2,883,373		100,039
Research and Technology Development			4,034,868		421,735
Pass-Through Johns Hopkins University		2004686792	226,344		-
Pass-Through Johns Hopkins University - SOM		2004081082	24,021		-
Pass-Through Massachusetts Institute of Technology		S4761	136,030		-
Pass-Through The Regents Of The University of Colorado - B		1559925	140,643		-
Pass-Through University of California Berkeley		9967	471,225		-
Pass-Through University of California Los Angeles		0145GYA136	69,376		-
Total ALN 12.910 Research and Technology Development			7,985,880		521,774
Intergovernmental Personnel Act	12.IPA		232,124		-
Research and Development - Department of Defense	12.RD		36,663,447		3,464,491
Pass-Through Georgia Tech		FA8075-18-D-0008 (BOA146) FA8	224,361		-
Pass-Through Georgia Tech		SUB-XX1535102	21,601		-
Pass-Through 3DFlexible Inc		18092682	74,962		-
Pass-Through Advanced Rotorcraft Technology Inc.		17091317001	70,436		-
Pass-Through Advanced Rotorcraft Technology Inc.		1900830001	15,000		-
Pass-Through Advanced Rotorcraft Technology Inc.		210322001	16,197		-
Pass-Through Advanced Systems & Technologies Inc.		18071942	106,461		-
Pass-Through Advanced Systems & Technologies Inc.		UMDNAV050021	8,899		-
Pass-Through Advanced Technology International		2021435	16,300		-
Pass-Through Alion Science and Technology		SFP1160208	755		-
Pass-Through Booz Allen and Hamilton Inc.		S900659BAH	446,720		-
Pass-Through CREARE LLC		S625	3,090		-
Pass-Through CREARE LLC		S740	79,588		-
Pass-Through Carbon Solutions		21020672	14,124		-
Pass-Through Carnegie Mellon University		2000147SUB000	293,100		-
Pass-Through Charles River Analytics		SC1809501	76,799		-
Pass-Through Columbia University		4GG008712	699,130		-
Pass-Through CoolCAD Electronics		21010173	14,544		-
Pass-Through Cornerstone Research Group, Inc.		20200746	57,999		-
Pass-Through Duke University		3130638	1,258,099		-
Pass-Through Durham University		18102894	3,344		-
Pass-Through Dynaflo, Inc		2M210061UMD	17		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Defense (continued)					
Research and Development - Department of Defense (continued)	12.RD				
Pass-Through Echelon Biosciences Inc.		19020542	\$ 132,473		\$ -
Pass-Through Energetics Technology Center		223	23,838		-
Pass-Through Energetics Technology Center		2500001	2,423		-
Pass-Through General Technical Services L.L.C.		GTSS19021	53,250		-
Pass-Through General Technical Services L.L.C.		PO0000829	134,844		-
Pass-Through George Mason University		E2045492	1,868		-
Pass-Through Griffiss Institute		SA10032021030333	7,825		-
Pass-Through Innoveering LLC		19010291	168,212		-
Pass-Through Intelligent Automation Inc.		24082	49,404		-
Pass-Through Intelligent Automation Inc.		24701	82,943		-
Pass-Through Intelligent Automation Inc.		25301	19,707		-
Pass-Through Intelligent Automation Inc.		25411	137,824		-
Pass-Through Intelligent Fiber Optic Systems Corporation		20126974	8,722		-
Pass-Through Johns Hopkins University		13975	178,113		-
Pass-Through Johns Hopkins University		2004628837	178,066		-
Pass-Through Johns Hopkins University		None	89,304		-
Pass-Through Johns Hopkins University Applied Physics Labo		158224	251,926		-
Pass-Through Kitware		K00303400S01	85,865		-
Pass-Through Michigan Technological University		1803001Z1	6,303		-
Pass-Through NSI Inc.		SMAAGCUMD	118,744		-
Pass-Through National Center For Manufacturing Sciences		201995130711	197,579		-
Pass-Through National Center For Manufacturing Sciences		202096	49,970		-
Pass-Through Navitas Advanced Solutions Group		18092785	71,045		-
Pass-Through North Carolina State University		2021115618	35,676		-
Pass-Through Northrop Grumman Corporation		5300002415	167,331		-
Pass-Through Northrop Grumman Corporation		5300002451	131,976		-
Pass-Through Northrop Grumman Corporation		5300002465	328,322		-
Pass-Through Northrop Grumman Corporation		5300009791	61,709		-
Pass-Through Provatek LLC		ProvatekUMDRADICS000	2,288		-
Pass-Through Raytum Photonics		20126956	41,999		-
Pass-Through Rice University		R1A771	50,997		-
Pass-Through Rice University		R7U071	28,851		-
Pass-Through SRI International		PO49198	462,084		-
Pass-Through Serco		NSBU000426	1,926		-
Pass-Through Steel Founders' Society of America Inc.		2017108CLIN0001	5,784		-
Pass-Through Steel Founders' Society of America Inc.		SPI007	95,385		-
Pass-Through Stevens Institute of Technology		210307701	74,880		-
Pass-Through Stevens Institute of Technology		HQ003419F0302	4,948		-
Pass-Through Technical Data Analysis Inc.		210300105	129,141		-
Pass-Through Technical Data Analysis Inc.		SCA211400101	12,290		-
Pass-Through Translume Inc.		20042155	9,650		-
Pass-Through Translume Inc.		20201101	39,144		-
Pass-Through United States Military Academy		W911SD19F0235	95,320		-
Pass-Through University of California Berkeley		9967	106,968		-
Pass-Through University of Florida		SUB00001656	51,540		-
Pass-Through University of Iowa		S0183401	70,229		-
Pass-Through University of Northern Iowa		S6435B	205,755		-
Pass-Through University of Pennsylvania		4572101	186,817		-
Pass-Through Vesperix Corporation		17092844	167		-
Pass-Through VorCat Inc		21020668	42,635		-
Total ALN 12.RD Research and Development - Department of Defense			44,659,033		3,464,491
Contract/Other	12.999		2,082,957		481,388
Total U.S. Department of Defense			110,638,461		16,148,486

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Housing and Urban Development					
COVID-19 Housing Opportunities for Persons with AIDS	14.241				
Pass-Through Balt City Dept of Housing/Community Dev		Contract# 39692	\$ 2,697		\$ -
Housing Opportunities for Persons with AIDS					
Pass-Through Balt City Dept of Housing/Community Dev		39259	3,790		-
Pass-Through Balt City Dept of Housing/Community Dev		Signed 05.14.2021	329,443		-
Total ALN 12.241 Housing Opportunities for Persons with AIDS			<u>335,930</u>		<u>-</u>
Total U.S. Department of Housing and Urban Development			<u>335,930</u>		<u>-</u>
U.S. Department of the Interior					
Fish and Wildlife Management Assistance	15.608		14,552		11,549
Pass-Through San Francisco State University		S17-0006	24,681		-
Total ALN 15.608 Fish and Wildlife Management Assistance			39,233		11,549
Sportfishing and Boating Safety Act	15.622		97,153		-
Coastal	15.630		72,438		-
State Wildlife Grants	15.634				
Pass-Through Florida Fish and Wildlife		13064	878		-
Total ALN 15.624 State Wildlife Grants			878		-
Migratory Bird Joint Ventures	15.637		12,690		-
Latin America and Caribbean Regional	15.640				
Pass-Through Michigan State University		Unknown	32,594		-
Total ALN 15.640 Latin America and Caribbean Regional			32,594		-
National Wetlands Inventory	15.665		15,017		-
Cooperative Ecosystem Studies Units	15.678		9,497		-
Assistance to State Water Resources Research Institutes	15.805		97,002		34,285
Earthquake Hazards Program Assistance	15.807		32,476		-
U.S. Geological Survey Research and Data Collection	15.808		514,444		-
Pass-Through Cooperative Ecosystem Studies Units		G14AC00072	10,393		-
Total ALN 15.808 U.S. Geological Survey Research and Data Collection			524,837		-
Historic Preservation Fund Grants-In-Aid	15.904				
Pass-Through National Trust for Historic Preservation		P17AP00064	33,648		-
Total ALN 15.904 Historic Preservation Fund Grants-In-Aid			33,648		-
Natural Resource Stewardship	15.944				
Pass-Through Cooperative Ecosystem Studies Units		P18AC00317	10,846		-
Total ALN 15.944 Natural Resource Stewardship			10,846		-
Cooperative Research and Training Programs – Resources of the National Park System	15.945		853,089		-
Pass-Through Chesapeake Watershed Cooperative Ecosystem Studies		P20AC00806	3,060		-
Pass-Through Cooperative Ecosystem Studies Units		P17AC01034	192,720		44,689
Total 15.945 Cooperative Research and Training Programs – Resources of the National Park System			1,048,869		44,689
Research and Development - Department of the Interior	15.RD		3,412,757		2,627,107
Pass-Through Wildlife Management Institute		GSA00041	647		-
Total ALN 15.RD Research and Development - Department of the Interior			<u>3,413,404</u>		<u>2,627,107</u>
Total U.S. Department of the Interior			<u>5,440,582</u>		<u>2,717,630</u>
U.S. Department of Justice					
OVW Research and Evaluation Program	16.026		131,926		38,234
Services for Trafficking Victims	16.320		922,314		368,652
Pass-Through Baltimore Child Abuse Center		2016-XV-GX-K022	1,140		-
Total ALN 16.320 Services for Trafficking Victims			923,454		368,652
Legal Assistance for Victims	16.524		145,059		-
Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	16.525		107,133		-
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		1,248,607		158,797
Pass-Through Pennsylvania State University		S000482NIJ	62,958		-
Pass-Through University of Pittsburgh		CNVA00059288 (413841-3)	353,218		-
Total ALN 16.560 National Institute of Justice Research, Evaluation, and Development Project Grants			1,664,783		158,797
Criminal Justice Research and Development Graduate Research Fellowships	16.562		97,118		88,657
Economic, High-Tech, and Cyber Crime Prevention	16.752		76,801		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Justice (continued)					
Second Chance Act Reentry Initiative	16.812				
Pass-Through Baltimore Police Department		400040841820422	\$ 63,126		\$ -
Total ALN 16.812 Second Chance Act Reentry Initiative			63,126		-
Byrne Criminal Justice Innovation Program	16.817				
Pass-Through Greater Baybrook Alliance		21010299	36,983		-
Total ALN 16.817 Byrne Criminal Justice Innovation Program			36,983		-
Research and Development - Department of Justice	16.RD				
Pass-Through Baltimore City		Unknown	9,548		-
Total ALN 16.RD Research and Development - Department of Justice			9,548		-
Total U.S. Department of Justice			3,255,931		654,340
U.S. Department of Labor					
H-1B Job Training Grants	17.268				
Pass-Through Montgomery College		HG-29354-16-60-A-24	1,844		-
Pass-Through Montgomery College		HG-30135-17-60-A-24	4,030		-
Total ALN 17.268 H-1B Job Training Grants			5,874		-
Total U.S. Department of Labor			5,874		-
U.S. Department of State					
Public Diplomacy Programs	19.040		52,620		-
Trans-National Crime	19.705		313,738		154,001
AEECA/ESF PD Programs	19.900				
Pass-Through US Embassy in North Macedonia, Skopje		SMK80019GR0015	6,574		-
Total ALN 19.900 AEECA/ESF PD Programs			6,574		-
Total U.S. Department of State			372,932		154,001
U.S. Department of Transportation					
Aviation Research Grants	20.108		224,296		-
Air Transportation Centers of Excellence	20.109		1,349,632		1,051,090
Highway Research and Development Program	20.200		268,335		-
Pass-Through Delaware Department of Transportation		1840	2,573,094		-
Pass-Through Metropolitan Washington Council of Governments		21058	236,021		-
Total ALN 20.200 Highway Research and Development Program			3,077,450		-
Highway Planning and Construction	20.205		474,839,603		72,037,050
Highway Training and Education	20.215		25,355		-
Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements	20.237		20,674		-
University Research Institutes Program	20.702		351		-
PHMSA Pipeline Safety Research and Development "Other Transaction Agreements"	20.723				
Pass-Through Institute of Gas Technology		S940	133,881		-
Total ALN 20.723 PHMSA Pipeline Safety Research and Development "Other Transaction Agreements"			133,881		-
Great Ships Initiative	20.818		186,676		26,052
Transportation Planning, Research and Education	20.931		1,671,254		1,095,380
Pass-Through Pennsylvania State University		5902-GMU-DOT-7-103	111,180		-
Total ALN 20.931 Transportation Planning, Research and Education			1,782,434		1,095,380
Research and Development - Department of Transportation	20.RD		376,921		22,848
Pass-Through American Association of State Highway		180053	1,258,538		-
Pass-Through Battelle Memorial Institute		761413	87,006		-
Pass-Through Battelle Memorial Institute		US0010000802593	37,796		-
Pass-Through District of Columbia Department of Transportation		DCKA2018C0093	961,466		-
Pass-Through Illinois Department of Transportation		114940719001000	165,999		-
Pass-Through New Jersey Department of Transportation		19010156	92,284		-
Pass-Through The National Academies - Transportation Research		SUB0001015	100,905		-
Pass-Through Transportation and Development Louisiana Department		202SSDOTLT1000347	664,649		-
Total ALN 20.RD Research and Development - Department of Transportation			3,745,564		22,848
Contract/Other	20.999		1,991		-
Total U.S. Department of Transportation			485,387,907		74,232,420

