

**STATE OF MARYLAND
SINGLE AUDIT REPORT
YEAR ENDED JUNE 30, 2022**



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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, 2022 and the related notes to the financial statements, which collectively comprise the State's basic financial statements, and have issued our report thereon dated January 31, 2023.

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	7%	53%
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%	9%	
Economic Development Loan Programs - Major Proprietary Fund	Department of Housing and Community Development State Funded Loan Programs	13%	7%
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	15%	51%

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 the financial reporting on instance of reportable noncompliance with these entities.

Report on 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 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 were not identified. However, as described in the accompanying schedule of findings and questioned costs, we identified 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 2022-001 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 deficiencies described in the accompanying schedule of findings and questioned costs as items 2022-002 and 2022-003 to be significant deficiencies.

Report on 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*.

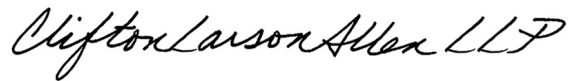
The Honorable Members of the General Assembly and the Governor
State of Maryland

State of Maryland's Response to Findings

Government Auditing Standards requires the auditor to perform limited procedures on the State's response to the findings identified in our audit and described in the accompanying schedule of findings and questioned costs. The State's responses were not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the responses.

Purpose of This Report

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



CliftonLarsonAllen LLP

Baltimore, Maryland
January 31, 2023



**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

Qualified and Unmodified Opinions

We have audited the State of Maryland's (the State) compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the State's major federal programs for the year ended June 30, 2022. 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.

Qualified Opinion on Major Programs

In our opinion, except for the noncompliance described in the Basis for Qualified and Unmodified Opinions section of our report, the State complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on the programs for the year ended June 30, 2022.

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, 2022.

Basis for Qualified and Unmodified Opinions

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

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

Matter(s) Giving Rise to Qualified Opinion

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

Federal Program	Assistance Listing	Noncompliance	Finding Number
Global AIDS	93.067	Reporting- Schedule of Expenditure of Federal Awards	2022-004
Global AIDS	93.067	Reporting – Federal Funding Accountability and Transparency Act (FFATA)	2022-005
Children Health Insurance Program (CHIP)	93.767	Reporting – Federal Funding Accountability and Transparency Act (FFATA)	2022-028
Medicaid Cluster, COVID-19 - Medicaid Cluster	93.775, 93.778, 93.777, 93.778	Reporting – Federal Funding Accountability and Transparency Act (FFATA)	2022-028
COVID-19: Coronavirus State and Local Recovery Funds	93.775, 93.778, 93.777,93.778	Unallowed Costs	2022-030

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

Responsibilities of Management for Compliance

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

Auditors' Responsibilities for the Audit of Compliance

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

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

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

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

Other Matters

The results of our auditing procedures disclosed instances of noncompliance which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as items 2022-006, 2022-007, 2022-009, 2022-010, 2022-011, 2022-012, 2022-013, 2022-014, 2022-015, 2022-016, 2022-017, 2022-018, 2022-019, 2022-020, 2022-021, 2022-022, 2022-024, 2022-025, 2022-026, 2022-029, and 2022-031. Our opinion on each major federal program is not modified with respect to these matters.

Government Auditing Standards requires the auditor to perform limited procedures on s response to the State's noncompliance findings identified in our compliance audit described in the accompanying schedule of findings and questioned costs. The State's responses were not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

Report on Internal Control Over Compliance

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance and therefore, material weaknesses or significant deficiencies may exist that were not 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 a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2022-004, 2022-005, 2022-028, and 2022-030 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 2022-006, 2022-007, 2022-008, 2022-009, 2022-010, 2022-011, 2022-012, 2022-013, 2022-014, 2022-015, 2022-016, 2022-017, 2022-018, 2022-019, 2022-020, 2022-021, 2022-022, 2022-023, 2022-024, 2022-025, 2022-026, 2022-027, 2022-029, and 2022-031 to be significant deficiencies.

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


Government Auditing Standards requires the auditor to perform limited procedures on the State's response to internal control over compliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. The State's responses were not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

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

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, 2022, and the related notes to the financial statements, which collectively comprise the State’s basic financial statements. We issued our report thereon dated January 31, 2023, 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
March 17, 2023

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2022**

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		\$ 191,707		\$ -
Plant and Animal Disease, Pest Control, and Animal Care	10.025		8,959,347		-
Inspection Grading and Standardization	10.162		49,709		-
Market Protection and Promotion	10.163		67,323		-
Wholesale Farmers and Alternative Market Development	10.164		125,991		-
Specialty Crop Block Grant Program - Farm Bill	10.170		462,722		-
Grants for Agricultural Research, Special Research Grants	10.200		222,952		-
Cooperative Forestry Research	10.202		11,725		-
Payments to 1890 Land-Grant Colleges and Tuskegee University	10.205		1,557,256		-
Small Business Innovation Research	10.212		-		-
Pass-Through American Solar		sbir Phase I	4,950		-
Total ALN 10.212 Small Business Innovation Research			4,950		-
Sustainable Agriculture Research and Education	10.215		1,505,598		147,903
Pass-Through Montana State University		G25422W7443	18,369		-
Pass-Through Northeast Sustainable Agriculture Research and Education - University of Vermont		ASSOCCOORDINATORPDP21AWD00	67,140		-
Pass-Through Northeast Sustainable Agriculture Research and Education - University of Vermont		ENE2016034268	24,738		-
Pass-Through Northeast Sustainable Agriculture Research and Education - University of Vermont		ENE2016534268	23,065		-
Pass-Through Northeast Sustainable Agriculture Research and Education - University of Vermont		LNE2039734268	17,449		-
Pass-Through Northeast Sustainable Agriculture Research and Education - University of Vermont		PDP2035383	17,368		-
Pass-Through Tufts University		FSU236	7,364		-
Pass-Through University of Vermont		2019-38640-29877	8,774		-
Pass-Through University of Vermont		202-38640-31520	7,945		-
Total ALN 10.215 Sustainable Agriculture Research and Education			1,697,810		147,903
1890 Institution Capacity Building Grants	10.216				
Pass-Through Delaware State University		18-002HEH	35,567		-
Pass-Through Virginia State University		R000035	5,500		-
Pass-Through Alcorn State		2021-38821-34727	31,829		-
Pass-Through Florida A&M University		2019-38821-29150	24,999		-
Pass-Through North Carolina Agricultural and Technical State University		2021-38427-34937	24,371		-
Pass-Through Virginia State University		2021-38821-34601	5,152		-
Total ALN 10.216 1890 Institution Capacity Building Grants			127,418		-
Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	10.226		23,085		-
1994 Institutions Research Program	10.227				
Pass-Through Navajo Tech University		2021-38424-34022	575		-
Total ALN 10.227 1994 Institutions Research Program			575		-
Consumer Data and Nutrition Research	10.253		2,168		-
Agriculture and Food Research Initiative (AFRI)	10.310		179,838		38,476
Pass-Through University of California		19-1046-001-SF	44,787		-
Pass-Through University of Florida		2018-68011-28374	54,661		-
Total ALN 10.310 Agriculture and Food Research Initiative (AFRI)			279,286		38,476
Beginning Farmer and Rancher Development Program	10.311		29,957		5,080
Crop Protection and Pest Management Competitive Grants Program	10.329		58,056		16,396
Rural Business Development Grant	10.351		74,493		-
State Mediation Grants	10.435		62,879		-
Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers	10.443		78,514		-
Crop Insurance Education in Targeted States	10.458		6,716		-
Cooperative Extension Service	10.500		1,582,339		-
Pass-Through National Young Farmers Coalition		22020843	8,261		-
Pass-Through Northeast Center for Risk Management Education		58903	15,095		-
Pass-Through University of Delaware		2018-70027-28588	47		-
Pass-Through University of Delaware		57362	5,400		-
Pass-Through University of Delaware		59086	15,323		-
Total ALN 10.500 Cooperative Extension Service			1,626,465		-
Smith-Lever Funding (Various Programs)	10.511		3,483,894		-
Expanded Food and Nutrition Education Program	10.514		691,344		-
Renewable Resources Extension Act and National Focus Fund Projects	10.515		54,905		-
Centers of Excellence at 1890 Institutions	10.523				
Pass-Through North Carolina Agricultural and Technical State University		2021-38427-34937	1,438		-
Total ALN 10.523 Centers of Excellence at 1890 Institutions			1,438		-
Scholarships for Students at 1890 Institutions	10.524		274,102		-
Farm and Ranch Stress Assistance Network Competitive Grants Program	10.525		104,606		-
Child and Adult Care Food Program Training	10.536		67,513		-
COVID-19 Pandemic EBT Food Benefits (Noncash)	10.542		325,572,692		-
SNAP Cluster					
Supplemental Nutrition Assistance Program (Noncash)	10.551		2,477,917,258		-
COVID-19 State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		5,073,003		-
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program			84,455,759		4,697,848
Total SNAP Cluster			\$ 2,567,446,020		4,697,848
Child Nutrition Cluster					
School Breakfast Program	10.553		112,294,786		47,635,048
National School Lunch Program	10.555		400,899,887		-
Special Milk Program for Children	10.556		148,382		-
Summer Food Service Program for Children	10.559		35,263,576		-
Total Child Nutrition Cluster				\$ 48,006,631	-
COVID-19 WIC Special Supplemental Nutrition Program for Women, Infants, and Children	10.557		5,556,303		-
WIC Special Supplemental Nutrition Program for Women, Infants, and Children			88,513,097		15,302,186
Total ALN 10.557 - WIC Special Supplemental Nutrition Program for Women, Infants, and Children			94,069,400		15,302,186
Child and Adult Care Food Program	10.558		132,369,819		-
State Administrative Expenses for Child Nutrition	10.560		5,614,977		182,668

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Food Distribution Cluster</i>					
COVID-19 Commodity Supplemental Food Program	10.565		14,077		-
Commodity Supplemental Food Program			302,433		302,351
Total ALN 10.565 Commodity Supplemental Food Program			316,510		302,351
Emergency Food Assistance Program (Administrative Costs)	10.568		2,245,017		-
COVID-19 Emergency Food Assistance Program			1,053,208		-
Total ALN 10.568 Emergency Food Assistance Program			3,298,225		-
Emergency Food Assistance Program (Food Commodities) - Noncash	10.569		9,679,862		-
COVID-19 Emergency Food Assistance Program (Food Commodities) - Noncash			1,701,970		-
Total ALN 10.569 Emergency Food Assistance Program					
(Food Commodities) - Noncash			11,381,832		-
Total Food Distribution Cluster				14,996,567	
WIC Farmers' Market Nutrition Program (FMNP)	10.572		545,922		-
Farm to School Grant Program	10.575		11,406		-
WIC Grants To States (WGS)	10.578		111,997		111,997
Child Nutrition Discretionary Grants Limited Availability	10.579		438,659		438,659
Fresh Fruit and Vegetable Program	10.582		3,950,642		-
COVID-19 Pandemic EBT Administrative Costs	10.649		3,857,611		-
Cooperative Forestry Assistance	10.664		666,955		-
Urban and Community Forestry Program	10.675		386,597		19,081
Forest Legacy Program	10.676		4,892		-
Forest Stewardship Program	10.678		219,787		-
State & Private Forestry Cooperative Fire Assistance	10.698		414,232		-
Research Joint Venture and Cost Reimbursable Agreements	10.707		5,907		-
Rural Economic Development Loans and Grants	10.854		21,613		-
Soil and Water Conservation	10.902		1,541		-
Environmental Quality Incentives Program	10.912				-
Pass-Through Team AG Inc.		20126550	2,562		-
Total ALN 10.912 Environmental Quality Incentives Program			2,562		-
Regional Conservation Partnership Program	10.932		5,314		-
Technical Agricultural Assistance	10.960		9,500		-
Contract/Other	10.999		-		-
Pass-Through University of Arkansas System		RA1204086	50,429		-
Total U.S. Department of Agriculture			3,719,780,578		68,897,693
U.S. Department of Commerce					
Build to Scale	11.024		53,231		-
Economic Development Technical Assistance	11.303		83,720		13,830
<i>Economic Development Cluster</i>					
COVID-19 Economic Adjustment Assistance	11.307		31,334		-
Economic Adjustment Assistance			765,392		-
Pass-Through Hope Inside Small Business		01-79-14965 URI: 114558	19,629		-
Total ALN 11.307 Economic Adjustment Assistance			816,355		-
Total Economic Development Cluster				816,355	
Interjurisdictional Fisheries Act of 1986	11.407		51,212		-
Sea Grant Support	11.417		29,130		-
Pass-Through Mississippi University		01620032056506	6,689		-
Pass-Through North Carolina State University		2020173403	13,102		-
Total ALN 11.417 Sea Grant Support			48,921		-
Coastal Zone Management Administration Awards	11.419		1,359,359		-
Coastal Zone Management Estuarine Research Reserves	11.420		637,802		-
Financial Assistance for National Centers for Coastal Ocean Science	11.426		556,004		-
Climate and Atmospheric Research	11.431		47,960		-
Pass-Through Rand Corporation		No,CON-000000449	3,833		-
Total ALN 11.431 Climate and Atmospheric Research			51,793		-
Marine Mammal Data Program	11.439		39,618		-
Habitat Conservation	11.463		222,230		-
Unalied Science Program	11.472		298,378		-
Atlantic Coastal Fisheries Cooperative Management Act	11.474		390,373		-
Science, Technology, Business and/or Education Outreach	11.620		8,576,673		-
Pass-Through John Hopkins University		2004301700	408,111		-
Total ALN 11.620 Science, Technology, Business and/or Education Outreach			8,984,784		-
Minority Business Resource Development	11.802		332,047		-
Contract/Other	11.999		149,622		-
Pass-Through Ellumen, Inc.		#HHSN316201200132W	17,000		-
Pass-Through Texas A&M University		Unknown	85,943		-
Total ALN 11.999 Contract/Other			252,565		-
Total U.S. Department of Commerce			14,178,392		13,830
U.S. Department of Defense					
Procurement Technical Assistance For Business Firms	12.002		724,393		-
State Memorandum of Agreement Program for the Reimbursement of Technical Services	12.113		1,052,941		-
Basic and Applied Scientific Research	12.300		479,941		-
ROTC Language and Culture Training Grants	12.357				-
Pass-Through Institute of International Education Inc.		PGO1801UMCP19LTC051PO5	61		-
Pass-Through Institute of International Education Inc.		PGO1801UMCP19PGO051PO3	62,247		-
Pass-Through Institute of International Education Inc.		PGO1801UMCP19PGO051PO4	263,515		-
Total ALN 12.357 ROTC Language and Culture Training Grants			325,823		-
National Guard Military Operations and Maintenance (O&M) Projects	12.401		17,821,510		-
National Guard Challenge Program	12.404		3,288,488		-
Military Medical Research and Development	12.420				-
Pass-Through Dartmouth Hitchcock		GC10494-02-DGR15450	35,856		-
Pass-Through John's Hopkins University School of Hygiene/Public Health		2003522951	39,263		-
Pass-Through John's Hopkins University School of Medicine		2004680808	36,144		-
Pass-Through John's Hopkins University School of Medicine		2005078734	19,912		-
Pass-Through Uniformed Services University		HU000118ACV04	15,911		-
Total ALN 12.420 Military Medical Research and Development			147,086		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
The Language Flagship Grants to Institutions of Higher Education	12.550		-		-
Pass-Through Institute of International Education Inc.		0054UMCP13PER280PO15	6,375		-
Pass-Through Institute of International Education Inc.		0054UMCP13SSA280PO16	79,304		-
Pass-Through Institute of International Education Inc.		0054UMCP13SSP280PO17	40,000		-
Pass-Through Institute of International Education Inc.		BOR21UMCP13ARAPO1	284,317		-
Pass-Through Institute of International Education Inc.		BOR21UMCP13PERPO2	478,648		-
Total ALN 12.550 The Language Flagship Grants to Institutions of Higher Education			<u>888,644</u>		-
COVID-19 DOD, NDEP, DOTC-STEM Education Outreach Implementation	12.560		-		-
Pass-Through RTI		14-312-0216908-65633L	193,951		-
Total ALN 12.560 DOD, NDEP, DOTC-STEM Education Outreach Implementation			<u>193,951</u>		-
Economic Adjustment Assistance for State Governments	12.617		5,399,519		233
Basic, Applied, and Advanced Research in Science and Engineering	12.630		78,040		-
Pass-Through Army Educational Outreach Program AEOP Unite		Unknown	21,732		-
Pass-Through Mitre Corporation		SB1341-14-CQ-0010	42,819		-
Pass-Through SAVIA		2217826	495,191		-
Total ALN 12.630 Basic, Applied, and Advanced Research in Science and Engineering			<u>637,782</u>		-
Past Conflict Accounting	12.740		-		-
Pass-Through Henry M. Jackson Foundation		AANA	35,310		-
Pass-Through Middle Tennessee State University		5373807779301	53,714		-
Total ALN 12.740 Past Conflict Accounting			<u>89,024</u>		-
Air Force Defense Research Sciences Program	12.800		298,745		-
Language Grant Program	12.900		1,296		-
COVID-19 Information Security Grants	12.902		299,328		-
Information Security Grants			138,415		-
Pass-Through Capitol Technology University		H9823020109	37,794		-
Total ALN 12.902 Information Security Grants			<u>475,537</u>		-
GenCyber Grants Program	12.903		24,346		-
COVID-19 Cyber Security Core Curriculum	12.905		26,781		-
Cyber Security Core Curriculum			427,212		-
Total ALN 12.905 Cyber Security Core Curriculum			<u>453,993</u>		-
Intergovernmental Personnel Act	12.1PA		922,890		-
Contract/Other	12.999		4,280,711		65,366
Pass-Through University of Pittsburgh		AWD00005137-3	4,590		-
Pass-Through Serco		NSBU000426	645		-
Pass-Through Johns Hopkins University Applied Physics		158224	300,818		-
Pass-Through JHU Applied Physics Lab		Unknown	36,000		-
Pass-Through Parsons Government Services		0006458	7,426		-
Pass-Through Microlink Devices Inc.		21063050	1,014		-
Total ALN 12.999 Contract/Other			<u>4,631,204</u>		65,366
Total U.S. Department of Defense			<u>37,857,113</u>		<u>65,599</u>
U.S. Department of Housing and Urban Development					
Supportive Housing for Persons with Disabilities	14.181		485,927		-
Section 8 Project Based Cluster					
Section 8 Housing Assistance Payments Program	14.195		252,039,250		-
Lower Income Housing Assistance Program Section 8 Moderate Rehabilitation	14.856		317,044		-
Total Section 8 Project Based Cluster				<u>252,356,294</u>	
COVID-19 Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii	14.228		6,555,290		6,264,379
Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii			6,737,865		4,497,401
Total ALN 14.228 Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii			<u>13,293,155</u>		<u>10,761,780</u>
COVID-19 Emergency Solutions Grant Program	14.231		5,786,255		638,264
Emergency Solutions Grant Program			1,605,803		753,688
Total ALN 14.231 Emergency Solutions Grant Program			<u>7,392,058</u>		<u>1,391,952</u>
Supportive Housing Program	14.235		905,431		-
Home Investment Partnerships Program	14.239		6,969,357		-
COVID-19 Home Investment Partnerships Program			24,274		-
Total ALN 14.239 Home Investment Partnerships Program			<u>6,993,631</u>		-
COVID-19 Housing Opportunities for Persons with AIDS	14.241		14,485		-
Housing Opportunities for Persons with AIDS			1,926,790		1,926,790
Pass-Through City of Baltimore		39575	23,712		-
Pass-Through City of Baltimore		MDH006-001	6,880		-
Pass-Through City of Wilmington, Delaware		DE-HO-6F-001	36,100		-
Pass-Through Baltimore City Department of Housing/Community Development		40201	92,428		-
Pass-Through Baltimore City Department of Housing/Community Development		Contract# 39692	129,799		-
Pass-Through Baltimore City Department of Housing/Community Development		OSA	14,643		-
Total ALN 14.241 - Housing Opportunities for Persons with AIDS			<u>2,244,817</u>		<u>1,926,790</u>
Continuum of Care Program	14.267		4,636,556		-
CDBG Disaster Recovery Cluster					
Hurricane Sandy Community Development Block Grant Disaster Recovery Grants (CDBG-DR)	14.269		1,072,117		912,391
Total CDBG Disaster Recovery Cluster				<u>1,072,117</u>	
Housing Trust Fund	14.275		11,692,111		-
Youth Homelessness Demonstration Program	14.276		-		-
Pass-Through Youth Homelessness Demonstration Program		22052489	131,534		-
Total ALN 14.276 Youth Homelessness Demonstration Program			<u>131,534</u>		-
Project Rental Assistance Demonstration (PRA Demo) Program of Section 811 Supportive Housing for Persons with Disabilities	14.326		2,519,077		-
Fair Housing Assistance Program State and Local	14.401		506,088		-
Housing Voucher Cluster					
COVID-19 Section 8 Housing Choice Vouchers	14.871		186,500		-
Section 8 Housing Choice Vouchers			21,965,351		-
Total ALN 14.871 Section 8 Housing Choice Vouchers			<u>22,151,851</u>		-
Total Housing Voucher Cluster				<u>22,151,851</u>	
Contract/Other	14.999		96,041		-
Total U.S. Department of Housing and Urban Development			<u>326,476,688</u>		<u>14,992,913</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, 2022**

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 the Interior					
Regulation of Surface Coal Mining and Surface Effects of Underground Coal Mining	15.250		855,235		-
Abandoned Mine Land Reclamation (AMLR)	15.252		1,190,805		-
<i>Fish & Wildlife Cluster</i>					
Sport Fish Restoration	15.605		3,353,710		-
Wildlife Restoration and Basic Hunter Education	15.611		7,809,573		-
<i>Total Fish & Wildlife Cluster</i>				<u>11,163,283</u>	
Fish and Wildlife Management Assistance	15.608		20,288		-
Coastal Wetlands Planning, Protection and Restoration	15.614		41,961		-
Cooperative Endangered Species Conservation Fund	15.615		85,079		-
Clean Vessel Act	15.616		339,523		-
Sportfishing and Boating Safety Act	15.622		1,765		-
State Wildlife Grants	15.634		586,365		-
Endangered Species Recovery Implementation	15.657		6,529		-
NFWF-USFWS Conservation Partnership	15.663				-
Pass-Through Elizabeth River Project		20010136	8,828		-
Total ALN 15.663 - NFWF-USFWS Conservation Partnership			<u>8,828</u>		-
Hurricane Sandy Disaster Relief Activities-FWS	15.677		93,258		-
White-nose Syndrome National Response Implementation	15.684		67,324		-
U.S. Geological Survey Research and Data Collection	15.808		128,081		-
National Cooperative Geologic Mapping	15.810		134,795		-
National Geological and Geophysical Data Preservation	15.814		83,678		-
Historic Preservation Fund Grants-In-Aid	15.904		1,011,623		86,741
Pass-Through NPS		none	37,240		-
Pass-Through NPS		none	99,145		-
Total ALN 15.904 Historic Preservation Fund Grants-In-Aid			<u>1,148,008</u>		86,741
Outdoor Recreation Acquisition, Development and Planning	15.916		138,926		-
American Battlefield Protection	15.926		7,908		-
Save America's Treasures	15.929		43,595		-
Chesapeake Bay Gateways Network	15.930		194,302		-
Cooperative Research and Training Programs – Resources of the National Park System	15.945		361,558		-
National Ground-Water Monitoring Network	15.980		24,907		-
Contract/Other	15.999		155,883		22,348
Total U.S. Department of the Interior			<u>16,881,884</u>		<u>109,089</u>
U.S. Department of Justice					
Law Enforcement Assistance Narcotics and Dangerous Drugs Training	16.004		164,075		-
Sexual Assault Services Formula Program	16.017		495,006		493,004
Emmett Till Cold Case Investigations Program	16.031		32,476		-
COVID-19 Coronavirus Emergency Supplemental Funding Program	16.034		5,033,856		4,995,176
Services for Trafficking Victims	16.320		2,111		509
Pass-Through Baltimore Child Abuse Center		2016-XV-GX-K022	6,050		-
Total ALN 16.320 Services for Trafficking Victims			<u>8,161</u>		509
Legal Assistance for Victims	16.524		211,662		-
Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	16.525		172,741		-
Juvenile Justice and Delinquency Prevention	16.540		733,961		632,309
Missing Children's Assistance	16.543		290,207		-
State Justice Statistics Program for Statistical Analysis Centers	16.550		41,240		-
National Criminal History Improvement Program (NCHIP)	16.554		1,655,000		-
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		2,908		-
Crime Victim Assistance	16.575		47,570,348		47,343,831
Crime Victim Assistance/Discretionary Grants	16.582		295,972		130,841
Drug Court Discretionary Grant Program	16.585		3,826		-
Violence Against Women Formula Grants	16.588		2,726,006		2,710,439
Residential Substance Abuse Treatment for State Prisoners	16.593		335,719		332,031
State Criminal Alien Assistance Program	16.606		958,942		-
Bulletproof Vest Partnership Program	16.607		20,967		20,967
Project Safe Neighborhoods	16.609		84,455		83,259
State and Local Anti-Terrorism Training	16.614				-
Pass-Through Institute For Intergovernmental Research		19082374	162,207		-
Total ALN 16.614 State and Local Anti-Terrorism Training			<u>162,207</u>		-
Public Safety Partnership and Community Policing Grants	16.710		850,074		-
Special Data Collections and Statistical Studies	16.734		307,440		-
Edward Byrne Memorial Justice Assistance Grant Program	16.738		3,751,487		3,608,900
DNA Backlog Reduction Program	16.741		271,929		-
Paul Coverdell Forensic Sciences Improvement Grant Program	16.742		224,831		222,691
Criminal and Juvenile Justice and Mental Health Collaboration Program	16.745		250,756		-
Support for Adam Walsh Act Implementation Grant Program	16.750		125,846		-
Edward Byrne Memorial Competitive Grant Program	16.751		51,503		51,503
Harold Rogers Prescription Drug Monitoring Program	16.754		587,200		-
Second Chance Act Reentry Initiative	16.812		234,611		230,809
NICS Act Record Improvement Program	16.813		248,260		-
John R. Justice Prosecutors and Defenders Incentive Act	16.816		22,732		-
Justice Reinvestment Initiative	16.827		129,500		-
National Sexual Assault Kit Initiative	16.833		405,584		-
Indigent Defense	16.836		71,892		-
Comprehensive Opioid, Stimulant, and Substance Abuse Program	16.838		1,022,261		830,809
Pass-Through Police Foundation		2017-AR-BX-K003	736,507		-
Total ALN 16.838 Comprehensive Opioid, Stimulant, and Substance Abuse Program			<u>1,758,768</u>		830,809
STOP School Violence	16.839		111,926		110,000
Opioid Affected Youth Initiative	16.842		276,015		-
Equitable Sharing Program	16.922		4,147,846		-
Contract/Other	16.999		-		-
Pass-Through Baltimore City		none	28,959		-
Pass-Through Venable, LLP		none	53,157		-
Total ALN 16.999 Contract/Other			<u>82,116</u>		-
Total U.S. Department of Justice			<u>74,910,051</u>		<u>61,797,078</u>

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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					
Labor Force Statistics	17.002		1,060,182		-
Compensation and Working Conditions	17.005		146,076		-
<i>Employment Service Cluster</i>					
Employment Service/Wagner-Peyser Funded Activities	17.207		1,699,016		-
Jobs for Veterans State Grants	17.801		1,833,234		-
<i>Total Employment Service Cluster</i>				<u>3,532,250</u>	
COVID-19 Unemployment Insurance	17.225		1,302,875,564		-
Unemployment Insurance			582,248,192		-
<i>Total ALN 17.225 Unemployment Insurance</i>				<u>1,885,123,756</u>	
Senior Community Service Employment Program	17.235		418,769		-
Trade Adjustment Assistance	17.245		1,322,008		-
<i>WIOA Cluster</i>					
WIOA Adult Program	17.258		10,548,189		-
WIOA Youth Activities	17.259		10,909,294		-
WIOA Dislocated Worker Formula Grants	17.278		11,257,769		-
<i>Total WIOA Cluster</i>				<u>32,715,252</u>	
WIOA Pilots, Demonstrations, and Research Projects	17.261		84,417		-
Work Opportunity Tax Credit Program (WOTC)	17.271		683,603		-
Temporary Labor Certification for Foreign Workers	17.273		251,777		-
COVID-19 WIOA National Dislocated Worker Grants					-
<i>/ WIA National Emergency Grants</i>					
WIOA Dislocated Worker National Reserve Demonstration Grants	17.280		1,152,919		-
WIOA Dislocated Worker National Reserve Technical Assistance and Training	17.281		1,184,712		-
Apprenticeship USA Grants	17.285		1,294,518		-
Occupational Safety and Health State Program	17.503		2,041,169		-
Consultation Agreements	17.504		4,091,911		-
Mine Health and Safety Grants	17.600		938,891		-
Local Veterans' Employment Representative Program	17.804		91,528		-
			1,549,448		-
Total U.S. Department of Labor				<u>1,937,683,186</u>	
U.S. Department of State					
<i>Academic Exchange Programs - Hubert H. Humphrey Fellowship Program</i>					
Pass-Through Institute of International Education Inc.	19.010	SECAGD16CA1014	85		-
<i>Total ALN 19.010 - Academic Exchange Programs - Hubert H. Humphrey Fellowship Program</i>				<u>85</u>	
<i>Academic Exchange Programs - Special Academic Exchange Programs</i>					
Pass-Through Institute of International Education Inc.	19.011	3000208684	10,395		-
<i>Total ALN 19.011 - Special Academic Exchange Programs</i>				<u>10,395</u>	
<i>Investing in People in The Middle East and North Africa</i>					
Pass-Through International Research and Exchanges Board	19.021	FY21HEP19UMD01	27,796		-
<i>Total ALN 19.021 - Investing in People in The Middle East and North Africa</i>				<u>27,796</u>	
<i>Public Diplomacy Programs</i>					
Pass-Through American Councils for International Education	19.040	none	456		-
Pass-Through Multicultural Ukraine Exchange Network		22010129	5,782		-
<i>Total ALN 19.040 Public Diplomacy Programs</i>				<u>6,238</u>	
Conflict and Stabilization Operations	19.121		64,111		40,817
Trans-Sahara Counterterrorism Partnership (TSCTP)	19.222		74,464		13,006
<i>Academic Exchange Programs - English Language Programs</i>					
Pass-Through FHI 360		PO021001531	8,997		-
Pass-Through FHI 360		PO200002925	174,362		-
Pass-Through FHI 360		PO21002220	193,369		-
<i>Total ALN 19.421 Academic Exchange Programs - English Language Programs-Trans-National Crime</i>				<u>376,728</u>	
	19.705		443		-
Total U.S. Department of State				<u>560,260</u>	<u>53,823</u>
U.S. Department of Transportation					
<i>COVID-19 Airport Improvement Program</i>					
Airport Improvement Program	20.106		4,053,136		-
<i>Total ALN 20.106 Airport Improvement Program</i>				<u>12,990,872</u>	
<i>Highway Planning & Construction Cluster</i>					
COVID-19 Highway Planning and Construction	20.205		47,578,182		-
Highway Planning and Construction			652,485,762		50,269,857
<i>Total ALN 20.205 Highway Planning and Construction</i>				<u>700,063,944</u>	<u>50,269,857</u>
Recreational Trails Program	20.219		1,414,288		-
<i>Total Highway Planning & Construction Cluster</i>				<u>701,478,232</u>	
COVID-19 Highway Training and Education	20.215		15,080		-
Highway Training and Education			28,023		-
<i>Total ALN 20.515 Highway Training and Education</i>				<u>43,103</u>	
<i>FMCSA Cluster</i>					
Motor Carrier Safety Assistance	20.218		2,094,656		-
<i>Total FMCSA Cluster</i>				<u>2,094,656</u>	
Commercial Driver's License Program Implementation Grant	20.232		123,974		-
<i>Federal Transit Cluster</i>					
Federal Transit Capital Investment Grants	20.500		62,056,970		-
COVID-19 Federal Transit Formula Grants	20.507		176,690		176,690
Federal Transit Formula Grants			173,026,486		1,427,641
<i>Total ALN 20.507 Federal Transit Formula Grants</i>				<u>173,203,176</u>	<u>1,604,331</u>
State of Good Repair Grants Program	20.525		14,652,126		3,226,067
Buses and Bus Facilities Formula, Competitive, and Low or No Emissions Programs	20.526		5,676,143		4,236,242
<i>Total Federal Transit Cluster</i>				<u>255,588,415</u>	
Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research	20.505		9,481,106		-
COVID-19 Formula Grants for Rural Areas and Tribal Transit Program	20.509		4,682,842		4,682,842
Formula Grants for Rural Areas and Tribal Transit Program			4,865,244		4,865,244
<i>Total ALN 20.509 Formula Grants for Rural Areas and Tribal Transit Program</i>				<u>9,548,086</u>	<u>9,548,086</u>