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of the Treasury					
Low Income Taxpayer Clinics	21.008		\$ 153,406		\$ -
Total U.S. Department of the Treasury			153,406		-
Appalachian Regional Commission					
Appalachian Development Highway System	23.003		62,556		-
Total Appalachian Regional Commission			62,556		-
General Services Administration					
Research and Development - General Services Administration	39.RD				
Pass-Through Battelle Memorial Institute		US0010000784152	93,082		-
Total ALN 39.RD Research and Development - General Services Administration			93,082		-
Total General Services Administration			93,082		-
National Aeronautics and Space Administration					
Science	43.001		55,469,351		7,456,831
Pass-Through American University		31569A200109S01	2,303		-
Pass-Through Arizona State University		17204	101,644		-
Pass-Through Auburn University		17PHYS209379UMCP	30,503		-
Pass-Through Bay Area Environmental Research Institute		Agreement Dated 7/24/2020	98,791		-
Pass-Through Bay Area Environmental Research Institute		AGRMNT DTD 7/2/2019	47,541		-
Pass-Through Boston University		4500003544	23,042		-
Pass-Through City College of New York		CM00001813-00	91,856		-
Pass-Through Colorado State University		G800911	10,605		-
Pass-Through Columbia University		1(GG015558)	28,611		-
Pass-Through Columbia University		97GG009393	18,000		-
Pass-Through Columbia University		SAPOG140662GG015641	8,486		-
Pass-Through Jet Propulsion Laboratory		1364443	33,438		-
Pass-Through Jet Propulsion Laboratory		1659235	1,993		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1581633	1,799		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1635905	26,015		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1636240	22,065		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1637289	5,903		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1653426	143		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1653861	2,105		-
Pass-Through Johns Hopkins Applied Physics Laboratory		161465	74,833		-
Pass-Through Johns Hopkins University		160251	8,403		-
Pass-Through Johns Hopkins University		2004301032	43,894		-
Pass-Through Johns Hopkins University		2004694298	14,936		-
Pass-Through Johns Hopkins University		2004923658	18,769		-
Pass-Through Johns Hopkins University Applied Physics Labo		129175	39,349		-
Pass-Through Johns Hopkins University Applied Physics Labo		159785	20,522		-
Pass-Through Lawrence Livermore National Laboratory op. Lawr		B634364	139,523		-
Pass-Through Miami University		MCCARTYNASAMARYLA NDG03016	15,510		-
Pass-Through Montana State University		G23917W6575	8,510		-
Pass-Through Nanohmics Inc.		21010408	17,784		-
Pass-Through National Center for Atmospheric Research op.		SUBAWD002078	45,431		-
Pass-Through National Radio Astronomy Observatory op. Asso		366836	86,557		-
Pass-Through National Radio Astronomy Observatory op. Asso		PO367446	31,987		-
Pass-Through Olin College of Engineering		80NSSC19K1585UMD1	7,400		-
Pass-Through Oregon State University -		NS299A-B	34,748		-
Pass-Through Pennsylvania State University		5713UMNASA0690	16,231		-
Pass-Through Pennsylvania State University		S000886NASA	15,056		-
Pass-Through Planetary Science Institute		1637UMD	20,862		-
Pass-Through Planetary Science Institute		1641UMD	852		-
Pass-Through Planetary Science Institute		1695UMD	14,836		-
Pass-Through Smithsonian Astrophysical Observatory		GOO-21006B	3,931		-
Pass-Through Smithsonian Astrophysical Observatory		GOO-21023A	18,946		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
National Aeronautics and Space Administration (continued)					
Science (continued)	43.001				
Pass-Through Smithsonian Astrophysical Observatory		GO0-21076B	\$ 4,180		\$ -
Pass-Through Smithsonian Astrophysical Observatory		GO7-18082A	14,876		-
Pass-Through Smithsonian Astrophysical Observatory		GO8-19010A	1,816		-
Pass-Through Smithsonian Astrophysical Observatory		GO9-20015B	1,816		-
Pass-Through Smithsonian Astrophysical Observatory		GO9-20022A	21,512		-
Pass-Through Smithsonian Astrophysical Observatory		GO9-20024A	9,783		-
Pass-Through Smithsonian Astrophysical Observatory		SV3-83018	17,665		-
Pass-Through Southwest Research Institute		M99003PK	24,775		-
Pass-Through Southwest Research Institute		N99017DS	72,869		-
Pass-Through Space Science Institute		1007	37,752		-
Pass-Through Space Science Institute		748	4,929		-
Pass-Through Space Telescope Science Institute		HST-GO-14158.001-A	5,608		-
Pass-Through Space Telescope Science Institute		HST-GO-14159.001-A	18,281		-
Pass-Through Space Telescope Science Institute		HST-GO-14671.001-A	16,675		-
Pass-Through Space Telescope Science Institute		HST-GO-15129.007-A	6,939		-
Pass-Through Space Telescope Science Institute		HSTAR16135001A	4,854		-
Pass-Through Space Telescope Science Institute		HSTGO14357001A	17,965		-
Pass-Through Space Telescope Science Institute		HSTGO14767006A	945		-
Pass-Through Space Telescope Science Institute		HSTGO15135005A	10,822		-
Pass-Through Space Telescope Science Institute		HSTGO15357006A	12,397		-
Pass-Through Space Telescope Science Institute		HSTGO15915002A	14,951		-
Pass-Through Space Telescope Science Institute		HSTGO15922002A	6,026		-
Pass-Through Space Telescope Science Institute		HSTGO15965003A	4,843		-
Pass-Through Space Telescope Science Institute		HSTGO15978006A	10,498		-
Pass-Through Space Telescope Science Institute		HSTGO16044003A	937		-
Pass-Through Space Telescope Science Institute		HSTGO16067001A	999		-
Pass-Through Space Telescope Science Institute		HSTGO16089001A	16,717		-
Pass-Through The Regents Of The University of Colorado		1556351	31,245		-
Pass-Through The Regents Of The University of Colorado		1558034	67,360		-
Pass-Through The Regents Of The University of Colorado		1558713	16,329		-
Pass-Through The Regents Of The University of Colorado		1559618	774		-
Pass-Through The University of Texas at Austin		UTA20000815	22,498		-
Pass-Through Universities Space Research Association		07-0064 Arendt	13,667		-
Pass-Through Universities Space Research Association		70063	4,440		-
Pass-Through Universities Space Research Association		80238	38,967		-
Pass-Through Universities Space Research Association		SOF060059	18,077		-
Pass-Through Universities Space Research Association		SOF060165	6,574		-
Pass-Through Universities Space Research Association		SOF060170	11,861		-
Pass-Through Universities Space Research Association		SOF060173	94,504		-
Pass-Through Universities Space Research Association		SOF070077	313,731		-
Pass-Through Universities Space Research Association		SOF070126	16,956		-
Pass-Through Universities Space Research Association		SOF070144	4,774		-
Pass-Through University Corporation for Atmospheric R		SUBAWD002077	20,590		-
Pass-Through University of Alabama, Tuscaloosa		A21-0187-S002	2,873		-
Pass-Through University of Alaska-Fairbanks		UA210038	11,410		-
Pass-Through University of Arizona		409534	81		-
Pass-Through University of Arizona		491741	62,093		-
Pass-Through University of Arizona		531782	11,554		-
Pass-Through University of Arizona		556259	6,879		-
Pass-Through University of California Berkeley		7550	28,183		-
Pass-Through University of California Irvine		20173538	75,140		-
Pass-Through University of California Los Angeles		2095GXA018	35,194		-
Pass-Through University of Chicago		AWD06886301PR	16,924		-
Pass-Through University of Florida		SUB00002270	10,463		-
Pass-Through University of Massachusetts Boston		B000691517	22,795		-
Pass-Through University of Michigan		3004596035	16,626		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
National Aeronautics and Space Administration (continued)					
Science (continued)	43.001				
Pass-Through University of Michigan		SUBK00008051 PO3005162377	\$ 20,538		\$ -
Pass-Through University of Michigan		SUBK00011235	24		-
Pass-Through University of Minnesota		A007249102	14,396		-
Pass-Through University of Nevada Reno		UNR1818	106,774		-
Pass-Through University of New Hampshire		17062	9,174		-
Pass-Through University of New Hampshire		L0078	30,164		-
Pass-Through University of North Dakota		UND0025763	8,225		-
Pass-Through University of Notre Dame		203769UMD	4,284		-
Pass-Through University of Wisconsin-Madison		949	83,832		-
Pass-Through Virginia Polytechnic Institute & State Un		42668919113	5,832		-
Pass-Through Woods Hole Oceanographic Institute		A101509	73,830		-
Pass through Columbia University		NNX17AG40G	21,032		-
Pass Through Peraton		Unknown	184,647		-
Pass-Through Jet Propulsion Lab California		Unknown	11,331		-
Total ALN 43.001 Science			<u>58,641,139</u>		<u>7,456,831</u>
Aeronautics	43.002		184,838		95,253
Pass-Through Universities Space Research Administration		Unknown	126		-
Pass-Through Universities Space Research Administration		NNG11HP16A - 5700-01-02	2,536,639		-
Total ALN 43.002 Aeronautics			<u>2,721,603</u>		<u>95,253</u>
Exploration	43.003		24,694,238		15,832,387
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1652536	75,001		-
Pass-Through National Space Grant Foundation		M2MXHAB202101	4,090		-
Pass-Through National Space Grant Foundation		M2MXHAB202102	10,613		-
Pass-Through National Space Grant Foundation		XHAB202001	15,968		-
COVID-19 Exploration					
Pass-Through Baylor College of Medicine		7000001153	88,260		-
Total ALN 43.002 Exploration			<u>24,888,170</u>		<u>15,832,387</u>
Aeronautics, Recovery Act	43.004		104,175		-
Science, Recovery Act	43.006		66,218		-
Space Operations	43.007		344,898		-
Office of Stem Engagement (OSTEM)	43.008		191,224		-
Pass-Through Hampton University		HU-160021	9,469		-
Pass-Through Johns Hopkins University		NNX15AJ21H	15,670		-
Pass-Through Maryland Space Grant Consortium		80 NSSC20M00	496		-
Pass-Through National Institute of Aerospace		401019UMD	790		-
Pass-Through University of the District of Columbia		SUB9M0196MSU2	60,158		-
Pass-Through Universities Space Research Administration		HDTRA11910033	2,289		-
Total ALN 43.008 Office of Stem Engagement (OSTEM)			<u>280,096</u>		<u>-</u>
Safety, Security and Mission Services	43.009		845,542		-
Space Technology	43.012		323,222		-
Research and Development - National Aeronautics and Space Administration	43.RD		1,204,474		157,101
Pass-Through Applied Geo Solutions		80NSSC19K15111UMD	11,281		-
Pass-Through Cornerstone Research Group, Inc.		20191565	12,758		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1454733	91		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1572518	19,092		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1615776	5,069		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1639169	206,594		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1642753	53,619		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1650546	25,000		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1656794	10,515		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1657818	37,453		-
Pass-Through Johns Hopkins University Applied Physics Labo		130736	98,535		-
Pass-Through Johns Hopkins University Applied Physics Labo		132347	7,924		-
Pass-Through Lightspin Technologies		19102675	848		-
Pass-Through Maryland Space Grant Consortium		2004568530	10,099		-
Pass-Through Maryland Space Grant Consortium		2004601353	23,179		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
National Aeronautics and Space Administration (continued)					
Research and Development - National Aeronautics and Space Administration (continued)					
Pass-Through Massachusetts Institute of Technology	43.RD	5710003696	\$ 367		\$ -
Pass-Through National Institute of Aerospace		201093UMD	6,963		-
Pass-Through National Institute of Aerospace		202019UMD	76,005		-
Pass-Through National Institute of Aerospace		302004AUMD	96,187		-
Pass-Through National Institute of Aerospace		302004BUMD	100,048		-
Pass-Through National Institute of Aerospace		401017UMD	39,568		-
Pass-Through Ohio State University		60061598	143,950		-
Pass-Through Pennsylvania State University		S000850NASA	18,783		-
Pass-Through Q-Peak, Inc.		SC3001098276546	5,996		-
Pass-Through Southwest Research Institute		K99061JRG	19,099		-
Pass-Through Space Telescope Science Institute		51199	862		-
Pass-Through Space Telescope Science Institute		HSTGO14607001A	29,715		-
Pass-Through Space Telescope Science Institute		HSTGO14850001A	12,426		-
Pass-Through Space Telescope Science Institute		HSTGO15069002A	16,348		-
Pass-Through Space Telescope Science Institute		HSTGO15089001A	15,712		-
Pass-Through Space Telescope Science Institute		HSTGO15110006A	2,122		-
Pass-Through Space Telescope Science Institute		HSTGO15150002A	3,005		-
Pass-Through Space Telescope Science Institute		HSTGO15155003A	7,171		-
Pass-Through Space Telescope Science Institute		HSTGO15331005A	13,965		-
Pass-Through Space Telescope Science Institute		HSTGO15372005A	13,729		-
Pass-Through Space Telescope Science Institute		HSTGO15421001A	22,722		-
Pass-Through Space Telescope Science Institute		HSTGO15455001A	15,504		-
Pass-Through Space Telescope Science Institute		HSTGO15662001A	82,156		-
Pass-Through Space Telescope Science Institute		HSTGO15690011A	28,498		-
Pass-Through Space Telescope Science Institute		HSTGO15969001A	42,552		-
Pass-Through Space Telescope Science Institute		JWSTERS01288003A	15,272		-
Pass-Through Space Telescope Science Institute		JWSTERS01335003A	9,701		-
Pass-Through Space Telescope Science Institute		JWSTERS01366017A	2,551		-
Pass-Through The Regents Of The University of Colorado		1001319513	22,991		-
Pass-Through Universities Space Research Association		SOF030114	1,196		-
Pass-Through University of Arizona		569369	8,000		-
Pass-Through University of Washington		UWSC10434	22,167		-
Total ALN 43.RD Research and Development - National Aeronautics and Space Administration			<u>2,621,862</u>		<u>157,101</u>
Total National Aeronautics and Space Administration			<u>90,836,925</u>		<u>23,541,572</u>
National Endowment for the Humanities					
Promotion of the Humanities Research	45.161		229,883		-
Promotion of the Humanities Office of Digital Humanities	45.169		83,889		-
Museum Grants for African American History and Culture	45.309				-
Pass-Through Institute of Museum and Library Services		MH-00-19-0027-19	40,301		-
Total ALN 45.309 Museum Grants for African American History and Culture			40,301		-
National Leadership Grants	45.312		532,258		-
Laura Bush 21st Century Librarian Program	45.313		267,487		14,011
Total National Endowment for the Humanities			<u>1,153,818</u>		<u>14,011</u>
National Science Foundation					
COVID-19 Engineering	47.041		7,882		-
Engineering			11,886,052		2,238,643
Pass-Through Ascribe Bioscience		20021040	20,838		-
Pass-Through Colorado State University		G-00973-8	86,570		32,339
Pass-Through Delaware State University - GM		19-070HEH	56,704		-
Pass-Through Drexel University		920061	36,052		-
Pass-Through Florida International University		201	32,076		-
Pass-Through Johns Hopkins University		2001929027	30,235		-
Pass-Through Johns Hopkins University		2003764973	4,880		-
Pass-Through Johns Hopkins University		2004614245	58,122		-
Pass-Through Lasarrus Clinic and Research Center		1912945	10,728		-
Pass-Through Lasarrus Clinic and Research Center		2030629	23,933		-
Pass-Through University of California Berkeley		10349	140,146		-

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**STATE OF MARYLAND
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YEAR ENDED JUNE 30, 2021**

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Research and Development Cluster (continued)					
National Science Foundation (continued)					
Engineering (continued)	47.041				
Pass-Through University of California Davis		A203774S001	\$ 44,689		\$ -
Pass-Through University of Southern Mississippi		8006298-03.02 UMCES	36,646		-
Pass-Through Virginia Polytechnic Institute & State Un		48000719113	47,481		-
Pass Through Astrapi Corporation		1738453	12,090		-
Total ALN 47.041 Engineering			<u>12,535,124</u>		<u>2,270,982</u>
Mathematical and Physical Sciences	47.049		12,818,734		148,572
Pass-Through American Physical Society		OMG20186	5,951		-
Pass-Through Brown University		1235	124,701		-
Pass-Through Cornell University		7887711110	33,889		-
Pass-Through Cornell University		794320667	51,103		-
Pass-Through Duke University		3332456	446,866		-
Pass-Through Harvard University		1341495113570	261,614		-
Pass-Through Howard University		0009756-100095300	2,896		-
Pass-Through Massachusetts Institute of Technology		S4790	38,581		-
Pass-Through Michigan Technological University		1912006Z3	4,806		-
Pass-Through National Radio Astronomy Observatory op. Asso		370484	12,508		-
Pass-Through Occidental College		OXY-CURM0043	5,250		-
Pass-Through Planetary Science Institute		1658UMD	16,229		-
Pass-Through Princeton University		SUB0000062	39,027		-
Pass-Through The Catholic University of America		362627SUB1	24,097		-
Pass-Through University of Chicago		AWD06656301PRSUB0000107	26,185		-
Pass-Through University of Delaware		55872	204,794		-
Pass-Through University of Massachusetts Amherst		20015919A	124,019		-
Pass-Through University of Texas at Austin		UTA19-000870	76,777		-
Pass-Through University of Wisconsin Madison		631K002	56,048		-
Pass-Through University of Wisconsin Madison		845	68,795		-
Pass-Through University of Wisconsin-Madison		188	94,768		-
Pass-Through University of Wisconsin-Madison		299	546,494		-
Total ALN 47.049 Mathematical and Physical Sciences			<u>15,084,132</u>		<u>148,572</u>
Geosciences	47.050		6,242,624		740,225
Pass-Through NSF International		EAR2020029	70,679		-
Pass-Through Southern California Earthquake Center		118063127	28,881		-
Pass-Through Stanford University		62347894132548	59,572		-
Pass-Through University of Arizona		337901	78,748		-
Pass-Through University of California Santa Barbara		KK1654	15,750		-
Pass-Through University of Wisconsin-Madison		677K390	439,177		-
Total ALN 47.050 Geosciences			<u>6,935,431</u>		<u>740,225</u>
Computer and Information Science and Engineering	47.070		11,319,895		293,205
Pass-Through Carnegie Mellon University		1122668409108	16,424		-
Pass-Through College Of Charleston		521373UM	25,184		-
Pass-Through Dartmouth College		R1384	75,370		-
Pass-Through George Washington University		19-S12	84,212		-
Pass-Through Rochester Institute of Technology		3185602	31,205		-
Pass-Through Rutgers University		1361	25,000		-
Pass-Through University of California Irvine		20201263	142,483		-
Pass-Through University of Illinois at Urbana-Champaign		7745517936	44,944		-
Pass-Through University of North Carolina		OAC1916454OAC1916454	15,831		-
Pass-Through University of North Carolina at Chapel Hill		5111153	67,851		-
Pass Through Ohio State University		1829717 60066351	16,030		-
Pass Through Trustees of Dartmouth College		R1061	64,403		-
Pass Through University of Illinois		097053-17576	3,685		-
Pass Through Virginia Tech University		IIS-1925516	8,941		-
Total ALN 47.070 Computer and Information Science and Engineering			<u>11,941,458</u>		<u>293,205</u>
Biological Sciences	47.074		10,326,167		938,786
Pass-Through Cary Institute of Ecosystem Studies		3392/200201968	32,730		32,730
Pass-Through Colorado State University		1048630	16,649		-
Pass-Through Marine Biological Laboratory		1637459	32,811		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
National Science Foundation (continued)					
Biological Sciences (continued)	47.074				
Pass-Through Northeastern University		#502483-78050 PTE #1655701	\$ 7,152		\$ -
Pass-Through Saint Bonaventure University		000985-00001	41,625		-
Pass-Through University of Kentucky		3200003509-21-080	2,362		-
Pass-Through University of Tennessee		A160172S003	9,502		-
Pass-Through Virginia Tech		1856450 480146-19913	28,179		-
Total ALN 47.074 Biological Sciences			10,497,177		971,516
Social, Behavioral, and Economic Sciences	47.075		3,044,971		285,169
Pass-Through American University		31588-02	4,745		-
Pass-Through Arizona State University		16-821	45		-
Pass-Through Duke University		333-2369	3,055		-
Pass-Through Johns Hopkins University		2003159920	23,918		-
Pass-Through University of Illinois at Chicago		17702	10,134		-
Pass-Through University of Pennsylvania		579815	7,352		-
Pass-Through University of Southern California		132262734	17,003		-
Total ALN 47.075 Social, Behavioral, and Economic Sciences			3,111,223		285,169
Education and Human Resources	47.076		14,793,367		1,525,327
Pass-Through American Educational Research Association		19123538	9,113		-
Pass-Through California State University San Marcos		9224085026UMD	41,434		-
Pass-Through Digital Harbor Foundation		1001	9,079		-
Pass-Through Howard University		0008749-1000059918/59995	444,946		-
Pass-Through Loyola University Maryland		NSF202001	17,735		-
Pass-Through UC Berkeley		00010200 - PO# BB01299747	41,065		-
Pass-Through University of California San Diego		124559513S9002520	19,041		-
Pass-Through University of Wisconsin-Madison		856K505	20,911		-
Pass-Through University of Wyoming		1003846UMD	10,994		-
Pass-Through Utah State University		201676599	131,576		-
Pass-Through Utah State University		202933693	35,848		-
Pass Through University of Wyoming		1757976	13,325		-
Pass Through Regents of Arizona State University		1821628 ASUB00000132	7,559		-
Pass Through from Howard University		Unknown	14,416		-
Pass Through North Carolina A&T University		1845979	7,151		-
Pass Through John Hopkins University		2005790	20,777		-
Pass Through Howard University		0008749-1000060112/60113	21,796		-
Pass Through Virginia Tech University		545504-19062	1,252		-
Total ALN 47.076 Education and Human Resources			15,661,385		1,525,327
Polar Programs	47.078		37,433		-
Pass-Through University of Wisconsin-Madison		1307	174,302		-
Total ALN 47.078 Polar Programs			211,735		-
Office of International Science and Engineering	47.079		74,045		497
Pass-Through University of Wisconsin		1024	30,492		-
Pass-Through American Physical Society		EP30052018	69,510		-
Total ALN 47.079 Office of International Science and Engineering			174,047		497
Integrative Activities	47.083		1,409,491		186,434
Pass-Through Boise State University		6800PO124139	92,911		-
Pass-Through California Institute of Technology		S376375	28,449		-
Pass-Through Purdue University		10001759038	76,465		-
Pass-Through The University of Texas Arlington		2019GC5663	7,379		-
Pass-Through University of Southern California		124187950	140,058		-
Total ALN 47.083 Integrative Activities			1,754,753		186,434
Intergovernmental Personnel Act	47.IPA		1,374,916		-
Research and Development - National Science Foundation	47.RD		1,289,635		-
Pass-Through American Political Science Association		20126630	15,000		-
Pass-Through Johns Hopkins University		2005017015	8,123		-
Pass-Through Research Corporation for Science Advancement		27461	62,479		-
Pass-Through SeeTrue Technology, LLC		19123546	49,239		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
National Science Foundation (continued)					
Research and Development - National Science Foundation (continued)	47.RD				
Pass-Through Southern California Earthquake Center		118063127	\$ 28,071		\$ -
Pass-Through University of California Santa Barbara		KK1925	19,257		-
Pass-Through University of Denver		1518532	16,528		-
Pass-Through University of Michigan		SUBK00013581	52,815		-
Pass-Through University of Montana		PG19-66297-03	20,904		-
Total ALN 47.RD Research and Development - National Science Foundation			1,562,051		-
Contract/Other	47.999		262,304		-
Total National Science Foundation			81,105,736		6,421,927
U.S. Department of Veterans Affairs					
Research and Development - U.S. Department of Veterans Affairs	64.RD		72,417		-
Contract/Other	64.999		2,466,931		-
Pass-Through Institute for Clinical Research, Inc		WallP5UMDB	46,210		-
Total ALN 64.999 Contract/Other			2,513,141		-
Total U.S. Department of Veterans Affairs			2,585,558		-
Environmental Protection Agency					
National Estuary Program	66.456		244,647		-
Chesapeake Bay Program	66.466		3,010,206		14,556
Pass-Through Alliance For The Chesapeake Bay Inc		17092918	7,051		-
Pass-Through Alliance for the Chesapeake Bay		96334901	83,163		-
Pass-Through Bailey Wildlife Foundation		USM Foundation Acct 07-55043	5,273		-
Pass-Through Center for Watershed Protection		19092553	4,853		-
Pass-Through Chesapeake Bay Trust		16920	18,097		-
Pass-Through Chesapeake Bay Trust		175491	168,039		-
Pass-Through Chesapeake Bay Trust		20052424	22,145		-
Pass-Through Chesapeake Conservancy, Inc.		CB-963630-01-0	93,384		-
Pass-Through Low Impact Development Center		17072206	4,551		-
Pass-Through Nanticoke Watershed Alliance		19092525	347		-
Pass-Through National Fish and Wildlife Foundation		60214046749	52,345		-
Pass-Through Prince Georges County		4100004443	98,120		-
Pass-Through Tetra Tech, Inc.		100-WTR-T98130 PO #1173581	9,979		-
Total ALN 66.466 Chesapeake Bay Program			3,577,553		14,556
Great Lakes Program	66.469				
Pass-Through Michigan Department of Environmental Quality		13092625	50,923		-
Total ALN 66.469 Great Lakes Program			50,923		-
Science To Achieve Results (STAR) Research Program	66.509		83,665		65,149
Pass-Through Duke University		3431001	63,913		-
Total ALN 66.509 Science To Achieve Results (STAR) Research Program			147,578		65,149
Research and Development - Environmental Protection Agency	66.RD				
Pass-Through Pacific Northwest National Laboratory op. Batte		543605	50,148		-
Total ALN 66.RD Research and Development - Environmental Protection Agency			50,148		-
Total Environmental Protection Agency			4,070,849		79,705
Nuclear Regulatory Commission					
U. S. Nuclear Regulatory Commission Nuclear Education Grant Program	77.006		12,750		-
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008		126,170		-
Research and Development - Nuclear Regulatory Commission	77.RD				
Pass-Through MOTE Marine Laboratory & Aquarium		NA19NOS4780183	129,168		-
Total AL 77.RD Research and Development - Nuclear Regulatory Commission			129,168		-
Total Nuclear Regulatory Commission			268,088		-
U.S. Department of Energy					
Office of Science Financial Assistance Program	81.049		7,667,742		197,033
Pass-Through Air Dynamics Industrial Systems Corporation		20084278	24,064		-
Pass-Through Amehyst Research Inc		19660	518		-
Pass-Through Anonitech, LLC		UMBC-21-001	27,640		-

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**STATE OF MARYLAND
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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Energy (continued)					
Office of Science Financial Assistance Program (continued)	81.049				
Pass-Through Colorado State University		G012081	\$ 13,829		\$ -
Pass-Through Duke University		3230279	272,288		-
Pass-Through Inventwood LLC		19102845	56,489		-
Pass-Through Inventwood LLC		DESC0018820UMD2	21,730		-
Pass-Through Maryland Energy and Sensor Technologies		21041965	24,028		-
Pass-Through Massachusetts Institute of Technology		Unknown	78,134		-
Pass-Through Massachusetts Institute of Technology		S4690PO236498	259,251		-
Pass-Through Purdue University		14000459026	98,492		-
Pass-Through Questek Innovations		50756	20,935		-
Pass-Through Raytum Photonics		Agrmnt Dtd 3/6/2020	48,756		-
Pass-Through The University of Texas at Austin		UTA1800275	144,049		-
Pass-Through Univ. of Missouri - Columbia		C00067173-1	248,849		-
Pass-Through University of California Berkeley		10058	166,608		-
Pass-Through University of California San Diego		119715560	87,585		-
Pass-Through University of Delaware		51605	111,386		-
Pass-Through University of Iowa		S0048901	74,349		-
Pass-Through University of Michigan		3005750010SUBK00011108	93,224		-
Total ALN 81.049 Office of Science Financial Assistance Program			9,539,946		197,033
University Coal Research	81.057		62,071		-
Conservation Research and Development	81.086		3,459,108		228,665
Pass-Through Navitas Advanced Solutions Group		19071892	79,130		-
Total ALN 81.086 Conservation Research and Development			3,538,238		228,665
Renewable Energy Research and Development	81.087		418,931		1,767
Pass-Through Advanced Cooling Technologies Inc.		34366	59,794		-
Pass-Through National Renewable Energy Laboratory op. Allian		21010285	10,787		-
Pass-Through North Carolina State University		2019015603	158,610		-
Pass-Through Oregon State University		G0174AA	125,734		-
Pass-Through Oregon State University -		G0169A-A	10,309		-
Total ALN 81.087 Renewable Energy Research and Development			784,165		1,767
Fossil Energy Research and Development	81.089		719,044		218,206
Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	81.117				
Pass-Through Lawrence Berkeley National Laboratory		7532088	139,156		-
Total ALN 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance			139,156		-
Nuclear Energy Research, Development and Demonstration	81.121		256,385		-
Pass-Through Ohio State University		RF01596684	87,677		-
Total ALN 81.121 Nuclear Energy Research, Development and Demonstration			344,062		-
National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program	81.123		164,298		-
Predictive Science Academic Alliance Program	81.124		199,667		37,513
Advanced Research Projects Agency - Energy	81.135		4,176,641		1,766,444
Pass-Through HighT-Tech		21010555	22,414		-
Pass-Through Intel Corporation		CW2059899	93,309		-
Pass-Through Intel Corporation		CW2061425	49,302		-
Pass-Through Johns Hopkins University		2004670125	179,189		-
Pass-Through PolyPlus Battery Company		19082151	75,014		-
Pass-Through The University of Texas at Austin		UTA21000223	17,712		-
Pass-Through University of California San Diego		S9001613	67,370		-
Pass-Through University of New Mexico		433623871D	22,191		-
Total ALN 81.135 Advanced Research Projects Agency - Energy			4,703,142		1,766,444
Intergovernmental Personnel Act	81.IPA		262,867		-
Research and Development - U.S. Department of Energy	81.RD		911,144		60,408
Pass-Through Pacific Northwest National Laboratory op. Batte		495961	40,000		-
Pass-Through Argonne National Laboratory op. U Chicago Argon		9F60266	100,681		-
Pass-Through Brookhaven National Laboratory op. Brookhaven		378913	193,925		-
Pass-Through Columbia University		1GG015568	54,233		-
Pass-Through Fermi National Accelerator Laboratory op. Fer		655987	153,836		-
Pass-Through Fermi National Accelerator Laboratory op. Fer		657027	126,675		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Energy (continued)					
Research and Development - U.S. Department of Energy (continued)	81.RD				
Pass-Through Fermi National Accelerator Laboratory op. Fer		657831	\$ 52,285		\$ -
Pass-Through Honeywell Federal Manufacturing & Technol		N000345387	84,278		-
Pass-Through Honeywell Federal Manufacturing & Technol		N000384691	5,055		-
Pass-Through Honeywell Federal Manufacturing & Technol		N000386452	5,055		-
Pass-Through Idaho National Laboratory op. Battelle Energy A		227774	77,479		-
Pass-Through Lawrence Berkeley National Laboratory op. Uni		7257196	153		-
Pass-Through Lawrence Berkeley National Laboratory op. Uni		7309125	14,696		-
Pass-Through Lawrence Livermore National Laboratory op. Lawr		B635866	221,043		-
Pass-Through Lawrence Livermore National Laboratory op. Lawr		B638796	9,442		-
Pass-Through Lawrence Livermore National Laboratory op. Lawr		B638935	10,515		-
Pass-Through Lawrence Livermore National Laboratory op. Lawr		B639159	1,387		-
Pass-Through Lawrence Livermore National Laboratory op. Lawr		B644673	36,054		-
Pass-Through Leonardo Technologies		LTIFE0022594MAR	92,149		-
Pass-Through Los Alamos National Laboratory op. Los Alamos N		542243	73,131		-
Pass-Through Los Alamos National Laboratory op. Los Alamos N		584261	64,489		-
Pass-Through National Renewable Energy Laboratory op. Allian		AHQ99200203	5,963		-
Pass-Through National Renewable Energy Laboratory op. Allian		SUB202010093	76,783		-
pass-Through Oak Ridge Institute For Science And Education		SAWDWD00850	14,045		-
Pass-Through Oak Ridge National Laboratory		4000165624	76,239		-
Pass-Through Oak Ridge National Laboratory		4000166080	57,825		-
Pass-Through Oak Ridge National Laboratory		4000177576	51,128		-
Pass-Through Pacific Northwest National Laboratory op. Batte		388695	43,094		-
Pass-Through Pacific Northwest National Laboratory op. Batte		436606	74,354		-
Pass-Through Pacific Northwest National Laboratory op. Batte		475387	11,176		-
Pass-Through Pacific Northwest National Laboratory op. Batte		549024	9,412		-
Pass-Through SLAC National Accelerator Laboratory op. Stan		193040	274,942		-
Pass-Through Sandia National Laboratories op. Sandia Corp su		1905308	459,127		-
Pass-Through Sandia National Laboratories op. Sandia Corp su		1997753	27,965		-
Pass-Through Sandia National Laboratories op. Sandia Corp su		2130363	42,799		-
Pass-Through The Boeing Company		2035447	20,114		-
Pass-Through United Technologies Research Center		1256546	58,739		-
Pass-Through United Technologies Research Center		1257037	182,039		-
Total ALN 81.RD Research and Development - U.S. Department of Energy			3,813,449		60,408
Contract/Other	81.999		83,820		-
Total U.S. Department of Energy			24,353,925		2,510,036
U.S. Department of Education					
Minority Science and Engineering Improvement	84.120		22,325		-
TRIO McNair Post-Baccalaureate Achievement	84.217		193,356		-
Education Research, Development and Dissemination	84.305		1,196,096		63,011
Pass-Through Miami University Ohio		G02886	53,281		-
Pass-Through Tulane University		TUL-SCC-556411-18/19	20,336		-
Total ALN 84.305 Education Research, Development and Dissemination			1,269,713		63,011
Teacher Quality Partnership Grants	84.336		772,228		102,930
Research and Development - U.S. Department of Education	84.RD		630,997		-
Total U.S. Department of Education			2,888,619		165,941
National Archives and Records Administration					
Research and Development - National Archives and Records Administration	89.RD		2,136		-
Total National Archives and Records Administration			2,136		-
U.S. Department of Health and Human Services					
COVID-19 Global AIDS	93.067		7,103,826		1,760,552
Global AIDS			40,475,429		19,244,728
Pass-Through African Medical and Research Foundation		6NU2GGH002148-01-01-UMB-US-001	1,838,874		-
Pass-Through Botswana-UMSOM Health Initiative		CDC-GH2232-001	622,610		-
Pass-Through Botswana-UMSOM Health Initiative		CDC-GH2258-001	102,125		-
Pass-Through Institute of Human Virology, Nigeria		NU2GGH002099	1,937,907		-
Total ALN 93.067 Global AIDS			52,080,771		21,005,280

See accompanying Notes to Schedule of Expenditures of Federal Awards

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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		\$ 26,475		\$ -
Pass-Through The University of Texas Health Science Center		0013927A	41,578		-
Pass-Through University of Southern California		138921702	6,677		-
Total ALN 93.077 Family Smoking Prevention and Tobacco Control Act Regulatory Research			74,730		-
COVID-19 Prevention of Disease, Disability, and Death by Infectious Diseases	93.084		657,107		58,908
Prevention of Disease, Disability, and Death by Infectious Diseases			327,754		217,622
Pass-Through Johns Hopkins University - SOM		2004142884	7,891		-
Pass-Through University of Illinois at Chicago		Sub# 17270	53,870		-
Pass-Through University of Utah		10049023-03	7,575		-
Total ALN 93.084 Prevention of Disease, Disability, and Death by Infectious Diseases			1,054,197		276,530
Healthy Marriage Promotion and Responsible Fatherhood Grants	93.086		506,173		109,666
Pass-Through Virginia Polytechnic Institute & State Un		41253419113	245,885		-
Total ALN 93.086 Healthy Marriage Promotion and Responsible Fatherhood Grants			752,058		109,666
COVID-19 Affordable Care Act (ACA) Personal Responsibility Education Program	93.092				
Pass-Through Baltimore City Health Dept.		CO# 39776	75,075		-
Pass-Through Baltimore City Health Dept.		CO#39270	5,682		-
Total ALN 93.092 COVID-19 Affordable Care Act (ACA) Personal Responsibility Education Program			80,757		-
Food and Drug Administration Research	93.103		7,902,400		720,903
Pass-Through Battelle Memorial Institute		US001-0000736542	3,093		-
Pass-Through Children's Research Institute		3000483501	57,385		-
Pass-Through Children's Research Institute		3000610801	212,702		-
Pass-Through National Institute of Pharma for Technology		NIPTE-U01-MD-2016001	6,027		-
Pass-Through National Institute of Pharma for Technology		NIPTE-U01-MD-2021-001	62,979		-
Total ALN 93.103 Food and Drug Administration Research			8,244,586		720,903
COVID-19 Area Health Education Centers	93.107		94,869		77,319
Area Health Education Centers			395,081		317,375
Total ALN 93.107 Area Health Education Centers			489,950		394,694
Maternal and Child Health Federal Consolidated Programs	93.110		10,455		-
Pass-Through American Academy of Pediatrics		100143	40,606		-
Pass-Through American Academy of Pediatrics		876100-UMD	243,486		41,895
Pass-Through HealthEfficient		20105106	90,765		-
Pass-Through Kennedy Krieger Institute		1.13107E+11	11,352		-
Total ALN 93.110 Maternal and Child Health Federal Consolidated Programs			396,664		41,895
Environmental Health	93.113		810,764		-
Pass-Through Georgia Institute of Technology		AWD101498G1	50,527		-
Pass-Through J. Craig Venter Institute		JCVI20014	11,873		-
Pass-Through Johns Hopkins University SOM		2004252810	231,600		-
Pass-Through University of South Carolina -		19-3814	70,179		-
Total ALN 93.113 Environmental Health			1,174,943		-
Oral Diseases and Disorders Research	93.121		4,396,695		194,660
Pass-Through Creatv MicroTech Incorporated		CRE-UMB-01	29,348		-
Pass-Through Georgia Institute of Technology		RK068G2	30,746		-
Pass-Through Rutgers, the State University of New Jersey		1126	3,045		-
Pass-Through Rutgers, the State University of New Jersey		Sub Award # 1619	185,887		-
Pass-Through State University of New York		R1136494	18,659		-
Pass-Through Technology Assessment & Transfer, Inc.		KR37614	87,542		-
Pass-Through The Lundquist Institute for Biomedical Innovation		30842-UMB	24,866		-
Pass-Through Univ of Texas Hlth Sci Ctr @ San Antonio		166331/166325	33,189		-
Pass-Through University of New York @ Buffalo		R1091464	7,744		-
Pass-Through University of North Carolina at Chapel H		5119061	20,156		-
Pass-Through University of Pittsburgh		CNVA00056675 (129880-2)	11,798		-
Total ALN 93.121 Oral Diseases and Disorders Research			4,849,675		194,660
Nurse Anesthetist Traineeship	93.124		41,625		-
Centers for Research and Demonstration for Health Promotion and Disease Prevention	93.135		722,022		27,300

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Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Health and Human Services (continued)					
Injury Prevention and Control Research and State and Community Based Programs	93.136				
Pass-Through Baltimore City Health Dept.		CO# 39981	\$ 2,460		\$ -
Pass-Through Michigan Department of Health and Human Services		Agreement #: E20214503-00	35,586		-
Pass-Through University of Utah		1U01CE002855	64,378		-
Total ALN 93.136 Injury Prevention and Control Research and State and Community Based Programs			102,424		-
Community Programs to Improve Minority Health Grant Program	93.137		124,786		46,116
Pass-Through Community Clinic Inc.		18010106	11,844		-
Total ALN 93.137 Community Programs to Improve Minority Health Grant Program			136,630		46,116
NIEHS Hazardous Waste Worker Health and Safety Training	93.142		578,782		-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		136,085		37,093
Pass-Through RemBac Environmental LLC		Agreement Dated 9/11/2020	16,448		-
Total ALN 93.143 NIEHS Superfund Hazardous Substances_Basic Research and Education			152,533		37,093
COVID-19 HIV-Related Training and Technical Assistance	93.145				
Pass-Through University of Pittsburgh		AWD00002368 (134508-2)	42,689		-
HIV-Related Training and Technical Assistance					
Pass-Through University of Pittsburgh		CNVA00050178 (132978-4)	4,484		-
Pass-Through University of Pittsburgh		CNVA00050178 (134540-2)	278,074		-
Pass-Through University of Pittsburgh		CNVA00050178 (135564-2)	13,062		-
Pass-Through University of Pittsburgh		CNVA00050178 (135565-2)	15,097		-
Pass Through Howard University		Unknown	4,800		-
Total ALN 93.145 HIV-Related Training and Technical Assistance			358,206		-
COVID-19 Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153				
Pass-Through Johns Hopkins University - SOM		2004931104	15,350		-
Coordinated Services and Access to Research for Women, Infants, Children, and Youth					
Pass-Through Johns Hopkins University - SOM		2003571654	17,996		-
Total ALN 93.153 Coordinated Services and Access to Research for Women, Infants, Children, and Youth			33,346		-
Rural Health Research Centers	93.155		164,415		-
Human Genome Research	93.172		1,766,586		220,176
Pass-Through University of Wisconsin-Madison		1025	38,179		-
Total ALN 93.172 Human Genome Research			1,804,765		220,176
Research Related to Deafness and Communication Disorders	93.173		5,267,198		1,067,327
Pass-Through Carnegie Mellon University		1090446367247	175,730		-
Pass-Through Columbia University		1(GG014914-01)	197,301		-
Pass-Through Columbia University		2(GG015080-01)	104,891		-
Pass-Through Georgetown University		7773169-GR205792	75,011		-
Pass-Through Johns Hopkins University Homewood Divisi		2002787424	168,438		-
Pass-Through Nemours/Alfred I. duPont Hospital for Children		3023854003	474		-
Pass-Through University of Colorado		FY20.909.002_AMD5	52,154		-
Pass-Through University of Delaware		56243	5,961		-
Pass-Through University of Delaware		58419	54,567		-
Pass-Through West Virginia University		17214UMD	120,506		-
Total ALN 93.173 Research Related to Deafness and Communication Disorders			6,222,231		1,067,327
Nursing Workforce Diversity	93.178		448,766		43,117
Telehealth Programs	93.211		323,997		-
Research and Training in Complementary and Integrative Health	93.213		1,298,308		84,691
Pass-Through Georgetown University		411639_GR413437_UMB	63,472		-
Pass-Through Georgetown University		411716-GR411710-UMB	130,106		-
Pass-Through Johns Hopkins University - SOM		2004336314	87,965		-
Total ALN 93.213 Research and Training in Complementary and Integrative Health			1,579,851		84,691
Research on Healthcare Costs, Quality and Outcomes	93.226		1,049,847		203,649
National Center on Sleep Disorders Research	93.233		438,989		-
Pass-Through Johns Hopkins University - SOM		2003228860	83,054		-
Pass-Through Johns Hopkins University - SOM		2003769396	3,880		-
Total ALN 93.233 National Center on Sleep Disorders Research			525,923		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Mental Health Research Grants	93.242		\$ 22,671,316		\$ 3,480,535
Pass-Through Centre for Addiction and Mental Health Hospital		20-240	441,851		-
Pass-Through Georgia State University		SP00013802-01	106,439		-
Pass-Through Georgia State University		SP00013802-03	49,861		-
Pass-Through Georgia State University		SP00013948-02	76,407		-
Pass-Through Johns Hopkins University		1P50MH115842-01	13,100		-
Pass-Through Michigan State University		RC105974A	34,966		-
Pass-Through San Diego State University		D733302SA005A357A780 2	11,466		-
Pass-Through San Diego State University		SA0000755	64,607		-
Pass-Through Sequon, Inc dba Terrapin Pharmacy, LLC		pte#1R44MH116765-02	9,282		-
Pass-Through Sequon, Inc dba Terrapin Pharmacy, LLC		Ref. No.: 34132	140,155		-
Pass-Through The University of Texas at Austin		UTA20000469	16,838		-
Pass-Through University of Alabama at Birmingham		000523128-002	33,583		-
Pass-Through University of Michigan		SUBK00012604	16,788		-
Pass-Through University of Nebraska Medical Center		34-5160-2135-101	33,248		-
Pass-Through University of Southern California		104025459 / 130379809	52,352		-
Pass-Through University of Southern California		108606050	35,150		-
Pass-Through University of Vermont		32146SUB52470	14,473		-
Pass-Through Yale University		GR110000 (CON-80002454)	351,995		-
Pass-Through Yale University		GR111782 (CON-80002835)	13,007		-
Total ALN 93.242 Mental Health Research Grants			<u>24,186,884</u>		<u>3,480,535</u>
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		2,447,700		369,278
Pass-Through Baltimore City Health Dept.		CO #39006	219		-
Pass-Through Baltimore City Health Dept.		CO# 39629	112,748		32,000
Pass-Through Behavioral Health System Baltimore		SA001-UTURNS-UMB	26,734		-
Pass-Through Community Services and Research Center		19072093	102,745		-
Pass-Through Emory University		A271870	17,947		-
Pass-Through Emory University		A378367	31,081		18,113
Pass-Through Emory University		Sub# A079910	7,740		-
Pass-Through STANFORD UNIVERSITY		Sub#61971852-137362	96,298		-
Pass-Through South County Healthcare Hospital System		SIGNED11172020	17,873		-
Pass-Through The Danya Institute Inc.		18123660	103,142		-
Pass-Through The Danya Institute Inc.		18123716	83,000		-
Pass-Through The Danya Institute Inc.		19010232	80,750		-
Pass-Through The Danya Institute Inc.		20105380	15,763		-
Pass-Through The Danya Institute Inc.		SM081785-01S1-MHTTC-NCSMH	209,810		36,489
Pass-Through University of Nebraska Medical Center		34-5330-3000-102	54,783		-
Pass-Through University of Nebraska Medical Center		34-5330-3002-001	175,827		-
Pass-Through University of Nebraska Medical Center		34-5528-3000-101	52,259		-
Pass-Through University of Texas at Austin		UTA19-001378	60,420		-
Total ALN 93.243 Substance Abuse and Mental Health Services Projects of Regional and National Significance			<u>3,696,839</u>		<u>455,880</u>
COVID-19 Poison Center Support and Enhancement Grant	93.253		253,233		-
Poison Center Support and Enhancement Grant			<u>51,106</u>		-
Total ALN 93.253 Poison Center Support and Enhancement Grant			304,339		-
Occupational Safety and Health Program	93.262				
Pass-Through Johns Hopkins Univ. SOM		2004847177	3,426		-
Pass-Through Johns Hopkins University		2004614431	7,020		-
Pass-Through Marshfield Clinic Research Institute		60692200	8,928		-
Pass-Through University of Pittsburgh		CNVA00053367 (131632-2)	101,484		-
Total ALN 93.262 Occupational Safety and Health Program			<u>120,858</u>		-
COVID-19 Alcohol Research Programs	93.273		630,650		-
Alcohol Research Programs			2,390,161		9,866
Pass-Through Johns Hopkins University		2003299154	15,264		-
Pass-Through Johns Hopkins University Homewood Divisi		2003171499	1,561		-
Pass-Through University of California Riverside		S001068	7,655		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Health and Human Services (continued)					
Alcohol Research Programs (continued)	93.273				
Pass-Through University of Florida		SUB00002152	\$ 26,108		\$ -
Pass-Through University of North Carolina at Chapel H		5112147	16,398		-
Pass-Through University of Texas at San Antonio		162257/161901	8,081		-
Total ALN 93.273 Alcohol Research Programs			3,095,878		9,866
Drug-Free Communities Support Program Grants	93.276		93,104		-
Drug Abuse and Addiction Research Programs	93.279		11,285,916		787,869
Pass-Through Florida State University		Subaward No. R02053	27,400		-
Pass-Through Howard University		98471000095545	20,975		-
Pass-Through New York University School of Medicine		Unknown	8,176		-
Pass-Through New York University School of Medicine		17A10000725801	16,642		-
Pass-Through The Regents of the University of California - San Diego		704047	6,520		-
Pass-Through UCLA		0875 G XB492	16,511		-
Pass-Through University of New York @ Buffalo		R1176102	23,876		-
Pass-Through University of New York @ Buffalo		R1230288	278,005		-
Pass-Through University of Connecticut		371514	26,025		-
Pass-Through University of Pittsburgh		AWD00000068 (132578-3)	125,152		-
Pass-Through University of Texas at San Antonio		162255/161624	22,326		-
Pass-Through University of Utah		10049091-01	88,896		-
Pass-Through University of Washington		UWSC8753	42,549		-
Total ALN 93.279 Drug Abuse and Addiction Research Programs			11,988,969		787,869
Mental Health National Research Service Awards for Research Training	93.282		943,285		376,060
Centers for Disease Control and Prevention Investigations and Technical Assistance	93.283		6,132		-
Pass-Through Center for Disease Dynamics, Economics &		1846-03-MDSOM	22,584		-
Total ALN 93.283 Centers for Disease Control and Prevention Investigations and Technical Assistance			28,716		-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		3,749,299		789,627
Pass-Through University of Massachusetts Amherst		21015844B00	30,610		-
Total ALN 93.286 Discovery and Applied Research for Technological Innovations to Improve Human Health			3,779,909		789,627
State Partnership Grant Program to Improve Minority Health	93.296		6,692		-
Teenage Pregnancy Prevention Program	93.297				
Pass-Through Child Trends		1305UMD01	138,281		-
Total ALN 93.297 Teenage Pregnancy Prevention Program			138,281		-
Minority Health and Health Disparities Research	93.307		3,432,503		187,258
Pass-Through Palo Alto Veterans Institute for Research		R01 MD012273	10,407		-
Pass-Through SIMmersions LLC		R44MD014112	105,705		-
Pass-Through University of California		8766sc	109,993		-
Pass-Through University of California Irvine		20201329	120,046		-
Pass-Through University of California San Francisco		12672SC	2,962		-
Pass-Through University of Florida		SUB00001888	113,792		-
Total ALN 93.307 Minority Health and Health Disparities Research			3,895,408		187,258
COVID-19 Trans-NIH Research Support	93.310				
Pass-Through Institute of Human Virology, Nigeria		PSA ABIMIKU	76,832		-
Trans-NIH Research Support			11,338,136		4,359,343
Pass-Through Avera Rural Health Services		5UH3OD023279D2	36,989		-
Pass-Through Avera Rural Health Services		5UH3OD023279D3	105,358		-
Pass-Through Institute of Human Virology, Nigeria		U24HG007008	15,080		-
Pass-Through University of New York @ Buffalo		R1191513	201		-
Pass-Through University of Cape Town		UCT00028112	74,413		-
Pass-Through University of Cape Town		UCT30362	1,945		-
Pass-Through University of New Mexico		3RGJ7	25,188		-
Total ALN 93.310 Trans-NIH Research Support			11,674,142		4,359,343
Protecting and Improving Health Globally: Building and Strengthening Public Health Impact, Systems, Capacity and Security	93.318		2,383,095		1,164,166
Pass-Through Institute of Human Virology, Nigeria		CDC-RFA-GH20-2126	126,277		-
Total ALN 93.318 Protecting and Improving Health Globally: Building and Strengthening Public Health Impact, Systems, Capacity and Security			2,509,372		1,164,166