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Transit Services Programs Cluster					
Enhanced Mobility of Seniors and Individuals with Disabilities	20.513		4,234,409		4,234,409
Total Transit Services Programs Cluster				<u>4,234,409</u>	
Rail Fixed Guideway Public Transportation System State					
Safety Oversight Formula Grant Program	20.528		520,490		-
COVID-19 Public Transportation Innovation	20.530		486,976		486,976
Public Transportation Innovation			146,358		28,618
Total ALN 20.530 Public Transportation Innovation			<u>633,334</u>		<u>515,594</u>
Highway Safety Cluster					
State and Community Highway Safety	20.600		4,497,573		1,576,965
National Priority Safety Programs	20.616		4,314,475		1,778,039
Pass-Through Impact Research, LLC		Signed 10.28.20	4,674		-
Total ALN 20.616 Motor Carrier Safety Assistance			<u>4,319,149</u>		<u>1,778,039</u>
Total Highway Safety Cluster				<u>8,816,722</u>	
National Highway Traffic Safety Administration (NHTSA) Discretionary					
Safety Grants and Cooperative Agreements	20.614		114,984		-
Pipeline Safety Program State Base Grant	20.700		677,938		-
Interagency Hazardous Materials Public Sector Training and Planning Grants	20.703		2,506,534		69,493
Transportation Planning, Research and Education	20.931				
Pass-Through Pennsylvania State University		5902-GMU-DOT-7-103	5,262		-
Total ALN 20.931 Transportation, Planning, Research and Education			<u>5,262</u>		<u>-</u>
National Infrastructure Investments	20.933		9,596,376		9,114,040
State and Local Government Data Analysis Tools for Roadway Safety	20.935		23,091		-
Contract/Other	20.999		5,057,194		728,350
Pass-Through Dunlap and Associates		DTNH2217D00031/693JJ920F000082	75,541		-
Total ALN 20.999 Contract/Other			<u>5,132,735</u>		<u>728,350</u>
Total U.S. Department of Transportation			<u>1,027,663,455</u>		<u>86,901,473</u>
U.S. Department of the Treasury					
Low Income Taxpayer Clinics	21.008		252,982		-
Equitable Sharing	21.016		378,443		-
COVID-19 Coronavirus Relief Fund	21.019		362,084,652		686,722
Pass-Through Baltimore City Health Department		P553332	58,543		-
Total ALN 21.019 Coronavirus Relief fund			<u>362,143,195</u>		<u>686,722</u>
COVID-19 Emergency Rental Assistance Program	21.023		62,900,600		62,900,600
COVID-19 Homeowner Assistance Fund	21.026		13,672,529		648,356
COVID-19 Coronavirus State and Local Fiscal Recovery Funds	21.027		1,979,070,514		315,869,161
Pass-Through City of Baltimore		none	12,244		-
Total ASL 21.027 Coronavirus State and Local Fiscal Recovery Funds			<u>1,979,082,758</u>		<u>315,869,161</u>
Total U.S. Department of the Treasury			<u>2,418,430,507</u>		<u>380,104,839</u>
Appalachian Regional Commission					
Appalachian Area Development	23.002		1,366,142		895,347
Appalachian Research, Technical Assistance, and Demonstration Projects	23.011		61,000		-
Total Appalachian Regional Commission			<u>1,427,142</u>		<u>895,347</u>
U.S. Equal Employment Opportunity Commission					
Employment Discrimination Title VII of the Civil Rights Act of 1964	30.001		757,190		-
Total U.S. Equal Employment Opportunity Commission			<u>757,190</u>		<u>-</u>
Federal Communications Commission					
COVID-19 Communications Information and Assistance and Investigation of Complaints	32.001		614,896		-
Total Federal Communications Commission			<u>614,896</u>		<u>-</u>
General Services Administration					
Donation of Federal Surplus Personal Property (Noncash)	39.003		22,994,741		-
Intergovernmental Personnel Act	39.1PA		55,188		-
Total General Services Administration			<u>23,049,929</u>		<u>-</u>
National Aeronautics and Space Administration					
Science	43.001		534,388		-
Aeronautics	43.002		3,483,180		-
Office of STEM Engagement (OSTEM)	43.008		573,833		-
Pass-Through Texas State University		17010-82232-13	5,007		-
Total ALN 43.008 Office of STEM Engagement (OSTEM)			<u>578,840</u>		<u>-</u>
Space Technology	43.012		216,522		-
Contract/Other	43.999		-		-
Pass-Through Johns Hopkins University Applied Physics		162433	18,687		-
Total ALN 43.999 Contract/Other			<u>18,687</u>		<u>-</u>
Total National Aeronautics and Space Administration			<u>4,831,617</u>		<u>-</u>
National Endowment for the Humanities					
Promotion of the Arts Grants to Organizations and Individuals	45.024				
Pass-Through Mid-Atlantic Arts Foundation		1856350-56-C-19	11,476		-
Total ALN 45.024 Promotion of the Arts Grants to Organizations and Individuals			<u>11,476</u>		<u>-</u>
Promotion of the Arts Partnership Agreements	45.025		1,610,292		-
Pass-Through Mid-Atlantic Arts Foundation		2022-1987	4,100		-
Pass-Through Mid-Atlantic Arts Foundation		32532	4,500		-
Pass-Through Mid-Atlantic Arts Foundation		32533	2,000		-
Pass-Through Mid-Atlantic Arts Foundation		34386	11,300		-
Pass-Through Mid-Atlantic Arts Foundation		34458	5,000		-
Total ALN 45.025 Promotion of the Arts Partnership Agreements			<u>1,637,192</u>		<u>-</u>
Promotion of the Humanities Division of Preservation and Access	45.149		279,239		-
Promotion of the Humanities Fellowships and Stipends	45.160		7,388		-
Promotion of the Humanities Research	45.161		79,363		-
Promotion of the Humanities Teaching and Learning Resources and Curriculum Development	45.162		9,131		-
Promotion of the Humanities Public Programs	45.164		77,378		-
Pass-Through National Writing Project		08MD032022BMPU	10,184		-
Total ALN 45.164 Promotion of the Humanities Public Programs			<u>87,562</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, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Promotion of the Humanities Office of Digital Humanities	45.169		20,421		-
Museum Grants for African American History and Culture	45.309				-
Pass-Through Museum Grants African-American History & Culture		none	63,259		-
Total ALN 45.309 Museum Grants for African American History and Culture			63,259		-
Grants to States	45.310		6,506,646		3,486,696
COVID-19 National Leadership Grants	45.312		94,683		-
Laura Bush 21st Century Librarian Program	45.313		72,191		-
Pass-Through University of Washington		UWSC121268PO79105	41,298		-
Total ALN 45.313 Laura Bush 21st Century Librarian Program			113,489		-
Contract/Other	45.999		13,308		-
Total National Endowment for the Humanities			8,923,167		3,486,696
National Science Foundation					
Engineering	47.041		487,996		109,693
Mathematical and Physical Sciences	47.049		59,925		18,575
Computer and Information Science and Engineering	47.070		70,414		-
Biological Sciences	47.074		93,675		-
Pass-Through Minnesota State University Moorhead		none	1,424		-
Total ALN 47.074 Biological Sciences			95,099		-
Social, Behavioral, and Economic Sciences	47.075		138,985		-
Education and Human Resources	47.076		1,893,254		6,250
Office of International Science and Engineering	47.079		-		-
Pass-Through Institute of Human Virology, Nigeria		Signed 04/22/2022	8,378		-
Total ALN 47.079 Office of International Science and Engineering			8,378		-
Contract/Other	47.999		167,219		-
Pass-Through American Society of Engineering		none	6,959		-
Total ALN 47.999 Contract/Other			174,178		-
Total National Science Foundation			2,928,229		134,518
Small Business Administration					
Small Business Development Centers	59.037		3,145,515		875,674
Veterans Outreach Program	59.044		291,356		-
State Trade Expansion	59.061		643,073		-
COVID-19 Shuttered Venue Operators Grant Program	59.075		609,050		-
Shuttered Venue Operators Grant Program			51,518		-
Total ALN 59.075 Shuttered Venue Operators Grant Program			660,568		-
Total Small Business Administration			4,740,512		875,674
U.S. Department of Veterans Affairs					
Veterans Domiciliary Care	64.008		3,196,318		2,999,061
Veterans State Nursing Home Care	64.015		15,794,108		-
VA Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces	64.034		32,327		-
Burial Expenses Allowance for Veterans	64.101		1,763,317		-
Vocational and Educational Counseling for Servicemembers and Veterans	64.125		360,507		-
Intergovernmental Personnel Act	64.1PA		31,419		-
Contract/Other	64.999		4,154,715		-
Pass-Through Baltimore Research & Education Foundation		P.O #19-124	187		-
Total ALN 64.999 Contract/Other			4,154,902		-
Total U.S. Department of Veterans Affairs			25,332,998		2,999,061
Environmental Protection Agency					
Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act	66.034		625,338		-
Diesel Emission Reduction Act (DERA) National Grants	66.039		-		-
Pass-Through Mid-Atlantic Regional Air Management Association		DL202000102	45,817		-
Total ALN 66.039 Diesel Emission Reduction Act (DERA) National Grants			45,817		-
Diesel Emissions Reduction Act (DERA) State Grants	66.040		349,961		-
Environmental Finance Center Grants	66.203		273,318		-
Pass-Through University of North Carolina at Chapel Hill		5116394	56,465		-
Pass-Through University of Southern Maine		EFCCA01	60,696		-
Total ALN 66.203 Environmental Finance Center Grants			390,479		-
Water Pollution Control State, Interstate, and Tribal Program Support	66.419		10,944		-
Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act	66.424		-		-
Pass-Through University of New Mexico		281131871D	58,629		-
Pass-Through University of North Carolina at Chapel Hill		5111289	3,789		-
Total ALN 66.424 Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act			62,418		-
Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooperative Agreements - Section 104(b)(3) of the Clean Water Act	66.436		-		-
Pass-Through University of New Mexico		281132871D	25,829		-
Total ALN 66.436 Survey, Studies, Investigations, Demonstrations, and Training Grants and Cooperative Agreements - Section 104(b)(3) of the Clean Water Act			25,829		-
Water Quality Management Planning	66.454		415,093		-
Clean Water State Revolving Fund Cluster					
Capitalization Grants for Clean Water State Revolving Funds	66.458		3,401,000		-
Total Clean Water State Revolving Fund Cluster				3,401,000	-
Nonpoint Source Implementation Grants	66.460		1,770,469		-
Regional Wetland Program Development Grants	66.461		103,312		-
Chesapeake Bay Program	66.466		8,095,838		-
Pass-Through Center for Watershed Protection		19092553	1,714		-
Pass-Through National Fish and Wildlife Foundation		060321072684	15,175		-
Pass-Through National Fish and Wildlife Foundation		69826	87,946		-
Total ALN 66.466 Chesapeake Bay Program			8,200,673		-
Beach Monitoring and Notification Program Implementation Grants	66.472		241,702		-
Performance Partnership Grants	66.605		10,625,654		-
Pollution Prevention Grants Program	66.708		76,703		-
Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements	66.802		284,581		-

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Underground Storage Tank (UST) Prevention, Detection, and Compliance Program	66.804		79,470		-
Leaking Underground Storage Tank Trust Fund Corrective Action Program	66.805		1,262,232		-
Superfund State and Indian Tribe Core Program Cooperative Agreements	66.809		29,950		-
State and Tribal Response Program Grants	66.817		291,375		-
Brownfields Multipurpose, Assessment, Revolving Loan Fund, and Cleanup Cooperative Agreements	66.818		7,605		-
Chesapeake Bay Program Implementation, Regulatory/Accountability and Monitoring Grants	66.964		1,358,937		-
Total Environmental Protection Agency			29,659,542		
U.S. Department of Energy					
State Energy Program	81.041		991,560		-
Weatherization Assistance for Low-Income Persons	81.042		3,220,883		518,184
Office of Science Financial Assistance Program	81.049		2,073		-
Conservation Research and Development	81.086		22,095		-
Epidemiology and Other Health Studies Financial Assistance Program	81.108				-
Pass-Through CPWR: The Center for Construction Research		1080-85/DE-FC01-06EH06004	53,893		-
Pass-Through CPWR: The Center for Construction Research		1080-80	63,722		-
Total ALN 81.108 Epidemiology and Other Health Studies Financial Assistance Program			117,615		-
State Energy Program Special Projects	81.119		8,131		-
Energy Efficiency and Conservation Block Grant Program (EECBG)	81.128		1,603,398		-
State Heating Oil and Propane Program	81.138		9,974		-
Intergovernmental Personnel Act	81.1PA		47,663		-
Contract/Other	81.999				-
Pass-Through Sandia National Laboratories Operations Sandia		22010065	130,000		-
Total ALN 81.999 Contract/Other			130,000		-
Total U.S. Department of Energy			6,153,392		518,184
U.S. Department of Education					
Adult Education - Basic Grants to States	84.002		10,008,399		-
Civil Rights Training and Advisory Services (also known as Equity Assistance Centers)	84.004				-
Pass-Through American Institutes for Research		0504500206	8,782		-
Total ALN 84.004 Civil Rights Training and Advisory Services (also known as Equity Assistance Centers)			8,782		-
Title I Grants to Local Educational Agencies	84.010		331,466,604		328,611,132
Migrant Education State Grant Program	84.011		442,979		442,979
Title I State Overseas Programs - Group Projects Abroad	84.021		2,095		-
<i>Special Ed (IDEA) Cluster</i>					
Special Education Grants to States	84.027		209,688,030		206,472,812
Pass-Through District of Columbia Government			411,394		-
Total ALN 84.027 Special Education Grants to States			210,099,424		206,472,812
Special Education Preschool Grants	84.173		6,607,957		6,607,957
Total <i>Special Ed (IDEA) Cluster</i>				216,707,381	
Higher Education Institutional Aid	84.031		33,318,513		-
Federal Family Education Loan (FFEL) Program	84.032		5,992,245		-
Perkins Loan Cancellations	84.037		194,312		-
<i>TRIO Cluster</i>					
TRIO Student Support Services	84.042		1,389,664		-
TRIO Talent Search	84.044		1,017,291		-
TRIO Upward Bound	84.047		4,039,300		-
TRIO Educational Opportunity Centers	84.066		335,908		-
TRIO McNair Post-Baccalaureate Achievement	84.217		729,184		-
Total <i>TRIO Cluster</i>				7,511,347	
Career and Technical Education -- Basic Grants to States	84.048		14,371,750		12,280,987
Career and Technical Education -- National Programs	84.051		260,499		260,499
Minority Science and Engineering Improvement	84.120		90,009		-
Rehabilitation Services Vocational Rehabilitation Grants to States	84.126		34,900,381		1,615,486
Pass-Through Vermont Agency of Human Services		41434	10,010		-
Pass-Through Vermont Agency of Human Services		42493	49,682		-
Total ALN 84.126 Rehabilitation Services Vocational Rehabilitation Grants to States			34,910,391		1,615,486
Rehabilitation Long-Term Training	84.129		234,209		-
Migrant Education College Assistance Migrant Program	84.149		405,452		-
Rehabilitation Services Client Assistance Program	84.161		323,566		-
Independent Living_State Grants	84.169		212,707		212,707
Rehabilitation Services Independent Living Services for Older Individuals Who are Blind	84.177		511,618		-
Special Education-Grants for Infants and Families	84.181		9,302,836		8,691,857
School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)	84.184		117,382		-
Pass-Through Prince Georges County Public Schools		21063427	49,210		-
Total ALN 84.184 School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)			166,592		-
Supported Employment Services for Individuals with the Most Significant Disabilities	84.187		538,969		-
Education for Homeless Children and Youth	84.196		1,675,865		1,675,865
Graduate Assistance in Areas of National Need	84.200		385,000		-
Javits Gifted and Talented Students Education	84.206		175,780		-
Innovative Approaches to Literacy, Full-service Community Schools; and <i>Promise Neighborhoods</i>	84.215		4,654,837		367,210
Centers for International Business Education	84.220		284,814		-
Language Resource Centers	84.229		138,588		-
Pass-Through Duke University		3410031	15,332		-
Total ALN 84.229 Language Resource Centers			153,920		-
American Indian Vocational Rehabilitation Services	84.250		85,676		-
Charter Schools	84.282		4,124,287		3,536,027
Twenty-First Century Community Learning Centers	84.287		14,355,939		13,006,742
Ready-To-Learn Television	84.295		-		-
Pass-Through Corporation for Public Broadcasting		RTL-2015-20 CC-ELM.MPT	49,971		-
Total ALN 84.295 Ready-To-Learn Television			49,971		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Education Research, Development and Dissemination	84.305		843,383		84,181
Pass-Through Arizona State University		ASUB00000319	8,644		-
Pass-Through Educational Testing Service		UMDE0305A	57,322		-
Pass-Through Stanford University		62437296137991	19,568		-
Pass-Through University of Virginia		GM10176P02210409	136,311		-
Total ALN 84.305 Education Research, Development and Dissemination			<u>1,065,228</u>		<u>84,181</u>
Special Education - State Personnel Development	84.323		37,330		37,330
Research in Special Education	84.324		604,606		274,259
Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325		845,794		-
Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	84.326		481,866		83,688
Pass-Through The University of Texas at Austin		UTA15000890	43,374		-
Pass-Through University of North Carolina at Charlotte		2021102806UMD	464,502		-
Total ALN 84.326 Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities			<u>989,542</u>		<u>83,688</u>
Gaining Early Awareness and Readiness for Undergraduate Programs	84.334		321,665		120,408
Child Care Access Means Parents in School	84.335		2,079		-
Teacher Quality Partnership Grants	84.336		2,775,152		-
Arts in Education	84.351		24,082		-
Rural Education	84.358		180,561		180,561
English Language Acquisition State Grants	84.365		12,818,878		12,007,245
Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)	84.367		25,580,167		22,747,119
Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)	84.368		222,385		222,385
Grants for State Assessments and Related Activities	84.369		9,051,694		857,127
Comprehensive Literacy Development	84.371		2,933,349		2,927,338
Statewide Longitudinal Data Systems	84.372		456,768		-
School Improvement Grants	84.377		810,443		810,443
Strengthening Minority-Serving Institutions	84.382		622,769		-
Transition Programs for Students with Intellectual Disabilities into Higher Education	84.407		15,059		-
Pass-Through University of Massachusetts Boston		POB001171339	15,059		-
Total ALN 84.407 Transition Programs for Students with Intellectual Disabilities into Higher Education			<u>15,059</u>		<u>-</u>
Education Innovation and Research (formerly Investing in Innovation (i3) Fund)	84.411		77,166		-
Pass-Through TERC		44127	77,166		-
Total ALN 84.411 Education Innovation and Research (formerly Investing in Innovation (i3) Fund)			<u>77,166</u>		<u>-</u>
Disability Innovation Fund (DIF)	84.421		1,318,857		676,127
Student Support and Academic Enrichment Program	84.424		19,453,734		19,113,191
COVID-19 Education Stabilization Fund:					
COVID-19 Governor's Emergency Education Relief Fund	84.425C		12,113,137		4,337,348
COVID-19 Education Stabilization Fund	84.425D		322,095,147		322,095,147
COVID-19 HEERF Student Aid Portion	84.425E		133,696,618		-
COVID-19 HEERF Institutional Portion	84.425F		65,154,342		-
COVID-19 HEERF Historically Black Colleges And Universities (HBCUs)	84.425J		51,715,891		-
COVID-19 HEERF Minority Serving Institutions (MSIs)	84.425L		416,430		-
COVID-19 Coronavirus Response And Relief Supplemental Appropriations Act, 2021 - Emergency Assistance For Non-Public Schools (CRRSA EANs)	84.425R		75,376,389		14,081,381
COVID-19 American Rescue Plan - Elementary and Secondary School Emergency Relief (ARP ESSER)	84.425U		337,185,967		330,455,404
COVID-19 American Rescue Plan - State Educational Agency (Outlying Areas) (ARP-OA SEA)	84.425W		437,707		437,707
Total ALN 84.425 Education Stabilization Fund			<u>998,191,628</u>		<u>671,406,987</u>
Disaster Recovery Assistance for Education	84.938		4,781		4,781
Contract/Other					
Pass-Through American Institutes for Research	84.999	GS-00F-347CA/ED-ESE-16-A-0002	6,618		-
Total ALN 84.999 Contract/Other			<u>6,618</u>		<u>-</u>
Total U.S. Department of Education			<u>1,771,387,361</u>		<u>1,315,335,430</u>
National Archives and Records Administration					
National Historical Publications and Records Grants	89.003		77,681		-
Total National Archives and Records Administration			<u>77,681</u>		<u>-</u>
Election Assistance Commission					
2018 HAVA Election Security Grants	90.404		880,808		-
Total Election Assistance Commission			<u>880,808</u>		<u>-</u>
U.S. Institute of Peace					
Contract/Other	91.999		6,363		-
Total U.S. Institute of Peace			<u>6,363</u>		<u>-</u>
U.S. Department of Health and Human Services					
Medical Reserve Corps Small Grant Program	93.008		-		-
Pass-Through National Association of County and City Health Officials		MRC 21 0110	1,000		-
Total ALN 93.008 Medical Reserve Corps Small Grant Program			<u>1,000</u>		<u>-</u>
COVID-19 National Organizations of State and Local Officials	93.011		7,130,190		5,471,022
Special Programs for the Aging, Title VII, Chapter 3, Programs for Prevention of Elder Abuse, Neglect, and Exploitation	93.041		75,758		45,656
COVID-19 Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals	93.042		35,375		10,497
Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals	93.042		325,155		202,412
Total ALN 93.042 Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals			<u>360,530</u>		<u>212,909</u>
COVID-19 Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services	93.043		40,904		-
Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services	93.043		477,526		321,012
Total ALN 93.043 Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services			<u>518,430</u>		<u>321,012</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, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
<i>Aging Cluster</i>					
COVID-19 Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers	93.044		2,422,365		1,081,803
Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers			6,203,669		5,368,858
Total ALN 93.044 Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers			8,626,034		6,450,661
COVID-19 Special Programs for the Aging, Title III, Part C, Nutrition Services	93.045		3,178,726		3,178,726
Special Programs for the Aging, Title III, Part C, Nutrition Services			14,529,325		10,388,220
Total ALN 93.045 Special Programs for the Aging, Title III, Part C, Nutrition Services			17,708,051		13,566,946
Nutrition Services Incentive Program	93.053		1,583,392		1,026,317
Total Aging Cluster				27,917,477	
COVID-19 Special Programs for the Aging, Title IV, and Title II, Discretionary Projects	93.048		512,019		390,163
Special Programs for the Aging, Title IV, and Title II, Discretionary Projects			332,961		193,637
Total ALN 93.048 Special Programs for the Aging, Title IV, and Title II, Discretionary Projects			844,980		583,800
COVID-19 National Family Caregiver Support, Title III, Part E	93.052		756,634		581,339
National Family Caregiver Support, Title III, Part E			3,063,686		3,005,588
Total ALN 93.052 National Family Caregiver Support, Title III, Part E			3,820,320		3,586,927
COVID-19 Global AIDS	93.067				
Pass-Through University of Washington		UWSC12825	51,465		-
Global AIDS			51,531,565		8,245,808
Pass-Through African Medical and Research Foundation		6NU2GGH002148-01-01-UMB-US-001	864,312		-
Pass-Through African Medical and Research Foundation		6NU2GGH002148-01-01-UMB-US-003	1,299,502		-
Pass-Through CIHEB-KENYA		CON-001/6 NU2GGH002332-01	467,506		-
Pass-Through CIHEB-KENYA		ENT-001/NU2GGH002335-01	789,730		-
Pass-Through Institute of Human Virology, Nigeria		Signed 05052022	164,498		-
Pass-Through Institute of Human Virology, Nigeria		PSA ACHIEVE-DAKUM	54,974		-
Total ALN 93.067 Global AIDS			55,223,552		8,245,808
Public Health Emergency Preparedness	93.069		10,274,914		10,274,914
Pass-Through Baltimore City Health Department		CO#40406 P556078	22,820		-
Total ALN 93.069 Public Health Emergency Preparedness			10,297,734		10,274,914
COVID-19 Environmental Public Health and Emergency Response	93.070		107,152		-
Environmental Public Health and Emergency Response			845,611		-
Total ALN 93.070 Environmental Public Health and Emergency Response			952,763		-
Medicare Enrollment Assistance Program	93.071		176,885		176,885
Lifespan Respite Care Program	93.072		4,604		-
COVID-19 Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance	93.079				
Pass-Through American Academy of Pediatrics		161035013-NCSMH	158,921		-
Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance			37,571		-
Total ALN 93.079 Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance			196,492		-
Guardianship Assistance	93.090		2,558,273		6,738
Affordable Care Act (ACA) Personal Responsibility Education Program	93.092		513,541		513,541
Pass-Through Baltimore City Health Department		40011-A	31,454		-
Total ALN 93.092 Affordable Care Act (ACA) Personal Responsibility Education Program			544,995		513,541
Food and Drug Administration Research	93.103		1,531,143		16,606
Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)	93.104		590,735		-
Pass-Through Tennessee Department of Mental Health and Substance Abuse Services		73336	53,353		-
Total ALN 93.104 Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)			644,088		-
Area Health Education Centers	93.107		494,598		335,966
Maternal and Child Health Federal Consolidated Programs	93.110		641,877		641,877
Pass-Through American Academy of Pediatrics		876100-UMD	300,854		-
Pass-Through Johns Hopkins University		2004441022	188,402		-
Pass-Through National Assembly on School-based Health		SBHA&UMB	129,758		-
Pass-Through National Assembly on School-based Health		Signed 02032022	317,648		-
Total ALN 93.110 Maternal and Child Health Federal Consolidated Programs			1,576,539		641,877
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	93.116		1,552,569		434,785
Oral Diseases and Disorders Research	93.121		1,000		-
Nurse Anesthetist Traineeship	93.124		53,990		-
Emergency Medical Services for Children	93.127		137,274		-
Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices	93.130		229,335		-
Injury Prevention and Control Research and State and Community Based Programs	93.136		7,459,890		515,127
Pass-Through Michigan Department of Health and Human Services		E20214503-00	83,394		4,400
Pass-Through Michigan Department of Health and Human Services		E20223680-00	112,977		-
Total ALN 93.136 Injury Prevention and Control Research and State and Community Based Programs			7,656,261		519,527
COVID-19 Community Programs to Improve Minority Health Grant Program	93.137				
Pass-Through Baltimore City Health Dept.		UMB 60290	18,946		-
Total ALN 93.137 Community Programs to Improve Minority Health Grant Program			18,946		-
COVID-19 HIV-Related Training and Technical Assistance	93.145				
Pass-Through University of Pittsburgh		CNVA00050178 (135293-5)	141		-
Pass-Through University of Pittsburgh		AWD00002368 (134508-2)	3,216		-
HIV-Related Training and Technical Assistance					
Pass-Through University of Pittsburgh		CNVA00050178 (136319-2)	273,140		-
Pass-Through University of Pittsburgh		CNVA00050178 (135565-2)	903		-
Pass-Through University of Pittsburgh		AWD00004438 (136390-2)	30,255		-
Total ALN 93.145 HIV-Related Training and Technical Assistance			307,655		-
Projects for Assistance in Transition from Homelessness (PATH)	93.150		1,109,896		1,109,896
COVID-19 Rural Health Research Centers	93.155		110,438		-
Rural Health Research Centers			64,872		-
Total ALN 93.155 Rural Health Research Centers			175,310		-

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Grants to States for Loan Repayment	93.165		464,812		464,812
Research Related to Deafness and Communication Disorders	93.173		50,870		-
Nursing Workforce Diversity	93.178		169,363		10,667
Disabilities Prevention	93.184		59,372		-
Childhood Lead Poisoning Prevention Projects, State and Local Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children	93.197		81,619		-
Family Planning Services	93.217		3,902,901		52,217
Research on Healthcare Costs, Quality and Outcomes	93.226				
Pass-Through Magee-Women's Research Institute and Foundation		4039MD	25,483		-
Total ALN 93.226 Research on Healthcare Costs, Quality and Outcomes			25,483		-
National Center on Sleep Disorders Research	93.233		50,752		-
Traumatic Brain Injury State Demonstration Grant Program	93.234		91,883		-
Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program	93.235		760,767		-
Grants to States to Support Oral Health Workforce Activities	93.236		392,091		-
Mental Health Research Grants	93.242		1,010,272		-
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		4,767,050		3,192,007
Pass-Through Community Connections		UMD63135SAMHSA	44,159		-
Pass-Through Community Human Services		5H79SP021726	10,369		-
Pass-Through Community Human Services		Signed 12-14-2021	14,945		-
Pass-Through Emory University		A378367	17,947		-
Pass-Through Stanford University		61971852-137362	45,659		-
Pass-Through Stanford University		Sub#61971852-137362	14,204		-
Pass-Through University of Nebraska Medical Center		34-5528-3000-101	109,241		-
Pass-Through University of Texas at Austin		UTA19-001378	31,535		-
Total ALN 93.243 Substance Abuse and Mental Health Services Projects of Regional and National Significance			5,055,109		3,192,007
Early Hearing Detection and Intervention	93.251		250,897		173,793
Poison Center Support and Enhancement Grant	93.253		315,930		-
Occupational Safety and Health Program	93.262		219,065		-
COVID-19 Immunization Cooperative Agreements	93.266		32,205,665		-
Immunization Cooperative Agreements			5,447,837		5,447,837
Pass-Through Baltimore City Health Department		FHC69CHS	17,239		-
Total ALN 93.266 Immunization Cooperative Agreements			37,670,741		5,447,837
Viral Hepatitis Prevention and Control	93.270		175,928		-
Alcohol Research Programs	93.273		48,251		-
Drug-Free Communities Support Program Grants	93.276		-		-
Pass-Through Cecil County, Maryland		2H79SP020558-06	64,097		-
Total ALN 93.276 Drug-Free Communities Support Program Grants			64,097		-
Drug Abuse and Addiction Research Programs	93.279		598,696		-
Pass-Through The Regents of the University of California - San Diego		704047	22,943		-
Total ALN 93.279 Drug Abuse and Addiction Research Programs			621,639		-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		466,603		-
Teenage Pregnancy Prevention Program	93.297		1,278,017		-
Pass-Through Healthy Teen Network		TP1AH000234	76,462		-
Total ALN 93.297 Teenage Pregnancy Prevention Program			1,354,479		-
Small Rural Hospital Improvement Grant Program	93.301		35,868		-
Minority Health and Health Disparities Research	93.307		16,977		-
Trans-NIH Research Support	93.310		1,583,832		132,377
Pass-Through Institute of Human Virology, Nigeria		Signed 03242022	107,229		-
Pass-Through Institute of Human Virology, Nigeria		Signed 09.13.2021	112,070		-
Total ALN 93.310 Trans-NIH Research Support			1,803,131		132,377
Early Hearing Detection and Intervention Information System (EHDHS) Surveillance Program	93.314		187,612		-
COVID-19 Emerging Infections Program	93.317		734,963		-
Emerging Infections Program			1,992,168		-
Total ALN 93.317 Emerging Infections Program			2,727,131		-
Protecting and Improving Health Globally: Building and Strengthening Public Health Impact, Systems, Capacity and Security	93.318		667,886		66,784
Pass-Through Institute of Human Virology, Nigeria		Signed 07-14-2022	16,434		-
Pass-Through Institute of Human Virology, Nigeria		signed 09-13-2021	12,065		-
Total ALN 93.318 Protecting and Improving Health Globally: Building and Strengthening Public Health Impact, Systems, Capacity and Security			696,385		66,784
CSELS Partnership: Strengthening Public Health Laboratories	93.322		125,000		-
COVID-19 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		334,599,434		-
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)			31,339		-
Total ALN 93.323 Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)			334,630,773		-
State Health Insurance Assistance Program	93.324		596,069		551,689
COVID-19 Behavioral Risk Factor Surveillance System	93.336		14,000		-
Behavioral Risk Factor Surveillance System			523,564		-
Total ALN 93.336 Behavioral Risk Factor Surveillance System			537,564		-
National Center for Advancing Translational Sciences	93.350		10,090		-
Pass-Through Johns Hopkins University School of Medicine		2004472996	383,085		-
Pass-Through Johns Hopkins University School of Medicine		2004552003	333,440		-
Total ALN 93.350 National Center for Advancing Translational Sciences			726,615		-
COVID-19 Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	93.354		1,204,203		-
Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response			15,672,588		-
Pass-Through Baltimore City Health Department		CO#40406 P556078	13,672		-
Pass-Through Baltimore City Health Department		CO# 39630	4,607		-
Total ALN 93.354 Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response			16,895,270		-
Public Health Informatics & Technology Workforce Development Program (The PHIT Workforce Development Program)	93.355		236,783		-
Nurse Education, Practice Quality and Retention Grants	93.359		256		-
Pass-Through Valley Health System		FG-20-007	32,282		-
Total ALN 93.359 Nurse Education, Practice Quality and Retention Grants			32,538		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
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YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Nursing Research	93.361		236,524		-
State Actions to Improve Oral Health Outcomes and Partner Actions to Improve Oral Health Outcomes	93.366		249,167		-
Flexible Funding Model - Infrastructure Development and Maintenance for State Manufactured Food Regulatory Programs	93.367		400,706		-
National and State Tobacco Control Program	93.387		1,826,957		-
Activities to Support State, Tribal, Local and Territorial (STLT) Health Department Response to Public Health or Healthcare Crises	93.391		580,450		-
Cancer Cause and Prevention Research	93.393		136,314		-
Cancer Biology Research	93.396				
Pass-Through Georgetown University		17-M28	4,750		-
Total ALN 93.396 Cancer Biology Research			4,750		-
Cancer Research Manpower	93.398		411,825		-
COVID-19 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421		13,138		-
Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health			342,560		-
Pass-Through American Hospital Association		87735 - Year 3	19,114		-
Pass-Through National Association of County and City		2021-072002	113,391		-
Total ALN 93.421 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health			488,203		-
1332 State Innovation Waivers	93.423		400,141,598		-
Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke	93.426		1,882,767		-
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		131,007		-
Every Student Succeeds Act/Preschool Development Grants	93.434		5,326,605		1,617,630
Pass-Through Kennedy Krieger Institute		Grant #: 210340	23,736		-
Pass-Through WicoCity Partnership Families&Children		90TP0064	87,370		-
Total ALN 93.434 Every Student Succeeds Act/Preschool Development Grants			5,437,711		1,617,630
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 Dept.		NU58DP006626-01-00	295,446		-
Total ALN 93.435 Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-			295,446		-
Food Safety and Security Monitoring Project	93.448		2,654		-
ACL Assistive Technology	93.464		590,887		-
Alzheimer's Disease Program Initiative (ADPI)	93.470		76,654		1,887
Title IV-E Prevention Program	93.472		586,308		-
Preventing Maternal Deaths: Supporting Maternal Mortality Review Committees	93.478		64,700		-
Community Health Workers for Public Health Response and Resilient Family Violence Prevention and Services/ Sexual Assault/Rape Crisis Services and Supports	93.497		7,423		7,423
COVID-19 Provider Relief Fund	93.498		320,442		-
COVID-19 Low Income Household Water Assistance Program	93.499		3,562,398		-
COVID-19 State Planning and Establishment Grants for the Affordable Care Act (ACA)'s Exchanges	93.525		490,891		-
COVID-19 MaryLee Allen Promoting Safe and Stable Families Program	93.556		599,286		-
MaryLee Allen Promoting Safe and Stable Families Program			5,911,938		83
Total ALN 93.556 MaryLee Allen Promoting Safe and Stable Families Program			6,511,224		83
Temporary Assistance for Needy Families	93.558		221,811,750		67,886
Pass-Through Tennessee Department of Mental Health and Substance Abuse Services		73337	26,919		-
Total ALN 93.558 Temporary Assistance for Needy Families			221,838,669		67,886
Child Support Enforcement	93.563		98,029,951		644,471
Refugee and Entrant Assistance State/Replacement Designee Administered Programs	93.566		14,657,843		-
Refugee and Entrant Assistance Voluntary Agency Programs	93.567		667,790		-
Low-income Home Energy Assistance	93.568		154,569,921		-
COVID-19 Community Services Block Grant	93.569		795,250		8,500
Community Services Block Grant			7,212,498		2,887,560
Total ALN 93.569 Community Services Block Grant			8,007,748		2,896,060
CCDF Cluster					
COVID-19 Child Care and Development Block Grant	93.575		4,113		-
Pass-Through Maryland Family Network		Disc2101MDCCDC6	6,368		-
Child Care and Development Block Grant			391,557,474		7,974,771
Pass-Through Maryland Family Network		G1501MDCCDF	176,024		-
Total ALN 93.575 Child Care and Development Block Grant			391,743,979		7,974,771
Child Care Mandatory and Matching Funds of the Child Care and Development Fund	93.596		54,416,540		141,971
Total CCDF Cluster				446,160,519	
Refugee and Entrant Assistance Discretionary Grants	93.576		1,850		-
Refugee and Entrant Assistance Wilson/Fish Program	93.583		404,999		-
State Court Improvement Program	93.586		257,867		-
Community-Based Child Abuse Prevention Grants	93.590		-		-
Pass-Through Maryland Family Network		XX01MDFRPG	30,196		-
Total ALN 93.590 Community-Based Child Abuse Prevention Grants			30,196		-
Chafee Education and Training Vouchers Program (ETV)	93.599		661,917		-
Head Start Cluster					
Head Start	93.600		66,672		66,672
Pass-Through Maryland Family Network		03CH3307	689,037		-
Total ALN 93.600 Head Start			755,709		66,672
Total Head Start Cluster				755,709	
Adoption and Legal Guardianship Incentive Payments	93.603		92,648		-
COVID-19 Developmental Disabilities Basic Support and Advocacy Grants	93.630		68,036		-
Developmental Disabilities Basic Support and Advocacy Grants			1,461,806		607,097
Total ALN 93.630 Developmental Disabilities Basic Support and Advocacy Grants			1,529,842		607,097
ACA-Transforming Clinical Practice Initiative: Practice Transformation Networks (PTNs)	93.638		-		-
Pass-Through New Jersey Innovation Institute		NJII380G15	62,383		-
Total ALN 93.638 ACA-Transforming Clinical Practice Initiative: Practice Transformation Networks (PTNs)			62,383		-

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing		Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
	Number	Pass-Through Entity Identifying Number			
Children's Justice Grants to States	93.643		295,575		284,547
Stephanie Tubbs Jones Child Welfare Services Program	93.645		3,776,145		-
Child Welfare Research Training or Demonstration	93.648		-		-
Pass-Through The Research Foundation of SUNY		none	52,616		-
Pass-Through The Research Foundation of SUNY		5-89268	21,801		-
Total ALN 93.648 Child Welfare Research Training or Demonstration			74,417		-
Foster Care Title IV-E	93.658		45,348,550		2,781,616
Adoption Assistance	93.659		20,249,775		98,026
COVID-19 Emergency Grants to Address Mental and Substance Use Disorders During COVID-19	93.665		2,230,508		-
Social Services Block Grant	93.667		52,543,819		-
Child Abuse and Neglect State Grants	93.669		1,087,278		143
Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services	93.671		2,063,760		2,049,986
John H. Chafee Foster Care Program for Successful Transition to Adulthood	93.674		4,059,755		-
Maternal Opioid Misuse Model	93.687		132,260		-
Mental and Behavioral Health Education and Training Grants	93.732		1,510,393		-
COVID-19 Elder Abuse Prevention Interventions Program	93.747		39,690		-
Elder Abuse Prevention Interventions Program			786,988		-
Total ALN 93.747 Elder Abuse Prevention Interventions Program			826,678		-
Children's Health Insurance Program	93.767		113,707,414		2,707,920
Medicaid Cluster					
State Medicaid Fraud Control Units	93.775		3,635,916		-
State Survey and Certification of Health Care Providers and Suppliers (Title XVII) Medicare	93.777		4,500,240		51,442
Medical Assistance Program	93.778		10,214,992,186		48,969,142
Total Medicaid Cluster				10,223,128,342	
Opioid STR	93.788		44,880,636		-
Money Follows the Person Rebalancing Demonstration	93.791		3,522,981		-
State Survey Certification of Health Care Providers and Suppliers (Title XIX) Medicaid	93.796		2,015,019		-
CARA Act - Comprehensive Addiction and Recovery Act of 2016	93.799		50,000		-
Organized Approaches to Increase Colorectal Cancer Screening	93.800		481,019		-
Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities	93.817		512,711		512,711
Cardiovascular Diseases Research	93.837		38,161		-
Blood Diseases and Resources Research	93.839		327,739		-
Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840		19,376		-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		590,217		-
Pass-Through Dartmouth Hitchcock		GC10392-02-DGR15331	55,257		-
Pass-Through University of Nevada School of Medicine		UNR-20-74	71,566		-
Total ALN 93.846 Arthritis, Musculoskeletal and Skin Diseases Research			717,040		-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		758,695		-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		232,730		-
Pass-Through University of Cincinnati		010785-136493	639		-
Total ALN 93.853 Extramural Research Programs in the Neurosciences and Neurological Disorders			233,369		-
Allergy and Infectious Diseases Research	93.855		970,266		-
Pass-Through Emory University		A353273	27,678		-
Pass-Through Johns Hopkins University School of Medicine		2004890956	2,025		-
Total ALN 93.855 Allergy and Infectious Diseases Research			999,969		-
National Collaboration to Support Health, Wellness and Academic Success of School-Age Children	93.858		11,987		-
Biomedical Research and Research Training	93.859		2,842,722		-
Pass-Through Johns Hopkins University		none	29,772		-
Total ALN 93.859 Biomedical Research and Research Training			2,872,494		-
Child Health and Human Development Extramural Research	93.865		124,292		-
Pass-Through Institute of Human Virology, Nigeria		5U01HD094658-04	36,296		-
Total ALN 93.859 Child Health and Human Development Extramural Research			160,588		-
Aging Research	93.866		396,185		-
COVID-19 Maternal, Infant and Early Childhood Home Visiting Grant	93.870		74,283		-
Maternal, Infant and Early Childhood Home Visiting Grant			5,996,118		-
Total ALN 93.870 Maternal, Infant and Early Childhood Home Visiting Grant			6,070,401		-
Antimicrobial Resistance Surveillance in Retail Food Specimens	93.876		139,055		-
Medical Library Assistance	93.879		5,122		4,324
Pass-Through University of Pittsburgh		AWD00003921 (135987-1)	205,205		-
Pass-Through University of Pittsburgh		AWD00005658 (137513-3)	1,056		-
Total ALN 93.879 Medical Library Assistance			211,383		4,324
Grants for Primary Care Training and Enhancement	93.884		150,647		-
National Bioterrorism Hospital Preparedness Program	93.889		5,296,729		4,257,164
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations	93.898		2,990,662		-
Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement	93.912		356,596		-
Grants to States for Operation of State Offices of Rural Health	93.913		173,821		13,575
COVID-19 HIV Emergency Relief Project Grants	93.914				
Pass-Through Associated Black Charities		HSAHA36919-01-00 (HSAHA36919)	6,856		-
HIV Emergency Relief Project Grants					
Pass-Through Associated Black Charities		20-2409	240,722		-
Pass-Through Associated Black Charities		19-2467	2		-
Pass-Through Associated Black Charities		19-2618-Part A	1,029		-
Pass-Through Associated Black Charities		19-2619-Part A	14,348		-
Pass-Through Associated Black Charities		20-2619-01A	3,824		-
Pass-Through Associated Black Charities		21 - Part A and MAI	56,603		-
Pass-Through Associated Black Charities		21-2441	483,515		-
Pass-Through Associated Black Charities		21-2619	433,231		-
Pass-Through Associated Black Charities		21-2619-N01	65,222		-
Pass-Through Associated Black Charities		21-PART A and MAI	171,646		-
Pass-Through Associated Black Charities		2619-004	20,352		-
Pass-Through Associated Black Charities		2619-01E	1,039		-
Pass-Through Associated Black Charities		H89HA00017-28-00	273,907		-
Pass-Through Associated Black Charities		PRECONT3000603	198,662		-
Pass-Through New Vision House of Hope, Inc.		19-2624-SUB-MAI	5,679		-
Pass-Through New Vision House of Hope, Inc.		OSA	970		-
Total ALN 93.914 HIV Emergency Relief Project Grants			1,977,607		-

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
COVID-19 HIV Care Formula Grants	93.917		22,673		-
HIV Care Formula Grants			<u>31,460,671</u>		<u>6,530,754</u>
Total ALN 93.917 HIV Care Formula Grants			<u>31,483,344</u>		<u>6,530,754</u>
HIV Prevention Activities Health Department Based	93.940		9,656,470		3,109,116
Pass-Through Baltimore City Health Department		CO#40172	96,704		-
Pass-Through Baltimore City Health Department		CO#40215	97,073		-
Pass-Through Baltimore City Health Department		Signed01252022	<u>58,105</u>		<u>-</u>
Total ALN 93.940 HIV Prevention Activities Health Department Based			9,908,352		3,109,116
Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs	93.946		214,792		15,277
COVID-19 Block Grants for Community Mental Health Services	93.958		992,659		-
Pass-Through DHHS-SAMSHA		1B09SM083977 01	<u>2,722,628</u>		<u>-</u>
Block Grants for Community Mental Health Services			<u>12,374,712</u>		<u>12,374,712</u>
Total ALN 93.958 Block Grants for Community Mental Health Services			16,089,999		12,374,712
COVID-19 Block Grants for Prevention and Treatment of Substance Abuse	93.959		3,864,943		-
Block Grants for Prevention and Treatment of Substance Abuse			<u>31,009,180</u>		<u>14,393,611</u>
Total ALN 93.959 Block Grants for Prevention and Treatment of Substance Abuse			34,874,123		14,393,611
PPHF Geriatric Education Centers	93.969		-		-
Pass-Through Johns Hopkins University School of Medicine		2004416653	<u>21,873</u>		<u>-</u>
Total ALN 93.969 PPHF Geriatric Education Centers			21,873		-
Sexually Transmitted Diseases (STD) Prevention and Control Grants	93.977		1,323,407		1,323,407
International Research and Research Training	93.989		762,297		56,612
Preventive Health and Health Services Block Grant	93.991		2,317,653		1,289,230
Maternal and Child Health Services Block Grant to the States	93.994		11,086,822		11,086,822
COVID-19 Contract/Other	93.999		101,904		-
Contract/Other			<u>4,089,870</u>		<u>-</u>
Pass-Through West Virginia Department of Health and Human Resources		0606-2848	47,091		-
Pass-Through Valley Behavioral Health		Start date 05/15/2021	20,628		-
Pass-Through The Danya Institute, Inc.		Signed 04.21.21	7,941		-
Pass-Through New York State Conference of Local Mental Hygiene Directors, Inc.		Task order #7	11,990		-
Pass-Through Georgia Dept of Behavioral Health Developmental Disabilities		Signed 12.21.20	<u>7,397</u>		<u>-</u>
Total ALN 93.999 Contract/Other			4,286,821		-
Total U.S. Department of Health and Human Services			<u>12,569,847,003</u>		<u>189,570,064</u>
Corporation for National and Community Service					
State Commissions	94.003		147,454		147,454
AmeriCorps	94.006		4,874,078		3,792,074
Program Development and Innovation Grants	94.007		222,791		222,791
Foster Grandparent Cluster					
Foster Grandparent Program	94.011		287,400		-
Total Foster Grandparent Cluster				<u>287,400</u>	<u>-</u>
Total Corporation for National and Community Service			<u>5,531,723</u>		<u>4,162,319</u>
Executive Office of the President					
High Intensity Drug Trafficking Areas Program	95.001		5,589,758		-
Total Executive Office of the President			<u>5,589,758</u>		<u>-</u>
Social Security Administration					
Disability Insurance/SSI Cluster					
Social Security Disability Insurance	96.001		37,324,009		-
Supplemental Security Income	96.006		4,669,467		168,718
Total Disability Insurance/SSI Cluster				<u>41,993,476</u>	<u>168,718</u>
Total Social Security Administration			<u>41,993,476</u>		<u>168,718</u>
U.S. Department of Homeland Security					
Non-Profit Security Program	97.008		3,139,157		2,533,987
Citizenship Education and Training	97.010		15,961		-
Boating Safety Financial Assistance	97.012		2,381,418		-
Community Assistance Program State Support Services Element (CAP-SSSE)	97.023		156,188		-
Flood Mitigation Assistance	97.029		149,687		133,035
COVID-19 Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036		450,305,594		140,578,708
Disaster Grants - Public Assistance (Presidentially Declared Disasters)			<u>3,048,650</u>		<u>1,352,800</u>
Total ALN 97.036 Disaster Grants - Public Assistance (Presidentially Declared Disasters)			453,354,244		141,931,508
Hazard Mitigation Grant	97.039		764,556		764,556
National Dam Safety Program	97.041		68,224		-
COVID-19 Emergency Management Performance Grants	97.042		872,648		60,637
Emergency Management Performance Grants			<u>4,720,239</u>		<u>4,170,192</u>
Total ALN 97.042 Emergency Management Performance Grants			5,592,887		4,230,829
COVID-19 Assistance to Firefighters Grant	97.044		29,380		-
Assistance to Firefighters Grant			<u>267,022</u>		<u>-</u>
Total ALN 97.044 Assistance to Firefighters Grant			296,402		-
Cooperating Technical Partners	97.045		1,065,529		-
BRIC: Building Resilient Infrastructure and Communities	97.047		296,098		253,833
COVID-19 Presidential Declared Disaster Assistance to Individuals and Households - Other Needs	97.050		7,759,313		-
Port Security Grant Program	97.056		1,429,072		-
COVID-19 Homeland Security Grant Program	97.067				
Pass-Through District of Columbia Government					
Homeland Security & Emergency Mgmt. Agency		20SHSP603-01	30,264		-
Pass-Through District of Columbia Government		21SHSP603-01	51,777		-
Pass-Through District of Columbia Government		21UASIG603-01	319,131		-
Pass-Through District of Columbia Government		20UASIG603-01	334,374		-
Homeland Security Grant Program			<u>9,323,881</u>		<u>2,284,883</u>
Pass-Through Howard County Government		EMW2019SSSS00064UASI	80,529		-
Total ALN 97.067 Homeland Security Grant Program			10,139,956		2,284,883
Rail and Transit Security Grant Program	97.075		707,365		-
Homeland Security Biowatch Program	97.091		51,129		-
Contract/Other	97.999		120,148		-
Pass-Through Johns Hopkins University Applied Physics		none	48,019		-
Total ALN 97.999 Contract/Other			168,167		-
Total U.S. Department of Homeland Security			<u>487,535,333</u>		<u>152,132,631</u>

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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. Agency for International Development					
USAID Foreign Assistance for Programs Overseas	98.001		559,369		-
Contract/Other	98.999				-
Pass-Through USAID (FHI)		AID-OAA-C-15-00001	420,316		-
Pass-Through Chemonics International		72062019D00009/72062020F00004	414,147		-
Pass-Through Chemonics International		72062019D00009/72062020F00002	118,281		-
Total ALN 98.999 Contract/Other			<u>952,744</u>		<u>-</u>
Total U.S. Agency for International Development			<u>1,512,113</u>		<u>-</u>
Student Financial Assistance Cluster:					
U.S. Department of Education					
Federal Supplemental Educational Opportunity Grants	84.007		9,612,595		-
Federal Work-Study Program	84.033		3,957,615		-
Federal Perkins Loan Program	84.038		28,741,203		-
Federal Pell Grant Program	84.063		194,069,309		-
Federal Direct Student Loans	84.268		736,669,534		-
Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	84.379		145,428		-
Postsecondary Education Scholarships for Veteran's Dependents	84.408		2,297		-
Total U.S. Department of Education			<u>973,197,981</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 Students	93.342		8,053,982		-
Nursing Student Loans	93.364		400,974		-
Total U.S. Department of Health and Human Services			<u>8,466,956</u>		<u>-</u>
Total Student Financial Assistance Cluster:					
				<u>981,664,937</u>	
Research and Development Cluster					
U.S. Department of Agriculture					
Agricultural Research Basic and Applied Research	10.001		4,325,697		-
Pass-Through GS1 US, Inc.		20062986	25,325		-
Pass-Through GS1 US, Inc.		22052613	14,100		-
Pass-Through GS1 US, Inc.		22052614	12,678		-
Pass-Through GS1 US, Inc.		22052615	15,047		-
Pass-Through GS1 US, Inc.		22052617	12,678		-
Pass-Through University of Arkansas for Medical Sciences		3647ANISHKIN	27,409		-
Total ALN 10.001 Agricultural Research Basic and Applied Research			<u>4,432,934</u>		<u>-</u>
Plant and Animal Disease, Pest Control, and Animal Care	10.025		1,351,359		-
Specialty Crop Block Grant Program - Farm Bill	10.170				-
Pass-Through Pennsylvania State University		6050UMFDA7029	3,551		-
Pass-Through Pennsylvania State University		6077UMCOP7030	3,959		-
Total ALN 10.170 Specialty Crop Block Grant Program - Farm Bill			<u>7,510</u>		<u>-</u>
Grants for Agricultural Research, Special Research Grants	10.200		1,032,198		642,100
Pass-Through Colorado State University		752659	19,061		-
Pass-Through Colorado State University		G9145002	55,867		-
Pass-Through Cornell University		674179910	12		-
Total ALN 10.200 Grants for Agricultural Research, Special Research Grants			<u>1,107,138</u>		<u>642,100</u>
Cooperative Forestry Research	10.202		348,196		-
Payments to Agricultural Experiment Stations Under the Hatch Act	10.203		3,448,947		-
Animal Health and Disease Research	10.207		28,366		-
Small Business Innovation Research	10.212				-
Pass-Through Live Advantage Bait, LLC		19101764	20,018		-
Total ALN 10.212 Small Business Innovation Research			<u>20,018</u>		<u>-</u>
Sustainable Agriculture Research and Education	10.215				-
Pass-Through Northeast SARE, The University of Vermont		ENE1614431064	108		-
Pass-Through Northeast SARE, The University of Vermont		GNE1919733243	4,084		-
Pass-Through Northeast SARE, The University of Vermont		GNE1920733243	10,974		-
Pass-Through Northeast SARE, The University of Vermont		GNE1922433243	2,360		-
Pass-Through Northeast SARE, The University of Vermont		GNE2023034268	7,951		-
Pass-Through Northeast SARE, The University of Vermont		GNE2023134268	7,991		-
Pass-Through Northeast SARE, The University of Vermont		GNE2023634268	10,238		-
Pass-Through Northeast SARE, The University of Vermont		GNE2125435383	4,931		-
Pass-Through Northeast SARE, The University of Vermont		GNE2125535383	1,267		-
Pass-Through Northeast SARE, The University of Vermont		GNE2125735383	15,000		-
Pass-Through Northeast SARE, The University of Vermont		GNE2126835383	3,143		-
Pass-Through Northeast SARE, The University of Vermont		LNE1534129994	19		-
Pass-Through Northeast SARE, The University of Vermont		LNE1836632231	4,020		-
Pass-Through Northeast SARE, The University of Vermont		LNE19392R33243	2,828		-
Pass-Through Northeast SARE, The University of Vermont		LNE20406R34268	40,251		-
Pass-Through Northeast SARE, The University of Vermont		LNE20408R34268	48,328		-
Pass-Through Northeast SARE, The University of Vermont		LNE22443AWD00000495	104		-
Pass-Through Northeast SARE, The University of Vermont		ONE2139235383	5,633		-
Pass-Through Northeast SARE, The University of Vermont		ONE2139735383	6,413		-
Pass-Through Pennsylvania State University		5846JMUJV2231	6,948		-
Total ALN 10.215 Sustainable Agriculture Research and Education			<u>182,591</u>		<u>-</u>
1890 Institution Capacity Building Grants	10.216		1,058,206		139,807
Higher Education - Institution Challenge Grants Program	10.217				-
Pass-Through University of California Davis		A211265S001	38,596		-
Total ALN 10.217 Higher Education - Institution Challenge Grants Program			<u>38,596</u>		<u>-</u>
Biotechnology Risk Assessment Research	10.219		542,453		64,073
Pass-Through North Carolina State University		2019019401	85,109		-
Total ALN 10.219 Biotechnology Risk Assessment Research			<u>627,562</u>		<u>64,073</u>

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
COVID-19 Extension Collaborative on Immunization Teaching & Engagement	10.229		-		-
Pass-Through Extension Foundation		EXC120212078	24,964		-
Extension Collaborative on Immunization Teaching & Engagement			-		-
Pass-Through Extension Foundation		EXC220212116	54,812		-
Total ALN 10.229 Extension Collaborative on Immunization Teaching & Engagement			<u>79,776</u>		<u>-</u>
Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	10.250		90,384		47,561
Consumer Data and Nutrition Research	10.253		14,060		-
Pass-Through Tufts University			50,863		-
Total ALN 10.253 Consumer Data and Nutrition Research			<u>64,923</u>		<u>-</u>
Integrated Programs	10.303		298,705		177,229
Homeland Security Agricultural	10.304		-		-
Pass-Through Cornell University		8028910773	465		-
Pass-Through Michigan State University		RC106556AE	9,384		-
Pass-Through Michigan State University		RC112910L	8,652		-
Total ALN 10.304 Homeland Security Agricultural			<u>18,501</u>		<u>-</u>
Organic Agriculture Research and Extension Initiative	10.307		-		-
Pass-Through University of Georgia		SUB00001843	133		-
Total ALN 10.307 Organic Agriculture Research and Extension Initiative			<u>133</u>		<u>-</u>
Specialty Crop Research Initiative	10.309		957,122		248,199
Pass-Through North Carolina State University		2017039814	38,668		-
Pass-Through North Carolina State University		2021251802	36,187		-
Pass-Through Pennsylvania State University		S002364USDA	47,615		-
Pass-Through University of Florida		SUB00002391	117,663		-
Total ALN 10.309 Specialty Crop Research Initiative			<u>1,197,255</u>		<u>248,199</u>
Agriculture and Food Research Initiative (AFRI)	10.310		7,540,949		2,013,120
Pass-Through University of Delaware		53286	6,041		-
Pass-Through University of Delaware		Unknown	23,727		-
Pass-Through Virginia Tech		54599119113	15,414		-
Pass-Through Auburn University		22AGECON205246UMD	583		-
Pass-Through Johns Hopkins University		20,186,700.327	31,343		-
Pass-Through Johns Hopkins University		2004929577	8,188		-
Pass-Through Kansas State University		A200118S001	310,616		-
Pass-Through North Carolina State University		2018053006	89,323		-
Pass-Through North Carolina State University		201915708	211,159		-
Pass-Through Pennsylvania State University		S000183USDA	135,869		-
Pass-Through University of Connecticut		409812	165,357		-
Pass-Through University of Delaware		40020	15,208		-
Pass-Through University of Minnesota		H008051402	11,687		-
Pass-Through University of Wisconsin-Madison		0000001740	60,651		-
Pass-Through Virginia Tech		42284619113	11,610		-
Total ALN 10.310 Agriculture and Food Research Initiative (AFRI)			<u>8,637,725</u>		<u>2,013,120</u>
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		29,405		-
Crop Protection and Pest Management Competitive Grants Program	10.329		425,143		40,345
Pass-Through Cornell University		8693511200	9,425		-
Total ALN 10.329 Crop Protection and Pest Management Competitive Grants Program			<u>434,568</u>		<u>40,345</u>
Risk Management Education Partnerships	10.460		10,640		-
Cooperative Extension Service	10.500		-		-
Pass-Through Northeast Center for Risk Management Education		UDR0000156	973		-
Pass-Through University of Delaware		57328	29,867		-
Total ALN 10.500 Cooperative Extension Service			<u>30,840</u>		<u>-</u>
Rural Health and Safety Education Competitive Grants Program	10.516		118,276		-
Centers of Excellence at 1890 Institutions	10.523		419,052		182,612
Forestry Research	10.652		104,669		-
Cooperative Forestry Assistance	10.664		53,613		-
Pass-Through Cleveland Metro Parks		21-02-017 PO 20210812	14,129		-
Total ALN 10.664 Cooperative Forestry Assistance			<u>67,742</u>		<u>-</u>
Urban and Community Forestry Program	10.675		5,086		-
International Forestry Programs	10.684		351,637		-
National Agricultural Library	10.700		39,928		-
Grant Program to Establish a Fund for Financing Water and Wastewater Projects	10.864		78,671		-
Soil and Water Conservation	10.902		256,297		42,330
Pass-Through University of Rhode Island		1725140008804010000	86,424		-
Total ALN 10.902 Soil and Water Conservation			<u>342,721</u>		<u>42,330</u>
Soil Survey	10.903		11,006		-
Environmental Quality Incentives Program	10.912		193,001		154,156
Pass-Through Indiana University of Pennsylvania		438	72,604		52,861
Pass-Through North Carolina State University		2021103301	76,794		-
Total ALN 10.912 Environmental Quality Incentives Program			<u>342,399</u>		<u>207,017</u>
Conservation Stewardship Program	10.924		75,149		-
Agricultural Statistics Reports	10.950		24,347		-
Technical Agricultural Assistance	10.960		60,328		-
Research and Development - Department of Agriculture	10.RD		1,146		-
Contract/Other	10.999		-		-
Pass-Through Optical Tomography		HSTGO15989	6,966		-
Total ALN 10.999 Contract/Other			<u>6,966</u>		<u>-</u>
Total U.S. Department of Agriculture			<u>25,593,401</u>		<u>3,804,393</u>