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Health and Human Services (continued)					
National Center for Advancing Translational Sciences	93.350				
Pass-Through Johns Hopkins University - SOM		2004548643	\$ 2,294,496		\$ -
Pass-Through Johns Hopkins University - SOM		2004552003	332,738		-
Pass-Through Johns Hopkins University - SOM		2004799269	39,494		-
Pass-Through Johns Hopkins University - SOM		2004472996	75,690		-
Total ALN 93.350 National Center for Advancing Translational Sciences			2,742,418		-
Research Infrastructure Programs	93.351				
Pass-Through Oncolmmune, Inc.		R41OD028767	3,488		-
Total ALN 93.351 Research Infrastructure Programs			42,042		-
Nursing Research	93.361				
Pass-Through University of Pennsylvania		579470	56,132		-
Pass-Through University of Tennessee Health Science		A20-0920-S001	20,214		-
Pass-Through University of California, Irvine		Sub No. 2017-3501	17,196		-
Pass-Through University of Colorado Denver		FY19961004	4,312		-
Pass-Through University of Texas at Austin		UTA16-001233	23,871		-
Total ALN 93.361 Nursing Research			3,488,446		912,358
Flexible Funding Model - Infrastructure Development and Maintenance for State Manufactured Food Regulatory Programs	93.367				
Pass-Through National Institute of Pharma for Technology		NIPTE-75F-MD-2021-001	49,851		-
Total ALN 93.367 Flexible Funding Model - Infrastructure Development and Maintenance for State Manufactured Food Regulatory Programs			49,851		-
COVID-19 Cancer Cause and Prevention Research	93.393				
Cancer Cause and Prevention Research			886,288		275,800
Pass-Through GPB Scientific LLC		1R42CA228616-01	375,644		-
Pass-Through MAE Group LLC		Signed 08.11.2020	24,123		-
Pass-Through University of Massachusetts, Amherst		21-016090 A 00	1,835		-
Pass-Through University of North Carolina at Chapel H		5119057	17,718		-
Total ALN 93.393 Cancer Cause and Prevention Research			3,951,709		551,405
Cancer Detection and Diagnosis Research	93.394				
Pass-Through Children's Hosp/Philadelphia		9700051021	4,233		-
Pass-Through George Washington University		18M75	35,337		-
Pass-Through Georgetown University		413947_GR411508-UMB	15,563		-
Pass-Through Georgetown University		424334_GR411508-UMB	34,016		-
Pass-Through Mass General Brigham Incorporated		117717	52,413		-
Pass-Through Mount Sinai Medical Center		0255-E428-4609	11,134		-
Pass-Through University of Pennsylvania		567680	61		-
Pass-Through University of Pennsylvania		574125	93,308		-
Pass-Through University of Southern California		99273179	13,371		-
Total ALN 93.394 Cancer Detection and Diagnosis Research			3,327,882		-
Cancer Treatment Research	93.395				
Pass-Through Children's Hosp/Philadelphia		CHOP	5,560		-
Pass-Through IGI Technologies Inc.		6	3,327		-
Pass-Through Johns Hopkins Univ. SOM		2004660781	18,391		-
Pass-Through Johns Hopkins Univ. SOM		2004724719	46,199		-
Pass-Through University of North Texas Health Science		RF00021-2017-0317	97,233		-
Pass-Through University of North Carolina at Chapel H		5118735	9,777		-
Pass-Through University of Pittsburgh		AWD00002317(134513-2)	17,899		-
Total ALN 93.395 Cancer Treatment Research			3,686,795		814,553
Cancer Biology Research	93.396				
Pass-Through Glycomantra, Inc		1R43CA228813-01A1	5,060		-
Pass-Through Glycomantra, Inc		1R43DK125126-01	92,374		-
Pass-Through Johns Hopkins Univ. SOM		2005028435	20,555		-
Pass-Through Johns Hopkins University		2004533128	22,939		-
Pass-Through Massachusetts Institute of Technology		S4483	23,485		-
Total ALN 93.396 Cancer Biology Research			1,354,201		34,701
Cancer Centers Support Grants	93.397				
Pass-Through Washington University		WU-20-300	16,109		-
Total ALN 93.397 Cancer Centers Support Grants			4,432,121		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Cancer Research Manpower	93.398		\$ 768,898		\$ -
COVID-19 ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433				
Pass-Through University of Illinois at Chicago		Subaward #: 18199	15,933		-
ACL National Institute on Disability, Independent Living, and Rehabilitation Research			2,095,147		275,659
Pass-Through TransCen Inc.		90DP00890100	124,259		-
Total ALN 93.433 ACL National Institute on Disability, Independent Living, and Rehabilitation Research			2,235,339		275,659
Every Student Succeeds Act/Preschool Development Grants	93.434				
Pass-Through Pact		210340	26,956		-
Total ALN 93.434 Every Student Succeeds Act/Preschool Development Grants			26,956		-
Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-	93.435				
Pass-Through Prince Georges Co. Health Dpt		NU58DP006626-01-00	384,021		-
Pass-Through Prince Georges County		4100004964	17,121		-
Total ALN 93.435 Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-			401,142		-
CDC Undergraduate Public Health Scholars Program (CUPS): A Public Health Experience to Expose Undergraduates Interested in Minority Health to Public Health and the Public	93.456				
Pass-Through Kennedy Krieger Institute		1131960920005B	27,752		-
Total ALN 93.456 CDC Undergraduate Public Health Scholars Program (CUPS): A Public Health Experience to Expose Undergraduates Interested in Minority			27,752		-
Pregnancy Assistance Fund Program	93.500				
Pass-Through Baltimore City Health Dept.		CO# 39439	5,907		-
Total ALN 93.500 Pregnancy Assistance Fund Program			5,907		-
MaryLee Allen Promoting Safe and Stable Families Program	93.556		1,862,203		1,162,279
Head Start	93.600		15,473		-
Developmental Disabilities Projects of National Significance	93.631				
Pass-Through Info and Tech Center		ACL247280	1,483		-
Total ALN 93.631 Developmental Disabilities Projects of National Significance			1,483		-
Social Services Research and Demonstration	93.647				
Pass-Through Child Trends		1602	73,437		-
Total ALN 93.647 Social Services Research and Demonstration			73,437		-
Child Welfare Research Training or Demonstration	93.648		278,686		98,664
Adoption Opportunities	93.652				
Pass-Through CASE, Center for Adoption Support & Educ		Signed 9/26/18	99,921		-
Total ALN 93.652 Adoption Opportunities			99,921		-
Child Abuse and Neglect Discretionary Activities	93.670		567,512		94,782
Ending the HIV Epidemic: A Plan for America — Ryan White HIV/AIDS Program Parts A and B	93.686				
Pass-Through Baltimore City Health Dept.		CO#39684	52,333		-
Total ALN 93.686 Ending the HIV Epidemic: A Plan for America — Ryan White HIV/AIDS Program Parts A and B			52,333		-
Mental and Behavioral Health Education and Training Grants	93.732		1,065,285		25,292
Opioid STR	93.788		1,027,953		-
Planning Grant for Healthcare and Public Health Sector Cybersecurity Information Sharing	93.835				
Pass-Through Duke Clinical Research Institute		2UM1AI104681-09 (A03-4284)	29,814		-
Total ALN 93.835 Planning Grant for Healthcare and Public Health Sector Cybersecurity Information Sharing			29,814		-
Cardiovascular Diseases Research	93.837		12,751,511		1,612,423
Pass-Through Case Western Reserve Univ		RES511860	137,623		-
Pass-Through Columbia University		1(GG011673-03)	98,831		-
Pass-Through Duke University		A032229	141,506		-
Pass-Through Emory University		A326193	79,611		-
Pass-Through Fred Hutchinson Cancer Res Ctr		1023336	47,952		-
Pass-Through George Washington University		18M20	45,006		-
Pass-Through George Washington University		19-S04	22,607		-
Pass-Through George Washington University		19M62	79,019		-
Pass-Through Inova Health Care Services		20073721	12,776		-
Pass-Through Johns Hopkins Univ. SOM		2004514688	5,300		-
Pass-Through Johns Hopkins Univ. SOM		2004750309	11,906		-
Pass-Through Johns Hopkins University - SOM		2003451224	40,807		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
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YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Cardiovascular Diseases Research (continued)	93.837				
Pass-Through Johns Hopkins University - SOM		2003783866	\$ 38,517		\$ -
Pass-Through Mayo Clinic, Rochester		UMB-203880	15,235		-
Pass-Through NATIONAL MARROW DONOR PROGRAM		Protocol # 1102	4,774		-
Pass-Through Sonavex Inc.		Signed 7/9/19	3,474		-
Pass-Through The Ohio State University Research Found		60071064	6,067		-
Pass-Through The Ohio State University Research Found		60077268	1,014		-
Pass-Through The Ohio State University Research Found		GR122281	88,049		-
Pass-Through University of Chicago		AWD066325-02-PR (SUB00000046)	13,063		-
Pass-Through University of Chicago		SUB00000252	225,417		-
Pass-Through University of Florida		sub00002328	5,682		-
Pass-Through University of Pittsburgh		AWD00000797 (133081-1)	735		-
Total ALN 93.837 Cardiovascular Diseases Research			13,876,482		1,612,423
COVID-19 Lung Diseases Research	83.838				
Pass-Through University of Pittsburgh		AWD00000797 (134619-1)	139,114		-
Lung Diseases Research			4,061,448		957
Pass-Through Harvard University		168019-5116856	33,660		-
Total ALN 93.838 Lung Diseases Research			4,234,222		957
Blood Diseases and Resources Research	93.839		2,923,271		17,369
Pass-Through Institute of Human Virology, Nigeria		U54HL141011	1,283		-
Pass-Through Johns Hopkins Univ. SOM		2004874461	24,809		-
Pass-Through KaloCyte, Inc.		5R42HL135965-03	217,712		-
Pass-Through LEHIGH UNIVERSITY		543523-78001	113,281		-
Total ALN 93.839 Blood Diseases and Resources Research			3,280,356		17,369
Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840				
Pass-Through Johns Hopkins University		2004885435	4,122		-
Total ALN 93.840 Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders			4,122		-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		5,675,169		54,086
Pass-Through Boston College		5108941-1	91,827		-
Pass-Through Children's Hosp/Philadelphia		27007-3209440821	5,185		-
Pass-Through Johns Hopkins Univ. SOM		2003177746	44,335		-
Pass-Through Johns Hopkins Univ. SOM		2004479987	86,497		-
Pass-Through Johns Hopkins Univ. SOM		2004638871	22,777		-
Pass-Through Johns Hopkins Univ. SOM		2004918522	22,487		-
Pass-Through University of Connecticut Health Center		UCHC7-100765695-A3	26,612		-
Total ALN 93.846 Arthritis, Musculoskeletal and Skin Diseases Research			5,974,889		54,086
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		10,329,813		584,579
Pass-Through Ann & Robert Lurie Children's Hospital of		A19-0185-5002-Maryland	11,958		-
Pass-Through Augusta University Research Institute		35235-5	60,306		-
Pass-Through Boston Children's Hospital		GENFD0001826422	120,641		-
Pass-Through Broad Institute Inc.		5000472-5500001055	474,245		-
Pass-Through Case Western Reserve Univ		114812-01/3500-07249	373		-
Pass-Through Case Western Reserve Univ		RES514460	194		-
Pass-Through Case Western Reserve Univ		RES515416	120,998		-
Pass-Through Columbia University		1GG01508403	17,849		-
Pass-Through Georgia State University		SP00013379-01	30,473		-
Pass-Through JHU School of Hygiene/Pub Hlth		2004033321	12,307		-
Pass-Through Johns Hopkins Univ. SOM		200403321	218,171		-
Pass-Through Johns Hopkins University - SOM		2004514688	169,512		-
Pass-Through University of California		11744sc	37,992		-
Pass-Through University of Chicago		FP068366-01G	4,432		-
Pass-Through University of Chicago		FP068366-01G (5302818601-4)	206,445		-
Pass-Through University of Illinois at Chicago		17638	35,818		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Diabetes, Digestive, and Kidney Diseases Extramural Research (continued)	93.847				
Pass-Through University of Michigan-Ann Arbor		3004195230	\$ 39,031		\$ -
Pass-Through University of Pennsylvania		574566	315,919		20,000
Pass-Through University of Virginia		GB10708	262,549		-
Total ALN 93.847 Diabetes, Digestive, and Kidney Diseases Extramural Research			12,469,026		604,579
Kidney Diseases, Urology and Hematology Research	93.849				
Pass-Through Hennepin Healthcare Research Institute		ATOLD	3,813		-
Total ALN 93.849 Kidney Diseases, Urology and Hematology Research			3,813		-
COVID-19 Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		71,064		-
Extramural Research Programs in the Neurosciences and Neurological Disorders			18,535,758		1,401,959
Pass-Through Children's National Medical Center		30006196-01	25,671		-
Pass-Through Cleveland Clinic Lerner College of Medicine of CWRU		1481-SUB	42,173		-
Pass-Through Columbia University		1(GG012011-04)	40,089		-
Pass-Through Columbia University		4(GG012194-01)	122		-
Pass-Through Columbia University		GG015295-01 (19-3787)	65,995		-
Pass-Through Johns Hopkins Univ. SOM		2004209344	18,929		-
Pass-Through Johns Hopkins Univ. SOM		2004490064	81,562		-
Pass-Through Johns Hopkins University - SOM		2004239465	21,311		-
Pass-Through MAYO Clinic Jacksonville		UNI-187276-07	259,104		-
Pass-Through MAYO Clinic Jacksonville		UNI-263585-01	41,908		-
Pass-Through Massachusetts General Hospital		226025	90,321		-
Pass-Through NextStep Robotics		NSRSsub-111076-01	7,700		-
Pass-Through Temple University - Main Campus		SIREN_100CSPR #001	566		-
Pass-Through University of California, Davis		A19-1044-S002	82,635		-
Pass-Through University of Chicago		FP06221401PRB	35,410		-
Pass-Through University of Chicago		FP06221402PRB	103,131		-
Pass-Through University of Chicago		FP06221401PRA	636,926		-
Pass-Through University of Cincinnati		010333-009	4,017		-
Pass-Through University of Cincinnati		011078-014	88,429		-
Pass-Through University of Cincinnati		011337-136493	15,925		-
Pass-Through University of Cincinnati		013382-00002	8,991		-
Pass-Through University of Massachusetts Amherst		19010728D00	67,801		-
Pass-Through University of North Carolina at Chapel H		5116797	80,791		-
Pass-Through University of North Carolina at Chapel H		5118021	73,711		-
Pass-Through University of Wisconsin		831K795	9,188		-
Pass-Through Yale University		GR107538 (CON-80001928)	38,244		-
Total ALN 93.853 Extramural Research Programs in the Neurosciences and Neurological Disorders			20,547,472		1,401,959
COVID-19 Allergy and Infectious Diseases Research	93.855		8,798,750		-
Pass-Through Emory University		A309780	104,176		-
Pass-Through Johns Hopkins Univ. SOM		2004635897	27,418		-
Pass-Through Mount Sinai		0258-A407-4609	67,109		-
Pass-Through Sigmovir Biosystems Inc		signed6262020	37,210		-
Allergy and Infectious Diseases Research			49,246,094		7,779,888
Pass-Through Albany Medical College		515476-UMB	120,053		-
Pass-Through Benaroya Research Institute		UM1AI109565	53,557		-
Pass-Through Beth Israel Deaconess Medical Center		1062674	8,516		-
Pass-Through Beth Israel Deaconess Medical Center		5P01A131365-02	1,388		-
Pass-Through Biolncept LLC		80010782_235965	31,441		-
Pass-Through Centro Internacional de Entrenamiento e Inves		117	99,736		-
Pass-Through Columbia University		1(GG012736-02)	36,690		-
Pass-Through Duke Clinical Research Institute		A032988	17,041		-
Pass-Through Duke University		A031388	520,641		-
Pass-Through Duke University		A034123	208,695		-
Pass-Through Duke University		U19AI129386	15,892		-
Pass-Through Emory University		A263430	68,473		-
Pass-Through Emory University		A289717	11,857		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Allergy and Infectious Diseases Research (continued)	93.855				
Pass-Through Emory University		A321609	\$ 61,812		\$ -
Pass-Through Emory University		A430721	96,708		-
Pass-Through FHI 360		PO19002157	47,598		-
Pass-Through FZata, Inc		Signed 10/27/2020	26,835		-
Pass-Through Fred Hutchinson Cancer Research Center		1060385	88,210		-
Pass-Through Fred Hutchinson Cancer Research Center		956620	3,788		-
Pass-Through Geneva Foundation		S-11143-01	12,831		-
Pass-Through Harvard University		123842	417,044		-
Pass-Through Henry M. Jackson Foundation		3475	39,106		-
Pass-Through Henry M. Jackson Foundation		4923	30,614		-
Pass-Through Humanetics Corporation		52525	664,052		-
Pass-Through Icahn School of Medicine at Mount Sinai		0255E3834609	22,277		-
Pass-Through Integrated Bio Therapeutics		1R01AI126587-03A1	47,133		-
Pass-Through Integrated Bio Therapeutics		R41AI147929	12,734		-
Pass-Through Integrated BioTherapeutics		R43ANTHRAX	109,552		-
Pass-Through Integrated BioTherapeutics		RO1126587UMD01	149,784		-
Pass-Through JHU School of Hygiene/Pub Hlth		2004180213	20,562		-
Pass-Through Johns Hopkins Health System Corporati		20072026	14,372		-
Pass-Through Johns Hopkins Univ. SOM		2003443759	132,936		-
Pass-Through Johns Hopkins Univ. SOM		2004199640	1,342		-
Pass-Through Johns Hopkins Univ. SOM		2004952905	22,896		-
Pass-Through Johns Hopkins University - SOM		2003673194	933		-
Pass-Through Johns Hopkins University - SOM		2003948668	9,492		-
Pass-Through Johns Hopkins University - SOM		2004318377	21,926		-
Pass-Through KinaRx, LLC		73136-20218201	58,607		-
Pass-Through Michigan State University		RC106925A	425,938		-
Pass-Through Michigan State University		RC106925UMSUPP	12,852		-
Pass-Through Michigan State University		RC107329UMAR	41,122		-
Pass-Through Michigan State University		RC110323UMB	94,555		-
Pass-Through Michigan State University		RC110792MARYLAND	132,401		-
Pass-Through Mount Sinai		0255-A651-4609	85,347		-
Pass-Through New York University		19-A1-00-1002528	38,380		-
Pass-Through New York University		F0504-04	35,866		-
Pass-Through Ohio State University		60064515	78,865		-
Pass-Through Research Institute at Nationwide Children's Hospital		Subaward 700176-0821-00	106,855		-
Pass-Through Rutgers, the State University of New Jersey		Subaward 1602	109,062		-
Pass-Through Sanaria Incorporated		20041855	832		-
Pass-Through Sanaria Incorporated		2853100001	85,152		-
Pass-Through The University of Texas Health Science Center		0010646A	12,281		-
Pass-Through University of New York @ Buffalo		R1193050	92,508		-
Pass-Through University of Alabama at Birmingham		000514989-SP005-001	180,079		-
Pass-Through University of Alabama at Birmingham		000522323-SC001	113,736		-
Pass-Through University of Alabama at Birmingham		000523949-SC001	136,408		-
Pass-Through University of Alabama at Birmingham		000525803-SP001-SC001-Moh	781,288		-
Pass-Through University of California		9256SC	40,335		-
Pass-Through University of California, Davis		A19-2930-S001	21,537		-
Pass-Through University of Chicago		AWD100765	256,970		-
Pass-Through University of Massachusetts Medical School		OSP3129200	43,998		-
Pass-Through University of Michigan - Ann Arbor		SUBK00006140	37,567		-
Pass-Through University of Minnesota		H0006587401	157,077		-
Pass-Through University of Notre Dame		203504UMB	61,530		-
Pass-Through University of Pennsylvania		579185	18,658		-
Pass-Through University of Pittsburgh		AWD00002200 (134324-2)	85,577		-
Pass-Through University of Pittsburgh		CNVA00062471	216,932		-
Pass-Through University of Tennessee Health Science		21-0070-UMB	10,901		-
Pass-Through University of Tennessee Health Science		21-3765	5,692		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Allergy and Infectious Diseases Research (continued)	93.855				
Pass-Through University of Utah		1R01AI135114-01A1/10048013-01	\$ 62,385		\$ -
Pass-Through University of Virginia		GB10560.PO#2247296	6,000		-
Pass-Through Washington University		WU-21-17	574,180		-
Pass-Through West Virginia University Research Corp		18-543-UMB	174,663		-
Total ALN 93.855 Allergy and Infectious Diseases Research			65,925,410		7,779,888
Microbiology and Infectious Diseases Research	93.856		427,517		-
Pass-Through Pennsylvania State University		5641-UMB-DHHS-4425	31,698		-
Total ALN 93.856 Microbiology and Infectious Diseases Research			459,215		-
Biomedical Research and Research Training	93.859		22,947,832		644,170
Pass-Through Amherst College		300029UMD	7,855		-
Pass-Through Arizona State University		NO:17-019	34,528		-
Pass-Through George Washington University		16S15	7,292		-
Pass-Through Indiana University		IN-4684748-UM	3,113		-
Pass-Through Johns Hopkins University		K12GM123914	26,324		-
Pass-Through Massachusetts Institute of Technology		110822	196,078		-
Pass-Through Mayo Clinic, Rochester		UMD-248321-03	87,279		-
Pass-Through SeeTrue Technology		R43-0319	9,894		-
Pass-Through The Ohio State University Research Found		Subawrd No. 60067256	173,179		-
Pass-Through The Scripps Research Institute		5-53670	56,515		-
Pass-Through University of Cincinnati		11131	140,460		-
Pass-Through University of Michigan		3004754357 PO3006158620	117,979		-
Pass-Through University of Michigan		3004764254 PO 3006154674	61,661		-
Pass-Through University of Michigan		3005149330	212,339		-
Pass-Through University of Michigan		3005671926	94,556		-
Pass-Through University of Michigan		3005672369	19,364		-
Pass-Through University of Michigan		SUBK00010313	8,669		-
Total ALN 93.859 Biomedical Research and Research Training			24,204,917		644,170
COVID-19 Child Health and Human Development Extramural Research	93.865		52,877		-
Child Health and Human Development Extramural Research			13,525,105		3,169,305
Pass-Through Children's Research Institute		30003368	81,613		-
Pass-Through Georgetown University		412428_GR412396-UMB	146,096		-
Pass-Through Georgetown University		424043_GR413892-UMB	24,568		-
Pass-Through Institute of Human Virology, Nigeria		Signed 12.11.2020	33,693		-
Pass-Through Johns Hopkins Univ. SOM		2003304847	15,081		-
Pass-Through Johns Hopkins University School of Nursi		2003099855	4,454		-
Pass-Through MacroGenics, Inc.		Signed 6/2/20	41,455		-
Pass-Through Pennsylvania State University		S000170DHHS	76,895		-
Pass-Through Temple University of The Commonwealth System of Higher Ed		266827-UMB	6,589		-
Pass-Through University of California Irvine		20153234	98,271		-
Pass-Through University of California Irvine		20173507	29,480		-
Pass-Through University of California Irvine		20201395	2,965		-
Pass-Through University of California, Davis		A20-0658-S001	25,621		-
Pass-Through University of Houston		R190001	140,825		-
Pass-Through University of Illinois at Chicago		18157	15,358		-
Pass-Through University of Pennsylvania		579496	22,359		-
Pass-Through University of South Carolina		193838	21,704		-
Pass-Through University of South Florida		6201-1196-00-A	45,240		-
Pass-Through Washington University		WU-19-338-MOD-1	11,430		-
Pass-Through Washington University		WU-19-338-MOD-2	35,146		-
Total ALN 93.865 Child Health and Human Development Extramural Research			14,456,825		3,169,305
COVID-19 Aging Research	93.866		1,886,565		-
Pass-Through Mass General Brigham Incorporated		123975	64,190		-
Pass-Through Northern California Institute for Research and Education		STE2196-04	32,264		-
Pass-Through University of Massachusetts, Amherst		OSP27336-S1	222,437		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Aging Research	93.866		\$ 12,533,394		\$ 1,509,111
Pass-Through Cleveland Clinic Lerner College of Medicine		Unknown	50,841		-
Pass-Through Indiana University		8546	76,588		-
Pass-Through Johns Hopkins Univ. SOM		2004469844	57,816		-
Pass-Through Johns Hopkins Univ. SOM		2004835025	19,348		-
Pass-Through Johns Hopkins Univ. SOM		200488026	44,743		-
Pass-Through Johns Hopkins Univ. SOM		2004951349	15,509		-
Pass-Through Johns Hopkins University		2004166191	127,041		-
Pass-Through Montclair State University		1R01AG067836-UMB	113,628		-
Pass-Through University of California		STE2196-04	2,722		-
Pass-Through University of California		10479SC	87,196		-
Pass-Through University of Kansas Center for Research		FY2019-088	23,585		-
Pass-Through University of Massachusetts Medical Scho		osp2018112	42,121		-
Pass-Through University of Michigan		SUBK00010029	25,407		-
Pass-Through University of Pittsburgh		AWD0001055 (134265-3)	6,330		-
Pass-Through Wake Forest Baptist Medical Center		101720-114751	46,249		-
Pass-Through Washington University		WU-19-49	3,038		2,411
Pass-Through Washington University		WU-19-49-MOD-1	42,716		41,330
Pass-Through Washington University		WU-20-483	125,961		-
Pass-Through Washington University School of Medicine		WU-19-49-MOD-3	83,866		-
Total ALN 93.866 Aging Research			15,733,555		1,552,852
Vision Research	93.867		3,347,958		535,503
Pass-Through Brigham and Women's Hospital		119243	36,394		-
Pass-Through Duke University		A032131	26,157		-
Pass-Through Johns Hopkins University		2003370123	125,731		-
Pass-Through New York Univ/Medical Center		16-A0-00-005168-01	14,326		-
Pass-Through The University of Texas Dallas		1806464	3,839		-
Pass-Through University of Houston		R210001	163,406		-
Pass-Through University of North Carolina at Chapel H		SU-470419	14,314		-
Pass-Through Vasoptic Medical Inc.		R43EY030798-S1901	37,121		-
Pass-Through Yale University		GR104901CON80001550	97,660		-
Pass-Through Yale University		GR107487CON80001910	66,238		-
Total ALN 93.867 Vision Research			3,933,144		535,503
Medical Library Assistance	93.879		2,934,588		863,995
Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement	93.912				
Pass-Through Eastern Shore Area Health Education Center		21063033	2,077		-
Total ALN 93.912 Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement			2,077		-
COVID-19 HIV Emergency Relief Project Grants	93.914				
Pass-Through Associated Black Charities		20-2465 COVID-19 FUNDING	8,529		-
HIV Emergency Relief Project Grants					
Pass-Through Associated Black Charities		19-2465	7		-
Pass-Through Associated Black Charities		19-2618-Part A	61		-
Pass-Through Associated Black Charities		19-2619-007	5,682		-
Pass-Through Associated Black Charities		19-2619-Part A	20,629		-
Pass-Through Associated Black Charities		20-2465-01A	68,127		-
Pass-Through Associated Black Charities		20-2465-01E	20,275		-
Pass-Through Associated Black Charities		20-2465-MC2	140,048		-
Pass-Through Associated Black Charities		20-2465-NO1	95,145		-
Pass-Through Associated Black Charities		20-2467-019	32,666		-
Pass-Through Associated Black Charities		20-2467-01A	56,861		-
Pass-Through Associated Black Charities		20-2467-03F	58,378		-
Pass-Through Associated Black Charities		20-2467-MC2	60,455		-
Pass-Through Associated Black Charities		21 ? Part A and MAI	190,306		-
Pass-Through Associated Black Charities		21-2441	153,004		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Research and Development Cluster (continued)</i>					
U.S. Department of Health and Human Services (continued)					
HIV Emergency Relief Project Grants (continued)	93.914				
Pass-Through Associated Black Charities		H89HA00017-28-00	\$ 8,149		\$ -
Pass-Through New Vision House of Hope, Inc.		H89HA00017-27-00	9,000		-
Total ALN 93.914 HIV Emergency Relief Project Grants			927,322		-
HIV Prevention Activities Health Department Based	93.940				
Pass-Through Baltimore City Health Dept.		CO# 39130	4,213		-
Pass-Through Baltimore City Health Dept.		CO#39580	199,812		-
Pass-Through Baltimore City Health Dept.		CO#39583	138,987		-
Pass-Through Baltimore City Health Dept.		CO#39863	69,405		-
Pass-Through District of Columbia Department of Health		19C27420D274	15,199		-
Total ALN 93.940 HIV Prevention Activities Health Department Based			427,616		-
PPHF Geriatric Education Centers	93.969				
Pass-Through Johns Hopkins Univ. SOM		2004416653	38,353		-
Total ALN 93.969 PPHF Geriatric Education Centers			38,353		-
Medicare Access and CHIP Reauthorization Act (MACRA) Funding Opportunity: Measure Development for the Quality Payment Program	93.986				
Pass-Through Univ. of California, San Francisco		11652sc	36,127		-
Total ALN 93.986 Medicare Access and CHIP Reauthorization Act (MACRA) Funding Opportunity: Measure Development for the Quality Payment Program			36,127		-
International Research and Research Training	93.989		1,465,120		268,770
Intergovernmental Personnel Act	93.IPA		89,425		-
Pass-Through Institute of Human Virology, Nigeria		AFBRECANE FY21	23,820		-
Total ALN 93.IPA Intergovernmental Personnel Act			113,245		-
COVID-19 Research and Development - U.S. Department of Health and Human Services	93.RD		1,821,887		20,195
Pass-Through Vysnova Partners, Inc.		SC-75D30120C08405	464,777		-
Pass Through Johns Hopkins University		Unknown	61,292		-
Pass-Through Battelle Memorial Institute		BN20-0005 10/08/2020	421,096		145,205
Pass-Through Boston Children's Hospital		GENFD0001998517	4,409		-
Pass-Through Johns Hopkins Univ. SOM		2004958259	6,704		-
Research and Development - U.S. Department of Health and Human Services					
Pass-Through Cornell University		184201	8,903		-
Pass-Through Duke University		A033170	35,596		-
Pass-Through Duke University		A033174	91,524		-
Pass-Through FHI 360		PO21001555	33,349		-
Pass-Through Fedpoint Systems		21105398	75,000		-
Pass-Through Icahn School of Medicine at Mount Sinai		25806624609	206,398		-
Pass-Through Icahn School of Medicine at Mount Sinai		25806864609	536,282		-
Pass-Through Inter-American Institute for Cooperation on Agricu		20126731	84,088		-
Pass-Through Oak Ridge Institute For Science And Education		16113318	11,483		-
Pass-Through Southwest Research Institute		N99006VE2	134,316		-
Pass-Through The Danya Institute Inc.		21020840	13,684		-
Pass-Through University of Kentucky Research Foundation		321000180619216	8,751		-
Pass-Through BIOLOGICAL MIMETICS INC		19123548_45716	446		-
Pass-Through Battelle Memorial Institute		768163	59,033		-
Pass-Through CARROLL COUNTY HEALTH DEPARTMENT		02-F-17/18	174,141		-
Pass-Through Center for Social Innovation		4R44MH11283-02	26,770		-
Pass-Through Center for Social Innovation		Signed 04.30.2019	9,651		-
Pass-Through Center for Social Innovation		Signed 6/9/20	55,858		-
Pass-Through Columbia University		1 (GG011608-01)	173,011		-
Pass-Through Geneva Foundation		V12VAXHFRS-03/V00479	83,549		-
Pass-Through Innovation Pathways LLC		Signed 10.29.2020	26,183		-
Pass-Through Johns Hopkins Univ. SOM		2004548643	280,377		-
Pass-Through Rutgers, the State University of New Jersey		1371579	33,332		-
Pass-Through SRI INTERNATIONAL		43558	1,447,509		-
Pass-Through The Danya Institute, Inc.		Signed 04.21.21	2,357		-
Pass-Through University of Alabama at Birmingham		000508172-SP006-008	15,794		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Research and Development Cluster (continued)					
U.S. Department of Health and Human Services (continued)					
Research and Development - U.S. Department of Health and Human Services (continued)					
Pass-Through University of Texas at San Antonio	93.RD	100001529	\$ 47,348		\$ -
Pass-Through Washington University		WU-20-342-MOD-1	8,667		-
Pass-Through Wyle Integrated Science & Engineering Gr		BAAAFRLRQKHC201620 09	154,105		-
Total ALN 93.RD Research and Development - U.S. Department of Health and Human Services			<u>6,617,670</u>		<u>165,400</u>
Contract/Other	93.999		21,464,080		1,609,786
Total U.S. Department of Health and Human Services			<u>400,651,575</u>		<u>60,731,298</u>
Executive Office of the President					
Research and Data Analysis	95.007		3,128,102		2,408,894
Total Executive Office of the President			<u>3,128,102</u>		<u>2,408,894</u>
Social Security Administration					
Social Security - Work Incentives Planning and Assistance Program	96.008		23,445		-
Intergovernmental Personnel Act	96.IPA		7,690		-
Total Social Security Administration			<u>31,135</u>		<u>-</u>
U.S. Department of Homeland Security					
Centers for Homeland Security	97.061		288,815		175,108
Pass-Through University of Alaska Anchorage		P0530573	15,390		-
Pass-Through University of Houston		R200038	181,269		-
Total ALN 97.061 Centers for Homeland Security			<u>485,474</u>		<u>175,108</u>
Homeland Security Grant Program	97.067				
Pass-Through Arlington County Fire Department		271419	12,822		-
Pass-Through Government of the District of Columbia Homela		19UASI19001	205,500		-
Pass-Through Government of the District of Columbia Homela		20UASI19001	208,114		-
Total ALN 97.067 Homeland Security Grant Program			<u>426,436</u>		<u>-</u>
Research and Development - U.S. Department of Homeland Security	97.RD		2,644,513		171,007
Pass-Through Oak Ridge Institute for Science		DE-SC0014664	13,731		-
Total ALN 97.RD Research and Development - U.S. Department of Homeland Security			<u>2,658,244</u>		<u>171,007</u>
Total U.S. Department of Homeland Security			<u>3,570,154</u>		<u>346,115</u>
U.S. Agency for International Development					
USAID Foreign Assistance for Programs Overseas	98.001				
Pass-Through Kansas State University		A200163S017	29,330		-
Pass-Through The National Academies - National Academy of		20000010805	17,589		-
Pass-Through University of California, Santa Barbara		2002809UCSB	4,145		-
Total ALN 98.001 USAID Foreign Assistance for Programs Overseas			<u>51,064</u>		<u>-</u>
Contract/Other	98.999				
Pass-Through Management Systems International		6143-01-20-003 CPFF	93,453		-
Total ALN 98.999 Contract/Other			<u>93,453</u>		<u>-</u>
Total U.S. Agency for International Development			<u>144,517</u>		<u>-</u>
Total Research and Development Cluster				\$ 1,303,914,841	
Total Expenditures of Federal Awards			<u>\$ 29,369,193,379</u>		<u>\$ 1,984,088,042</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards

STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2021

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The State of Maryland (the State) includes expenditures in its Schedule of Expenditures of Federal Awards (the Schedule or SEFA) for all federal programs administered by the funds, agencies, boards and commissions, including component units, included in the State's reporting entity used for its basic financial statements, including the component unit higher education funds—the University System of Maryland, the Baltimore City Community College, Morgan State University, and St. Mary's College of Maryland. However, the Schedule of Expenditures of Federal Awards excludes the Maryland Water Quality Financing Administration and Maryland Transportation Authority. A separate single audit was conducted for these entities.

NOTE 2 BASIS OF ACCOUNTING

The accompanying SEFA has been presented on the accrual basis of accounting. Expenditures are recorded, accordingly, when incurred rather than when paid.

Expenditures reported on the SEFA are recognized following the cost principals contained in 2 CFR Part 200, *Uniform Administrative Requirements, Cost Principals, and Audit Requirements for Federal Awards* (Uniform Guidance) except for the expenditures for the Coronavirus Relief Fund (CRF) (CFDA 21.019). CRF expenditures are based on criteria determined by the U.S. Department of Treasury (the Treasury). The Treasury identified allowable cost and activities requirements and identified costs and activities that were unallowed or not eligible for partial or full reimbursement.

Indirect costs

The State has elected not to use the 10% de minimis indirect cost rate allowed under the Uniform Guidance.

NOTE 3 CATEGORIZATION OF EXPENDITURES

The accompanying Schedule of Expenditures of Federal Awards reflects Federal expenditures for all individual grants that were active during the year. The categorization of expenditures by programs included in the accompanying SEFA is based on Assistance Listings as maintained in the System for Award Management (SAM). In accordance with the State's policy, the accompanying SEFA for the year ended June 30, 2021 reflects Assistance Listing changes published in SAM through June 30, 2021.

Certain programs presented in the accompanying Schedule that have not been assigned an Assistance Listing number are reported by the respective federal agency and titled "999." Programs related to the Intergovernmental Personnel Act are labeled "IPA" and Research and Development programs that have not been assigned an Assistance Listing number are labeled "RD."

**STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2021**

NOTE 4 NONMONETARY FEDERAL FINANCIAL ASSISTANCE

The State is the recipient of federal programs that do not result in cash receipts or disbursements. Nonmonetary awards included in the Schedule are as follows:

Program Name	Assistance Listing	Amount
Pandemic EBT - Food Benefits	10.542	\$ 408,276,130
Supplemental Nutrition Assistance Program	10.551	1,959,944,989
Emergency Food Assistance Program (Food Commodities)	10.569	12,777,976
Donation of Federal Surplus Personal Property	39.003	2,812,530
COVID-19 - Immunization Cooperative Agreements	93.268	33,445,499
Immunization Cooperative Agreements	93.268	4,956,065
Total		<u>\$ 2,422,213,189</u>

NOTE 5 UNEMPLOYMENT INSURANCE

In accordance with the Department of Labor, Office of Inspector General instructions, the State recorded State Regular Unemployment Compensation (UC) benefits under Assistance Listing 17.225 on the accompanying Schedule. The individual state and federal portions are as follows:

State Regular UC Benefits	\$ 1,063,619,122
Federal UC Benefits	43,979,853
Federal UC Benefits - COVID-19	7,105,400,284
Federal UC Administrative Costs	148,105,319
Total Benefits	<u>\$ 8,361,104,578</u>

NOTE 6 FEDERAL MORTGAGE PLANS

The State operates several programs that purchase federally guaranteed loans, primarily mortgages, from the originators. As the State has no responsibility for determining eligibility or compliance, these guarantees are not considered federal financial assistance for purposes of the single audit.

NOTE 7 LOAN PROGRAMS

The outstanding loan balances as of June 30, 2020, and loan expenditures for the year ended June 30, 2021, are considered current-year federal expenditures. These amounts are reported on the Schedule of Expenditures of Federal Awards.

University System of Maryland

The University System of Maryland (the System) administers loans under the Economic Adjustment Assistance Program (Assistance Listing 11.307). Under this program, the System uses revolving loan funds to enhance economic activity.

**STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2021**

NOTE 7 LOAN PROGRAMS (CONTINUED)

The Revolving Loan Fund (RLF) assists business development and expansion. Below is the detail to support the calculation of Total Federal Awards Expended as included in the SEFA:

Economic Development Administration (EDA) Award Number	014903420- 01490342001	014903271	011903134
1. Balance of RLF loans outstanding at the end of the fiscal year, <i>plus</i>	\$ 2,886,408	\$ 142,732	\$ 995,574
2. Cash and investment balance in the RLF at the end of the fiscal year, <i>plus</i>	1,781,607	2,184,713	-
3. Administrative expenses paid out of RLF income during the fiscal year, <i>plus</i>	-	-	-
4. The unpaid principal of all loans written off during the fiscal year, and then <i>multiply</i> this sum (1+2+3+4) by	4,668,015	2,327,445	(995,574)
5. The federal share of the RLF	75.0000%	75.0000%	57.2097%
6. Total Federal Awards Expended	<u>\$ 3,501,011</u>	<u>\$ 1,745,584</u>	<u>\$ -</u>

The System administers the following Federal Student Financial Assistance Programs:

Assistance Listing	Outstanding Balance as of June 30, 2021
84.038 Perkins Loan Programs	\$ 25,505,837
93.264 Nurse Faculty Loan Program	12,000
93.364 Nurse Student Loan Program	338,974
93.342 Health Professions Students, Including Primary Care Loans/Loans for Disadvantaged Students	7,338,804
Total	<u>\$ 33,195,615</u>

St. Mary's College of Maryland

The College administers the Federal Perkins Loan Program – Federal Capital Contributions (Assistance Listing 84.038). The College received no Federal funds under the Program for the fiscal year ended June 30, 2020. The outstanding loan balance of \$115,227 as of June 30, 2020, and the outstanding loan balance of \$107,539 for the fiscal year ended June 30, 2021 are not considered current year Federal expenditures. The College did not issue new loans during the fiscal year ended June 30, 2021.

During the fiscal year ended June 30, 2021, the College processed the following amount of new loans under the Federal Education Loan Program, which includes the Stafford Loan and PLUS Loan. Since this program is administered by outside financial institutions, new loans made during the fiscal year ended June 30, 2021, relating to this program are considered current-year Federal expenditures, whereas the outstanding loan balances are not. The new loans made during the fiscal year ended June 30, 2021 are reported in the Schedule of Expenditures of Federal Awards.

**STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2021**

NOTE 7 LOAN PROGRAMS (CONTINUED)

Assistance Listing		Loan Expenditures for Fiscal Year Ended 6/30/2021
84.032	Stafford Loan Program	\$ 4,002,141
84.032	Plus Loans	2,096,417
	Total	\$ 6,098,658

Morgan State University

The University administers the Federal Perkins Loan Program – Federal Capital Contributions (Assistance Listing 84.038). The outstanding loan balance of \$3,211,810 as of June 30, 2020, less the Perkins Loan funds returned to the federal government of \$83,983 netting to \$3,127,827 are considered current-year Federal expenditures. These amounts are reported in summary in the Schedule of Expenditures of Federal Awards.

During the fiscal year ended June 30, 2021, the University processed \$48,137,345 in new loans under the Federal Direct Loan Program (Assistance Listing 84.268). Since this program is administered by outside financial institutions, the new loans made in the fiscal year that ended June 30, 2021 relating to this program are considered current-year Federal expenditures, whereas the outstanding loan balances are not. The new loans made in the fiscal year that ended June 30, 2021 are reported in the Schedule of Expenditures of Federal Awards.

NOTE 8 DISASTER GRANTS – PUBLIC ASSISTANCE (ASSISTANCE LISTING 97.036)

After a presidentially declared disaster, the U.S. Federal Emergency Management Agency (FEMA) provides a public assistance grant to reimburse eligible costs associated with repair, replacement, or restoration of disaster-damaged facilities. The federal government reimburses in the form of cost-shared grants.

In fiscal year 2021, FEMA approved approximately \$3,625,572 of eligible expenditures that were incurred in a prior year and are included in the Schedule.

NOTE 9 REBATES FROM THE SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN (WIC)

During fiscal year 2021, the state received cash rebates from infant formula manufacturers in the amount of \$78,666,995 based on the sale of formula to participants in the WIC program (Assistance Listing 10.557), which are netted against total expenditures included in the Schedule. Rebate contracts with infant formula manufacturers are authorized by Code of Federal Regulations, Title 7: Agriculture, Subtitle B, Chapter II, Subchapter A, Part 246.16a as a cost containment measure. Rebates represent a reduction of expenditures previously incurred for WIC food benefit costs. Applying the rebates received to such costs enabled the State to extend program benefits to more participants than could have been serviced this fiscal year in the absence of the rebate contract.

**STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2021**

NOTE 10 DONATED PERSONAL PROTECTIVE EQUIPMENT (PPE) (UNAUDITED)

The State is the recipient of federally donated PPE. The fair market value of the PPE at the time of receipt was \$5,834,042. This amount is not reported on the Schedule.

NOTE 11 CCDF CLUSTER (ASSISTANCE LISTINGS 93.575 AND 93.596)

Expenditures reported in the Schedule for the Child Care Development Fund (CCDF) Cluster include the following funding sources:

CCDBG	\$	141,369,699
CCDF Mandatory and Matching		49,421,210
CCDF Disaster Relief		-
CCDF CARES		-
CCDF CRRSA		-
CCDF ARP Supplemental		-
CCDF ARP Child Stabilization Funds		-
Total	<u>\$</u>	<u>190,790,909</u>

NOTE 12 HOUSING CHOICE VOUCHER PROGRAM (ASSISTANCE LISTING 14.871)

In accordance with reporting requirements established by U.S. Department of Housing and Urban Development Notice PIH 2021-25 (HA), Section 8.k., the Schedule includes \$91,724 in Emergency Housing Vouchers (EHV) funding issued under the American Rescue Plan Act of 2021.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
YEAR ENDED JUNE 30, 2021**

Section I – Summary of Auditors’ Results

Financial Statements

1. Type of auditors’ report issued: Unmodified
2. Internal control over financial reporting:
- Material weakness(es) identified? x yes no
 - Significant deficiency(ies) identified? x yes none reported
3. Noncompliance material to financial statements noted? yes x no

Federal Awards

1. Internal control over major federal programs:
- Material weakness(es) identified? x yes no
 - Significant deficiency(ies) identified? x yes none reported
2. Type of auditors’ report issued on compliance for major federal programs: See Identification of Major Federal Programs Table Below
3. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)? x yes no

Dollar threshold used to distinguish between Type A and Type B programs:

\$ 44,058,774

Auditee qualified as low-risk auditee?

 yes x no

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section I – Summary of Auditors’ Results (Continued)

Identification of Major Federal Programs

Major Program	Assistance Listing	Opinion
Pandemic EBT - Food Benefits	10.542	Unmodified
SNAP Cluster	10.551, 10.561	Unmodified
Unemployment Insurance	17.225	Unmodified
Federal Transit Cluster	20.500, 20.507, 20.525, 20.526	Unmodified
Highway Planning and Construction Cluster	20.205, 20.219, 20.224, 23.003	Unmodified
Coronavirus Relief Fund	21.019	Unmodified
Coronavirus State and Local Fiscal Recovery Funds	21.027	Unmodified
Title I Grants to Local Educational Agencies	84.010	Unmodified
Education Stabilization Fund	84.425	Unmodified
Special Education Cluster (IDEA)	84.027, 84.173	Unmodified
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323	Qualified
1332 State Innovation Waivers	93.423	Unmodified
Low-Income Home Energy Assistance	93.568	Unmodified
Foster Care Title IV-E	93.658	Unmodified
Medicaid Cluster	93.775, 93.777, 93.778	Qualified
Opioid STR	93.788	Unmodified
HIV Care Formula Grants	93.917	Unmodified
Disability Insurance/SSI Cluster	96.001, 96.006	Unmodified
Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036	Unmodified
Presidential Declared Disaster Assistance to Individuals and Households - Other Needs	97.050	Unmodified

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section II – Financial Statement Findings

Finding 2021-001 – Department of Health – Financial Closing and Reporting Process

Type of Finding: Significant Deficiency in Internal Control over Financial Reporting

Criteria

COSO/Internal Control Framework defines control activities as “policies and procedures that help ensure management’s directives are carried out.” Policies and procedures include review of transactions and balances for classification accuracy and timely and accurate reconciliation of accounts balances of subsidiary ledgers and review of transactions for appropriate classification.

Condition

Internal controls over financial reporting were inadequate to prevent or detect misstatements during the preparation of the Annual Comprehensive Financial Report and in the supporting accounting records, requiring the State to post adjustments.

The Maryland Department of Health (MDH) did not conduct adequate analysis of transaction and account balance classifications. Consequently, there were misclassifications which were not detected and corrected by Management. Specifically, there were balances reported as prepaid assets that should have been recorded as either receivables or cash. Additionally, certain interagency balances were recorded as external receivables. Lastly, there were instances where expenditures were not recorded, and uncollectible aged receivable balances were not identified and appropriately accounted for due to untimely reconciliation.

Effect

Audit adjustments decreasing accounts receivable and revenue in addition to audit adjustments reducing prepaid assets while increasing cash and accounts receivable were required to be made to the accounting records. Also, there were adjustments noted that were immaterial in nature that management elected not to make.

Cause

Failure to effectively perform timely review and reconciliation resulted in errors not being detected and corrected.

Recommendation

We recommend the Department of Health reevaluate their policies and procedures for their year-end close and the account reconciliation process to ensure accounts are properly stated. The policies and procedures should ensure timely analysis of account balances and adequate supervisory review.

Management Response

There is no disagreement with the audit finding. MDH will complete all steps listed in the R*STARS closing checklist for future close-outs and ensure adequate supervisory review. MDH will seek guidance, counsel, and direction from the State’s General Accounting Division as appropriate.

Responsible party: MDH Office of Finance

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021

Section II – Financial Statement Findings (Continued)

Finding 2021-002 – Maryland Stadium Authority – Unrecorded Construction Invoices

Type of Finding: Material Weakness in Internal Control over Financial Reporting

Criteria

Management of the department is responsible for designing, implementing, and monitoring internal controls over financial reporting.

Condition

The Authority did not accrue construction invoices totaling \$7,641,388. We identified and inquired about two invoices (\$5,778,435) which were not accrued at year-end. As a result of our inquiry, management identified two additional invoices (\$1,862,953) that were not properly accrued at year-end. Upon discovering the error management recorded the four invoices and adjusted the year-end accrual to reflect the adjusted amount.

Effect

Total liabilities were understated as of June 30, 2021, and an adjusting journal entry in the amount of \$7,641,388 was posted.

Cause

The Authority did not accrue the invoices due to an oversight.

Recommendation:

We recommend that the Authority review current close-out procedures and enhance as needed to ensure that the close-out process and procedures are consistently performed.

Management's response

Management agrees with the finding.

Responsible party: Maryland Stadium Authority management

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs

Summary of Federal Award Findings

Finding Number	Federal Agency (Prefix)	Assistance Listing #	Federal Program/ Cluster Name	Internal Control		Compliance
				Material Weakness	Significant Deficiency	
2021-003	GAD	All programs	General Accounting Division		X	
2021-004	DOE (84)	84.425	Education Stabilization Fund		X	
2021-005	DOE (84)	84.425	Education Stabilization Fund		X	
2021-006	DOE (84)	84.425	Education Stabilization Fund		X	X
2021-007	DOE (84)	84.425	Education Stabilization Fund		X	
2021-008	HHS (93)	93.323	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	X		X
2021-009	USDA (10)	10.551, 10.561	SNAP Cluster		X	X
2021-010	HHS (93)	93.323	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)		X	X
2021-011	HHS (93)	93.323, 93.788, 93.917	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC), Opioid STR, HIV Care Formula Grants		X	
2021-012	HHS (93)	93.917	HIV Care Formula Grants		X	X
2021-013	HHS (93)	93.917	HIV Care Formula Grants		X	X
2021-014	HHS (93)	93.775, 93.777, 93.778	Medicaid Cluster		X	X
2021-015	HHS (93)	93.775, 93.777, 93.778	Medicaid Cluster	X		X
2021-016	HHS (93)	93.775, 93.777, 93.778	Medicaid Cluster		X	X
2021-017	HHS (93)	93.775, 93.777, 93.778	Medicaid Cluster	X		X
2021-018	HHS (93)	93.775, 93.777, 93.778	Medicaid Cluster	X		X
2021-019	HHS (93)	93.775, 93.777, 93.778	Medicaid Cluster	X		X

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-003
Prior Year Finding: 2020-004
Federal Agency: U.S. Department of Treasury
U.S. Department of Transportation
U.S. Department of Labor
State Agency: Department of Housing and Community Development
Department of Transportation
Department of Labor
Federal Program: Emergency Rental Assistance
Federal Transit Cluster
Unemployment Insurance
Assistance Listing Number: 17.225, 20.500/20.507/20.525/20.20.526, 21.023
Award Number and Year: N/A
Compliance Requirement: Reporting – Schedule of Expenditures of Federal Awards (SEFA)
Type of Finding: Significant Deficiency in Internal Control Over Compliance

Criteria or specific requirement:

Compliance: 2 CFR part 200.502 states that the determination of when a federal award is expended must be based on when the activity related to the Federal award occurs. Generally, the activity pertains to events that require the non-Federal entity to comply with Federal statutes, regulations, and the terms and conditions of Federal awards, such as: expenditure/expense transactions associated with awards including grants, cost-reimbursement contracts under the FAR, compacts with Indian Tribes, cooperative agreements, and direct appropriations; the disbursement of funds to subrecipients; the use of loan proceeds under loan and loan guarantee programs; the receipt of property; the receipt of surplus property; the receipt or use of program income; the distribution or use of food commodities; the disbursement of amounts entitling the non-Federal entity to an interest subsidy; and the period when insurance is in force.

At a minimum, the schedule must:

- 1) List individual Federal programs by Federal agency. For a cluster of programs, provide the cluster name, list individual Federal programs within the cluster of programs, and provide the applicable Federal agency name. For R&D, total Federal awards expended must be shown either by individual Federal award or by Federal agency and major subdivision within the Federal agency. For example, the National Institutes of Health is a major subdivision in the Department of Health and Human Services.
- 2) For Federal awards received as a subrecipient, the name of the pass-through entity and identifying number assigned by the pass-through entity must be included.
- 3) Provide total Federal awards expended for each individual Federal program and the Assistance Listings Number or other identifying number when the Assistance Listings information is not available. For a cluster of programs also provide the total for the cluster.
- 4) Include the total amount provided to subrecipients from each Federal program.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Schedule of Expenditures of Federal Awards (SEFA) contained numerous errors due to the information provided by the State Departments. The State’s General Accounting Division (GAD) requires each Department to report federal expenditure activity as part of the year-end closing process. GAD utilizes the year-end reporting packages to compile the SEFA.

Context: During our testing we noted the following errors:

- Program expenditure detail did not agree to the SEFA (Schedule G),
- Non-federal expenditures were reported as federal

Effect:

The SEFA was not prepared in accordance with OMB requirements which affects the major program risk assessment.

Questioned costs:

None noted as the reporting requirement does not affect the allowability of costs and/or activities.

Cause:

We noted the GAD is responsible for the compilation of the SEFA (for the State) and provided year-end closing and reporting instructions to the state Departments. The instructions detailed the procedures for completing the schedule G and related supplementary schedules, including reconciliation of the federal revenue and expenditures (per Schedule G) to the state’s accounting system.

GAD has limited authority to enforce the other State Department’s adherence to the close out and reporting procedures, as well as USM’s procedures over reporting federal expenditures. As such the schedule G and supplementary schedules contained errors as reported in the condition.

Recommendation:

We recommend that the State determines which Agency is ultimately responsible for the completeness and accuracy of the SEFA and has the authority to enforce compliance with the year-end close-out and reporting procedures, including University of Maryland System procedures (as they relate to the SEFA). The current structure does not provide assurance that the expenditures reported on the SEFA (in total) are accurate, complete.