See accompanying Notes to Schedule of Expenditures of Federal Awards
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**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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 Commerce					
Integrated Ocean Observing System (IOOS)	11.012		754,137		548,820
Pass-Through University of Alaska Fairbanks		UAF 15-0070 PO488811	152		-
Total ALN 11.012 Integrated Ocean Observing System (IOOS)			754,289		548,820
Statistical, Research, and Methodology Assistance	11.016		26,814		-
Pass-Through Boston University		4500003718	185,492		-
Total ALN 11.016 Statistical, Research, and Methodology Assistance			212,306		-
Cluster Grants	11.020		163,543		38,000
NOAA Small Business Innovation Research (SBIR) Program	11.021		-		-
Pass-Through Pacific Hybreeid, Inc.		AR0210322	17,820		-
Total ALN 11.021 NOAA Small Business Innovation Research (SBIR) Program			17,820		-
COVID-19 Economic Adjustment Assistance	11.307		138,545		36,594
Sea Grant Support (UMCES)	11.417		2,962,616		1,138,819
Pass-Through Villanova University		NA180AAR4170074	14,522		-
Total ALN 11.417 Sea Grant Support			2,977,138		1,138,819
Coastal Zone Management Administration Awards	11.419		7,147		-
Pass-Through University of Delaware		NA180AR4170086	2,900		-
Total ALN 11.419 Coastal Zone Management Administration Awards			10,047		-
Coastal Zone Management Estuarine Research Reserves	11.420		89,946		-
Fisheries Development and Utilization Research and Development Grants					
and Cooperative Agreements Program	11.427		303,004		82,044
Climate and Atmospheric Research	11.431		882,839		-
Pass-Through University of Miami		OS00000764 SPC-002017	44,914		-
Total ALN 11.431 Climate and Atmospheric Research			927,753		-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		31,805,530		14,185,140
Pass-Through American Rivers		Award Ltr 2.21.18	1,220		-
Pass-Through Woods Hole Oceanographic Institute		A101316 NA140AR4320158	62,761		-
Total ALN 11.432 National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes			31,869,511		14,185,140
Environmental Sciences, Applications, Data, and Education	11.440		-		-
Pass-Through Riverside Technology		PROTECHUOFMDBEAUCHAMP	77,606		-
Total ALN 11.440 Environmental Sciences, Applications, Data, and Education			77,606		-
Chesapeake Bay Studies	11.457		268,950		-
Weather and Air Quality Research	11.459		438,515		132,320
Special Oceanic and Atmospheric Projects	11.460		970,237		105,265
Applied Meteorological Research	11.468		237,627		82,403
Unallied Science Program	11.472				
Pass-Through Rutgers University		#1639 AGREEMENT	31,221		-
Total ALN 11.472 Unallied Science Program			31,221		-
Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478		334,470		128,909
Pass-Through Louisiana State University		PO-0000032946	64,116		-
Total ALN 11.478 Center for Sponsored Coastal Ocean Research Coastal Ocean Program			398,586		128,909
Educational Partnership Program	11.481		2,862,880		1,704,288
Pass-Through Global Science and Technology Inc.		19020692	28		-
Pass-Through Global Science and Technology Inc.		PSAPROTECH20UMD01	59,451		-
Pass-Through Howard University		0008971-1000086022	49,422		-
Pass-Through Howard University		0008971-97283/9936-96490	108,881		-
Pass-Through Howard University		00089711000070197	167,964		-
Pass-Through Howard University		00089711000088505	16,862		-
Pass-Through Howard University		00089711000093532	102,566		-
Pass-Through Howard University		8971-66110/9935-97193	2,285		-
Pass-Through Howard University		8971-93530/9636-93531	69,299		-
Pass-Through Research Foundation of CUNY		CM00002163-00	24,957		-
Pass-Through Research Foundation of CUNY		CM00004250-00	57,539		-
Pass-Through Research Foundation of CUNY		CM00005530-00	85,013		-
Pass-Through Research Foundation of CUNY		CM00005750-00	42,576		-
Total ALN 11.481 Educational Partnership Program			3,649,723		1,704,288
Coral Reef Conservation Program	11.482				
Pass-Through National Fish & Wildlife Foundation		61013	2		-
Total ALN 11.482 Coral Reef Conservation Program			2		-
Measurement and Engineering Research and Standards	11.609		14,543,643		85,499
COVID-19 Arrangements for Interdisciplinary Research Infrastructure	11.619		-		-
Pass-Through The National Institute for Innovation in Manufacturing Biopharmaceuticals		70NANB21H085	272,331		-
Arrangements for Interdisciplinary Research Infrastructure					
Pass-Through The National Institute for Innovation in Manufacturing Biopharmaceuticals		PAA No. PC2.2-077	134,198		-
Pass-Through University of Delaware		UDR0000051ARP24	38,591		-
Total ALN 11.619 Arrangements for Interdisciplinary Research Infrastructure			445,120		-
Science, Technology, Business and/or Education Outreach	11.620		113,740		-
Research and Development - Department of Commerce	11.RD				
Pass-Through Prometheus Computing		S8134109CQ0044	83,688		-
Total ALN 11.RD Research and Development - Department of Commerce			83,688		-
Contract/Other	11.999		22,290		-
Pass-Through Texas A&M University		SA07432118	3,552		-
Total ALN 11.999 Contract/Other			25,842		-
Total U.S. Department of Commerce			58,748,402		18,268,101
U.S. Department of Defense					
Community Economic Adjustment Assistance for Responding to Threats to the Resilience of a Military Installation	12.003				
Pass-Through Charles County Government		OLDCCUNIVERSITYOFMD001	272,281		-
Total ALN 12.003 Community Economic Adjustment Assistance for Responding to Threats to the Resilience of a Military Installation			272,281		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
OnRampII	12.014		51,157		-
Collaborative Research and Development	12.114		419,375		-
Basic and Applied Scientific Research	12.300		10,289,694		747,681
Pass-Through Energetics Technology Center		02500001	235,480		-
Pass-Through Intelligent Automation Inc.		24701	7,057		-
Pass-Through Brandeis University		GR404182	75,249		-
Pass-Through Energetics Technology Center		02230002	241,593		-
Pass-Through George Mason University		E2045222	219,420		-
Pass-Through Indiana University		8718-UMB	72,209		-
Pass-Through Johns Hopkins University		2002692358	15,664		-
Pass-Through Johns Hopkins University		188435911	85,337		-
Pass-Through Purdue University		13000906025	11,444		-
Pass-Through The Research Foundation of SUNY Stony Brook University		86059/2/1156876	168,889		-
Pass-Through Rice University		R1A771	59,729		-
Pass-Through Rice University		R1A844	367,793		-
Pass-Through Universita' degli Studi di Padova		N00014-20-1-2579	12,337		-
Pass-Through University of Illinois at Urbana-Champaign		09996317890	343,276		-
Pass-Through University of Minnesota		A008174602	232,580		-
Pass-Through University of Pennsylvania		3885221	171,159		-
Pass-Through University of Southern California		115239289	139,434		-
Pass-Through University of Virginia		GG12136	70,840		-
Total ALN 12.300 Basic and Applied Scientific Research			<u>12,819,184</u>		<u>747,681</u>
Naval Medical Research and Development	12.340				
Pass-Through Henry M. Jackson Foundation		5467 HJF#66062	168,544		-
Total ALN 12.340 Naval Medical Research and Development			<u>168,544</u>		<u>-</u>
Department of Defense HIV/AIDS Prevention Program	12.350				
Pass-Through Intelligent Automation Inc.		25411	88,075		-
Pass-Through Intelligent Automation Inc.		25681	71,686		-
Pass-Through Intelligent Automation Inc.		25791	43,154		-
Total ALN 12.350 Department of Defense HIV/AIDS Prevention Program			<u>202,915</u>		<u>-</u>
Scientific Research - Combating Weapons of Mass Destruction	12.351		870,477		342,726
Pass-Through John Hopkins University		SB1341-14-CQ-0010	24,760		-
Pass-Through Universities Space Research Association		HDTRA11910033 05793-02	9,427		-
Pass-Through Virginia Polytechnic Institute & State University		45082619113	68,450		-
Pass-Through West Virginia University		20-658-UMD	266,198		-
Total ALN 12.351 Scientific Research - Combating Weapons of Mass Destruction			<u>1,239,312</u>		<u>342,726</u>
Military Construction, National Guard	12.400				
Pass-Through University of Alabama at Birmingham		000507860-SC005	32		-
Total ALN 12.400 Military Construction, National Guard			<u>32</u>		<u>-</u>
COVID-19 Military Medical Research and Development	12.420				
Pass-Through Henry M. Jackson Foundation		HJF AWARD #65543 SUB#5315	49,242		-
Military Medical Research and Development			6,185,718		1,398,396
Pass-Through 3DFlexible Inc		18092682	70,823		-
Pass-Through Advanced Rotorcraft Technology Inc.		210322001	113,553		-
Pass-Through Advanced Technology International		2021435	646,990		-
Pass-Through Cornerstone Research Group, Inc.		20210433	2,258		-
Pass-Through Cornerstone Research Group, Inc.		20210909	96,008		-
Pass-Through Energetics Technology Center		22104793	14,724		-
Pass-Through General Technical Services LLC		P00000829	144,534		-
Pass-Through National Center For Manufacturing Science		202096	69,167		-
Pass-Through Translume Inc.		20201101	816		-
Pass-Through Denver Health and Hospital Authority		FY20.794.002	32,284		-
Pass-Through Geneva Foundation		S1103202	7,886		-
Pass-Through Henry M. Jackson Foundation		5127	60,894		-
Pass-Through Henry M. Jackson Foundation		65543	757,357		-
Pass-Through Johns Hopkins University School of Hygiene&Pub Hlth		2001205111	350		-
Pass-Through Johns Hopkins University Homewood Division		2004178171	5,761		-
Pass-Through Medcura		PO2021069	62,426		-
Pass-Through National Trauma Institute		CNTR20-PROP-02	29,418		-
Pass-Through National Trauma Institute		CNTR20-VTE-03	18,643		-
Pass-Through Patient-Centered Outcomes Research Inst		PCS-1609-36512	2,787,706		-
Pass-Through The University of Texas Medical Branch at Galveston		198474501	257,636		-
Pass-Through University of New York at Buffalo		1164069 - 89354	8,148		-
Pass-Through University of Colorado		FY21.645.006	37,484		-
Pass-Through University of Kentucky		3200002782-20-104	4,996		-
Pass-Through University of Pittsburgh		CNVA00046641 (411447-2)	4,386		-
Pass-Through University of Pittsburgh		CNVA00056666(413614-23)	2,353		-
Total ALN 12.420 Military Medical Research and Development			<u>11,471,561</u>		<u>1,398,396</u>
Basic Scientific Research	12.431		21,344,020		7,003,408
Pass-Through DCS Corporation		APX02-N010/PO181934	3,725		-
Pass-Through Harvard University		1340625120002	79,608		-
Pass-Through International Computer Science Institute		279001	289,131		-
Pass-Through National Center For Manufacturing Science		201993130709	18,873		-
Pass-Through National Center For Manufacturing Science		201994130710	60,452		-
Pass-Through National Center For Manufacturing Science		201996130712	83,813		-
Pass-Through Princeton University		SUB0000082	203,636		-
Pass-Through University of North Carolina at Charlotte		2017084001UMD	3,683		-
Pass-Through University of South Florida		1255117500A	19,254		-
Total ALN 12.431 Basic Scientific Research			<u>22,106,195</u>		<u>7,003,408</u>
DOD, NDEP, DOTC-STEM Education Outreach Implementation	12.560		38,359		-
Centers for Academic Excellence	12.598		586,862		1,510
Economic Adjustment Assistance for State Governments	12.617		338,805		250,643
Basic, Applied, and Advanced Research in Science and Engineering	12.630		2,204,347		484,541
Pass-Through Johns Hopkins University		2002552040	30,717		-
Pass-Through Astrapi		NA	22,892		-
Pass-Through Johns Hopkins University		Unknown	25,500		-
Total ALN 12.630 Basic, Applied, and Advanced Research in Science and Engineering			<u>2,283,456</u>		<u>484,541</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, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Uniformed Services University Medical Research Projects	12.750				
Pass-Through Henry M. Jackson Foundation		4798	566,086		-
Pass-Through Henry M. Jackson Foundation		4945	58,835		-
Pass-Through Henry M. Jackson Foundation		Subaward # 5334	72,805		-
Total ALN 12.750 Uniformed Services University Medical Research Projects			<u>697,726</u>		<u>-</u>
Air Force Defense Research Sciences Program	12.800		9,584,165		2,347,882
Pass-Through Battelle Memorial Institute		0000854514	4,972		-
Pass-Through Innovoeering LLC		19010291	111,175		-
Pass-Through California Institute of Technology		S395090	783,556		-
Pass-Through Harvard University		1.30428E+12	207,911		-
Pass-Through National Institute of Aerospace		X20801008UMD	74,826		-
Pass-Through Stanford Research Institute		6.24553E+13	185,464		-
Pass-Through Stevens Institute of Technology		210286601	203,185		-
Pass-Through The Regents of The University of Colorado		1553898	49,266		-
Pass-Through The Regents Of The University of Colorado		1558269	92,183		-
Pass-Through Tulane University		TULSCC5567351819	124,734		-
Pass-Through University of California Los Angeles		1010GWA357	322,213		-
Pass-Through University of Chicago		AWD100482SUB00000154	271,409		-
Pass-Through University of Chicago		AWD102104	9,428		-
Pass-Through University of Colorado at Boulder		1560746 PO 1001542000	46,783		-
Pass-Through University of Illinois-Urbana/Champaign		092135-17077	83,393		-
Pass-Through University of New Mexico		271704871D	163,212		-
Pass-Through University of Washington		UWSC7986	145,230		-
Total ALN 12.800 Air Force Defense Research Sciences Program			<u>12,463,105</u>		<u>2,347,882</u>
Language Grant Program	12.900		824		-
Mathematical Sciences Grants	12.901		772,968		-
Information Security Grants	12.902		428,927		-
Cybersecurity Core Curriculum	12.905		112,619		-
COVID-19 Research and Technology Development	12.910				
Pass-Through Harvard University		168032-5116459	65,284		-
Research and Technology Development			2,438,636		423,754
Pass-Through CoolCAD Electronics		21010173	20,453		-
Pass-Through Intelligent Fiber Optic Systems Corporation		20126974	110,096		-
Pass-Through University of California Berkeley		00009967	77,029		-
Pass-Through Johns Hopkins University		2004686792	119,042		-
Pass-Through Johns Hopkins University		2005182091	21,196		-
Pass-Through The Regents of The University of Colorado		1559925	98,443		-
Pass-Through University of California Berkeley		00009967	237,778		-
Pass-Through University of California Los Angeles		0145GYA136	142,395		-
Total ALN 12.910 Research and Technology Development			<u>3,330,352</u>		<u>423,754</u>
Intergovernmental Personnel Act	12.IPA		303,392		-
COVID-19 Research and Technology Development	12.RD		1,373,205		120,486
Research and Development - Department of Defense			52,288,573		9,101,012
Pass-Through Advanced Rotorcraft Technology Inc.		211028001	11,596		-
Pass-Through Advanced Systems & Technologies Inc.		UMD21001	116,435		-
Pass-Through Advanced Systems & Technologies Inc.		UMDNAV050021	88,970		-
Pass-Through Alion Science and Technology		SCF1164207	53,113		-
Pass-Through Alion Science and Technology		SFP1160208	46,191		-
Pass-Through Alion Science and Technology		SFP1163407	21,681		-
Pass-Through AlphaSTAR		0701202101LF	17,931		-
Pass-Through Booz Allen and Hamilton Inc.		A8264	592,822		-
Pass-Through Carbon Solutions		21020672	42,321		-
Pass-Through Carnegie Mellon University		2000147SUB000	626,424		-
Pass-Through Columbia University		4GG008712	387,904		-
Pass-Through CREARE LLC		S740	19,892		-
Pass-Through CREARE LLC		S772	61,687		-
Pass-Through Duke University		3130638	76,641		-
Pass-Through Dymenso		211025	60,238		-
Pass-Through Dynaflow, Inc.		2M210061UMD	66,664		-
Pass-Through Enig Associates		0509UOFMD001	126		-
Pass-Through George Washington University		225C08	8,782		-
Pass-Through Griffiss Institute		SA10032021030333	20,577		-
Pass-Through Halma Therapeutics LLC		W81XWH20C0144. Signed 09.08.21	110,945		-
Pass-Through Humacyte		IRB#72949	71,691		-
Pass-Through Johns Hopkins University		2005162508	211,290		-
Pass-Through Johns Hopkins University Applied Physics		158224	19,370		-
Pass-Through Johns Hopkins University Applied Physics		173008	50,878		-
Pass-Through Kitware		K00303400501	211,133		-
Pass-Through Logistics Management Institute		PO2100638	89,390		-
Pass-Through National Center For Manufacturing Science		2.01995E+11	11,138		-
Pass-Through National Trauma Institute		CNTR20-HUMA-04	53,110		-
Pass-Through Navitas Advanced Solutions Group		18092785	117,228		-
Pass-Through North Carolina State University		2021115618	203,013		-
Pass-Through Northrop Grumman Corporation		5300002415	53,440		-
Pass-Through Northrop Grumman Corporation		5300002451	3,287		-
Pass-Through Northrop Grumman Corporation		5300009791	116,684		-
Pass-Through Northrop Grumman Corporation		8140000918	35		-
Pass-Through NSI Inc.		SMAAGCUMD	91		-
Pass-Through Potomac Research LLC		21126961	86,372		-
Pass-Through Saft America Inc.		PO0358172021SAFT0063	733,508		-
Pass-Through Solid Power		SCSP72101	71,870		-
Pass-Through SRI International		55026	53,935		-
Pass-Through SRI International		PO49198	619,966		-
Pass-Through Steel Founders' Society of America Inc.		SPI007	222,613		-
Pass-Through Stevens Institute of Technology		210307701	21,448		-
Pass-Through Translume Inc.		20042155	2,699		-
Pass-Through University of Iowa		S0183401	29,877		-
Pass-Through University of Northern Iowa		S6435B	208,418		-
Pass-Through University of Pennsylvania		578017	50,834		-
Pass-Through Vivacelle Bio, Inc.		VBI-S-01	3,780		-
Total ALN 12.RD Research and Development - Department of Defense			<u>59,409,816</u>		<u>9,221,498</u>

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Contract/Other	12.999		302,056		-
Pass-Through Georgia Tech		FA8075-18-D-0008 (BOA146) FA8	207,069		-
Pass-Through Georgia Tech		SUB-XX1535102	54,438		-
Pass-Through Booz Allen Hamilton Inc.		P11255	20,305		-
Pass-Through Engineering, Science and Technology Inc.		W9124Q20C0021	128,494		-
Total ALN 12.999 Contract/Other			712,362		-
Total U.S. Department of Defense			130,230,129		22,222,039
U.S. Department of Housing and Urban Development					
Research and Evaluations, Demonstrations, and Data Analysis and Utilization	14.536				
Pass-Through University of Idaho		CB5274-897886	30,033		-
Total ALN 14.536 Research and Evaluations, Demonstrations, and Data Analysis and Utilization			30,033		-
Total U.S. Department of Housing and Urban Development			30,033		-
U.S. Department of the Interior					
Safety and Environmental Research and Data Collection for Offshore Energy and Mineral Activities	15.441				
Pass-Through Texas A&M University		M2102643	27,442		-
Total ALN 15.441 Safety and Environmental Research and Data Collection for Offshore Energy and Mineral Activities			27,442		-
Water Desalination Research and Development	15.506				
Pass-Through City of Westminster		0001	91,161		-
Total ALN 15.506 Water Desalination Research and Development			91,161		-
Fish and Wildlife Management Assistance	15.608				
Pass-Through San Francisco State University		S17-0006	36,542		28,950
Total ALN 15.608 Fish and Wildlife Management Assistance			44,964		-
Total ALN 15.608 Fish and Wildlife Management Assistance			81,506		28,950
Sportfishing and Boating Safety Act	15.622		1,642		-
Coastal	15.630		158,596		-
Migratory Bird Joint Ventures	15.637		25,940		12,912
Cooperative Ecosystem Studies Units	15.678		140,564		-
Assistance to State Water Resources Research Institutes	15.805		123,409		18,875
Earthquake Hazards Program Assistance	15.807		57,204		-
U.S. Geological Survey Research and Data Collection	15.808				
Pass-Through Cooperative Ecosystem Studies Units		G14AC00072	339,772		-
Total ALN 15.808 U.S. Geological Survey Research and Data Collection			25,548		-
Total ALN 15.808 U.S. Geological Survey Research and Data Collection			365,320		-
National Land Remote Sensing Education Outreach and Research	15.815				
Pass-Through America View		G18AP00077	-		-
Total ALN 15.815 National Land Remote Sensing Education Outreach and Research			10,848		-
Total ALN 15.815 National Land Remote Sensing Education Outreach and Research			10,848		-
Cooperative Research and Training Programs – Resources of the National Park System	15.945				
Pass-Through Chesapeake Watershed Cooperative Ecosystem Studies		P20AC00806	255,714		675
Pass-Through Cooperative Ecosystem Studies Units		P17AC01034	26,328		-
Total ALN 15.945 Cooperative Research and Training Programs – Resources of the National Park System			189,826		-
Total ALN 15.945 Cooperative Research and Training Programs – Resources of the National Park System			471,868		675
National Park Service Conservation, Protection, Outreach, and Education	15.954		782		-
Research and Development - Department of the Interior	15.RD		2,181,017		1,803,271
Total U.S. Department of the Interior			3,737,299		1,864,683
U.S. Department of Justice					
OVW Research and Evaluation Program	16.026		101,060		24,847
Services for Trafficking Victims	16.320		976,878		393,929
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		1,688,562		576,462
Pass-Through Pennsylvania State University		S000482NJ	88,440		-
Pass-Through Rutgers, the State University of New Jersey		1573	1,843		-
Pass-Through University of Pittsburgh		CNVA00059288 (413841-3)	250,284		-
Total ALN 16.560 National Institute of Justice Research, Evaluation, and Development Project Grants			2,029,129		576,462
Criminal Justice Research and Development Graduate Research Fellowships	16.562		219,660		128,521
Edward Byrne Memorial Justice Assistance Grant Program	16.738				
Pass-Through Salisbury Police Department		22031215	3,714		-
Total ALN 16.738 Edward Byrne Memorial Justice Assistance Grant Program			3,714		-
Economic, High-Tech, and Cyber Crime Prevention	16.752		151,011		-
Second Chance Act Reentry Initiative	16.812				
Pass-Through Baltimore Police Department		4.00040841820422E+25	63,589		-
Pass-Through Mayor's Office of Neighborhood Safety and Engagement		UMB 51543	55,038		-
Pass-Through Mayor's Office of Children and Family Success		UMB 51543	7,805		-
Total ALN 16.812 Second Chance Act Reentry Initiative			126,432		-
Byrne Criminal Justice Innovation Program	16.817				
Pass-Through Greater Baybrook Alliance		21010299	33,891		-
Total ALN 16.817 Byrne Criminal Justice Innovation Program			33,891		-
Total U.S. Department of Justice			3,641,775		1,123,759
U.S. Department of Labor					
H-1B Job Training Grants	17.268				
Pass-Through Montgomery College		HG-30135-17-60-A-24	-		-
Total ALN 17.268 H-1B Job Training Grants			33,342		-
Total ALN 17.268 H-1B Job Training Grants			33,342		-
Total U.S. Department of Labor			33,342		-
U.S. Department of State					
Public Diplomacy Programs	19.040		15,756		12,357
International Programs to Support Democracy, Human Rights and Labor	19.345				
Pass-Through Center for the Cultivation of Technology		21031597	-		-
Pass-Through Psiphon		21031594	84,051		-
Total ALN 19.345 International Programs to Support Democracy, Human Rights and Labor			105,021		-
Total ALN 19.345 International Programs to Support Democracy, Human Rights and Labor			189,072		-
Trans-National Crime	19.705		326,496		129,377
AEECA/ESF PD Programs	19.900				
Pass-Through US Embassy in North Macedonia, Skopje		SMK80019GR0015	-		-
Total ALN 19.900 AEECA/ESF PD Programs			19,138		-
Total ALN 19.900 AEECA/ESF PD Programs			19,138		-
Total U.S. Department of State			550,462		141,734

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YEAR ENDED JUNE 30, 2022**

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					
Aviation Research Grants	20.108		118,142		-
Air Transportation Centers of Excellence	20.109		1,176,780		996,369
Highway Research and Development Program	20.200		291,246		-
Pass-Through The National Academies - Transportation		SUB0001015	24,247		-
Pass-Through Delaware Department of Transportation		1840	673,471		-
Pass-Through Metropolitan Washington Council of Governments		21058	1,072,920		-
Total ALN 20.200 Highway Research and Development Program			<u>2,061,884</u>		<u>-</u>
Highway Planning and Construction	20.205		135,005		-
Pass-Through Illinois Department of Transportation		0114940719001000	268,807		-
Pass-Through Michigan State University		RC113216UMD	2,665		-
Total ALN 20.205 Highway Planning and Construction			<u>406,477</u>		<u>-</u>
Highway Training and Education	20.215		157,713		-
Transportation Infrastructure Finance and Innovation Act (TIFIA) Program	20.223		-		-
Pass-Through Transportation and Development Louisiana		202SSDOTLT1000347	467,197		-
Total ALN 20.205 Transportation Infrastructure Finance and Innovation Act (TIFIA) Program			<u>467,197</u>		<u>-</u>
Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements	20.237		76,862		-
Railroad Research and Development	20.313		35,294		-
Railroad Safety Technology Grants	20.321		156,512		2,219
National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements	20.614		-		-
Pass-Through Impact Research, LLC		693JU920C000005	9,931		-
Total ALN 20.14 National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements			<u>9,931</u>		<u>-</u>
University Transportation Centers Program	20.701		116,692		-
PHMSA Pipeline Safety Research and Development "Other Transaction Agreements"	20.723		-		-
Pass-Through Institute of Gas Technology		S1105	8,466		-
Pass-Through Institute of Gas Technology		S940	77,369		-
Total ALN 20.723 PHMSA Pipeline Safety Research and Development "Other Transaction Agreements"			<u>85,835</u>		<u>-</u>
Great Ships Initiative	20.818		223,769		143,641
Ballast Water Treatment Technologies	20.819		3,600		-
Transportation Planning, Research and Education	20.931		1,993,086		1,028,891
COVID-19 Research and Development - Department of Transportation	20.RD		9,418		-
Research and Development - Department of Transportation			256,194		6,653
Pass-Through American Association of State Highway		180053	1,447,839		-
Pass-Through Battelle Memorial Institute		761413	16,858		-
Pass-Through Battelle Memorial Institute		US0010000802593	208,876		-
Total ALN 20.RD Research and Development - Department of Transportation			<u>1,939,185</u>		<u>6,653</u>
Total U.S. Department of Transportation			<u>9,028,959</u>		<u>2,177,773</u>
U.S. Department of the Treasury					
COVID-19 Coronavirus State And Local Fiscal Recovery Funds	21.027		-		-
Pass-Through City of Baltimore		SLFRP1967	34,740		-
Total ALN 21.027 Coronavirus State And Local Fiscal Recovery Funds			<u>34,740</u>		<u>-</u>
Total U.S. Department of the Treasury			<u>34,740</u>		<u>-</u>
Appalachian Regional Commission					
Appalachian Development Highway System	23.003		87,972		-
Total Appalachian Regional Commission			<u>87,972</u>		<u>-</u>
General Services Administration					
Disposal of Federal Surplus Real Property	39.002		-		-
Pass-Through Battelle Memorial Institute		US0010000784152	80,957		-
Total ALN 39.002 Disposal of Federal Surplus Real Property			<u>80,957</u>		<u>-</u>
Donation of Federal Surplus Personal Property	39.003		20		-
Total General Services Administration			<u>80,977</u>		<u>-</u>
National Aeronautics and Space Administration					
COVID-19 Science	43.001		51,812		-
Science			57,908,431		6,753,513
Pass-Through American University		31569A200109S01	16,555		-
Pass-Through Applied Geo Solutions		80NSSC19K15111UMD	81,149		-
Pass-Through Bay Area Environmental Research Institution		Agreement Dated 7/24/2020	34,878		-
Pass-Through Bay Area Environmental Research Institution		AGRMNT DTD 7/2/2019	29,001		-
Pass-Through Boston University		4500003544	29,797		-
Pass-Through Boston University		4500004069	18,238		-
Pass-Through Catholic University of America		362676 Sub 1	1,702		-
Pass-Through Catholic University of America		363990 Sub 1	2,109,550		-
Pass-Through City College of New York		CM00001813-00	30,985		-
Pass-Through Columbia University		1(GG015558)	84,078		-
Pass-Through Columbia University		SAPOG140662GG015641	9,813		-
Pass-Through Cornell University		13610520745	14,730		-
Pass-Through Dartmouth College		R1557	48,333		-
Pass-Through Eco Health Alliance		07-298-7096-52366	19,709		-
Pass-Through James Madison University		S21-024-01 Dept. 529172	3,938		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1364443	35,877		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1659140	14,295		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1659235	16,492		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1675450	17,258		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1523673	20,321		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1554416	20,217		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1572518	1,277		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1626757	5,600		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1635905	33,124		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1636240	15,196		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1647021	13,575		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1653426	11,187		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1653861	4,501		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1669907	495,533		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1670351	83,479		-

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1672922	19,310		-
Pass-Through Johns Hopkins Applied Physics Laboratory		161465	21,703		-
Pass-Through Johns Hopkins University		2004694298	3,131		-
Pass-Through Johns Hopkins University		2004923658	87,950		-
Pass-Through Johns Hopkins University Applied Physics		129175	49,797		-
Pass-Through Johns Hopkins University Applied Physics		159253	57,640		-
Pass-Through Johns Hopkins University Applied Physics		159785	23,224		-
Pass-Through Johns Hopkins University Applied Physics		173220	60,588		-
Pass-Through Johns Hopkins University Applied Physics		173370	5,055		-
Pass-Through Lowell Observatory		202181211	2,202		-
Pass-Through Nanochmics Inc.		21010408	36,427		-
Pass-Through National Center for Atmospheric Research		SUBAWD002078	28,506		-
Pass-Through National Institute of Aerospace		202060UMD	41,486		-
Pass-Through National Institute of Aerospace		302004BUMD	24,952		-
Pass-Through Northern Arizona University		100469901	165		-
Pass-Through Olin College of Engineering		80NSSC19K1585UMD1	62,034		-
Pass-Through Oregon State University		NS299A-B	146		-
Pass-Through Pennsylvania State University		5713UMNASA0690	583		-
Pass-Through Pennsylvania State University		S000850NASA	44,415		-
Pass-Through Pennsylvania State University		S000886NASA	19,269		-
Pass-Through Planetary Science Institute		1637UMD	37,475		-
Pass-Through Planetary Science Institute		1641UMD	16,571		-
Pass-Through Planetary Science Institute		1754UMD	20,229		-
Pass-Through Smithsonian Astrophysical Observatory		GOO-21006B	3,028		-
Pass-Through Smithsonian Astrophysical Observatory		GOO-21023A	24,249		-
Pass-Through Smithsonian Astrophysical Observatory		GOO-21076B	13,785		-
Pass-Through Smithsonian Astrophysical Observatory		GO1-22079X	3,511		-
Pass-Through Smithsonian Astrophysical Observatory		GO1-22111B	17,805		-
Pass-Through Smithsonian Astrophysical Observatory		GO2-23011A	211		-
Pass-Through Smithsonian Astrophysical Observatory		GO7-18082A	7,675		-
Pass-Through Smithsonian Astrophysical Observatory		GO8-19010A	11,692		-
Pass-Through Smithsonian Astrophysical Observatory		GO9-20015B	7,431		-
Pass-Through Smithsonian Astrophysical Observatory		GO9-20022A	16,482		-
Pass-Through Smithsonian Astrophysical Observatory		GO9-20024A	59,540		-
Pass-Through Smithsonian Astrophysical Observatory		SV3-83018	31,674		-
Pass-Through Southwest Research Institute		M99003PK	25,337		-
Pass-Through Southwest Research Institute		N99017DS	49,025		-
Pass-Through Space Science Institute		01007	18,492		-
Pass-Through Space Telescope Science Institute		HST-GO-14159.001-A	2,070		-
Pass-Through Space Telescope Science Institute		HST-GO-14671.001-A	3,380		-
Pass-Through Space Telescope Science Institute		HST-GO-15129.007-A	7,364		-
Pass-Through Space Telescope Science Institute		HST-GO-15833.012-A	13,171		-
Pass-Through Space Telescope Science Institute		HST-GO-15889.035-A	6,139		-
Pass-Through Space Telescope Science Institute		HSTAR16135001A	57,023		-
Pass-Through Space Telescope Science Institute		HSTGO15135005A	283		-
Pass-Through Space Telescope Science Institute		HSTGO15357006A	9,426		-
Pass-Through Space Telescope Science Institute		HSTGO15915002A	54,794		-
Pass-Through Space Telescope Science Institute		HSTGO15965003A	6,298		-
Pass-Through Space Telescope Science Institute		HSTGO15978006A	12,423		-
Pass-Through Space Telescope Science Institute		HSTGO16044003A	4,888		-
Pass-Through Space Telescope Science Institute		HSTGO16067001A	6,016		-
Pass-Through Space Telescope Science Institute		HSTGO16089001A	15,069		-
Pass-Through Space Telescope Science Institute		HSTGO16701007A	1,611		-
Pass-Through Texas Tech University		21M001	10,777		-
Pass-Through The Catholic University of America		363991SUB1	1,123,638		-
Pass-Through The Regents of The University of Colorado		1558713	22,568		-
Pass-Through The Regents of The University of Colorado		1559618	2,980		-
Pass-Through The University of Texas at Austin		UTA20000815	22,896		-
Pass-Through Universities Space Research Association		07-0064 Arendt	2,291		-
Pass-Through Universities Space Research Association		070063	8,268		-
Pass-Through Universities Space Research Association		080066	24,673		-
Pass-Through Universities Space Research Association		080136	62,969		-
Pass-Through Universities Space Research Association		080238	33,914		-
Pass-Through Universities Space Research Association		090070	36,246		-
Pass-Through Universities Space Research Association		090078	423		-
Pass-Through Universities Space Research Association		090143	4,709		-
Pass-Through Universities Space Research Association		SOF060173	32,969		-
Pass-Through Universities Space Research Association		SOF070077	294,371		-
Pass-Through Universities Space Research Association		SOF070126	32,864		-
Pass-Through University Corporation for Atmospheric Research		SUBAWD002077	40,341		-
Pass-Through University of Alabama, Tuscaloosa		A21-0187-5002	75,525		-
Pass-Through University of Alaska Fairbanks		UA210038	8,420		-
Pass-Through University of Arizona		409534	2,607		-
Pass-Through University of Arizona		491741	47,838		-
Pass-Through University of Arizona		531782	27,905		-
Pass-Through University of California Berkeley		00007550	37,781		-
Pass-Through University of California Berkeley		00010129	24,58		-
Pass-Through University of California Los Angeles		2095GXAO18	27,168		-
Pass-Through University of Chicago		AWD066828-01-PR	7,960		-
Pass-Through University of Chicago		AWD06886301PR	29,094		-
Pass-Through University of Florida		SUB00002270	22,303		-
Pass-Through University of Idaho		NR5893691638	9,001		-
Pass-Through University of Michigan		3004596035	1,665		-