Views of responsible officials:

Management concurs with the recommendation

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-004
Prior Year Finding: N/A
Federal Agency: U.S. Department of Education
State Agency: Bowie State University, University of Maryland, Baltimore
Federal Program: COVID-19 – HEERF Student Aid Portion
COVID-19 – HEERF Institutional Portion
COVID-19 – HEERF Historically Black Colleges and Universities (HBCUs)
Assistance Listing Number: 84.425E, 84.425F, 84.425J
Award Number and Year: P425F200656 (5/4/2020 – 6/7/2022), P425E202510 (4/25/2020 – 6/7/2022), P425J200103 (5/1/2020 – 5/11/2022)
Compliance Requirement: Reporting – Schedule of Expenditures of Federal Awards
Type of Finding: Significant Deficiency in Internal Control Over Compliance

Criteria or specific requirement:

Compliance – 2 CFR, Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, Subpart F, §200.510(b) requires that auditees prepare a schedule of expenditures of Federal awards for the period covered by the auditee's financial statements which must include the total Federal awards expended as determined in accordance with §200.502.

Internal Control – Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Schedule of Expenditures of Federal Awards (SEFA) contained errors as a result of incorrect information provided by the institutions to the University System of Maryland (USM) System Office, which ultimately compiles the SEFA. The System Office requires each institution to report federal expenditure activity as part of the year-end closing process. The System Office then utilizes the year-end reporting packages to compile the system-wide SEFA, which is ultimately the responsibility of USM.

Context:

The following SEFA errors were noted:

- Amounts provided by Bowie State University required adjustments to federal expenditures reported on the SEFA related to HEERF (Assistance Listing 84.425) as follows:
 - ALN 84.425E was overstated by \$3,078,526;
 - ALN 84.425F was overstated by \$395,719; and,
 - ALN 84.425J was understated by \$4,838,780.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

- Amounts provided by the University of Maryland, Baltimore incorrectly classified \$20,520,930 in expenditures for the Global Aids program (Assistance Listing 93.067) that should have been reported in the Research & Development Cluster.

Cause:

These isolated findings were caused by understaffing and time constraints at the institutions that did not allow for enough resources for a proper review of information reported.

Effect:

The SEFA was not prepared in accordance with OMB requirements which affects the major program risk assessment.

Questioned costs:

None noted as the reporting requirement does not affect the allowability of costs and/or activities.

Recommendation:

We recommend that USM review and revise its current reporting procedures, management review requirements, and communications with the institutions to ensure that the reported information is accurate and reliable. USM may require the institutions to submit the general ledger (summary), reconciliation or analytic (year to year) that support the reasonableness of the federal expenditures. The procedures should require the institutions to provide all required information related to their program (Subrecipient expenditures, Assistance Listing numbers, and pass-through entity identifying numbers). Incomplete reporting should be returned to the institutions for resolution.

Views of responsible officials:

There is no disagreement with the audit finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-005
Prior Year Finding: N/A
Federal Agency: U.S. Department of Education
State Agency: University of Maryland, College Park
Federal Program: COVID-19 – HEERF Institutional Portion
Assistance Listing Number: 84.425F
Award Number and Year: P425F201686 – 20B (5/6/2020 – 3/19/2022)
Compliance Requirement: Allowable Costs/Cost Principles
Type of Finding: Significant deficiency in Internal Control Over Compliance

Criteria or specific requirement:

Compliance – Per 2 CFR § 200.403, except where otherwise authorized by statute, costs must meet the following general criteria to be allowable under Federal awards: (a) Be necessary and reasonable for the performance of the Federal award to be allocable thereto under these principles. (b) Conform to any limitations or exclusions set forth in these principles or in the Federal award regarding types or amount of cost items. (c) Be consistent with policies and procedures that apply uniformly to both federally-financed and other activities of the non-Federal entity. (d) Be accorded consistent treatment. A cost may not be assigned to a Federal award as a direct cost if any other cost incurred for the same purpose in like circumstances has been allocated to the Federal award as an indirect cost. (e) Be determined in accordance with generally accepted accounting principles (GAAP), except for state and local governments and Indian tribes only, as otherwise provided for in this part. (f) Not be included as a cost or used to meet cost sharing or matching requirements of any other federally-financed program in either the current or a prior period. See also §200.306 Cost sharing or matching paragraph (b). (g) Be adequately documented. See also §§200.300 Statutory and national policy requirements through 200.309 Period of performance of this part.

Internal Control – Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The University does not document their reconciliation of actual payroll costs to the allocated time and effort percentage. The employee’s actual hours charged to the program was less than the allocated time and effort percentage. The University was unable to provide documentation to explain the reason for the time and effort difference; therefore, was not monitoring the allocated time and effort to the actual effort.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Context:

For 2 of 41 payroll disbursements tested, the University was unable to provide any documentation to support payroll expenditures. Additionally, for 3 of 41 samples selected for testing, the percentage of the expense allocated to the grant did not agree to the employee's Time and Effort Report.

Cause:

These were limited isolated instances associated with the manually intensive process for accumulating and accounting for costs associated with various activities performed related to COVID mitigation and testing. These instances resulted in the undercharging of the grant.

Effect:

Unallowed expenditures for time and effort may be charged to the program.

Questioned costs:

None.

Recommendation:

We recommend that the institution strengthen its internal controls to ensure that expenditures are reviewed and adjusted for, if necessary, in a timely manner.

Views of responsible officials: There is no disagreement with the audit finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-006
Prior Year Finding: N/A
Federal Agency: U.S. Department of Education
State Agency: University of Maryland Global Campus (UMGC), University of Maryland Baltimore County (UMBC), University of Maryland College Park (UMCP), Bowie State University (BSU)
Federal Program: COVID-19 – HEERF Student Aid Portion, COVID-19 – HEERF Institutional Portion
Assistance Listing Number: 84.425E, 84.425F
Award Number and Year: P425E200782 – 20B (4/28/2020 – 1/14/2022), P425E202510 (4/25/200 – 6/7/2022), P425F200656 (5/4/2020 – 6/7/2022), P425F202002 – 20B (5/7/2020 – 3/19/2022), P425E200532 – 20B (4/22/2020 – 3/20/2022), P425E202964 – 20B (4/25/2020 – 3/19/2022)
Compliance Requirement: Reporting
Type of Finding: Significant deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

Compliance – Per Federal Register Notice of Public Posting Requirement of Grant Information for Higher Education Emergency Relief Fund (HEERF) Grantees dated 5/13/21, institutions are required to submit (in a time and manner required by the Secretary) a report to the Secretary describing the use of funds distributed from the HEERF. The Department further requires institutions to post all quarterly reports to their website in a publicly accessible location. According to the OPE Reporting and Data Collection website, quarterly reports should appear on separate documents by quarter and should not be cumulative.

Internal Control – Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

Various errors were noted in reports either due to inaccurate or missing supporting documentation, timeliness of reporting, and misreporting of certain amounts on a cumulative basis.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Context:

Out of 8 Student Quarterly Reports, 8 Institutional Quarterly Reports, and 5 Annual Reports selected for testing, the following reporting errors were identified:

State Agency	Type of Report (# of Reports with Errors)	Specific Condition(s)
Related to Inaccurate or Missing Supporting Documentation:		
UMGC	Student (1)	UMGC was unable to provide documentation supporting the number of Eligible Students reported.
BSU	Annual (1)	BSU was unable to provide documentation supporting the number of students that received funding and the amount of funding distributed.
BSU	Institutional (1)	BSU reported \$768,678 in additional emergency grants to students compared to documentation showing \$793,629.
UMBC	Institutional (1)	UMBC was unable to provide documentation supporting the quarterly expenses.
Related to Timeliness of Reporting:		
UMCP	Student (1)	Posted 6 months after quarter end
Related to Other Conditions:		
BSU	Student (1)	Quarterly reports missing from website
UMBC	Student (1)	Reported #'s from April – September instead of quarterly
UMCP	Student (1)	Missing required elements #1, 6, 7

Questioned costs:

None.

Cause:

- University of Maryland, Global Campus (UMGC) – The estimated number of students who may be eligible to receive this aid was based upon reports produced in the SIS system at the time aid determinations were being made. The results were then emailed to the decision makers to review to ensure the correct population of students were being considered based upon available funding and agreed upon priorities. Since this was an estimated number, UMGC did not focus on retaining the exact reporting documentation used to produce the estimated number for this one quarterly report. When it became aware of this requirement, UMGC has subsequently retained these estimated eligible reporting results for future auditing purposes.
- University of Maryland, Baltimore County – The institution’s misinterpretation of the guidance caused the reporting issue.
- University of Maryland, College Park – Initially, the student reporting requirement was to share quarterly information outlining the number of eligible students, the number of students who received HEERF funds, and the total HEERF funds provided for the quarter (not cumulative). UMCP followed these requirements and posted the data regularly. Later the requirement changed to post a cumulative quarterly student grant report. During this change, UMCP posted the updated cumulative quarterly report late. It provided all the required student disclosure information on its website in the form FAQ, and Eligibility Criteria, however the

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

information was not posted exactly as the U.S Department of Education indicated as part of the Notice of Public Posting Requirement of Grant Information for HEERF Grantees.

- Bowie State University – The reporting errors were caused by various parties reporting financial data with a lack of central coordination of the reporting.

Effect:

The institution is not meeting the reporting and information-sharing requirements determined by the Department of Education. As a result, the institution may be subject to additional enforcement actions by the Department of Education including a delay in funding for additional HEERF programs and possibly being determined ineligible for other program funding.

Recommendation:

We recommend the institutions obtain an understanding of the reporting requirements established by the grant, develop a calendar to ensure timely reporting, and ensure supporting documentation is maintained to substantiate amounts reported.

Views of responsible officials:

There is no disagreement with the audit finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-007
Prior Year Finding: N/A
Federal Agency: U.S. Department of Education
State Agency: Towson University
Federal Program: COVID-19 – HEERF Institutional Portion
Assistance Listing Number: 84.425F
Award Number and Year: P425F201854 – 20B (5/6/2020 – 1/16/2022)
Compliance Requirement: Suspension and Debarment
Type of Finding: Significant deficiency in Internal Control Over Compliance

Criteria or specific requirement:

Compliance – 2 CFR 180.300 states that an entity may determine suspension and debarment status by: (a) Checking SAM Exclusions; (b) Collecting a certification from that person; or (c) Adding a clause or condition to the covered transaction with that entity.

Internal Control – Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

Towson University (TU) did not determine the suspension and debarment status on vendors with expenditures exceeding \$25,000 during the fiscal year as required by federal regulations.

Context:

The suspension and debarment status for 1 out of 12 items tested was not documented before the time of procurement.

Cause:

During the pandemic, all related expenditures were tracked under a specific department. At that time, the funding source was state funds. As a result, the purchase in question did not fall in the category of suspension and debarment verification. When TU received HEERF funding, those funds were drawn down to supplement our expenses that were pandemic related. It is also important to note that HEERF funds were received after the purchase.

Effect:

Federal funds may be paid to parties that are ineligible.

Questioned costs:

None.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Recommendation:

We recommend the University evaluate its policies procedures to ensure that suspension and debarment requirements are being met prior to entering into transactions with vendors. Policies and procedures should reiterate the three options for determining suspension and debarment status listed in 2 CFR 180.300.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-008
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
Assistance Listing Number: 93.323
Award Number and Year: 6NU50CK000506 (8/1/2019 – 7/31/2024)
Compliance Requirement: Reporting – Federal Funding Accountability and Transparency Act (FFATA)
Type of Finding: Material Weakness in Internal Control Over Compliance, Material Noncompliance

Criteria or specific requirement:

Compliance: Per the Federal Funding Accountability and Transparency Act (FFATA), prime (direct) recipients of grants or cooperative agreements are required to report first-tier subawards of \$30,000 or more to the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS). Reports must be filed in FSRS by the end of the month following the month in which the prime recipient awards any sub-grant greater than or equal to \$30,000. If the initial award is below \$30,000 but subsequent grant modifications result in a total award equal to or over \$30,000, the award will be subject to the reporting requirements as of the date the award exceeds \$30,000. If the initial award equals or exceeds \$30,000 but funding is subsequently de-obligated such that the total award amount falls below \$30,000, the award continues to be subject to FFATA reporting requirements.

The following key data elements must be reported: Subawardee Name and Data Universal Numbering System (DUNS) number; Amount of Subaward (inclusive of modifications); Subaward Obligation/Action Date; Date of Report Submission; Subaward Number; Project Description; and Names and Compensation of Highly Compensated Officers. (Names and Compensation of Highly Compensated Officers must only be reported when the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and \$30,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986.)

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Condition:

The Department of Health (Department) did not report subaward information to FSRS during FY 2021.

Context:

Seven of seven subawards selected for testing were not reported to FSRS during FY 2021. Subawards were obligated on 12/31/2020 and should have been reported to FSRS by 1/31/2021, but the Department did not report any subawards during FY 2021.

Transactions Tested	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
7	7	0	0	0
Dollar Amount of Tested Transactions	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
\$5,489,701	\$5,489,701	\$0	\$0	\$0

Cause:

The Department’s internal controls were not sufficient to ensure that subawards were reported to FSRS during FY 2021.

Effect:

Subawards were not reported to FSRS in accordance with FFATA requirements.

Questioned costs:

None noted.

Recommendation:

We recommend that the Department develop internal controls and procedures to ensure that all required subawards are reported timely to FSRS no later than the end of the month following the month of issuance in accordance with FFATA reporting requirements.

Views of responsible officials:

Management concurs with the recommendation

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-009
Prior Year Finding: N/A
Federal Agency: U.S. Department of Agriculture
State Agency: Department of Human Services
Federal Program: SNAP Cluster
Assistance Listing Number: 10.551, 10.561
Award Number and Year: 1MD400403 (10/1/2020-9/30/2021)
1MD400403 (10/1/2019-9/30/2020)
1MD430453 (10/1/2019-9/30/2021)
1MD430453 (10/1/2018-9/30/2020)
Compliance Requirement: Subrecipient Monitoring
Type of Finding: Significant Deficiency in Internal Control Over Compliance,
Other Matters

Criteria or specific requirement:

Compliance: Monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes, complies with the terms and conditions of the subaward, and achieves performance goals (2 CFR sections 200.332(d) through (f)). In addition to procedures identified as necessary based upon the evaluation of subrecipient risk or specifically required by the terms and conditions of the award, subaward monitoring must include the following:

- i. Reviewing financial and programmatic (performance and special reports) required by the PTE.
- ii. Following-up and ensuring that the subrecipient takes timely and appropriate action on all deficiencies pertaining to the federal award provided to the subrecipient from the PTE detected through audits, on-site reviews, and other means.
- iii. Issuing a management decision for audit findings pertaining to the federal award provided to the subrecipient from the PTE as required by 2 CFR section 200.521.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Human Services (Department) did not provide documentation to support subrecipient for one sub award.

Context:

For 1 of 8 subawards selected for testing failed to provide documentation of the monitoring process for the year under audit.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Cause:

The Department did not complete the review as required by their internal procedures.

Effect:

Potential for Federal funds to not be properly audited at the subrecipient level in accordance with the Uniform Guidance.

Questioned costs:

None noted.

Recommendation:

We recommend the Department review and enhance internal controls and procedures to ensure that all subrecipients are monitored and reviewed.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-010
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
Assistance Listing Number: 93.323
Award Number and Year: 6NU50CK000506 (8/1/2019 – 7/31/2024)
Compliance Requirement: Subrecipient Monitoring
Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

Compliance: Per 2 CFR section 200.332(a), all pass-through entities must ensure that every subaward is clearly identified to the subrecipient as a subaward and includes the following information at the time of the subaward and if any of these data elements change, include the changes in subsequent subaward modification. When some of this information is not available, the pass-through entity must provide the best information available to describe the Federal award and subaward. Required information includes:

- i. Subrecipient name (which must match the name associated with its unique entity identifier);
- ii. Subrecipient's unique entity identifier;
- iii. Federal Award Identification Number (FAIN);
- iv. Federal Award Date (see the definition of Federal award date in § 200.1 of this part) of award to the recipient by the Federal agency;
- v. Subaward Period of Performance Start and End Date;
- vi. Subaward Budget Period Start and End Date;
- vii. Amount of Federal Funds Obligated by this action by the pass-through entity to the subrecipient;
- viii. Total Amount of Federal Funds Obligated to the subrecipient by the pass-through entity including the current financial obligation;
- ix. Total Amount of the Federal Award committed to the subrecipient by the pass-through entity;
- x. Federal award project description, as required to be responsive to the Federal Funding Accountability and Transparency Act (FFATA);
- xi. Name of Federal awarding agency, pass-through entity, and contact information for awarding official of the Pass-through entity;
- xii. Assistance Listings number and Title; the pass-through entity must identify the dollar amount made available under each Federal award and the Assistance Listings Number at time of disbursement;
- xiii. Identification of whether the award is R&D; and
- xiv. Indirect cost rate for the Federal award (including if the de minimis rate is charged) per section 200.414.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) did not include all required information in its subaward agreements.

Context:

For 7 of 7 subawards selected for testing, the following required elements were missing from the subaward agreements:

- Federal Award Identification Number (FAIN)
- Subaward Budget Period Start and End Date
- Federal award project description, as required to be responsive to the Federal Funding Accountability and Transparency Act (FFATA)
- Identification of whether the award is R&D
- Indirect cost rate for the Federal award (including if the de minimis rate is charged) per section 200.414

Cause:

The Department’s procedures were not sufficient to ensure that it included all required elements in its subaward agreements. Internal controls did not prevent or detect the errors.

Effect:

Subrecipients were not provided with all required federal award information pertaining to their subawards. Excluding required federal grant award information at the time of the subaward may cause subrecipients and their auditors to be uninformed about specific program and other regulations that apply to the funds they receive. There is also the potential for subrecipients to have incomplete Schedules of Expenditures of Federal Awards (SEFA) in their Single Audit reports, and federal funds may not be properly audited at the subrecipient level in accordance with the Uniform Guidance.

Questioned costs:

None noted.

Recommendation:

We recommend the Department review and enhance internal controls and procedures to ensure that all required information is included in its subawards.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-011
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: COVID-19 – Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
Opioid STR
HIV Care Formula Grants, COVID-19 – HIV Care Formula Grants
Assistance Listing Number: 93.323, 93.788, 93.917
Award Number and Year: ELC: 6NU50CK000506 (8/1/2019 – 7/31/2024)
Opioid STR: 5H79T1083330-02, 6H79T1081720-02M004 NCE,6H79T1083330-01-M001
HIV Care Formula Grants: 21-1566 (4/1/2020 – 3/31/2021), 22-1566 (4/1/2021 – 3/31/2022), 21-9159 (9/30/2019 – 9/29/2020), 22-9159 (9/30/2020 – 2/29/2021), 21-9176 (4/1/2020 – 12/21/2021)
Compliance Requirement: Cash Management
Type of Finding: Significant Deficiency in Internal Control Over Compliance

Criteria or specific requirement:

Compliance: US Department of the Treasury (Treasury) regulations at 31 CFR Part 205 implement the Cash Management Improvement Act of 1990 (CMIA), as amended (Pub. L. No. 101-453; 31 USC 6501 et seq.). Subpart A of those regulations requires state recipients to enter into Treasury-State Agreements that prescribe specific methods of drawing down federal funds (funding techniques) for federal programs listed in the Assistance Listing (Catalog of Federal Domestic Assistance) that meet the funding threshold for a major federal assistance program under the CMIA. Treasury-State agreements also specify the terms and conditions under which an interest liability would be incurred. Programs not covered by a Treasury-State Agreement are subject to procedures prescribed by Treasury in Subpart B of 31 CFR Part 205 (Subpart B), which at 31 CFR section 205.33(a) include the requirement for a state to minimize the time between the drawdown of federal funds and their disbursement for federal program purposes.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Condition:

The Department of Health (Department) was unable to provide documentation to support review of cash draw requests. The cash draw requests were compiled and submitted by the same employee without review by an employee other than the preparer.

Context:

Epidemiology and Laboratory Capacity for Infectious Diseases: Eight of eight cash draw requests selected for testing did not have evidence of supervisory review.

Opioid STR: Nine of nine cash draw requests selected for testing did not have evidence of supervisory review.

HIV Care Formula Grants: Eight of eight cash draw requests selected for testing did not have evidence of supervisory review.

Cause:

The Department's procedures and controls were not sufficient to ensure that cash draw requests were properly reviewed. The Department experienced changes in program personnel which resulted in a shortage of staff which contributed to inconsistent review of cash draw requests.

Effect:

Failure to review cash draw requests could result in cash draws that do not accurately reflect eligible program costs.

Questioned costs:

None noted.