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Pass-Through University of Michigan		SUBK00008051 PO3005162377	34,461		-
Pass-Through University of Michigan		SUBK00011235	44		-
Pass-Through University of Minnesota		A007249102	15,428		-
Pass-Through University of Nevada Reno		UNR1818	202		-
Pass-Through University of New Hampshire		L0078	24,330		-
Pass-Through University of New Hampshire		L0102	31,456		-
Pass-Through University of North Dakota		UND0025763	12,016		-
Pass-Through University of Washington		UWSC10434	43,858		-
Pass-Through University of Washington		UWSC13333	4,664		-
Pass-Through University of Wisconsin-Madison		000000949	118,135		-
Pass-Through Virginia Tech		42668919113	2,981		-
Pass-Through West Virginia University Research Corporation		21-380-UMBC MM000412118	12,383		-
Pass-Through Woods Hole Oceanographic Institute		A101509	64,865		-
Total ALN 43.001 Science			<u>64,854,826</u>		<u>6,753,513</u>
Aeronautics	43.002		180,950		79,710
Pass-Through Universities Space Research Administration		Unknown	372		-
Pass-Through Universities Space Research Administration		Unknown	1,081,966		-
Pass-Through Ohio State University		60061598GR101813	86,530		-
Total ALN 43.002 Aeronautics			<u>1,349,818</u>		<u>79,710</u>
Exploration	43.003		24,825,370		15,047,531
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1670216	25,000		-
Pass-Through National Space Grant Foundation		M2MXHAB202101	25,422		-
Pass-Through National Space Grant Foundation		M2MXHAB202102	13,005		-
Pass-Through National Space Grant Foundation		M2MXHAB202206	10,431		-
Pass-Through National Space Grant Foundation		XHAB202001	1,046		-
Total ALN 43.002 Exploration			<u>24,900,274</u>		<u>15,047,531</u>
Aeronautics, Recovery Act	43.004		22,446		-
Science, Recovery Act	43.006		36,062		-
Space Operations	43.007		331,076		-
Office of Stem Engagement (OSTEM)	43.008		28,937		-
Pass-Through National Institute of Aerospace		302004UUMD	28,813		-
Pass-Through National Institute of Aerospace		401019UUMD	3,019		-
Pass-Through University of the District of Columbia		UDC32B20MIFROUND3	39,539		-
Total ALN 43.008 Office of Stem Engagement (OSTEM)			<u>100,308</u>		<u>-</u>
Safety, Security and Mission Services	43.009		1,016,407		100,000
Space Technology	43.012		217,256		-
Pass-Through Southwest Research Institute		K99061JRG	24,946		-
Total ALN 43.012 Space Technology			<u>242,202</u>		<u>-</u>
Research and Development - National Aeronautics and Space Administration	43.RD		996,474		47,172
Pass-Through Birmose Corporation of America		58021	9,852		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1639169	42,995		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1650546	41,481		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1657818	157,521		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1660266	2,689		-
Pass-Through Jet Propulsion Laboratory - NASA/CalTech		1662562	6,202		-
Pass-Through Johns Hopkins University Applied Physics		130736	94,513		-
Pass-Through Johns Hopkins University Applied Physics		132347	19,500		-
Pass-Through Maryland Space Grant Consortium		2004601353	2,245		-
Pass-Through National Institute of Aerospace		202019UUMD	131,904		-
Pass-Through National Institute of Aerospace		302004AUUMD	75,773		-
Pass-Through National Institute of Aerospace		302004BUUMD	44,546		-
Pass-Through National Institute of Aerospace		401019UUMD	46,355		-
Pass-Through National Institute of Aerospace		602020	61,601		-
Pass-Through Princeton Plasma Physics Laboratory op.		S210921	509		-
Pass-Through SETI Institute		SC - 3668	12,545		-
Pass-Through Space Telescope Science Institute		52556	18,945		-
Pass-Through Space Telescope Science Institute		HSTGO15089001A	22,998		-
Pass-Through Space Telescope Science Institute		HSTGO15110006A	8,463		-
Pass-Through Space Telescope Science Institute		HSTGO15372005A	7,387		-
Pass-Through Space Telescope Science Institute		HSTGO15421001A	34,896		-
Pass-Through Space Telescope Science Institute		HSTGO15455001A	19,797		-
Pass-Through Space Telescope Science Institute		HSTGO15662001A	28,838		-
Pass-Through Space Telescope Science Institute		HSTGO15690011A	38,436		-
Pass-Through Space Telescope Science Institute		HSTGO15969001A	51,914		-
Pass-Through Space Telescope Science Institute		HSTGO16307001A	5,404		-
Pass-Through Space Telescope Science Institute		HSTGO16418005A	1,329		-
Pass-Through Space Telescope Science Institute		HSTGO16496002A	1,863		-
Pass-Through Space Telescope Science Institute		JWSTERS01288003A	77,832		-
Pass-Through Space Telescope Science Institute		JWSTERS01335003A	18,428		-
Pass-Through Space Telescope Science Institute		JWSTERS01366017A	23,140		-
Pass-Through The Regents of The University of Colorado		1001319513	45,340		-
Pass-Through Universities Space Research Association		080225	36,351		-
Pass-Through University of Arizona		569369	18,573		-
Total ALN 43.RD Research and Development - National Aeronautics and Space Administration			<u>2,206,639</u>		<u>47,172</u>
Total National Aeronautics and Space Administration			<u>95,060,058</u>		<u>22,027,926</u>
National Endowment for the Humanities					
Promotion of the Arts Grants to Organizations and Individuals	45.024		9,813		-
Promotion of the Humanities Division of Preservation and Access	45.149		10,516		1,030
Promotion of the Humanities Fellowships and Stipends	45.160		43,295		-
Promotion of the Humanities Research	45.161		149,110		-
Promotion of the Humanities Professional Development	45.163		60,602		-
Promotion of the Humanities Office of Digital Humanities	45.169		160,714		-
National Leadership Grants	45.312		142,948		-
Laura Bush 21st Century Librarian Program	45.313		124,849		-
Contract/Other	45.999		-		-
Pass-Through IMLS		Unknown	12,005		-
Total ALN 45.999 Contract/Other			<u>12,005</u>		<u>-</u>
Total National Endowment for the Humanities			<u>713,852</u>		<u>1,030</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, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
National Science Foundation					
COVID-19 Engineering	47.041		319,320		-
Engineering			12,469,402		2,239,950
Pass-Through Ascribe Bioscience		20021040	72,859		-
Pass-Through Colorado State University		G-00973-8	16,947		-
Pass-Through Delaware State University - GM		19-070HEH	63,092		-
Pass-Through Drexel University		920061	123,317		-
Pass-Through Florida International University		000201	72,418		-
Pass-Through Johns Hopkins University		2001929027	46,703		-
Pass-Through Johns Hopkins University		2004614245	40,958		-
Pass-Through Lasarus Clinic and Research Center		2030629	52,301		-
Pass-Through The Regents of the University of California- Riverside		S-001533	4,188		-
Pass-Through University of California Davis		A203774S001	73,711		-
Pass-Through University of Cincinnati		013652-00002	20,590		-
Pass-Through University of Washington		UWSC12985	185,848		-
Pass-Through Virginia Polytechnic Institute & State University		48000719113	4,444		-
Total ALN 47.041 Engineering			<u>13,566,098</u>		<u>2,239,950</u>
COVID-19 Mathematical and Physical Sciences	47.049		34,975		-
Mathematical and Physical Sciences			15,541,535		456,393
Pass-Through Brown University		00001235	10,365		-
Pass-Through Carnegie Mellon University		1122732-434781	9,000		-
Pass-Through Cornell University		794320667	43,430		-
Pass-Through Cornell University		NA180AR4170096	29		-
Pass-Through Duke University		3332456	71,338		-
Pass-Through Harvard University		1243815119995	31,050		-
Pass-Through Harvard University		1341495113570	161,080		-
Pass-Through Howard University		9756-14978/95300-1009468	15,866		-
Pass-Through Massachusetts Institute of Technology		S4790	46,729		-
Pass-Through Michigan Technological University		191200623	26,238		-
Pass-Through National Radio Astronomy Observatory		366836	4,971		-
Pass-Through National Radio Astronomy Observatory		370484	21,452		-
Pass-Through National Radio Astronomy Observatory		373600	21,623		-
Pass-Through Planetary Science Institute		1658UMD	34,423		-
Pass-Through The Catholic University of America		362827SUB1	8,109		-
Pass-Through University of Washington		UWSC13134 BPO58531	33,024		-
Pass-Through University of Washington		UWSC13134 BPO63517	17,053		-
Pass-Through University of California Santa Barbara		KK1925	110,513		-
Pass-Through University of Chicago		AWD06656301PRSUB00000107	60,594		-
Pass-Through University of Delaware		55872	157,698		-
Pass-Through University of Massachusetts Amherst		20015919A	236,549		-
Pass-Through University of Miami		SPC001801OS00000507	8,111		-
Pass-Through University of Texas at Austin		UTA19-000870	43,312		-
Pass-Through University of Wisconsin Madison		0000000845	168,917		-
Pass-Through University of Wisconsin-Madison		0000000188	83,716		-
Pass-Through University of Wisconsin-Madison		0000000299	649,398		-
Total ALN 47.049 Mathematical and Physical Sciences			<u>17,651,100</u>		<u>456,393</u>
Geosciences	47.050		7,567,448		617,151
Pass-Through Columbia University		OCE1450528	33,824		-
Pass-Through NSF International		EAR2020029	136,953		-
Pass-Through Research Foundation for SUNY - Environment		R1281995	20,088		-
Pass-Through Southern California Earthquake Center		118063127	83,619		-
Pass-Through University Corporation for Atmospheric R		SUBAWD002940 P2018582	108,718		-
Pass-Through University of Arizona		337901	78,924		-
Total ALN 47.050 Geosciences			<u>8,029,574</u>		<u>617,151</u>
COVID-19 Computer and Information Science and Engineering	47.070		145,320		-
Computer and Information Science and Engineering			12,818,235		263,335
Pass-Through Carnegie Mellon University		1122668409108	7,855		-
Pass-Through College of Charleston		521373UM	2,174		-
Pass-Through Computing Research Association		2021CIFUMaryland24	111,915		-
Pass-Through Computing Research Association		2021CIFUMaryland57	66,942		-
Pass-Through Dartmouth College		R1384	292,137		-
Pass-Through Dartmouth College		R1492	2,065		-
Pass-Through Rochester Institute of Technology		3185602	15,878		-
Pass-Through The WrightGuard Innovations Corp.		22073248	15,500		-
Pass-Through University of California Irvine		20201263	151,082		-
Pass-Through University of North Carolina		OAC-1916454	32,056		-
Pass-Through Virginia Polytechnic Institute & State University		48005319113	128,038		-
Total ALN 47.070 Computer and Information Science and Engineering			<u>13,789,197</u>		<u>263,335</u>
COVID-19 Biological Sciences	47.074		137,668		-
Biological Sciences			9,256,313		815,991
Pass-Through Cary Institute of Ecosystem Studies		3392/200201968	31,423		-
Pass-Through Columbia University		2,220,863	26,447		-
Pass-Through Marine Biological Laboratory		1,637,459	23,955		-
Pass-Through Saint Bonaventure University		000985-00001	42,574		-
Pass-Through University of Kentucky		3200003509-21-080	20,870		-
Pass-Through University of Tennessee		A160172S003	21,040		-
Pass-Through Virginia Tech		1856450 480146-19913	58,455		-
Total ALN 47.074 Biological Sciences			<u>9,618,745</u>		<u>815,991</u>
COVID-19 Social, Behavioral, and Economic Sciences	47.075		100,556		-
Pass-Through Bentley University		231702	3,582		-

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
Social, Behavioral, and Economic Sciences			3,950,265		492,604
Pass-Through American University		31588-02	4,894		-
Pass-Through Arizona State University		ASUB00000666	5,431		-
Pass-Through Duke University		333-2369	3,062		-
Pass-Through George Mason University		E2054431	9,091		-
Pass-Through Johns Hopkins University		2003159920	2,448		-
Pass-Through Northeastern University		50293578050	78,326		-
Pass-Through University of Illinois at Chicago		17702	12,011		-
Pass-Through University of Montana		PG19-66297-03	30,214		-
Pass-Through University of Pennsylvania		4763190	31,070		-
Pass-Through Westat Corporation		681500S001	46,561		-
Total ALN 47.075 Social, Behavioral, and Economic Sciences			<u>4,277,511</u>		<u>492,604</u>
Education and Human Resources	47.076		14,082,976		1,258,146
Pass-Through American Educational Research Association		19123538	10,416		-
Pass-Through California State University San Marcos		9224085026UMD	62,769		-
Pass-Through Harford Community College (Inc)		16434981002	67		-
Pass-Through Iowa State University		019533A	76,574		-
Pass-Through Teachers Development Group		206002F	7,935		-
Pass-Through UC Berkeley		00010200 - PO# BB01299747	66,717		-
Pass-Through University of California San Diego		124559513S9002520	11,893		-
Pass-Through University of Pennsylvania		582251	46,286		-
Pass-Through University of Rhode Island		000848104012021	6,737		-
Pass-Through University of Wisconsin-Madison		856K505	30,553		-
Pass-Through University of Wyoming		1003846UMD	46,496		-
Pass-Through Utah State University		201676599	140,327		-
Pass-Through Utah State University		202933693	36,269		-
Pass-Through Western Michigan University		WMU905301	28,164		-
Total ALN 47.076 Education and Human Resources			<u>14,654,179</u>		<u>1,258,146</u>
Polar Programs	47.078		157,656		-
Pass-Through University of Wisconsin-Madison		1307	578,252		-
Total ALN 47.078 Polar Programs			<u>735,908</u>		<u>-</u>
COVID-19 Office of International Science and Engineering	47.079		-		-
Pass-Through University of Wisconsin		0000001024	7,109		-
Office of International Science and Engineering			232,574		17,003
Pass-Through American Physical Society		EP30052018	131,824		-
Total ALN 47.079 Office of International Science and Engineering			<u>371,507</u>		<u>17,003</u>
COVID-19 Integrative Activities	47.083		15,168		9,775
Integrative Activities			1,630,834		263,715
Pass-Through Boise State University		6800PO124139	28,785		-
Pass-Through The University of Texas Arlington		2019GC5663	17,258		-
Pass-Through University of Southern California		124187950	35,144		-
Total ALN 47.083 Integrative Activities			<u>1,727,189</u>		<u>273,490</u>
Intergovernmental Personnel Act	47.1PA		891,186		-
Research and Development - National Science Foundation	47.RD		460,030		-
Pass-Through Johns Hopkins University		2005017015	76,728		-
Pass-Through Research Corporation for Science Advance		27461	12,521		-
Pass-Through SeeTrue Technology, LLC		19123546	761		-
Pass-Through University of Michigan		SUBK00013581	158,281		-
Total ALN 47.RD Research and Development - National Science Foundation			<u>708,321</u>		<u>-</u>
Contract/Other	47.999		137,844		-
Pass-Through American Educational Research Association		NSF-DRL #1749275	9,961		-
Total ALN 47.999 Contract/Other			<u>147,805</u>		<u>-</u>
Total National Science Foundation			<u>86,168,320</u>		<u>6,434,063</u>
U.S. Department of Veterans Affairs					
Research and Development	64.054				
Pass-Through Analytical Mechanics Associates, Inc.		TEAMSUNIVERSITYOFMARYLAND	1,244		-
Total ALN 64.054 Research and Development			<u>1,244</u>		<u>-</u>
Research and Development - U.S. Department of Veterans Affairs	64.RD		1,406,926		-
Total U.S. Department of Veterans Affairs			<u>1,408,170</u>		<u>-</u>
Environmental Protection Agency					
National Estuary Program	66.456		265,933		-
Chesapeake Bay Program	66.466		2,305,690		15,224
Pass-Through Chesapeake Bay Trust		175491	123,075		-
Pass-Through Chesapeake Bay Trust		175492	85,307		-
Pass-Through Chesapeake Bay Trust		18684	180,694		-
Pass-Through Chesapeake Conservancy, Inc.		CB-963630-01-0	75,962		-
Pass-Through National Fish & Wildlife Foundation		0600.18.059237	90,852		-
Pass-Through National Fish and Wildlife Foundation		060320071142	100,564		-
Pass-Through Oyster Recovery Partnership		#ORP-2018-CHESTRUST.	143		-
Pass-Through Prince Georges County		4100004443	5,636		-
Total ALN 66.466 Chesapeake Bay Program			<u>2,967,923</u>		<u>15,224</u>
Great Lakes Program	66.469		-		-
Pass-Through Michigan Department of Environmental Quality		13092625	36,802		-
Total ALN 66.469 Great Lakes Program			<u>36,802</u>		<u>-</u>
Science To Achieve Results (STAR) Research Program	66.509		152,238		9,665
Pass-Through Duke University		3431001	189,041		-
Total ALN 66.509 Science To Achieve Results (STAR) Research Program			<u>341,279</u>		<u>9,665</u>
Office of Research and Development Consolidated Research/Training/Fellowships	66.511		90,745		-
Total Environmental Protection Agency			<u>3,702,682</u>		<u>24,889</u>
Nuclear Regulatory Commission					
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008		320,423		-
Total Nuclear Regulatory Commission			<u>320,423</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, 2022**

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 Energy					
Office of Science Financial Assistance Program	81.049		8,745,107		112,080
Pass-Through Air Dynamics Industrial Systems Corporation		20084278	62,943		-
Pass-Through Anonitech, LLC		UMBC-21-001	121,437		-
Pass-Through Colorado State University		G012081	14,816		-
Pass-Through Columbia University		1GG015568	129,413		-
Pass-Through Duke University		3230279	175,015		-
Pass-Through Giner, Incorporated		405938	66,826		-
Pass-Through Inventwood LLC		19102845	45,389		-
Pass-Through Inventwood LLC		DESC0018820UMD2	10,841		-
Pass-Through Lawrence Berkeley National Laboratory Operations		7571709	6,657		-
Pass-Through Lawrence Berkeley National Laboratory Operations		DE-AC02-05CH11231	30,789		-
Pass-Through Maryland Energy and Sensor Technologies		21041965	50,972		-
Pass-Through Massachusetts Institute of Technology		AANA	147,196		-
Pass-Through Massachusetts Institute of Technology		S4690PO236498	308,174		-
Pass-Through Purdue University		14000459026	99,425		-
Pass-Through The University of Texas at Austin		UTA18000275	179,740		-
Pass-Through University of Missouri - Columbia		C00067173-1	165,107		-
Pass-Through University of California San Diego		119715560	81,035		-
Pass-Through University of Delaware		51605	88,703		-
Pass-Through University of Iowa		S0048901	84,420		-
Pass-Through University of Michigan		3005750010SUBK00011108	146,416		-
Total ALN 81.049 Office of Science Financial Assistance Program			<u>10,760,421</u>		<u>112,080</u>
University Coal Research	81.057		169,536		-
Pass-Through Leonardo Technologies		LTIFE0022594MAR	10,698		-
Total ALN 81.057 University Coal Research			<u>169,536</u>		<u>-</u>
Conservation Research and Development	81.086		3,136,175		499,888
Pass-Through Inventwood LLC		21073770	57,804		-
Pass-Through Navitas Advanced Solutions Group		19071892	62,271		-
Pass-Through Pacific Northwest National Laboratory op		469079	160,749		-
Pass-Through Pacific Northwest National Laboratory op		475387	12,145		-
Pass-Through Pacific Northwest National Laboratory op		525230	48,417		-
Pass-Through Pacific Northwest National Laboratory op		576071	7,818		-
Pass-Through Pacific Northwest National Laboratory op		614547	56,013		-
Total ALN 81.086 Conservation Research and Development			<u>3,541,392</u>		<u>499,888</u>
Renewable Energy Research and Development	81.087		1,408,579		306,428
Pass-Through Advanced Cooling Technologies Inc.		34366	38,238		-
Pass-Through National Renewable Energy Laboratory op.		21010285	29,205		-
Pass-Through North Carolina State University		2019015603	170,102		-
Pass-Through Oregon State University		G0174AA	78,326		-
Total ALN 81.087 Renewable Energy Research and Development			<u>1,724,450</u>		<u>306,428</u>
Fossil Energy Research and Development	81.089		764,808		41,438
Energy Efficiency and Renewable Energy Information Dissemination, Outreach Training and Technical Analysis/Assistance	81.117				
Pass-Through National Renewable Energy Laboratory op.		AHQ99200203	6,759		-
Total ALN 81.117 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance			<u>6,759</u>		<u>-</u>
Nuclear Energy Research, Development and Demonstration	81.121		365,926		88,199
Pass-Through Ohio State University		RF01596684	132,132		-
Total ALN 81.121 Nuclear Energy Research, Development and Demonstration			<u>498,056</u>		<u>88,199</u>
Electricity Research, Development and Analysis	81.122				
Pass-Through Honeywell Federal Manufacturing & Techno		N000384691	33,940		-
Pass-Through Honeywell Federal Manufacturing & Techno		N000386452	42,108		-
Pass-Through Honeywell Federal Manufacturing & Techno		N000423630	11,592		-
Total ALN 81.122 Electricity Research, Development and Analysis			<u>87,640</u>		<u>-</u>
National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program	81.123				
Pass-Through University of District of Columbia		Unknown	236,628		-
Total ALN 81.123 National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program			<u>236,628</u>		<u>-</u>
Predictive Science Academic Alliance Program	81.124		506,137		294,709
Advanced Research Projects Agency - Energy	81.135		6,275,227		2,573,812
Pass-Through CUNY Medical School		CM0000672000	112,125		-
Pass-Through HighT-Tech		21010555	62,065		-
Pass-Through Honeywell International		P0021419	72,433		-
Pass-Through Intel Corporation		CW2059899	240,398		-
Pass-Through Intel Corporation		CW2061425	78,728		-
Pass-Through Inventwood LLC		21063341	1,643		-
Pass-Through Johns Hopkins University		2004670125	204,942		-
Pass-Through PolyPlus Battery Company		19082151	16,671		-
Pass-Through The University of Texas at Austin		UTA21000223	105,203		-
Pass-Through University of California San Diego		S9001613	131,350		-
Total ALN 81.135 Advanced Research Projects Agency - Energy			<u>7,300,785</u>		<u>2,573,812</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, 2022**

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 - U.S. Department of Energy	81.RD		327		-
Pass-Through Argonne National Laboratory op. University Chicago Argon		2F60023	19,550		-
Pass-Through Argonne National Laboratory op. University Chicago Argon		2F60042	125,151		-
Pass-Through Argonne National Laboratory op. University Chicago Argon		2F60079	45,378		-
Pass-Through Argonne National Laboratory op. University Chicago Argon		9F60266	72,979		-
Pass-Through Brookhaven National Laboratory op. Brook		378913	165,728		-
Pass-Through Fermi National Accelerator Laboratory op		655987	126,880		-
Pass-Through Fermi National Accelerator Laboratory op		657027	180,171		-
Pass-Through Idaho National Laboratory op. Battelle E		227774	2,521		-
Pass-Through Lawrence Berkeley National Laboratory Operations		7309125	114,917		-
Pass-Through Lawrence Berkeley National Laboratory Operations		7558879	49,233		-
Pass-Through Lawrence Berkeley National Laboratory Operations		7571709	146,796		-
Pass-Through Lawrence Livermore National Laboratory Operations		B634364	199,309		-
Pass-Through Lawrence Livermore National Laboratory Operations		B635866	44,149		-
Pass-Through Lawrence Livermore National Laboratory Operations		B643440	71,722		-
Pass-Through Lawrence Livermore National Laboratory Operations		B644255	55,434		-
Pass-Through Lawrence Livermore National Laboratory Operations		B644673	88,130		-
Pass-Through Lawrence Livermore National Laboratory Operations		B647165	30,385		-
Pass-Through Lawrence Livermore National Laboratory Operations		B648035	33,935		-
Pass-Through Lawrence Livermore National Laboratory Operations		B648183	23,074		-
Pass-Through Lawrence Livermore National Laboratory Operations		B649358	216,632		-
Pass-Through Los Alamos National Laboratory Operations		542243	51,898		-
Pass-Through Los Alamos National Laboratory Operations		608752	147,747		-
Pass-Through National Renewable Energy Laboratory Operations		SUB202010093	82,294		-
Pass-Through Oak Ridge Institute For Science And Education		SAWDWD00850	7,933		-
Pass-Through Oak Ridge National Laboratory		4000166080	4,466		-
Pass-Through Pacific Northwest National Laboratory Operations		212191	1,285		-
Pass-Through Pacific Northwest National Laboratory Operations		436606	2,478		-
Pass-Through Pacific Northwest National Laboratory Operations		549024	154,154		-
Pass-Through Pacific Northwest National Laboratory Operations		603207	24,694		-
Pass-Through Pacific Northwest National Laboratory Operations		S018176	19,565		-
Pass-Through Sandia National Laboratories Operations Sandia		1905308	7,391		-
Pass-Through Sandia National Laboratories Operations Sandia		2130363	43,141		-
Pass-Through Sandia National Laboratories Operations Sandia		2272503	9,176		-
Pass-Through SLAC National Accelerator Laboratory Operations		193040	163,537		-
Pass-Through The Boeing Company		2035447	81,156		-
Pass-Through United Technologies Research Center		1256546	113,921		-
Pass-Through United Technologies Research Center		1257037	264,508		-
Total ALN 81.RD Research and Development - U.S. Department of Energy			2,991,745		-
Total U.S. Department of Energy			28,599,057		3,916,554
U.S. Department of Education					
Federal Supplemental Educational Opportunity Grants	84.007		62,917		-
Overseas Programs - Group Projects Abroad	84.021		30,889		-
Minority Science and Engineering Improvement	84.120		230,306		-
TRIO McNair Post-Baccalaureate Achievement	84.217		184,178		-
Education Research, Development and Dissemination	84.305		444,995		186,753
Pass-Through Tulane University		TUL-SCC-556411-18/19	35,394		-
Total ALN 84.305 Education Research, Development and Dissemination			480,389		186,753
Teacher Quality Partnership Grants	84.336		936,159		50,000
English Language Acquisition State Grants	84.365		402,187		-
COVID-19 Elementary And Secondary School Emergency Relief Fund	84.425D		378,970		-
Total U.S. Department of Education			2,705,995		236,753
National Archives and Records Administration					
Research and Development - National Archives and Records Administration	89.003		42,288		-
Total National Archives and Records Administration			42,288		-
U.S. Department of Health and Human Services					
Global AIDS	93.067		8,286,060		1,462,802
Pass-Through Botswana-UMSOM Health Initiative		CDC-GH2232-001	1,349,611		-
Pass-Through Botswana-UMSOM Health Initiative		CDC-GH2258-001	41,137		-
Pass-Through CIHEB-KENYA		PIM-001/6 NUZGGH002333-01	140,242		-
Pass-Through Institute of Human Virology, Nigeria		5 NU2GGH002099-04	470,001		-
Pass-Through Institute of Human Virology, Nigeria		NU2GGH002099-04-05	1,041,676		-
Total ALN 93.067 Global AIDS			11,328,727		1,462,802
Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077				
Pass-Through The University of Texas Health Science Center		5R01CA228906	6,313		-
Pass-Through The University of Texas Health Science Center		SA0000857	24,357		-
Pass-Through University of Southern California		138921702	51,960		-
Total ALN 93.077 Family Smoking Prevention and Tobacco Control Act Regulatory Research			82,630		-
Prevention of Disease, Disability, and Death by Infectious Diseases	93.084		1,524,832		509,118
Research on Research Integrity	93.085		6,071		-
Healthy Marriage Promotion and Responsible Fatherhood Grants	93.086		987,042		353,317
COVID-19 Food and Drug Administration Research	93.103		138,799		-
Food and Drug Administration Research			8,892,716		1,478,952
Pass-Through Battelle Memorial Institute		736542	52,704		-
Pass-Through Children's Research Institute		3000610801	232,787		-
Pass-Through Inter-American Institute for Cooperation		202197	159,127		-
Pass-Through National Institute of Pharma for Technology		NIPTE-75F-MD-2021-001	152,005		-
Pass-Through National Institute of Pharma for Technology		NIPTE-U01-MD-2021-001	63,843		-
Pass-Through University of Florida		SUB00002843	60,747		-
Total ALN 93.103 Food and Drug Administration Research			9,752,728		1,478,952
Area Health Education Centers	93.107		584		-
Maternal and Child Health Federal Consolidated Programs	93.110		131,616		10,010
Pass-Through HealthEfficient		20105106	97,315		-
Pass-Through Johns Hopkins University School of Medicine		2005204883	455,193		-
Total ALN 93.110 Maternal and Child Health Federal Consolidated Programs			684,124		10,010