Recommendation:

We recommend that the Department review and enhance current procedures to ensure that cash draw requests are reviewed by an employee other than the preparer. The review should ensure that the cash draw request is supported by allowable program costs.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-012
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: HIV Care Formula Grants, COVID-19 – HIV Care Formula Grants
Assistance Listing Number: 93.917
Award Number and Year: 21-1566 (4/1/2020 – 3/31/2021), 22-1566 (4/1/2021 – 3/31/2022), 21-9159 (9/30/2019 – 9/29/2020), 22-9159 (9/30/2020 – 2/29/2021), 21-9176 (4/1/2020 – 12/21/2021)
Compliance Requirement: Allowable Costs/Cost Principles
Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

Compliance: 2 CFR section 200.403 states, in part, except where otherwise authorized by statute, costs must meet the following general criteria in order to be allowable under Federal awards:

- (a) Be necessary and reasonable for the performance of the Federal award and be allocable thereto under these principles.
- (b) Conform to any limitations or exclusions set forth in these principles or in the Federal award as to types or amount of cost items.
- (c) Be consistent with policies and procedures that apply uniformly to both federally-financed and other activities of the non-Federal entity.
- (d) Be accorded consistent treatment. A cost may not be assigned to a Federal award as a direct cost if any other cost incurred for the same purpose in like circumstances has been allocated to the Federal award as an indirect cost.
- (e) Be determined in accordance with generally accepted accounting principles (GAAP), except, for state and local governments and Indian tribes only, as otherwise provided for in this part.
- (f) Not be included as a cost or used to meet cost sharing or matching requirements of any other federally-financed program in either the current or a prior period.
- (g) Be adequately documented.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Condition:

The Department of Health (Department) did not provide documentation of approval of payroll costs charged to the program. Payroll costs for employees paid based on exception time reporting was not consistently reviewed to ensure that the allocation of payroll was accurate. In addition, the Department did not periodically reconcile payroll costs to actual program effort to ensure that the time and effort charged to the program was accurate.

Context:

For 3 of 40 payroll transactions selected for testing, the Department did not approve and or review salary charges to the grant for exception-based employees whose hours worked were not entered into the State's payroll system.

Cause:

The Department relied on an initial payroll allocation established in their payroll system. Procedures were not sufficient to ensure that all employees' time was reviewed and approved before it was charged to the program and internal controls did not prevent or detect the errors.

Effect:

The risk for unallowed costs increases due to lack of supervisor review and /or timely reconciliation of actual time and effort to expected.

Questioned costs:

\$7,775, represents the known payroll costs selected for testing that were not reviewed and approved.

Recommendation:

We recommend that the Department review and enhance current procedures to ensure that all program costs are accurate and allowable. The documentation of the review should be maintained and readily available for audit.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-013
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: HIV Care Formula Grants, COVID-19 – HIV Care Formula Grants
Assistance Listing Number: 93.917
Award Number and Year: 21-1566 (4/1/2020 – 3/31/2021), 22-1566 (4/1/2021 – 3/31/2022), 21-9159 (9/30/2019 – 9/29/2020), 22-9159 (9/30/2020 – 2/29/2021), 21-9176 (4/1/2020 – 12/21/2021)
Compliance Requirement: Subrecipient Monitoring
Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

Compliance – Per 2 CFR Section 300.332(b), Requirements for Pass-Through Entities, all pass-through entities must evaluate each subrecipient's risk of noncompliance with Federal statutes, regulations, and the terms and conditions of the subaward for purposes of determining the appropriate subrecipient monitoring.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) was unable to provide documentation to support that it had evaluated its subrecipients' risk of noncompliance with Federal statutes, regulations, and the terms and conditions of the subaward for purposes of determining the appropriate subrecipient monitoring.

Context:

Twenty subrecipients were selected for testing and we noted the following exceptions:

- 10 of 20 subrecipients did not have documentation supporting that an annual risk assessment had been performed.
- 6 of 20 subrecipients did not have documentation that the subrecipients' annual risk assessment had been reviewed and approved.

Cause:

The Department's procedures and controls were not sufficient to ensure that it had evaluated risk for all subrecipients as required by the Uniform Guidance.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Effect:

Failure to properly evaluate subrecipients' risk of noncompliance with Federal statutes, regulations, and the terms and conditions of the subaward increases the risk that subrecipients may inappropriately spend and/or inaccurately track and report federal funds and discrepancies may not be detected or corrected on a timely basis.

Questioned costs:

None noted.

Recommendation:

We recommend the Department review and enhance internal controls and procedures to ensure that it evaluates its subrecipients' risk of noncompliance with Federal statutes, regulations, and the terms and conditions of the subaward and that risk assessments are properly reviewed and documented.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-014
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Assistance Listing Number: 93.775, 93.777, 93.778
Award Number and Year: 2005MD5MAP (7/1/2020 – 9/30/2020),
2005MD5ADM (7/1/2020 – 9/30/2020),
2105MD5MAP (10/1/2020 – 6/30/2021),
2105MD5ADM (10/1/2020 – 6/30/2021)
Compliance Requirement: Allowable Costs/Cost Principles
Type of Finding: Significant Deficiency in Internal Control Over Compliance,
Other Matters

Criteria or specific requirement:

Compliance: 2 CFR section 200.403 states, in part, except where otherwise authorized by statute, costs must meet the following general criteria in order to be allowable under Federal awards:

- (a) Be necessary and reasonable for the performance of the Federal award and be allocable thereto under these principles.
- (b) Conform to any limitations or exclusions set forth in these principles or in the Federal award as to types or amount of cost items.
- (c) Be consistent with policies and procedures that apply uniformly to both federally-financed and other activities of the non-Federal entity.
- (d) Be accorded consistent treatment. A cost may not be assigned to a Federal award as a direct cost if any other cost incurred for the same purpose in like circumstances has been allocated to the Federal award as an indirect cost.
- (e) Be determined in accordance with generally accepted accounting principles (GAAP), except, for state and local governments and Indian tribes only, as otherwise provided for in this part.
- (f) Not be included as a cost or used to meet cost sharing or matching requirements of any other federally-financed program in either the current or a prior period.
- (g) Be adequately documented.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) did not maintain documentation supporting expenditures charged to the program.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Context:

For 5 of 60 expenditure transactions selected for testing, the Department was unable to provide documentation supporting the expenditure.

Cause:

The Department's procedures were not sufficient to ensure that it maintained supporting documentation for all expenditures charged to the program. Internal controls did not prevent or detect the error.

Effect:

Undocumented expenditures were charged to the program.

Questioned costs:

\$109,923 – The federal share of undocumented expenditures charged to the program.

Recommendation:

We recommend that the Department review and enhance current procedures to ensure that it maintains documentation for all expenditures charged to the program and that this documentation is readily available for audit.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-015
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Assistance Listing Number: 93.775, 93.777, 93.778
Award Number and Year: 2005MD5MAP (7/1/2020 – 9/30/2020),
2005MD5ADM (7/1/2020 – 9/30/2020),
2105MD5MAP (10/1/2020 – 6/30/2021),
2105MD5ADM (10/1/2020 – 6/30/2021)
Compliance Requirement: Reporting – Federal Funding Accountability and
Transparency Act (FFATA)
Type of Finding: Material Weakness in Internal Control Over Compliance,
Material Noncompliance

Criteria or specific requirement:

Compliance: Per the Federal Funding Accountability and Transparency Act (FFATA), prime (direct) recipients of grants or cooperative agreements are required to report first-tier subawards of \$30,000 or more to the Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS). Reports must be filed in FSRS by the end of the month following the month in which the prime recipient awards any sub-grant greater than or equal to \$30,000. If the initial award is below \$30,000 but subsequent grant modifications result in a total award equal to or over \$30,000, the award will be subject to the reporting requirements as of the date the award exceeds \$30,000. If the initial award equals or exceeds \$30,000 but funding is subsequently de-obligated such that the total award amount falls below \$30,000, the award continues to be subject to FFATA reporting requirements.

The following key data elements must be reported: Subawardee Name and Data Universal Numbering System (DUNS) number; Amount of Subaward (inclusive of modifications); Subaward Obligation/Action Date; Date of Report Submission; Subaward Number; Project Description; and Names and Compensation of Highly Compensated Officers. (Names and Compensation of Highly Compensated Officers must only be reported when the entity in the preceding fiscal year received 80 percent or more of its annual gross revenues in Federal awards; and \$30,000,000 or more in annual gross revenues from Federal awards; and the public does not have access to this information about the compensation of the senior executives of the entity through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. §§ 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986.)

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) did not report subaward information to FSRS during FY 2021.

Context:

Seven of the seven subawards selected for testing were not reported to FSRS during FY 2021. Subawards were obligated on 12/31/2020 and should have been reported to FSRS by 1/31/2021, but the Department did not report any subawards during FY 2021.

Transactions Tested	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
0	0	0	0	0
Dollar Amount of Tested Transactions	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
\$33,303,605	\$33,303,605	\$0	\$0	\$0

Cause:

The Department’s internal controls were not sufficient to ensure that subawards were reported to FSRS during FY 2021.

Effect:

Subawards were not reported to FSRS in accordance with FFATA requirements.

Questioned costs:

None noted.

Recommendation:

We recommend that the Department develop internal controls and procedures to ensure that all required subawards are reported timely to FSRS no later than the end of the month following the month of issuance in accordance with FFATA reporting requirements.

Views of responsible officials:

Management agrees with the audit finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-016
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Assistance Listing Number: 93.775, 93.777, 93.778
Award Number and Year: 2005MD5MAP (7/1/2020 – 9/30/2020),
2005MD5ADM (7/1/2020 – 9/30/2020),
2105MD5MAP (10/1/2020 – 6/30/2021),
2105MD5ADM (10/1/2020 – 6/30/2021)
Compliance Requirement: Special Tests and Provisions: Managed Care Financial Audit
Type of Finding: Significant Deficiency in Internal Control Over Compliance,
Other Matters

Criteria or specific requirement:

Compliance: Two types of audits are required for managed care:

1. Audited Financial Reports – The contract with each Managed Care Organization (MCO), Prepaid Inpatient Health Plan (PIHP), and Prepaid Ambulatory Health Plan (PAHP) must require them to submit to the state an audited financial report specific to the Medicaid contract on an annual basis. These audits must be conducted in accordance with generally accepted accounting principles and generally accepted auditing standards (42 CFR section 438.3(m)).
2. Periodic Audits – Effective no later than for rating periods for contracts starting on or after July 1, 2017, the state must periodically, but no less frequently than once every three years, conduct, or contract for an independent audit of the accuracy, truthfulness, and completeness of the encounter and financial data submitted by, or on behalf of each MCO, PIHP, and PAHP and post the results of these audits on its website (42 CFR section 438.602(e) and (g); May 6, 2016, Federal Register (81 FR 27497); OMB No. 0938-0920).

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) did not post the results of periodic audits on its website as required by 42 CFR Section 438.602(e).

Context:

Five of five audits selected for testing were reviewed by the Department, but the results were not posted to its website.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Cause:

The Department's procedures were not sufficient to ensure that it had posted results of periodic audits of managed care organizations on its website. Internal controls did not prevent or detect the error.

Effect:

The results of MCO audits were not available on the State's website.

Questioned costs:

None noted.

Recommendation:

We recommend that the Department review and enhance current procedures to ensure that it posts results of all MCO periodic audits on its website, in accordance with 42 CFR Section 438.602(e).

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-017
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Assistance Listing Number: 93.775, 93.777, 93.778
Award Number and Year: 2005MD5MAP (7/1/2020 – 9/30/2020),
2005MD5ADM (7/1/2020 – 9/30/2020),
2105MD5MAP (10/1/2020 – 6/30/2021),
2105MD5ADM (10/1/2020 – 6/30/2021)
Compliance Requirement: Special Tests and Provisions: Medicaid Fraud Control Unit (MFCU)
Type of Finding: Material Weakness in Internal Control Over Compliance, Material Noncompliance

Criteria or specific requirement:

Compliance: States are required as part of their Medicaid state plans to maintain a MFCU unless the HHS secretary determines that a MFCU would not be cost-effective. States must have an agreement between the MFCU and the State Medicaid agency, which includes methods of coordination and procedures for referring potential fraud, including potential fraud arising in managed care networks. States must ensure suspected fraud or other criminal violations are referred to the MFCU, or in jurisdictions without a MFCU, to another office with authority to prosecute cases of provider fraud, and ensure that overpayment recoveries resulting from MFCU activities are accurately reported on the CMS-64 in accordance with sections 1903(d)(2)(C) and (D) of the Act.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) did not report on the CMS-64 all overpayment recoveries collected as a result of MFCU activities during FY 2021.

Context:

For 3 of 11 cases selected for testing, the Department could not provide support that the overpayment recoveries had been reported on the CMS-64.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Cause:

The Department's procedures were not sufficient to ensure that it correctly reported the federal share of overpayment recoveries collected as a result of MFCU activities. Internal controls did not prevent or detect the errors.

Effect:

Failure to report the Federal share of overpayment recoveries results in an overstatement of the Federal share of program expenditures.

Questioned costs:

\$56,686 – The federal share of recoveries not reported to CMS.

Recommendation:

We recommend that the Department review and enhance current procedures and controls to ensure that it correctly reports the Federal share of overpayment recoveries on a timely basis.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-018
Prior Year Finding: N/A
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Assistance Listing Number: 93.775, 93.777, 93.778
Award Number and Year: 2005MD5MAP (7/1/2020 – 9/30/2020),
2005MD5ADM (7/1/2020 – 9/30/2020),
2105MD5MAP (10/1/2020 – 6/30/2021),
2105MD5ADM (10/1/2020 – 6/30/2021)
Compliance Requirement: Special Tests and Provisions: Medicaid National Correct Coding Initiative (NCCI)
Type of Finding: Material Weakness in Internal Control Over Compliance,
Material Noncompliance

Criteria or specific requirement:

Compliance: Effective October 1, 2010, State Medicaid Agencies (SMAs) were required to incorporate NCCI methodologies into the state Medicaid programs pursuant to the requirements of Section 6507 of the Affordable Care Act (section 1903(r) of the Social Security Act). The purpose of the NCCI Program is to promote correct coding, prevent coding errors, prevent code manipulation, reduce improper payments and reduce the paid claims improper payment rate. The Annual Report to Congress – Medicare and Medicaid Integrity Programs – Fiscal Year 2017 (2017 RTC (cms.gov)) reported that the NCCI program saved at least \$698.1 million in Medicare in FY 2017.

In paying applicable Medicaid claims, states' MES are required to completely and correctly implement the following six Medicaid NCCI methodologies to ensure that only proper payments of procedures are reimbursed.

- a. NCCI Procedure-to-Procedure (PTP) edits for practitioner and ambulatory surgical center (ASC) claims.
- b. NCCI PTP edits for outpatient hospital services, including emergency department, observation care, and outpatient hospital laboratory services.
- c. Medically Unlikely Edit (MUE) units of service (UOS) edits for practitioner and ASC services.
- d. MUE UOS edits for outpatient hospital services including emergency department, observation care, and outpatient hospital laboratory services.
- e. MUE UOS edits for durable medical equipment (DME) billed by providers.
- f. NCCI PTP edits for durable medical equipment (added in October 2012).

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

States are also required to use:

- all four components of each Medicaid NCCI methodology;
- the most recent quarterly Medicaid NCCI edit files for states;
- the Medicaid NCCI edits in effect for the date of service on the claim line or claim;
- the claim-adjudication rules in the Medicaid NCCI methodologies; and
- all modifiers for Healthcare Common Procedure Coding System (HCPCS) codes and Current Procedural Terminology (CPT) codes needed for the correct adjudication of applicable Medicaid claims.

The NCCI Medicaid Policy Manual and the NCCI Medicaid Technical Guidance Manual contain additional requirements for implementation of the NCCI methodologies. The Medicaid NCCI methodologies must be applied to Medicaid fee-for-service claims submitted with, and reimbursed on the basis of, HCPCS codes and CPT codes. This includes claims reimbursed on a fee-for-service basis in state Medicaid Primary Care Case Management managed care programs. Application of NCCI methodologies to fee for-service claims processed by other entities, including limited benefit plans or Managed Care Organizations, is not required; however, if SMAs require the application of NCCI methodologies to fee-for-service claims processed by such entities, then such entities must meet NCCI program requirements, including compliance with the NCCI Medicaid Policy Manual and the NCCI Medicaid Technical Guidance Manual.

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Condition:

The Department of Health (Department) was unable to provide evidence that it had complied with Medicaid National Correct Coding Initiative (NCCI) requirements during FY2021.

Context:

Department employees with responsibility for NCCI compliance were no longer employed by the Department as of the time auditors were reviewing compliance with NCCI requirements, and auditors were informed that oversight responsibility had not been reassigned. Therefore, the Department was unable to provide documentation that it was in compliance with NCCI requirements during FY2021.

Cause:

Due to staff turnover, the Department did not maintain oversight of NCCI requirements during FY2021.

Effect:

The Department was unable to demonstrate compliance with NCCI requirements.

Questioned costs:

Undetermined.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Recommendation:

We recommend that the Department develop procedures and controls to ensure that it maintains oversight and compliance with NCCI requirements. We further recommend that the Department develop controls to ensure that responsibility for program requirements is reassigned when staffing changes occur.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Reference Number: 2021-019
Prior Year Finding: 2020-009
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Assistance Listing Number: 93.775, 93.777, 93.778
Award Number and Year: 2005MD5MAP (7/1/2020 – 9/30/2020),
2005MD5ADM (7/1/2020 – 9/30/2020),
2105MD5MAP (10/1/2020 – 6/30/2021),
2105MD5ADM (10/1/2020 – 6/30/2021)
Compliance Requirement: Special Tests and Provisions: Refunding of Federal Share of
Medicaid Overpayments to Providers
Type of Finding: Material Weakness in Internal Control Over Compliance,
Material Noncompliance

Criteria or specific requirement:

Compliance: The 42 CFR 433 Subpart F outlines the requirements State Medicaid Agencies (SMAs) are to follow related to refunding the federal share of Medicaid overpayments made to providers. Pursuant to 1903(d)(2)(C) of the Social Security Act (the Act) (42 USC 1396b), states have up to one (1) year from the date of discovery of the overpayment to recover or attempt to recover the overpayment before the federal share must be refunded to CMS via Form CMS-64 Summary, Line 9C1- Fraud, Waste & Abuse Amounts, regardless of whether recovery is made from the provider. The state must credit the federal share to CMS as outlined under 42 CFR 433.320(a)(2) either in the quarter in which the recovery is made or in the quarter in which the one-year period ends following discovery, whichever is earlier, with limited exceptions. Under 42 CFR 433.316(d), for overpayments resulting from fraud, if not collected within one year of discovery, the SMA has until 30 days after the final judgment of a judicial or administrative appeals process to return the federal share.

Additionally, in accordance with 42 CFR 433.320(a)(4), the state will be charged interest for any non-recovered, non-refunded overpayment amounts. Any appeal rights offered to the provider does not extend the date of discovery per 42 CFR 433.316(h).

Control: Per 2 CFR section 200.303(a), a non-Federal entity must: Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should comply with guidance in “Standards for Internal Control in the Federal Government” issued by the Comptroller General of the United States or the “Internal Control Integrated Framework”, issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2021**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

Condition:

The Department of Health (Department) did not correctly report overpayment recoveries on the CMS-64 report. Recoveries must be reported in the quarter in which the recovery is made or in the quarter in which the one-year period ends following discovery, whichever is earlier.

Context:

For 4 of 5 overpayment recoveries selected for testing, the Department could not provide support that the recoveries had been reported on the CMS-64.

Cause:

The Department's procedures were not sufficient to ensure that it correctly reported the federal share of overpayments on the CMS-64. Internal controls did not prevent or detect the errors.

Effect:

Failure to report the Federal share of overpayment recoveries results in an overstatement of the Federal share of program expenditures.

Questioned costs:

\$1,311,613 – The known federal share of recoveries not reported.

Recommendation:

We recommend that the Department review and enhance current procedures and controls to ensure that it correctly reports the Federal share of overpayments in the quarter in which the recovery is made or in the quarter in which the one-year period ends following discovery, whichever is earlier.

Views of responsible officials:

Management concurs with the recommendation