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
Environmental Health	93.113		1,140,673		32,103
Pass-Through J. Craig Venter Institute		JCVI20014	53,923		-
Pass-Through Johns Hopkins University School of Medicine		2004252810	92,427		-
Pass-Through Johns Hopkins University School of Medicine		RES011858E	12,807		-
Total ALN 93.113 Environmental Health			<u>1,299,830</u>		<u>32,103</u>
Oral Diseases and Disorders Research	93.121		5,190,745		578,667
Pass-Through Citect MicroTech Incorporated		CRE-UMB-01	5,515		-
Pass-Through Georgia Institute of Technology		AWD102074G2	92,721		-
Pass-Through Rutgers, the State University of New Jersey		Sub Award # 1619	58,078		-
Pass-Through Rutgers, the State University of New Jersey		Subaward #: 1985	264,900		-
Pass-Through State University of New York		R1136494	17,333		-
Pass-Through The Lundquist Institute for Biomedical Innovation		30842-UMB	23,772		-
Pass-Through University of Texas Health Science Center at San Antonio		166331/166325	70,820		-
Pass-Through University of New York at Buffalo		R1091464	2,317		-
Pass-Through University of Alabama at Birmingham		000521323-SC025	53,970		-
Pass-Through University of North Carolina at Chapel Hill		S119061	6,630		-
Pass-Through University of Pittsburgh		CNV/A00056675 (129880-2)	7,822		-
Pass-Through University of Texas Health Science Center		170627/170626	49,588		-
Total ALN 93.121 Oral Diseases and Disorders Research			<u>5,784,211</u>		<u>578,667</u>
COVID-19 Centers for Research and Demonstration for Health Promotion and Disease Prevention	93.135		500,370		-
Centers for Research and Demonstration for Health Promotion and Disease Prevention			795,603		32,927
Total ALN 93.135 Centers for Research and Demonstration for Health Promotion and Disease Prevention			<u>1,295,973</u>		<u>32,927</u>
Injury Prevention and Control Research and State and Community Based Programs	93.136		-		-
Pass-Through Baltimore City Health Department		CO# 39981	45,733		-
Total ALN 93.136 Injury Prevention and Control Research and State and Community Based Programs			<u>45,733</u>		<u>-</u>
COVID-19 Community Programs to Improve Minority Health Grant Program	93.137		-		-
Pass-Through Baltimore City Health Department		CO#40102	87,695		-
Pass-Through City of Frederick		21105454	451,763		-
Community Programs to Improve Minority Health Grant Program			365,126		130,351
Pass-Through FHI 360		PO22000889	25,457		-
Total ALN 93.137 Community Programs to Improve Minority Health Grant Program			<u>930,041</u>		<u>130,351</u>
NIEHS Hazardous Waste Worker Health and Safety Training	93.142		766,382		-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		255,555		9,533
Pass-Through Johns Hopkins University		2005244760	9,557		-
Total ALN 93.143 NIEHS Superfund Hazardous Substances-Basic Research and Education			<u>265,112</u>		<u>9,533</u>
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153		-		-
Pass-Through Johns Hopkins University - School of Medicine		5H12HA28847-04-00	35,009		-
Pass-Through Johns Hopkins University - School of Medicine		5H12HA28847-06-00	33,721		-
Total ALN 93.153 Coordinated Services and Access to Research for Women, Infants, Children, and Youth			<u>68,730</u>		<u>-</u>
Human Genome Research	93.172		2,700,578		425,942
Pass-Through Jackson Laboratory		210314-0521-12	55,621		-
Pass-Through University of California Berkeley		00008829	35		-
Pass-Through University of Wisconsin-Madison		0000001025	35,919		-
Total ALN 93.172 Human Genome Research			<u>2,792,052</u>		<u>425,942</u>
Research Related to Deafness and Communication Disorders	93.173		5,055,294		542,561
Pass-Through Carnegie Mellon University		1090446367247	57,203		-
Pass-Through Columbia University		1(GG014914-01)	134,031		-
Pass-Through Columbia University		2(GG015080-01)	93,802		-
Pass-Through Georgetown University		1R01DC016595-01A1	76,947		-
Pass-Through Johns Hopkins University		2005334875	50,076		-
Pass-Through Johns Hopkins University Homewood Division		2002787424	64,546		-
Pass-Through MGH Inst. of Health Professions, Inc.		236539	29,999		-
Pass-Through University of Delaware		56243	1,007		-
Pass-Through University of Delaware		58419	183,732		-
Pass-Through West Virginia University		17214UMD	203,520		-
Total ALN 93.173 Research Related to Deafness and Communication Disorders			<u>5,950,157</u>		<u>542,561</u>
COVID-19 Immunization Research, Demonstration, Public Information and Education Training and Clinical Skills Improvement Projects	93.185		-		-
Pass-Through National Minority Quality Forum		22052262	61,707		-
Total ALN 93.185 Immunization Research, Demonstration, Public Information and Education Training and Clinical Skills Improvement Projects			<u>61,707</u>		<u>-</u>
Telehealth Programs	93.211		469,261		-
COVID-19 Research and Training in Complementary and Integrative Health Research and Training in Complementary and Integrative Health	93.213		88,944		48,373
Pass-Through Georgetown University		411716-GR411710-UMB	2,097,286		223,066
Pass-Through Georgetown University		414919_GR411710-UMB	34,499		-
Pass-Through Johns Hopkins University School of Medicine		2004336314	99,734		-
Total ALN 93.213 Research and Training in Complementary and Integrative Health			<u>93,032</u>		<u>-</u>
Total ALN 93.211 Research and Training in Complementary and Integrative Health			<u>2,983,495</u>		<u>271,439</u>
Research on Healthcare Costs, Quality and Outcomes	93.226		230,058		5,027
Pass-Through University of Texas at Austin		UTA20-001090	17,519		-
Total ALN 93.226 Research on Healthcare Costs, Quality and Outcomes			<u>247,577</u>		<u>5,027</u>
National Center on Sleep Disorders Research	93.233		1,251,273		-
Pass-Through Johns Hopkins University - School of Medicine		2003228860	97,522		-
Pass-Through Johns Hopkins University - School of Medicine		2003769396	2,877		-
Total ALN 93.233 National Center on Sleep Disorders Research			<u>1,351,672</u>		<u>-</u>
Mental Health Research Grants	93.242		22,564,011		3,854,135
Pass-Through Boston University		4500003966	7,804		-
Pass-Through Centre for Addiction and Mental Health Support		21-218	357,292		-
Pass-Through Evidence Based Practice Institute, LLC		1R44MH128819-01	28,430		-
Pass-Through Georgia State University		SP00013802-01	196,959		-
Pass-Through Georgia State University		SP00013802-03	5,808		-
Pass-Through Georgia State University		SP00013948-02	109,002		-
Pass-Through Henry Ford Health System		B11239UMD	1,672		-
Pass-Through Reich Foundation for Mental Hith Hygiene		154737	1,904		-
Pass-Through San Diego State University		D733302SA005A357A7802	145,340		-
Pass-Through San Diego State University		SA0000755	150,425		-
Pass-Through Segson, Inc dba Terrapin Pharmacy, LLC		Ref. No.: 34132	132,073		-
Pass-Through The University of Texas at Austin		UT20000469	13,064		-
Pass-Through University of Alabama at Birmingham		000523128-SC002	94,951		-
Pass-Through University of California, Irvine		2022-1660	4,571		-
Pass-Through University of California, Irvine		2022-1661	3,662		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

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YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Pass-Through University of Michigan		SUBK00012604	23,264		-
Pass-Through University of Nebraska Medical Center		34-5160-2135-101	594		-
Pass-Through University of Southern California		104025459 / 130379809	12,342		-
Pass-Through University of Southern California		108606050	76,875		-
Pass-Through University of Vermont		32146SUB52470	24,290		-
Pass-Through Yale University		GR110000 (CON-80002454)	213,859		-
Pass-Through Yale University		GR111782 (CON-80002835)	898		-
Total ALN 93.242 Mental Health Research Grants			24,168,790		3,854,135
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		568,087		69,350
Pass-Through Adventist Health Care		Signed 01-11-2022	40,193		-
Pass-Through Baltimore City Health Department		CO# 40047	23,861		-
Pass-Through Community Connections		21031644	19,995		-
Pass-Through Community Services and Research Center		19072093	23,972		-
Pass-Through Hugo W. Moser Research Institute of Kenn		1H79SM085056-01	108,575		-
Pass-Through Lourie Children Center		Signed 01-11-2022	43,353		-
Pass-Through South County Healthcare Hospital System		SIGNED 11172020	50,286		-
Pass-Through The Danya Institute Inc.		17082255	71,158		-
Pass-Through The Danya Institute Inc.		18123660	77,598		-
Pass-Through The Danya Institute Inc.		18123716	146,348		-
Pass-Through The Danya Institute Inc.		22010090	33,611		-
Total ALN 93.243 Substance Abuse and Mental Health Services Projects of Regional and National Significance			1,207,219		69,350
Occupational Safety and Health Program	93.262		2,625		-
Pass-Through Johns Hopkins University		2004614431	11,071		-
Pass-Through Marshfield Clinic Research Institute		60692200	9,277		-
Pass-Through Marshfield Clinic Research Institute		60692300	23,367		-
Pass-Through University of Kentucky Research Foundation		321000180619216	32,809		-
Pass-Through University of Pittsburgh		CNVA00053367 (131632-2)	79,149		-
Total ALN 93.262 Occupational Safety and Health Program			3,006,138		-
Alcohol Research Programs	93.273		42,003		-
Pass-Through Tulane University		TUL-HSC-559637-20/21	55,197		-
Pass-Through University of Arkansas for Medical Sciences		55197	56,053		-
Pass-Through University of Florida		SUB000002152	56,194		-
Pass-Through University of North Carolina at Chapel H		5112147	15,042		-
Pass-Through University of Texas at San Antonio		162257/161901	35,077		-
Total ALN 93.273 Alcohol Research Programs			3,210,507		-
Drug-Free Communities Support Program Grants	93.276		134,679		-
COVID-19 Drug Abuse and Addiction Research Programs	93.279		-		-
Pass-Through UCLA		1935 G ZA038	30,900		-
Drug Abuse and Addiction Research Programs			12,507,675		840,512
Pass-Through Florida State University		Subaward No. R02053	27,932		-
Pass-Through Friends Research Institute Inc.		11383-S1	43,629		-
Pass-Through Henry Ford Health System		B11238UMD	296		-
Pass-Through Howard University		GRT00008010002887	20,976		-
Pass-Through New York University School of Medicine		17A10000725801	25,260		-
Pass-Through Purdue University		11001094-062	40,821		-
Pass-Through UCLA		0875 G XB492	15,301		-
Pass-Through University of New York at Buffalo		R1176102	16,110		-
Pass-Through University of New York at Buffalo		R1275734	545,909		-
Pass-Through University of Connecticut		371514	20,753		-
Pass-Through University of Pittsburgh		AWD00000068 (132578-3)	48,841		-
Pass-Through University of Texas at San Antonio		162255/161624	50,297		-
Pass-Through University of Washington		UWSC8753	54,111		-
Pass-Through Washington University		WU220294	40,704		-
Total ALN 93.279 Drug Abuse and Addiction Research Programs			13,489,515		840,512
Centers for Disease Control and Prevention	93.283		2,136		-
Investigations and Technical Assistance			809,543		-
Pass-Through Botswana-UMSOM Health Initiative		CDC-GH2232-001/1 NU2GGH002258	105,438		-
Pass-Through Botswana-UMSOM Health Initiative		Signed 09-29-2021	917,117		-
Total ALN 93.283 Centers for Disease Control and Prevention Investigations and Technical Assistance			917,117		-
COVID-19 Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		172,148		-
Discovery and Applied Research for Technological Innovations to Improve Human Health			4,732,132		925,779
Pass-Through Brigham and Women's Hospital		125258	69,570		-
Pass-Through Duke University		A035163	14,932		-
Pass-Through University of Massachusetts Amherst		21015844B00	41,483		-
Pass-Through University of Pennsylvania		582310	15,931		-
Pass-Through University of Pittsburgh		AWD00004488	1,750		-
Total ALN 93.286 Discovery and Applied Research for Technological Innovations to Improve Human Health			5,047,946		925,779
Teenage Pregnancy Prevention Program	93.297		176,756		-
Pass-Through Child Trends		1305UMD01	176,756		-
Total ALN 93.297 Teenage Pregnancy Prevention Program			176,756		-
Minority Health and Health Disparities Research	93.307		4,548,412		317,177
Pass-Through SIMmersion LLC		R44MD014112	123,563		-
Pass-Through University of California Irvine		20201329	34,571		-
Pass-Through University of California San Francisco		12672SC	30,830		-
Pass-Through University of Florida		SUB00001888	91,509		-
Total ALN 93.307 Minority Health and Health Disparities Research			4,828,885		317,177
COVID-19 Trans-NIH Research Support	93.310		114,181		-
Pass-Through Johns Hopkins University School of Medicine		2005195329	99,816		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Trans-NIH Research Support			11,801,411		4,160,298
Pass-Through Howard University		GRT000194S210004042	24,772		-
Pass-Through Howard University		GRT000194S210004534	128,305		-
Pass-Through Avera Rural Health Services		SUH3OD023279D3	15,476		-
Pass-Through Avera Rural Health Services		SUH3OD023279D4	113,425		-
Pass-Through Duke University		A03-5282	22,023		-
Pass-Through Institute of Human Virology, Nigeria		1U54TW012041-01	83,490		-
Pass-Through Institute of Human Virology, Nigeria		5NU2GGH002099-04	101,140		-
Pass-Through Institute of Human Virology, Nigeria		PSA ABIMIKU	10,105		-
Pass-Through University of Detroit Mercy		21116054	44,700		-
Pass-Through University of Michigan Medical School		3001413387-PNT	11,621		-
Pass-Through University of New Mexico		3RGJ7	17,265		-
Total ALN 93.310 Trans-NIH Research Support			<u>12,585,730</u>		<u>4,160,298</u>
COVID-19 Protecting and Improving Health Globally; Building and Strengthening Public Health Impact, Systems, Capacity and Security	93.318	1 NU2HGH000020-01-00	450,705		-
Pass-Through Institute of Human Virology, Nigeria					-
Protecting and Improving Health Globally; Building and Strengthening Public Health Impact, Systems, Capacity and Security		CDC-RFA-GH20-2126	163,002		25,449
Pass-Through Institute of Human Virology, Nigeria			<u>47,230</u>		<u>-</u>
Total ALN 93.318 Protecting and Improving Health Globally; Building and Strengthening Public Health Impact, Systems, Capacity and Security			<u>660,937</u>		<u>25,449</u>
COVID-19 National Center for Advancing Translational Sciences	93.350				
Pass-Through Vanderbilt University		VUMC86235	264,047		-
National Center for Advancing Translational Sciences			-		-
Pass-Through Johns Hopkins University School of Medicine		2004548643	1,998,392		-
Pass-Through Johns Hopkins University School of Medicine		2004799269	48,973		-
Total ALN 93.350 National Center for Advancing Translational Sciences			<u>2,311,412</u>		<u>-</u>
Research Infrastructure Programs	93.351		1,634,710		-
Nursing Research	93.361		2,374,771		447,101
Pass-Through University of Colorado Denver		FY19961004	18,778		-
Pass-Through University of Pennsylvania		579470	59,994		-
Pass-Through University of Texas at Austin		UTA16-001233	16,293		-
Total ALN 93.361 Nursing Research			<u>2,469,836</u>		<u>447,101</u>
Cancer Cause and Prevention Research	93.393		3,245,352		368,857
Pass-Through Columbia University		1(GG017719-01)	40,132		-
Pass-Through GPB Scientific LLC		1R42CA228616-01	3,342		-
Pass-Through MAE Group LLC		Signed 08.11.2020	6,227		-
Pass-Through University of Massachusetts, Amherst		21-016090 A 01	17,697		-
Pass-Through University of North Carolina at Chapel Hill		5119057	19,779		-
Pass-Through University of North Carolina at Chapel Hill		signed 05-12-2022	1,646		-
Total ALN 93.393 Cancer Cause and Prevention Research			<u>3,334,175</u>		<u>368,857</u>
COVID-19 Cancer Detection and Diagnosis Research	93.394		3,321		-
Cancer Detection and Diagnosis Research			2,492,367		445,205
Pass-Through Duke University		303000057	36,938		-
Pass-Through Duke University		3532540	22,487		-
Pass-Through George Washington University		18M75	6,052		-
Pass-Through George Washington University		19-M106	76,163		-
Pass-Through George Washington University		21-M85	61,300		-
Pass-Through George Washington University		21-M90	105,313		-
Pass-Through Georgetown University		424334_GR411508-UMB	10,015		-
Pass-Through University of Pennsylvania		574125	175,950		-
Pass-Through University of Southern California		99273179	2,207		-
Total ALN 93.394 Cancer Detection and Diagnosis Research			<u>2,992,113</u>		<u>445,205</u>
Cancer Treatment Research	93.395		3,130,567		448,347
Pass-Through Children's Hosp/Philadelphia		Signed 08.14.2020	17,240		-
Pass-Through IGI Technologies Inc.		0005	36		-
Pass-Through Johns Hopkins University School of Medicine		2004724719	107,281		-
Pass-Through Johns Hopkins University School of Medicine		SU-470419	10,398		-
Pass-Through Medical University of South Carolina		MUSC18-011-8B901	11,300		-
Pass-Through Northwestern University, Chicago Campus		60047359 UMD	24,851		-
Pass-Through NRG Oncology Foundation Inc.		PSA Signed 1/28/2015	6,908		-
Pass-Through Southwest Oncology Group		IRB#90710	6,069		-
Pass-Through The Brigham and Women's Hospital, Inc.		125648	53,611		-
Pass-Through University of Pittsburgh		AWD00002317(136017-2)	13,458		-
Pass-Through University of Rochester/Medical Ctr		SUB00000193 / UR FAO GR532118	33,839		-
Total ALN 93.395 Cancer Treatment Research			<u>3,415,558</u>		<u>448,347</u>
Cancer Biology Research	93.396		1,689,722		97,616
Pass-Through Georgetown University		0002341424635GR424614UMD	21,601		-
Pass-Through Johns Hopkins University School of Medicine		2002772825	23,070		-
Pass-Through Johns Hopkins University School of Medicine		2005028435	39,342		-
Pass-Through Johns Hopkins University School of Medicine		2005128527	44,788		-
Pass-Through Johns Hopkins University School of Medicine		2005456298	23,355		-
Pass-Through University of Pittsburgh		AWD000044111964131	95,870		-
Total ALN 93.396 Cancer Biology Research			<u>1,937,728</u>		<u>97,616</u>
Cancer Centers Support Grants	93.397		3,439,615		107,373
Pass-Through Coriell Institute for Medical Research		A22-0002-S006	264,144		-
Total ALN 93.397 Cancer Centers Support Grants			<u>3,703,759</u>		<u>107,373</u>
Cancer Research Manpower	93.398		349,917		51,426
Strengthening Public Health Systems and Services through National Partnerships Health to Improve and Protect the Nation's	93.421				
Pass-Through CDC Foundation		PO 7472	1,562		-
Total ALN 93.421 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health			<u>1,562</u>		<u>-</u>
Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke	93.426				
Pass-Through Prince Georges County		4100006933	41,978		-
Total ALN 93.426 Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke			<u>41,978</u>		<u>-</u>
COVID-19 ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433				
Pass-Through University of Illinois at Chicago		Subaward #: 18199	5,978		-
Pass-Through University of Illinois at Chicago		Subaward #: 18199	18,034		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
ACL National Institute on Disability, Independent Living, and Rehabilitation Research			2,130,242		445,069
Pass-Through Miami University Ohio		G03574	38,276		-
Pass-Through TransCen Inc.		21094683	65,899		-
Pass-Through TransCen Inc.		90DP00890100	45,113		-
Total ALN 93.433 ACL National Institute on Disability, Independent Living, and Rehabilitation Research			<u>2,303,542</u>		<u>445,069</u>
Every Student Succeeds Act/Preschool Development Grants	93.434		-		-
Pass-Through Pact		210340	45,241		-
Total ALN 93.434 Every Student Succeeds Act/Preschool Development Grants			<u>45,241</u>		<u>-</u>
MaryLee Allen Promoting Safe and Stable Families Program	93.556		1,421,141		1,008,626
Head Start	93.600		21,531		-
Pass-Through Georgetown University		425119_GR424910-UMB	11,300		-
Total ALN 93.600 Head Start			<u>32,831</u>		<u>-</u>
Developmental Disabilities Basic Support and Advocacy Grants	93.630		-		-
Pass-Through Maryland Developmental Disabilities Council		21CS1	71,253		-
Total ALN 93.630 Developmental Disabilities Basic Support and Advocacy Grants			<u>71,253</u>		<u>-</u>
Developmental Disabilities Projects of National Significance	93.631		-		-
Pass-Through Info and Tech Center		ACL247280	447		-
Total ALN 93.631 Developmental Disabilities Projects of National Significance			<u>447</u>		<u>-</u>
Social Services Research and Demonstration	93.647		67,118		47,410
Pass-Through Child Trends		1602	34,965		-
Total ALN 93.647 Social Services Research and Demonstration			<u>102,083</u>		<u>47,410</u>
Child Abuse and Neglect Discretionary Activities	93.670		960,872		266,722
Opioid STR	93.788		385,767		-
Planning Grant for Healthcare and Public Health Sector					
Cybersecurity Information Sharing	93.835				
Pass-Through Duke Clinical Research Institute		2UM1AI104681-09 (A03-4284)	32,912		-
Total ALN 93.835 Planning Grant for Healthcare and Public Health Sector Cybersecurity Information Sharing			<u>32,912</u>		<u>-</u>
COVID-19 Cardiovascular Diseases Research	93.837		-		-
Pass-Through Johns Hopkins University School of Nursing		2005106585	64,905		-
Cardiovascular Diseases Research			12,079,107		812,133
Pass-Through Ann & Robert H. Lurie Children's Hospital of Chicago		901627UMD	11,581		-
Pass-Through Ann & Robert H. Lurie Children's Hospital of Chicago		901632-UMB	5,011		-
Pass-Through Ann & Robert H. Lurie Children's Hospital of Chicago		901647-UMB	7,010		-
Pass-Through Case Western Reserve University		RES511860	119,858		-
Pass-Through Columbia University		1(GG011673-03)	33,476		-
Pass-Through Duke University		A032229	58,365		-
Pass-Through Fred Hutchinson Cancer Center		0001023336	15,136		-
Pass-Through George Washington University		18M20	19,944		-
Pass-Through Harvard T.H. Chan School of Public Health		1150275118851	224,198		-
Pass-Through Inova Health Care Services		U20-07-4182-UMD	14,215		-
Pass-Through Johns Hopkins University School of Medicine		2005165716	23,967		-
Pass-Through Johns Hopkins University School of Medicine		pc#2003783866	10,200		-
Pass-Through Johns Hopkins University School of Medicine		SIGNED_03192020	5,973		-
Pass-Through Johns Hopkins University School of Medicine		2003783866	21,526		-
Pass-Through Mayo Clinic, Rochester		UMB-203880-01	15,657		-
Pass-Through Medical College of Wisconsin		21126821	13,756		-
Pass-Through Mount Sinai		0255-A342-4605-slb	33,183		-
Pass-Through Mount Sinai		0255-A344-4605	33		-
Pass-Through Mount Sinai		5 U01 HL088942-10	8,945		-
Pass-Through New England Research Institute		BEST #4	66,498		-
Pass-Through The Ohio State University Research Foundation		GR122281	244,752		-
Pass-Through University of Louisville Research Foundation		ULRF_21-0603-01	9,004		-
Pass-Through University of Chicago		AWD066325-02-PR (SUB00000046)	39,805		-
Pass-Through University of Chicago		SUB00000252	89,085		-
Pass-Through University of Florida		SUB00002328	5,684		-
Pass-Through University of Michigan-Ann Arbor		SUBK00012916	5,230		-
Pass-Through University of Pittsburgh		CNVA00054627 (129986-2)	30,422		-
Total ALN 93.837 Cardiovascular Diseases Research			<u>13,276,526</u>		<u>812,133</u>
COVID-19 Lung Diseases Research	93.838				
Pass-Through Johns Hopkins University		2005378350	198,161		86,339
Pass-Through Harvard University		168019-5116856	79,694		-
Lung Diseases Research			4,146,837		417,212
Pass-Through University of Colorado Denver		FY22.1110.001/ 2-5-B0582	74,735		-
Pass-Through University of Pittsburgh		AWD00000797 (136391-1)	203,820		-
Total ALN 93.838 Lung Diseases Research			<u>4,703,247</u>		<u>503,551</u>
Blood Diseases and Resources Research	93.839		2,536,209		-
Pass-Through Duke University		2037978	156,133		-
Pass-Through KaloCyte, Inc.		5R42HL135965-03	16,049		-
Pass-Through Lehigh University		543523-78001	61,639		-
Pass-Through The Ohio State University Research Foundation		GR124201 / SPC-1000005205	138,284		-
Pass-Through University of Colorado Denver		FY22.360.002	67,177		-
Pass-Through University of Colorado Denver		FY22.360.003	49,279		-
Total ALN 93.839 Blood Diseases and Resources Research			<u>3,024,770</u>		<u>-</u>
Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840				
Pass-Through Johns Hopkins University		2004885435	35,284		-
Total ALN 93.840 Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders			<u>35,284</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, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		6,046,185		103,997
Pass-Through Albert Einstein School of Medicine		312009 PO886708	9,505		-
Pass-Through Boston College		5106941-1	15,129		-
Pass-Through Children's Hosp/Philadelphia		27007-3209440821	44,957		-
Pass-Through Johns Hopkins University School of Medicine		2004845693	3,899		-
Pass-Through Johns Hopkins University School of Medicine		2004479987	33,958		-
Pass-Through Johns Hopkins University School of Medicine		2004918522	11,396		-
Pass-Through University of Nevada School of Medicine		UNR-20-74	34,771		-
Total ALN 93.846 Arthritis, Musculoskeletal and Skin Diseases Research			<u>6,199,800</u>		<u>103,997</u>
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		9,553,186		1,215,580
Pass-Through Augusta University Research Institute		35235-5	737		-
Pass-Through Boston Children's Hospital		GENFD0001891402	44,083		-
Pass-Through Boston Children's Hospital		GENFD0002080079	74,845		-
Pass-Through Broad Institute Inc.		5000472-5500001055	242,220		-
Pass-Through Case Western Reserve University		RESS15416	3,573		-
Pass-Through Case Western Reserve University		RES516368	120,774		-
Pass-Through Case Western Reserve University		RES516479	7,535		-
Pass-Through CoapTech, LLC		signed011720	62,783		-
Pass-Through Columbia University		1GG01508403	8,481		-
Pass-Through Georgia State University		SP00013379-01	19,799		-
Pass-Through Johns Hopkins University School of Medicine		2004033321	220,121		-
Pass-Through Johns Hopkins University School of Medicine		2005282679	11,356		-
Pass-Through Johns Hopkins University School of Medicine		2004514688	163,943		-
Pass-Through Lankeau Institute for Medical Research		06306-3534	15,789		-
Pass-Through University of Texas Southwestern Medical Ctr		GMO 220219 PO#0000002603	12,134		-
Pass-Through University of California		10789SC	4,940		-
Pass-Through University of California		11744sc	39,567		-
Pass-Through University of Chicago		FP068366-01G (5302818601-4)	201,612		-
Pass-Through University of Illinois at Chicago		17638	12,805		-
Pass-Through University of Michigan-Ann Arbor		3004195230	14,538		-
Pass-Through University of Pennsylvania		574566	301,308		-
Pass-Through University of Virginia		GB10708	168,572		-
Total ALN 93.847 Diabetes, Digestive, and Kidney Diseases Extramural Research			<u>11,304,701</u>		<u>1,215,580</u>
COVID-19 Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		292,757		-
Extramural Research Programs in the Neurosciences and Neurological Disorders			20,501,411		2,325,760
Pass-Through Children's National Medical Center		30006196-01	157,202		-
Pass-Through Cleveland Clinic Lerner College of Medicine of CWRU		1481-SUB	78,311		-
Pass-Through Columbia University		1(GG012011-05)	51,375		-
Pass-Through Columbia University		GG015295-01 (19-3787)	60,774		-
Pass-Through Dystonia Coalition		RESEARCH	6,737		-
Pass-Through Johns Hopkins University School of Medicine		2004490064	638		-
Pass-Through Johns Hopkins University School of Medicine		2005089582	51,095		-
Pass-Through Johns Hopkins University School of Medicine		2005402713	46,452		-
Pass-Through Johns Hopkins University School of Medicine		2004239465	10,727		-
Pass-Through Massachusetts General Hospital		226025	296		-
Pass-Through Massachusetts General Hospital		236574	48,769		-
Pass-Through Mayo Clinic Jacksonville		UNI-187276-11	238,478		-
Pass-Through Mayo Clinic Jacksonville		UNI-263585-01	28,730		-
Pass-Through Mayo Clinic Jacksonville		UNI-263585-02	62,716		-
Pass-Through Mayo Clinic Jacksonville		UNI-290195	14,097		-
Pass-Through NextStep Robotics		NSRSUB111076-02	215,180		-
Pass-Through Partners Healthcare		235400	79,189		-
Pass-Through Temple University		266430UM	11,694		-
Pass-Through Temple University - Main Campus		SIREN_100CSPR #001	15,534		-
Pass-Through University of California, Davis		A19-1044-S002	78,118		-
Pass-Through University of Chicago		FP06221402PRB	87,821		-
Pass-Through University of Chicago		FP066221401PRA	417,447		-
Pass-Through University of Cincinnati		011078-014	89,098		-
Pass-Through University of Cincinnati		011337-136493	11,290		-
Pass-Through University of Cincinnati		013382-00002	4,764		-
Pass-Through University of Massachusetts Amherst		19010728D00	16,702		-
Pass-Through University of Michigan Medical School		SUBK00004104-ESETT	5,813		-
Pass-Through University of North Carolina at Chapel Hill		5116797	233,568		-
Pass-Through University of North Carolina at Chapel Hill		5118021	163,129		-
Total ALN 93.853 Extramural Research Programs in the Neurosciences and Neurological Disorders			<u>23,079,912</u>		<u>2,325,760</u>
COVID-19 Allergy and Infectious Diseases Research	93.855		10,239,576		308,504
Pass-Through Duke University		A035453	513,165		-
Pass-Through Emory University		A390483	45,314		-
Pass-Through Emory University		A481967	9,337		-
Pass-Through Emory University		A533763	41,920		-
Pass-Through Emory University		A533885	41,636		-
Pass-Through Emory University		A535119	342,366		-
Pass-Through Emory University		A601923	26,034		-
Pass-Through Emory University		A601926	49,410		-
Pass-Through Emory University		A633501	26,034		-
Pass-Through Fred Hutchinson Cancer Center		0001060385	4,490		-
Pass-Through Fred Hutchinson Cancer Center		0001062457	324,022		-
Pass-Through Mount Sinai		0258-A407-4609	23,023		-
Pass-Through Mount Sinai		0258-A705-4609	43,661		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Allergy and Infectious Diseases Research			64,699,907		11,995,198
Pass-Through Albany Medical College		515476-UMB	116,614		-
Pass-Through Banaroya Research Institute		UM1AI109565	142,731		-
Pass-Through Boston University		4500003989	14,689		-
Pass-Through Centro Internacional de Entrenamiento e Investigaciones M6dicas		00117	105,264		-
Pass-Through Children's Research Institute		30006674-04	57,270		-
Pass-Through Columbia University		1(GG012736-02)	30,054		-
Pass-Through Columbia University		5(GG014746-09)	37,141		-
Pass-Through Columbia University		5(GG014746-22)	115,955		-
Pass-Through Cornell University		138303-20986	27,012		-
Pass-Through Duke Clinical Research Institute		303000141	43,690		-
Pass-Through Duke University		A034123	23,055		-
Pass-Through Duke University		A034672	195,741		-
Pass-Through Emmes Company, LLC		VRC612	471,360		-
Pass-Through Emory University		A289717	9,237		-
Pass-Through Emory University		A430721	45,774		-
Pass-Through Emory University		A430775	18,395		-
Pass-Through Emory University		A494986	53,397		-
Pass-Through Emory University		A508336	14,327		-
Pass-Through Emory University		A542102	61,494		-
Pass-Through Emory University		A550520	14,153		-
Pass-Through Emory University		A609541	79,921		-
Pass-Through Emory University		UM1AI148684	24,377		-
Pass-Through FHI 360		Signed 06.09.2021	27,705		-
Pass-Through Fred Hutchinson Cancer Research Center		0000847962	1,644		-
Pass-Through Fred Hutchinson Cancer Research Center		0000871889	292		-
Pass-Through FZata, Inc		Signed 10/27/2020	3,206		-
Pass-Through Geneva Foundation		S-11143-01	30,802		-
Pass-Through Harvard University		123842	362,310		-
Pass-Through Henry M. Jackson Foundation		3475	37,398		-
Pass-Through Humanetics Corporation		52525	398,932		-
Pass-Through Icahn School of Medicine at Mount Sinai		0255E3834609	106,892		-
Pass-Through Innovation Pathways LLC		Signed 11-11-2022	223,220		-
Pass-Through Integrated Bio Therapeutics		1R01AI126587-03A1	117,332		-
Pass-Through Integrated Bio Therapeutics		R41AI147929	118,690		-
Pass-Through Integrated BioTherapeutics		R43ANTHRAX	142,691		-
Pass-Through Integrated BioTherapeutics		RO1126587UMD01	165,767		-
Pass-Through INTRALYTIX		1U01AI148054-01	86,923		-
Pass-Through Johns Hopkins School of Hygiene/Public Health		2004180213	10,193		-
Pass-Through Johns Hopkins Health System Corporati		2004782026	12,747		-
Pass-Through Johns Hopkins University School of Medicine		2003443759	101,388		-
Pass-Through Johns Hopkins University School of Medicine		2004782026	16,226		-
Pass-Through Johns Hopkins University School of Medicine		2004952905	6,325		-
Pass-Through Johns Hopkins University School of Medicine		2005089759	129,394		-
Pass-Through Johns Hopkins University School of Medicine		2005470494	40,230		-
Pass-Through Johns Hopkins University School of Medicine		signed 05232022	17,690		-
Pass-Through Johns Hopkins University School of Medicine		2003673194	77		-
Pass-Through KinaRx, LLC		73136-z0218201	1,197		-
Pass-Through Massachusetts General Hospital		239761	30,223		-
Pass-Through Michigan State University		5U01AI126610	289,160		-
Pass-Through Michigan State University		RC107329UMAR	138,431		-
Pass-Through Michigan State University		RC110323UMB	114,439		-
Pass-Through Mount Sinai		0255-A651-4609	171,213		-
Pass-Through Mount Sinai		0255-B003-4609	10,437		-
Pass-Through New York Medical College		124540	8,394		-
Pass-Through New York University		19-A1-00-1002528	40,297		-
Pass-Through New York University		21-A1-00-1004803	15,812		-
Pass-Through Pataign		1R43AI162525-01A1	33,373		-
Pass-Through Research Institute at Nationwide Children's Hospital		Subaward 700176-0821-00	18,063		-
Pass-Through Rutgers, the State University of New Jersey		Subaward 1602	293,602		-
Pass-Through Sanaria Incorporated		02853100001	3,043		-
Pass-Through Sanaria Incorporated		20041855	69,168		-
Pass-Through Sanaria Incorporated		22020847	24,766		-
Pass-Through Sanaria Incorporated		Grant #1U01AI155356	34,821		-
Pass-Through University of North Carolina at Chapel Hill		5125065	2,335		-
Pass-Through University of New York at Buffalo		R1193050	168,786		-
Pass-Through University of Alabama at Birmingham		000522323-SC001	23,595		-
Pass-Through University of Alabama at Birmingham		000523949-SC001-Tet	141,584		-
Pass-Through University of Alabama at Birmingham		000525803-SP001-SC001-Moh	171,387		-
Pass-Through University of California		9256SC	5,996		-
Pass-Through University of Chicago		AWD100765	250,979		-
Pass-Through University of Colorado Denver		FY211043002	14,608		-
Pass-Through University of Massachusetts Medical School		OSP3129200	19,960		-
Pass-Through University of Michigan-Ann Arbor		SUBK00006140	91,582		-
Pass-Through University of Minnesota		H0065874101	309,992		-
Pass-Through University of Notre Dame		203504UMB	40,955		-
Pass-Through University of Pennsylvania		SU19AI131130-03	31,527		-
Pass-Through University of Pittsburgh		AWD00002200 (134324-2)	152,687		-
Pass-Through University of Pittsburgh		CNVAA00062471	189,380		-
Pass-Through University of Science, Techniques & Tec		USTTB-UMB/1RO1AI50534-01A1	5,808		-
Pass-Through University of Tennessee Health Science		21-3765	65,957		-
Pass-Through University of Utah		1R01AI135114-01A1/10048013-01	70,965		-
Pass-Through Washington University		WU-21-17-MOD-1	601,184		-
Pass-Through West Virginia University Research Corp		18-543-UMB	111,769		-
Total ALN 93.855 Allergy and Infectious Diseases Research			84,056,695		12,903,702

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
Biomedical Research and Research Training	93.859		19,309,080		595,067
Pass-Through Amherst College		300029JUMD	10,030		-
Pass-Through Amherst College		GRT00170JUMD	113,875		-
Pass-Through Arizona State University		NO-17-019	8,655		-
Pass-Through Athena Environmental Sciences, Inc.		2022-2622	17,265		-
Pass-Through Chesapeake Genomics, LLC		Agreement Dated 12/2/2021	146,825		-
Pass-Through Johns Hopkins University School of Medicine		2005398660	27,554		-
Pass-Through Johns Hopkins University		K12GM123914	31,633		-
Pass-Through Massachusetts Institute of Technology		110822	18,460		-
Pass-Through Massachusetts Institute of Technology		S5482	79,446		-
Pass-Through Mayo Clinic, Rochester		212181-00002	82,972		-
Pass-Through SeeTrue Technology		R43-0319	1,413		-
Pass-Through The Ohio State University Research Foundation		GR110071 (60067256)	167,575		-
Pass-Through The Scripps Research Institute		5-53670	46,609		-
Pass-Through University of Cincinnati		011131	3,140		-
Pass-Through University of Michigan		3004636404	127,692		-
Pass-Through University of Michigan		3004754357 PO 3006663416	54,175		-
Pass-Through University of Michigan		3004764254 PO 3006154674	120,823		-
Pass-Through University of Michigan		3004764254 PO 3006662237	94,372		-
Pass-Through University of Michigan		SUBK00010313	33,685		-
Pass-Through Maryland Developmental Disabilities Council		22CS1	34,980		-
Total ALN 93.859 Biomedical Research and Research Training			20,530,259		595,067
COVID-19 Child Health and Human Development Extramural Research	93.865		457,191		9,039
Child Health and Human Development Extramural Research			11,777,802		3,123,253
Pass-Through George Washington University		22-M01	1,610		-
Pass-Through Georgetown University		412428_GR412396-UMB	225,901		-
Pass-Through National Disease Research Interchange		141146	74,328		-
Pass-Through Pennsylvania State University		S000170DHHHS	15,327		-
Pass-Through Temple University of The Commonwealth System of Higher Education		266827-UMB	7,276		-
Pass-Through University of California Irvine		20201395	3,673		-
Pass-Through University of Houston		R190001	208,259		-
Pass-Through University of Illinois at Chicago		18157	34,914		-
Pass-Through University of Pennsylvania		579496	12,237		-
Pass-Through University of South Florida		6201-1196-00-A	38,253		-
Pass-Through Washington University		PO ST00005764 / WU-22-0263	9,797		-
Pass-Through Washington University		WU-19-338-MOD-2	11,017		-
Total ALN 93.865 Child Health and Human Development Extramural Research			12,877,585		3,132,292
COVID-19 Aging Research	93.866		70,967		-
Pass-Through Mass General Brigham Incorporated		123975	70,967		-
Aging Research			16,282,918		1,628,905
Pass-Through Brown University		00001784	34,565		-
Pass-Through Cleveland Clinic Lerner College of Medicine of CWRU		932SUB	43,317		-
Pass-Through Cleveland Clinic Lerner College of Medicine of CWRU		CCF21060423	27,978		-
Pass-Through Georgia State University		SP00015287-01	103,790		-
Pass-Through Indiana University		8546	114,679		-
Pass-Through Johns Hopkins University School of Medicine		2004469844	44,363		-
Pass-Through Johns Hopkins University School of Medicine		2004835025	46,882		-
Pass-Through Johns Hopkins University School of Medicine		200488026	70,726		-
Pass-Through Johns Hopkins University School of Medicine		2004951349	33,764		-
Pass-Through Johns Hopkins University School of Medicine		2005138644	18,246		-
Pass-Through Johns Hopkins University School of Medicine		R21AG061851/2005207243	165,890		-
Pass-Through Johns Hopkins University		2004168191	95,024		-
Pass-Through Johns Hopkins University		2004894866	56,263		-
Pass-Through Montclair State University		1R01AG067836-UMB	271,334		-
Pass-Through Northern California Institute for Research and Education		STE2196-04	31,479		-
Pass-Through Ridgeline Therapeutics		U44AG074107	42,351		-
Pass-Through Pennsylvania State University		5641-UMB-DHHS-4425	36,280		-
Pass-Through University of California		10479SC	59,380		-
Pass-Through University of Kansas Center for Research		FY2019-088-M3	28,907		-
Pass-Through University of Massachusetts Medical School		osp2018112	51,971		-
Pass-Through University of Massachusetts, Amherst		OSP27336-S1	28,174		-
Pass-Through University of Michigan		SUBK00010576 PO3005775330	3,046		-
Pass-Through University of Pittsburgh		AWD0001055 (134265-3)	57,516		-
Pass-Through University of Southern California		140893827	52,413		-
Pass-Through Wake Forest University Health Sciences		776101720336752	69,738		-
Pass-Through Wake Forest University		7-101720-336752	28,004		-
Pass-Through Washington University		WU-20-483	85,931		-
Pass-Through Washington University		WU-22-0483	67,696		-
Pass-Through Wright State University		6713401	8,197		-
Total ALN 93.866 Aging Research			18,131,789		1,628,905
Vision Research	93.867		3,868,544		628,865
Pass-Through Georgia Tech Research Corporation		AWD-003315-S1	23,381		-
Pass-Through Johns Hopkins University		2002896506	70		-
Pass-Through Johns Hopkins University		2003370123	127,108		-
Pass-Through New York Univ/Medical Center		16-A0-00-005168-01	10,466		-
Pass-Through University of Houston		R210001	242,232		-
Pass-Through University of Miami Miller School of Medicine		SPC-000265	1,230		-
Pass-Through University of North Carolina at Chapel Hill		5116337	55,002		-
Pass-Through Vasoptic Medical Inc.		R43EY030798-S1901	40,895		-
Pass-Through Yale University		GR104901CON80001550	118,234		-
Pass-Through Yale University		GR107487CON80001910	111,122		-
Total ALN 93.867 Vision Research			4,598,284		628,865
Medical Library Assistance	93.879		2,251,027		307,795
Block Grants for Prevention and Treatment of Substance Abuse	93.959		33,595		-
Pass-Through Carroll County Health Department		02-F-17/18	33,595		-
Total ALN 93.959 Block Grants for Prevention and Treatment of Substance Abuse			33,595		-
International Research and Research Training	93.989		532,712		271,122
Pass-Through Center for Bioethics and Research, Nigeria		Signed 12-08-2021	56,601		-
Total ALN 93.989 International Research and Research Training			589,313		271,122
Intergovernmental Personnel Act	93.IPA		88,614		-

See accompanying Notes to Schedule of Expenditures of Federal Awards

**STATE OF MARYLAND
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Federal Agency/Program and Cluster Title	Assistance Listing Number	Pass-Through Entity Identifying Number	Total Federal Expenditures	Cluster Total	Passed Through to Subrecipients
COVID-19 Research and Development - U.S. Department of Health and Human Services	93.RD		207,259		150,196
Pass-Through Boston Children's Hospital		GENFD0001998517	65,156		-
Pass-Through Icahn School of Medicine at Mount Sinai		025806864609	175,615		-
Pass-Through Johns Hopkins University School of Medicine		HHSN272201400007C	110,825		-
Pass-Through Mount Sinai		0258-0686-4609	292,944		-
Pass-Through Mount Sinai		0258-0689-4609	207,529		-
Research and Development - U.S. Department of Health and Human Services			15,368,112		825,819
Pass-Through Alliance for Clinical Trials in Oncology		CCT# 4482-20	1,426		-
Pass-Through Battelle Memorial Institute		768163	59,580		-
Pass-Through Bayshore Community Counseling Services		21020825	107,219		-
Pass-Through Calla Health Foundation		22020580	75,821		-
Pass-Through Carroll County Health Department		02-F-17/18	104,961		-
Pass-Through Center for Social Innovation		4R44MH111283-02	24,387		-
Pass-Through Geneva Foundation		V12VAXHFRS-03/V00479	191,666		-
Pass-Through Icahn School of Medicine at Mount Sinai		025806624609	193,590		-
Pass-Through Icahn School of Medicine at Mount Sinai		0258A5044609	282,783		-
Pass-Through Icahn School of Medicine at Mount Sinai		0258B5044609	7,461		-
Pass-Through Innovation Pathways LLC		HHSN272201800012C	3,601		-
Pass-Through Leidos, Inc		SA21009	786		-
Pass-Through Marinus Pharmaceuticals		1042-SE-3003	4,662		-
Pass-Through Mass General Brigham Incorporated		CALGB/Alliance for	3,427		-
Pass-Through NRG Oncology Foundation Inc.		NRG-GY019	1,425		-
Pass-Through Rutgers, the State University of New Jersey		Signed 09.14.20	110,455		-
Pass-Through SilcsBio LLC		2R44GM130198-02A1	161,359		-
Pass-Through Southwest Research Institute		N99006VE2	80,430		-
Pass-Through SRI International		43558	454,498		-
Pass-Through SRI International		62395	554,528		-
Pass-Through The Danya Institute Inc.		21020840	18,337		-
Pass-Through Thomas Jefferson University		080-03000-X158xx	22,004		-
Pass-Through University of California Los Angeles		1638PZA036	9,271		-
Pass-Through University of Texas at San Antonio		1000001529	16,542		-
Pass-Through VLP Biotech, Inc.		5R44AI088919	166,389		-
Pass-Through Washington University		WU-20-342-MOD-1	11,125		-
Total ALN 93.RD Research and Development - U.S. Department of Health and Human Services			19,095,173		978,015
COVID-19 Contract/Other	93.999				
Pass-Through Johns Hopkins University		Unknown	476,597		28,093
Pass-Through Vysnova Partners, Inc.		SC-75D30120C08405	840,515		-
Total ALN 93.999 Contract/Other			1,317,112		28,093
Total U.S. Department of Health and Human Services			367,338,424		44,602,078
Executive Office of the President					
Research and Data Analysis	95.007		3,835,756		3,092,108
Total Executive Office of the President			3,835,756		3,092,108
Social Security Administration					
Social Security - Work Incentives Planning and Assistance Program	96.RD		3,150		-
Total Social Security Administration			3,150		-
U.S. Department of Homeland Security					
Assistance to Firefighters Grant	97.044		69,889		-
Centers for Homeland Security	97.061		26		-
Pass-Through University of Alaska Anchorage		P0530573	280		-
Total ALN 97.061 Centers for Homeland Security			306		-
Homeland Security Grant Program	97.067				
Pass-Through Government of the District of Columbia Homeland Security		20UASI19001	178,839		-
Total ALN 97.067 Homeland Security Grant Program			178,839		-
Research and Development - U.S. Department of Homeland Security	97.RD		788,923		68,778
Pass-Through Oak Ridge Institute for Science		DE-SC0014664	36,269		-
Pass-Through RTI International		1312021828866615L	59,293		-
Total ALN 97.RD Research and Development - U.S. Department of Homeland Security			884,485		68,778
Total U.S. Department of Homeland Security			1,133,519		68,778
U.S. Agency for International Development					
USAID Foreign Assistance for Programs Overseas	98.001		-		-
Pass-Through Eastern Virginia Medical School		No. UCC-21-007	43,835		-
Pass-Through International Institute of Tropical Agriculture		22010332	28,352		-
Pass-Through Kansas State University		A2001635017	39,729		-
Pass-Through Mississippi State University		19390031245515	37,593		-
Pass-Through The National Academies - National Academy		20000010805	36,596		-
Total ALN 98.001 USAID Foreign Assistance for Programs Overseas			186,105		-
Total U.S. Agency for International Development			186,105		-
Total Research and Development Cluster				\$ 823,015,290	
Total Expenditures of Federal Awards			\$ 26,371,882,464		\$ 2,413,221,640

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, 2022

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 principles contained in 2 CFR Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) except for the expenditures for the Coronavirus Recovery Fund (CRF) and Coronavirus State and Local Recovery Fund (ALN 21.019 and 21.027, respectively). The 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.

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 (SEFA) 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, 2022 reflects Assistance Listing changes published in SAM through June 30, 2022.

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, 2022**

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
COVID-19 Pandemic EBT Food Benefits	10.542	\$ 325,572,692
Supplemental Nutrition Assistance Program	10.551	2,477,917,258
COVID-19-Emergency Food Assistance Program	10.569	1,701,970
Emergency Food Assistance Program (Food Commodities)	10.569	9,679,862
Donation of Federal Surplus Personal Property	33.003	22,994,741
COVID-19 - Immunization Cooperative Agreements	93.268	32,205,665
Immunization Cooperative Agreements	93.268	5,465,076
Total		<u>\$ 2,875,537,264</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	\$ 369,105,483
Federal UC Benefits	6,462,149
COVID-19 Federal UC Benefits	1,295,490,880
COVID-19 Federal UC Administrative Costs	7,384,684
Federal UC Administrative Costs	206,680,560
Total Benefits	<u>\$ 1,885,123,756</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.

**STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2022**

NOTE 7 LOAN PROGRAMS

The outstanding loan balances as of June 30, 2021, and loan expenditures for the year ended June 30, 2022, are considered current-year federal expenditures. These amounts are reported on the Schedule of Expenditures of Federal Awards.

University System of Maryland

The System administers the following Federal Student Financial Assistance Programs:

Assistance Listing	Outstanding Balance as of June 30, 2022
84.038 Perkins Loan Programs	\$ 15,709,241
93.264 Nurse Student Loan Program	329,486
93.342 Health Professions Students, Including Primary Care Loans/Loans for Disadvantaged Students	6,630,701
Total	\$ 22,669,428

St. Mary's College of Maryland

The College administers the Federal Perkins Loan Program – Federal Capital Contributions (Assistance Listing Number 84.038). The College received no Federal funds under the Program for the fiscal year ended June 30, 2022. The outstanding loan balance of \$107,539 as of June 30, 2021, and the outstanding loan balance of \$103,616 for the fiscal year ended June 30, 2022, are not considered current year Federal expenditures. The College did not issue new loans during the fiscal year ended June 30, 2022.

During the fiscal year ended June 30, 2022, 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, 2022, 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, 2022, are reported in the Schedule of Expenditures of Federal Awards.

Assistance Listing	Outstanding Loan Balance as of June 30, 2022
84.032 Stafford Loan Program	\$ 4,131,117
93.264 Nurse Student Loan Program	1,861,128
Total	\$ 5,992,245

STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2022

NOTE 7 LOAN PROGRAMS (CONTINUED)

Morgan State University

The University administers the Federal Perkins Loan Program – Federal Capital Contributions (Assistance Listing Number 84.038). The outstanding loan balance of \$3,124,356 as of June 30, 2021, less the Perkins Loan funds returned to the federal government of \$83,085 netting to \$3,047,271 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, 2022, the University processed \$50,456,252 in new loans under the Federal Direct Loan Program (Assistance Listing Number 84.268). Since this program is administered by outside financial institutions, the new loans made in the fiscal year that ended June 30, 2022, 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, 2022, 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 2022, FEMA approved approximately \$3,048,650 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 2022, the state received cash rebates from infant formula manufacturers in the amount of \$88,153,097 based on the sale of formula to participants in the WIC program (Assistance Listing Number 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. In addition, State received temporary increase in the WIC Cash-Value Voucher/Benefit (CVV/B) for fruit and vegetable purchases through the end of fiscal year 2022 totaling \$5,556,303 under the Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act 2022.

**STATE OF MARYLAND
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2022**

NOTE 10 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:

93.575 COVID-19 Child Care and Development Block Grant	\$	10,481
93.575 Child Care and Development Block Grant		391,733,498
93.596 Child Care Mandatory and Matching Funds of the Child Care and Development Fund		54,416,540
Total	<u>\$</u>	<u>446,160,519</u>

NOTE 11 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 \$186,500 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, 2022**

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? | <u> x </u> yes | <u> </u> no |
| • Significant deficiency(ies) identified? | <u> x </u> yes | <u> </u> none reported |
| 3. Noncompliance material to financial statements noted? | <u> </u> yes | <u> x </u> no |

Federal Awards

- | | | |
|---|--|-------------------------------|
| 1. Internal control over major federal programs: | | |
| • Material weakness(es) identified? | <u> x </u> yes | <u> </u> no |
| • Significant deficiency(ies) identified? | <u> x </u> yes | <u> </u> 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)? | <u> x </u> yes | <u> </u> no |

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

\$ 39,557,824

Auditee qualified as low-risk auditee?

 yes x no

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Section I – Summary of Auditors’ Results (Continued)

Identification of Major Federal Programs

Major Program	Assistance Listing	Opinion
Child and Adult Food Care Program	10.558	Unmodified
COVID 19:Emergency Rental Assistance Program	21.023	Unmodified
COVID-19: Coronavirus State and Local Recovery Funds	21.027	Qualified
Rehabilitation Services - Vocational Rehabilitation Grants to States	84.126	Unmodified
Student Financial Aid Cluster (SFA)	84.007, 84.033, 84.038, 86.063, 84.268, 84.379, 84.408, 93.264, 93.342, 93.364	Unmodified
COVID-19: Education Stabilization Fund	84.425 C, D,E,F, J, L, R, U,W	Unmodified
Global AIDS	93.067	Qualified
Immunization Cooperative Agreements	93.268	Unmodified
COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) and Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) and	93.323	Unmodified
Child Support Enforcement	93.563	Unmodified
Research and Development Cluster	RD. Various	Unmodified
Medicaid Cluster	93.775, 93.777, 93.778	Qualified
COVID-19 – Medicaid Cluster	93.775, 93.777, 93.778	Qualified
Children Health Insurance Program (CHIP)	93.767	Qualified

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

Section II – Financial Statement Findings

Finding 2022-001 – Department of Health (MDH) – Inventory:

Material Weakness

Condition

The Department of Health did not have adequate controls over the record keeping over inventory to properly account for purchases, transfers, and disbursements. In addition, a physical inventory count was not performed to reconcile the financial records to the inventory items on-hand.

Criteria

The State's Inventory Control Manual establishes policies and procedures for materials and supplies maintained in inventory that State Agencies are required to follow. Agency requirements related to record-keeping, physical inventory counts, and reconciliations for materials and supplies are described in Section II.05 of the manual.

In addition, COSO/Internal Control Framework defines control activities as "policies and procedures that help ensure management's directives are carried out." Management review controls are defined as, "the activities of a person, different than the preparer, through analyzing and performing oversight of activities performed, and is an integral part of any internal control structure."

Context

Our audit procedures detected a material misstatement related to the inventory balance as of year-end.

Effect

Adjustments were required to be made to the accounting records to properly state the Department's inventory.

Cause

The Department of Health did not follow the State's internal control policies and procedures outlined in the Inventory Control Manual, which caused inventory to be improperly valued as of year-end.

Recommendation

We recommend that MDH reviews its policies and procedures that address the maintenance of adequate records of all inventory purchases, transfers, and disbursements, as well as annual inventory counts, to ensure existence and proper valuation of inventory. These policies and procedures should include requirements that management review and verify the policies and procedures are followed effectively.

Management Response

Agrees with finding

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

Section II – Financial Statement Findings (Continued)

Finding 2022-002 – Statewide – Easements

Significant Deficiency

Condition

The Statewide Fixed Asset Training Manual instructs Agencies to classify easements as a category under “Structures & Improvements” and amortize them over a useful life of 40 years.

Criteria

GASB Statement No. 51, *Accounting and Financial Reporting for Intangible Assets*, states that “intangible assets with indefinite useful lives should not be amortized unless their useful life is subsequently determined to no longer be indefinite due to a change in circumstances.”

Context

During our testing of easements, we noted that easements with indefinite useful lives were being amortized. Our audit procedures detected misstatements related to the treatment of easements with indefinite useful lives.

Effect

Adjustments were required to be made to the accounting records to adjust the balances of easements with indefinite useful lives that were being amortized.

Cause

The portion of the State’s Fixed Asset Training Manual related to easements was not in accordance with GASB Statement No. 51, *Accounting and Financial Reporting for Intangible Assets*.

Recommendation

We recommend that the Statewide Fixed Asset Training manual is updated to reflect that easements are classified as intangible assets and should not be amortized unless they have a definite life.

Management Response

Agrees with finding

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Section II – Financial Statement Findings (Continued)

Significant Deficiency

Finding 2022-003 – General Accounting Division (GAD) – GASB Statement No. 87, Leases, Implementation

Condition

An error was made when calculating present values of the new and existing leases, causing the lease asset, lease liability, interest payable, interest expense, depreciation expense, and accumulated depreciation to be double counted. In addition, a lease was identified that was improperly excluded from the population of leases that was evaluated for changes for the implementation of Governmental Accounting Standards Board (GASB) Statement No. 87, *Leases*. In addition, the lease policy was not updated to reflect changes in accounting due to the implementation of the new standard.

Criteria

COSO/Internal Control Framework defines control activities as “policies and procedures that help ensure management’s directives are carried out.” Management review controls are defined as, “the activities of a person, different than the preparer, through analyzing and performing oversight of activities performed, and is an integral part of any internal control structure.”

In June 2017, GASB issued GASB Statement No. 87, *Leases*. This standard requires the recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and as inflows of resources or outflows of resources recognized based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this standard, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources.

Context

Our audit procedures detected misstatements related to the implementation of GASB 87.

Effect

During our testing of the implementation of GASB 87, we identified an error that caused all lease-related balances to be double-counted. Additionally, we identified a lease that was improperly excluded from the State’s population that was evaluated for inclusion in the implementation journal entries. It was also noted that the State’s lease policy was not updated to reflect changes related to the implementation of GASB 87.

Adjustments were required to be made to the accounting records to properly state the leased assets, lease liabilities, and expenses related to the lease implementation.

Cause

The GAD’s internal controls over the implementation of GASB Statement No. 87, *Leases*, did not ensure proper valuation of the various account balances affected by the implementation, completeness of the population of leases evaluated, or that the lease policy was updated to reflect the related changes.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Section II – Financial Statement Findings (Continued)

Recommendation

We recommend that GAD strengthens its policies and procedures related to the implementation of new accounting pronouncements, as well as update the lease policy to reflect changes related to the implementation of GASB Statement No. 87, *Leases*.

Management Response

Agrees with finding

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

Section III – Findings and Questioned Costs – Major Federal Programs

Summary of Federal Award Findings

Finding Number	Assistance Listing #	Repeat Finding	Federal Program/ Cluster Name	Internal Control		Compliance	Compliance Requirement
				Material Weakness	Significant Deficiency		
2022-004	93.067	2021-004	Global AIDS	x		x	Reporting- Schedule of Expenditure of Federal Awards
2022-005	93.067	No	Global AIDS	x		x	Reporting – Federal Funding Accountability and Transparency Act (FFATA)
2022-006	93.067	No	Global AIDS		x	x	Reporting - Notice of Award
2022-007	93.067	No	Global AIDS		x	x	Procurement, Suspension and Debarment
2022-008	84.425 E, F, J	2021-004	COVID-19 - Education Stabilization Fund (ESF)		x		Reporting- Schedule of Expenditure of Federal Awards
2022-009	84.425 F	2021-007	COVID-19 - Education Stabilization Fund (ESF)		x	x	Suspension and Debarment
2022-010	84.425 E, F	2021-006	COVID-19 - Education Stabilization Fund (ESF)		x	x	Reporting- HEERF
2022-011	84.425 F	2021-005	COVID-19 - Education Stabilization Fund (ESF)		x	x	Allowable Cost and Activities- Payroll
2022-012	84.063, 84.268	No	Student Financial Assistance Cluster		x	x	Special Tests and Provision- NSLDS Enrollment Reporting
2022-013	84.063, 84.268	No	Student Financial Assistance Cluster		x	x	Special Tests and Provision- NSLDS Timely Reporting
2022-014	84.063,84.007, 84.268, 84.379	No	Student Financial Assistance Cluster		x	x	Eligibility
2022-015	84.063,84.007, 84.268, 84.379	No	Student Financial Assistance Cluster		x	x	Special Tests and Provision- R2T4
2022-016	84.268	No	Student Financial Assistance Cluster		x	x	Special Tests and Provisions - Direct Loan Reconciliation
2022-017	84.063, 84.268	No	Student Financial Assistance Cluster		x	x	Special Tests and Provision- NSLDS Program-Level Reporting
2022-018	84.077, 84.033, 84.038, 84.063, 84.268, 84.379	No	Student Financial Assistance Cluster		x	x	Special Tests and Provision- NSLDS Error Reporting
2022-019	84.038	No	Student Financial Assistance Cluster		x	x	Special Tests and Provisions - Perkins Record Keeping and Retention
2022-020	84.063	No	Student Financial Assistance Cluster		x	x	Eligibility
2022-021	93.323	No	COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) and Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)		x	x	Procurement/Suspension and Debarment

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Finding Number	Assistance Listing #	Repeat Finding	Federal Program/ Cluster Name	Internal Control		Compliance	Compliance Requirement
				Material Weakness	Significant Deficiency		
2022-022	93.323	2021-008	COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) and Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)		x	x	Reporting – Federal Funding Accountability and Transparency Act (FFATA)
2022-023	93.323, 93.268	2021-011	COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) and Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) and Immunization Cooperative Agreement		x		Cash Management
2022-024	93.268	No	Immunization Cooperative Agreement		x	x	Period of Performance- Obligation period
2022-025	93.775, 93.777, 93.778	No	Medicaid Cluster, COVID-19 – Medicaid Cluster		x	x	Special Tests and Provisions: In-Patient and Long-term care audits
2022-026	93.775, 93.777, 93.778, 93.767	2021-019	Medicaid Cluster, COVID-19 – Medicaid Cluster Children Health Insurance Program (CHIP)		x	x	Special Tests and Provisions: Refunding of Federal Share of Medicaid Overpayments to Providers
2022-027	93.775, 93.777, 93.778, 93.767	No	Medicaid Cluster, COVID-19 – Medicaid Cluster Children Health Insurance Program (CHIP)		x		Reporting - SF 425, Federal Financial Reporting
2022-028	93.775, 93.777, 93.778, 93.767	2021-015	Medicaid Cluster, COVID-19 – Medicaid Cluster Children Health Insurance Program (CHIP)	x		x	Reporting – Federal Funding Accountability and Transparency Act (FFATA)
2022-029	93.775, 93.777, 93.778	No	Medicaid Cluster, COVID-19 – Medicaid Cluster		x	x	Special Tests and Provisions: Medical National Correct Initiative (NCCI)
2022-030	21.027	No	COVID-19 - Coronavirus State and Local Relief Funds (CSLRF)	x		x	Allowed Costs- Improper Payments
2022-031	21.027	No	COVID-19 - Coronavirus State and Local Relief Funds (CSLRF)		x	x	Suspension and Debarment

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-004

Prior Year Finding: 2021-004

Federal Agency: U.S. Department of Health and Human Services

State Agency: University of Maryland, Baltimore

Federal Program: Global AIDS

Assistance Listing Number: 93.067

Federal Award Identification Number and Year: NU2GG5002172 (5/1/2019 – 9/29/25), NU2GGH002123 (9/30/2018 - 9/29/2023), NU2GGH002201 (9/30/2019 – 9/29/2024)

Compliance Requirement: Financial Reporting – Schedule of Expenditure of Federal Awards

Award Year July 1, 2021-June 30, 2022

Type of Finding: Material Weakness in Internal Control Over Compliance, Material Noncompliance

Criteria or Specific Requirement:

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).

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.

Condition:

The Schedule of Expenditures of Federal Awards (SEFA) contained errors and incorrect information which affected the major program determination. The University System of Maryland (USM) finance office requires each institution to report federal expenditure activity as part of the year-end closing process. The reported information is used to compile the annual Schedule of Expenditures of Federal Awards (SEFA).

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

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

The federal expenditures provided by the University of Maryland, Baltimore (UMB) contained errors. The institution incorrectly identified Research and Development Cluster expenditures and incorrectly reported non-federal expenditures as federal.

Context:

The following SEFA errors were noted:

- UMB: incorrectly reported \$47,320,606 as Research & Development Cluster, when the expenditures related to a non- Research & Development program that should have been classified as expenditures for the Global AIDS program (Assistance Listing 93.067).

- UMB incorrectly reported non-federal cost share in the amount of \$12,694,467 as federal expenditures.

Cause:

UMB Sponsored Projects Accounting and Compliance (SPAC) has been challenged by high turnover and staffing shortages for many years, compounded by a 2019 Financial System implementation and the Covid pandemic. Pervasive vacancies hindered SPAC's ability to provide comprehensive training, which impacted the ability to deliver an accurate product to the System within the set deadlines.

Effect:

The SEFA was not prepared in accordance with OMB requirements and resulted in an incorrect major program risk assessment for federal programs.

Questioned Costs: None

Recommendation: We recommend that UMB review and revise its current reporting procedures and review requirements to ensure that federal expenditures are properly identified and classified.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-005

Prior Year Finding: No

Federal Agency: U.S. Department of Health and Human Services

State Agency: University of Maryland, Baltimore

Federal Program: Global AIDS

Assistance Listing Number: 93.067

Federal Award Identification Number and Year: NU2GGH002123 (09/30/2018-02/28/2023)
NU2GGH001962 (09/30/2016-11/30/2021)

Compliance Requirement: Reporting – Federal Funding Accountability and Transparency Act (FFATA)

Award Year July 1, 2021- June 30, 2022

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.

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 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:

University of Maryland, Baltimore (UMB) did not report subaward information in accordance with the Federal Funding Accountability and Transparency Act (FFATA).

Questioned Costs: None

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

Six of Six subawards selected for testing were not reported to Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS). During fiscal year 2022, subawards were obligated on September 30, 2021, and January 1, 2022, should have been reported to FSRS by October 30, 2021 and February 2, 2022, respectively. The Institution did not report any subawards until 10/3/2022.

NOTE 1 TRANSACTIONS TESTED	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
6	6	0	0	0
Dollar Amount of Tested Transactions	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
\$5,347,691	\$5,347,691	\$0	\$0	\$0

Cause:

Pervasive staffing shortages and leadership turnover contributed to this issue.

Effect:

UMB is not compliance with federal reporting requirements.

Recommendation: We recommend that the Institution develop internal controls and procedures to ensure that all required subawards are reported in accordance with FFATA requirements.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-006

Prior Year Finding: No

Federal Agency: U.S. Department of Health and Human Services

State Agency: University of Maryland, Baltimore

Federal Program: Global AIDS

Assistance Listing Number: 93.067

Federal Award Identification Number and Year: NU2GGH002201 (09/30/2020-09/29/2021)
NU2GGH001976 (09/30/2020-12/31/2021)

Compliance Requirement: Reporting

Award Year July 1, 2021- June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or Specific Requirement:

Compliance: In accordance with the grantor's Notice of Award:

1. Notice of Award for NU2GGH002201, the institution must submit an annual report of Foreign Taxes, even if the recipient did not pay any taxes during the reporting period.
2. Notice of Award for NU2GGH002201 and NU2GGH001976, quarterly tax reports shall be submitted no later than two weeks following the end of each quarter.

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 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 Institution did not submit reports in accordance with the grantor's requirements. The notice of award identified program specific reporting requirements which were applicable to the grants under audit. We noted that the following as a result of testing:

- The institution did not submit an annual tax report for NU2GGH002201.
- The institution did not submit timely quarterly tax reports.

Questioned Costs: None

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

The Institution did not submit the annual tax report for NU2GGH002201, and 2 out of 8 quarterly tax reports tested were not submitted within two weeks following the end of the quarter.

Cause:

Staff did not track and follow-up with reporting requirements.

Effect:

UMB is not in compliance with the grantor's requirements.

Recommendation:

We recommend the institution develop procedures to review and identify all grantor reporting requirements and establish procedures and internal controls to ensure compliance with requirements.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-007

Prior Year Finding: No

Federal Agency: U.S. Department of Health and Human Services

State Agency: University of Maryland, Baltimore

Federal Program: Global AIDS

Assistance Listing Number: 93.067

Federal Award Identification Number and Year: NU2GGH001962 (09/30/2020-11/30/2021)
NU2GGH002123 (09/30/2021-09/29/2022)
NU2GGH002172 (09/30/2021-09/29/2022)

Compliance Requirement: Procurement, Suspension and Debarment

Award Year July 1, 2021-June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or Specific Requirement:

Internal Control: Per 2 CFR 200.213 Suspension and Debarment restricts awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs or activities.

Compliance: CFR 180.300 states that an entity may determine suspension and debarment status by:

- (a) Checking SAM Exclusions; or
- (b) Collecting a certification from that person; or
- (c) Adding a clause or condition to the covered transaction with that person.

Per 2 CFR 200.317 When procuring property and services under a Federal award, a State must follow the same policies and procedures it uses for procurements from its non-Federal funds. The State will comply with §§ 200.321, 200.322, and 200.323 and ensure that every purchase order or other contract includes any clauses required by § 200.327. All other non-Federal entities, including subrecipients of a State, must follow the procurement standards in §§ 200.318 through 200.327.

Condition:

UMB was unable to provide support to test the procurement method. Furthermore, the documentation to support the vendor's suspension debarment status was not available for review.

Questioned Costs: None, the vendors were not suspended or debarred per SAM.gov

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

The suspension and debarment status for three out of eight vendors/subawards selected for testing was not documented before the contract date.

2 out of 12 transactions were not tested for procurement.

Cause:

Pervasive staffing shortages and leadership turnover contributed to this issue.

Effect:

Federal funds may be paid to parties that are ineligible to participate in a federal program.

Recommendation:

We recommend the Institution evaluate its policies procedures to ensure that suspension and debarment requirements are being met prior to entering into transactions with vendors and subrecipients.

We recommend the institution maintain proper documentation in order to be in compliance with the requirement above.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-008
Prior Year Finding: 2021-004
Federal Agency: U.S. Department of Education
State Agency: Bowie State University
Federal Program: Education Stabilization Fund (ESF)
Assistance Listing Number: 84.425 E, F, J
Federal Award Identification Number and Year: P425E202510 (4/25/2020-6/7/2022), P425F200656 (5/4/2020-6/7/2022), P425J00103 (5/1/20-5/11/22)
Compliance Requirement: Reporting – Schedule of Expenditure of Federal Awards
Award Year: July 1, 2021-June 30, 2022
Type of Finding: Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement:

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).

Compliance: For purposes of SEFA and Data Collection Form (Form SF-SAC) reporting, auditees should identify the individual subprogram(s) the funds were expended under, including each separate Assistance Listing Number (ALN) with the applicable alpha character. A total for the ESF in its entirety should also be provided. Auditees may need to determine which subprogram funds were expended through review of grant documents and inquiry of the source agency.

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.

Condition:

The federal expenditures provided by Bowie State University (BSU) contained errors. BSU did not separately identify the federal expenditures for ESF by the sub-programs. We noted that the federal expenditures for ALN 84.425 E, F, J were reported as one expenditure. U.S. Treasury requires the program expenditures to be separately identified by the sub program letter on the SEFA and federal clearing house submission.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

The Schedule of Expenditures of Federal Awards (SEFA) contained errors and incorrect information which affected the major program determination. The University System of Maryland (USM) finance office requires each institution to report federal expenditure activity as part of the year-end closing process. The reported information is used to compile the annual Schedule of Expenditures of Federal Awards (SEFA).

Questioned costs: None

Context:

For three out of three grants awarded to BSU, the federal expenditures were not separately identified for the ESF program.

Cause:

The cause in the errors in the SEFA were the result of not properly reporting expenditures to the correct ALN in the accounting records.

Effect: The SEFA was not prepared in accordance with OMB requirements and may affect the major program risk assessment.

Recommendation: We recommend that BSU review its current procedures to ensure that the federal program and assistance listing number are correct and accurately reflect the federal program expenditures.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-009

Prior Year Finding: 2021-007

Federal Agency: U.S. Department of Education

State Agency: Coppin State University (CSU), Bowie State University (BSU), University of Baltimore (UB)

Federal Program: Education Stabilization Fund

Assistance Listing Number: 84.425F

Federal Award Identification Number and Year: P425F202045 (5/7/20 – 5/12/22), P425F200656 (5/4/20 – 6/7/22), P425F203179-20B (5/18/20 – 3/20/22) and July 1, 2021 – June 30, 2022

Compliance Requirement: Suspension and Debarment

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: Per 2 CFR 200.213 Suspension and Debarment restricts awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs or activities.

2 CFR 180.300 states that an entity may determine suspension and debarment status by:

- (a) Checking SAM Exclusions; or
- (b) Collecting a certification from that person; or
- (c) Adding a clause or condition to the covered transaction with that person.

Condition: The Institutions did not maintain documentation of a vendor’s suspension and debarment status.

Questioned costs: None

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

The suspension and debarment status of the following vendors was not provided.:

- Bowie State University – Three out of three
- Coppin State University – Five out of five
- University of Baltimore – One out of one

Cause:

University of Baltimore - The Institution's Procurement office was unaware of the suspension and debarment verification requirement for all federally funded procurements \$25,000 or more.

Bowie State University - Procurement has always checked the debarment/suspension status of a vendor before entering into a federally funded contract in excess of \$25,000. However, we did not have a formal process in place to document this procedure.

Coppin State University (CSU): The University procurement process includes the State Bid/Proposal Affidavit used for all State of Maryland solicitations for contracts. The University has relied on this document to satisfy the suspension and debarment requirements with the procurement process.

Effect:

Federal funds may be paid to parties that are ineligible to participate in a federal program.

Recommendation:

We recommend the Institution evaluate its policies procedures to ensure that suspension and debarment requirements are being met prior to entering into transactions with vendors.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-010

Prior Year Finding: 2021-006

Federal Agency: U.S. Department of Education

State Agency: Frostburg State University (FSU), University of Maryland Global Campus (UMGC), University of Maryland Baltimore County (UMBC), Towson University (TU), University of Baltimore (UB), Coppin State University (CSU), and Salisbury University (SU)

Federal Program: Education Stabilization Fund (ESF)

Assistance Listing Number: 84.425E, F

Federal Award Identification Number and Year: P425E200585 (4/22/20 – 5/18/22), P425E202510 (4/25/20 – 6/7/22), P425F200656 (5/4/20 – 6/7/22), P425E202187 (4/24/20 – 5/12/22), P425F202045 (5/7/20 – 5/12/22), P425F201854-20B (5/6/20 – 1/16/22), P425F203160-20B (5/18/20 – 1/14/22), P425E202964-20B (4/25/20 – 3/19/22), P425E202924-20B (4/25/20 – 3/20/22), P425E200233-20B (4/20/20 – 1/16/22) and July 1, 2021 – June 30, 2022

Compliance Requirement: Reporting - HEERF

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance – Per Federal Register Notice of Public Posting Requirement of Grant Information for Higher Education Emergency Recovery 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.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Condition:

The Institutions did not comply with the reporting and information-sharing requirements in accordance with the grantor's requirements. We identified numerous errors and noncompliance due to inaccurate or missing documentation, untimely reporting, and misreporting of financial data.

The following errors and noncompliance were identified:

State Agency	Type of Report (# of Reports with Errors)	Specific Condition(s)
Related to Inaccurate or Missing Supporting Documentation:		
FSU	Student (1)	# of Eligible Students, # of Students that Received Funding, Amount of Funding Disbursed
BSU	Annual (1)	All amounts do not tie to Support
UMBC	Student (1)	# of Eligible Students did not tie to Support

Related to Timeliness of Reporting:		
CSU	Student (1) & Institutional (1)	3/31/22 Quarter Ending Reports not submitted timely
UMGC	Institutional (1)	12/31/21 Quarter Ending Report not submitted timely
Related to Other Conditions:		
UB	Student (1)	Reported Cumulative Amounts for # of Eligible Students, # of Students that Received Funding, Amount of Funding Disbursed
CSU	Student (1)	Reported Cumulative Amounts for # of Eligible Students, # of Students that Received Funding, Amount of Funding Disbursed
SU	Student (1)	Reported Cumulative Amounts for # of Eligible Students, # of Students that Received Funding, Amount of Funding Disbursed

Questioned costs: None

Context:

The following student quarterly reports were incorrectly reported:

- Frostburg – one out of one
- UB – one out of one
- CSU – one out of one
- Salisbury – one out of one

The following institutional quarterly reports were incorrectly reported:

- Coppin – one out of one
- UMGc – one out of one

The following annual reports were incorrectly reported:

- BSU – one out of one

Cause:

- Frostburg State University – The institution did not maintain the supporting documents.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

- Bowie State University – The reports were prepared by various staff, excluding Accounting. There was no coordination to ensure that all the supporting documentation could be reproduced as should be.
- Coppin State University –
 - Quarterly report: The University completed the HEERF reporting requirement as initially understood and reported totals cumulatively without providing a quarterly breakout.
 - Timeliness: For the one reporting period identified the reporting deadline was on a Sunday therefore the University posted its reports on the following business day unaware this would be considered non-compliant.
- University of Maryland, Global Campus – The institution failed to meet the reporting deadline
- University of Maryland, Baltimore County – Our enrollment reporting was accurate as of the date reported. However, when changes are made to our student enrollment system through routine withdrawals, transfers, enrollments after the reporting date, the data changes retroactively in the system. Therefore the system was unable to recreate the enrollment census as of the date in question.
- University of Baltimore – The Department of Education announced there would a forthcoming combined institutional and student aid reporting form. It was later announced to begin using this report for the Q2 2022 reporting period. It was an oversight that the HEERF III FAQ's were updated on October 25, 2021 to indicate reporting quarterly disbursement amounts prior to using the new form. The Federal Register Notice of Public Posting Requirement of Grant Information for Higher Education Emergency Recovery Fund (HEERF) Grantees dated 5/13/21 also says to report total amounts and does not specify if that is total amounts for the quarter or total cumulative amounts since receipt of the grant.
- Salisbury University – Salisbury University misinterpreted federal reporting regulations for the student portion of HEERF. The guidance did not explicitly state that the report should provide quarter activity as opposed to cumulative activity to date. Furthermore, all of our reports were accepted by the U.S. Department of Education hence there was no indication that we were preparing them incorrectly.

Effect:

The Institutions are not in compliance with the reporting and information-sharing requirements.

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, 2022**

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

Reference Number: 2022-011

Prior Year Finding: 2021-005

Federal Agency: U.S. Department of Education

State Agency: University of Maryland, College Park

Federal Program: Education Stabilization Fund (ESF)

Assistance Listing Number: 84.425 F

Federal Award Identification Number and Year: P425F201686-20B (5/6/20 – 3/19/22)

Compliance Requirement: Allowable Cost and Activities- Payroll

Award Year: July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

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.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Condition:

The Institution did not adjust the employee's payroll costs to reflect the reported effort. We noted that the actual time and effort charged to the grant did not agree to the time and effort report. The allocation to the grant per the time and effort documentation was 70%, did not agree the actual effort charged to the grant, which was 63%.

Context:

For one out of fifteen samples selected for testing, the required time and effort did not agree to the employee's time and effort report.

Questioned costs: \$262, represents the difference between the actual and allocated time and effort.

Cause: The error was due to the manually intensive process of accumulating and accounting for costs associated with various activities performed related to COVID-19 mitigation and testing.

Effect: Unallowed costs may be charged to the grant.

Recommendation: We recommend that the Institution consistently performed internal procedures to ensure that errors and irregularities are prevented and/or detected 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, 2022**

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

Reference Number: 2022-012

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: University of Maryland, Global Campus; University of Maryland, Baltimore County; University of Maryland, Eastern Shore; Bowie State University

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.063, 84.268

Federal Award Identification Number and Year: P268K2211566, P063P211566, P268K22017, P063P210178, P268K220164, P063P210164, P268K220622, P063P210622 and July 1, 2021, through June 30, 2022

Compliance Requirement: Special Tests and Provisions – NSLDS Enrollment Reporting

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: The Code of Federal Regulations, 34 CFR 685.309(b), states that: Institutions must have some arrangement to report student enrollment data to NSLDS through an enrollment roster file. The institution is required to report changes in the student’s enrollment status, the effective date of the status, and an anticipated completion date. Also, the Code of Federal Regulations, 34 CFR 682.610, states that institutions must report accurately the enrollment status of all students regardless if they receive aid from the institution or not.

Institutions must have some arrangement to report student program enrollment effective date and status to NSLDS.

Condition: During testing of the enrollment status reporting, we noted that the incorrect enrollment status was reported to NSLDS.

Questioned costs: None

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

The enrollment data was incorrectly reported by the following Institutions:

1. University of Maryland, Global Campus: two out of the thirteen students
2. University of Maryland, Baltimore County: one out of the three students
3. Bowie State University: two out of the three students
4. University of Maryland, Eastern Shore: one out of the one student.

Cause:

UMGC - Under normal circumstances, all spring degrees are conferred on May 30th, and then all students whose status has changed to graduated, are updated in NSLDS. However, this student forgot to apply for graduation and missed the conferral deadline. When the student contacted the university on 7/20/22 to explain their mistake, an exception was made for the student, and their spring degree was conferred on 7/22/22. However, as this conferral occurred outside of the normal conferral window, it wasn't reported to NSLDS.

UMBC – There is a PeopleSoft system issue that does not identify and report correctly when a student has enrollment activity for current and future terms.

BSU - Significant staff changes. With the early retirement incentives offered by the state of Maryland in Fall 2021, Bowie State University offices saw significant staffing changes within a very short period of time. This sudden shift in staff had a direct impact on office procedures related to the reporting of status changes to NSLDS, causing untimely reporting to the National Student Clearinghouse. Upon speaking with the Clearinghouse on March 17, 2023, the Office of the Registrar found that student enrollment statuses that were considered to be untimely were never updated with NSLDS. The Office of the Registrar is working with the National Student Clearinghouse to identify the most efficient way to update the records for the students that were included in the untimely report.

UMES - The cause of the NSLDS findings is a result of not continuously submitting the necessary data to NCH in a timely manner. This will be rectified in the University's corrective action plan.

Effect: Student enrollment status was not reported accurately to NSLDS.

Recommendation: The Institution should evaluate their procedures and policies related to reporting status changes to NSLDS and enhance as deemed necessary to ensure that accurate information is reported to NSLDS.

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, 2022**

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

Reference Number: 2022-013

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: University of Maryland, Global Campus; University of Maryland, Baltimore; Bowie State University; University of Maryland, Eastern Shore

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.063, 84.268

Federal Award Identification Number and Year: P268K2211566, P063P211566, P268K22017, P063P210178, P268K220164, P063P210164, P268K220622, P063P210622 and July 1, 2021, through June 30, 2022

Compliance Requirement: Special Tests and Provisions – NSLDS enrollment-Timely Reporting

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: The Code of Federal Regulations, consisting of 34 CFR 685.309 and 34 CFR 690.83(b)(2), requires that enrollment status changes for students be reported to NSLDS within 30 days or within 60 days if the student with the status change will be reported on a scheduled transmission within 60 days of the change in status. Additionally, institutions are required to certify enrollment at a minimum of every 60 days or every other month.

Condition:

The Institutions did not comply with the NSLDS enrollment reporting requirement. We noted that the status change was submitted to NSLDS after the 60-day due date. The enrollment report was not certified every 60 days during the student’s enrollment.

Questioned costs: None

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

The untimely reporting occurred for the following Institutions:

- University of Maryland, Global Campus; 1 out of 13 students
- University of Maryland, Baltimore; 1 out of 10 students
- Bowie State University; 2 out of 3 students
- University of Maryland, Eastern Shore; 1 out of 1 student

The untimely certification of enrollment (at a minimum) every 60 days occurred for the following Institutions:

- University of Maryland, Eastern Shore; 1 out of 1 student

Cause:

UMGC - The reporting schedule used by UMGC didn't take into account a minority population of students whose enrollment status could change as a result of earning an FN grade. As a result, that population of students wasn't updated within a timely manner.

UMB certified this student's withdrawal for National Student Clearinghouse (NSC) reporting to NSLDS 60 days after the enrollment status change. Processing times resulted in a slight delay.

BSU - Significant staff changes. With the early retirement incentives offered by the state of Maryland in Fall 2021, Bowie State University offices saw significant staffing changes within a very short period of time. This sudden shift in staff had a direct impact on office procedures related to the reporting of status changes to NSLDS, causing untimely reporting to the National Student Clearinghouse. Upon speaking with the Clearinghouse on March 17, 2023, the Office of the Registrar found that student enrollment statuses that were considered to be untimely were never updated with NSLDS. The Office of the Registrar is working with the National Student Clearinghouse to identify the most efficient way to update the records for the students that were included in the untimely report.

UMES The cause of the NSLDS findings is a result of not continuously submitting the necessary data to NCH in a timely manner. This will be rectified in the University's corrective action plan.

Effect: The NSLDS system is not updated to accurately report student's information which may affect awarding of assistance. The risk of duplication of an award increases if a student transfers to another institution, and inaccurate information is used to determine eligibility.

Recommendation: The Institution should review its reporting procedures to ensure that students' statuses are timely reported to NSLDS as required by Federal regulations.

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, 2022**

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

Reference Number: 2022-014

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: Bowie State University

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.063, 84.007, 84.268, 84.379

Federal Award Identification Number and Year: P268K220164, P063P210164, P007A211726, P033A211726 and July 1, 2021, through June 30, 2022

Compliance Requirement: Eligibility

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or Specific Requirement:

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).

Compliance: CFR 668.32 contains rules by which a student establishes eligibility for assistance under the title IV, HEA programs. In order to qualify as an eligible student, a student must meet all applicable requirements in this subpart.

Condition: BSU was unable to provide adequate documentation to support eligibility for students receiving student financial assistance. We identified the following eligibility documentation as not being readily available for review:

- Professional Judgement Documentation
- Review & Approval by SFA Department of Award Process
- Academic Calendar for the Fiscal Year
- LEU Calculation for Pell Recipients
- Cost of Attendance Documentation
- Master Promissory Note for one student
- COD Screenshot for Verification
- FSA History for Transfer Students
- SAP Explanation
- Entrance Counseling for TEACH Participant

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

The Institution was unable to provide the proper supporting documentation to verify the student's eligibility for 3 out of 3 students tested.

Cause: The Bowie State University Office of Financial Aid experienced significant staff changes beginning in Summer 2021. Although there has been an effort to replace staff, these staff changes continue to impact the workloads of remaining staff. The inability to provide the documentation requested above was caused by these extreme time constraints and effective workload management.

Effect:

The Institution is unable to support eligibility of students receiving financial assistance.

Questioned Costs: None

Recommendation: We recommend the Institution maintain proper documentation in order in accordance with federal grantor requirements and ensure that the documents are readily available for review upon request.

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, 2022**

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

Reference Number: 2022-015

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: Bowie State University

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.063, 84.007, 84.268, 84.379

Federal Award Identification Number and Year: P268K220164, P063P210164, P007A211726, P033A211726 and July 1, 2021, through June 30, 2022

Compliance Requirement: Special Tests and Provisions - R2T4

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or Specific Requirement:

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).

Compliance: In accordance with 34 CFR 668.22(a)(1), when a recipient of Title IV grant or loan assistance withdraws from an institution during a payment period or period of enrollment in which the recipient began attendance, the institution must determine the amount of Title IV grant or loan assistance that the student earned as of the student’s withdrawal date.

Condition:

The Institution was unable to provide documentation to support the return of funds based on the results of the R2T4 calculation.

Context:

Three out of three students selected for testing.

Cause:

The Bowie State University Office of Financial Aid experienced significant staff changes beginning in Summer 2021. Although there has been an effort to replace staff, these staff changes continue to impact the workloads of remaining staff. The inability to provide the documentation requested above was caused by these extreme time constraints and effective workload management.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Effect:

The Institution is not compliant with the grantor's requirements and timely remitting any refunds of financial assistance to the grantor.

Questioned Costs: None.

Recommendation:

We recommend the Institution review the R2T4 requirements and implement procedures to ensure award adjustments, as determined by the R2T4 calculations, are recorded in the student's account, and refunds are returned to the grantor 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, 2022**

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

Reference Number: 2022-016
Prior Year Finding: No
Federal Agency: U.S. Department of Education
State Agency: Frostburg State University
Federal Program: Student Financial Assistance Cluster
Assistance Listing Number: 84.268
Federal Award Identification Number and Year: P268K221551 July 1, 2021, through June 30, 2022
Compliance Requirement: Special Tests and Provisions - Direct Loan Reconciliation
Award Year July 1, 2021 – June 30, 2022
Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or Specific Requirement:

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).

Compliance: The Code of Federal Regulations, 34 CFR 685.300(b)(5) requires the College on a monthly basis, to reconcile the institutional records with the Direct Loan funds received from the Secretary and the Direct Loan disbursement records submitted to and accepted by the Secretary.

Condition:

The Institution did not consistently perform the direct loan reconciliations between the COD, G5 and student accounts on a monthly basis.

Questioned Costs: None

Context: Frostburg State University did not perform monthly reconciliations over Direct Loan funds for twelve out of twelve months.

Cause:

Due to a 100% turn over in staff beginning in 2021, the Financial Aid Office had very limited leadership. Towards the end of January 2023, two previous experienced staff members were re-hired and are placing compliance as an issue to resolve as soon as possible.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Effect:

The Institution is not compliant with federal requirements and their internal procedures.

Recommendation:

The Institution should consistently performed their procedures to ensure that federal requirements are met, and errors and irregularities are identified 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, 2022**

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

Reference Number: 2022-017

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: University of Maryland, Global Campus; University of Maryland, Baltimore; Morgan State University

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.063, 84.268

Federal Award Identification Number and Year: P268K220622, P063P210622, P063P211565, P268K221565, P063P210175, P268K220175 – July 1, 2021, through June 30, 2022

Compliance Requirement: Special Tests and Provisions – NSLDS Program-Level Reporting

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: Per the *NSLDS Enrollment Reporting Guide*, institutions are required to report Program-Level Enrollment data. Included in this required reporting is the following:

- Program Begin Date, defined as the date the student first began attending the program being reported.
- CIP Code – The six-digit Classification of Instructional Programs Code
- Credential Level
- Published Program Length should be reported based on the definition of “normal time” to completion in the regulations at 34 CFR 668.41(a), as follows:
 - If the institution has published, in its catalog, on its website, or in any promotional materials, the length of the program in weeks, months, or years, the program length reported must be the same as the program length that the institution has published.
 - If the institution has not published a program length and the program is an associate or bachelor’s degree program, the program length to be reported should be two years (associate) or four years (bachelor), respectively, unless the academic design of the program makes it longer or shorter than typical.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

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

- For all other programs for which the institution has not published a program length, the program length is based on the institution's determination of how long, in weeks, months, or years, the program is designed for a full-time student to complete.

Condition:

The NSLDS program-level report contained errors that were not identified by the Institution's internal review process. We noted the following errors:

1. Program-Level Enrollment data: students are not reported with the correct program begin dates.
2. Program-Level Enrollment data: no CIP code was reported.
3. Program-Level Enrollment data: Credential Level reporting was not completed.
4. Program-Level Enrollment data, the Published Program Length did not agree to the information reported to NSLDS.

Questioned Costs: None

Context:

1. Errors in the program begin date:
 - a. University of Maryland, Global Campus: three out of the thirteen students
2. Error due to lack of CIP Code:
 - a. University of Maryland, Baltimore: One out of the ten students
3. Credential Level reporting not performed:
 - a. University of Maryland, Baltimore: One out of the ten students
4. Published Program Length did not agree to the information reported to NSLDS:
 - a. University of Maryland, Global Campus: One out of the thirteen
 - b. University of Maryland, Baltimore.: One out of the ten students
 - c. Morgan State University: Four out of the four students tested for.

Causes:

- UMGC –
 - Program Begin Date – The Program Begin Date wasn't reported correctly for these students due to the way in which the university processes mid-term changes to academic program/plans. The program start date reported to NSLDS didn't accurately reflect the date in which they changed their program.
 - Published Program Length - The Published Program Length in Years was calculated by NSLDS to be 2.268 years. This is because the Weeks in Title IV Academic Year value that was passed to NSLDS for this program caused NSLDS to calculate Published Program Length in Years incorrectly. UMGC maintains two distinct academic calendars with very different term structures. We have both a 3-term academic calendar under which some programs are scheduled, and a 4-term academic calendar under which other programs are scheduled. Given the unique challenges of having to support enrollment reporting for two different term structures simultaneously, and system limitations within our student information system, the 34-week value, normally associated with our 3-term structure, was incorrectly reported to NSLDS for this student's 4-term program.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

- UMB - UMB's Student Information Management System (Banner) uses a code to identify any students who apply for financial aid with UMB but never enroll in classes. The code is transmitted to the National Student Clearing House (NSC) for reporting to NSLDS. Historically, NSC would recognize and convert the UMB code for reporting to NSLDS. However, NSC discontinued reporting this code. This change necessitated development of a manual process to accomplish what was formerly completed automatically.

- Morgan – the program length was reported as 6-years due to the mission of Morgan and the population of students.

Effect:

The Institution is not compliant with grantor's reporting requirements.

Recommendation:

The Institution should review their procedures and enhance reporting accurate Program-Level Data to NSLDS.

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, 2022**

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

Reference Number: 2022-018

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: University of Baltimore

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.077, 84.033, 84.038, 84.063, 84.268, 84.379

Federal Award Identification Number and Year: P077A211782, P033A201782, P268K211563, P063P211563 – July 1, 2021, through June 30, 2022

Compliance Requirement: Special Tests and Provisions – NSLDS Error Reporting

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: All institutions participating (or approved to participate) in the Federal Student Aid programs must have an arrangement to report student enrollment data to the NSLDS through a Roster file. Rosters must be returned within 15 days and any subsequent error records must be returned within 10 days (34CFR section 682.610).

Condition:

National Student Loan Data System (NSLDS) rosters yielded error records for student enrollment data that were not corrected and resubmitted within the required 10 days. The University did not perform the process for the entire year.

Questioned costs: None

Context:

Twelve out of twelve monthly submissions were not resubmitted within the required 10-days.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Cause:

File submissions created in the student system and later adjusted to add withdraw dates began creating multiple errors that were not discovered until after submission and too numerous to resolve in the mandated ten days.

Effect:

The Institution was not compliant with the NSLDS error reporting requirements.

Recommendation:

We recommend that the Institution review its reporting procedures to ensure the data file is corrected and resubmitted to the grantor within the 10-day time period.

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, 2022**

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

Reference Number: 2022-019

Prior Year Finding: No

Federal Agency: U.S. Department of Education

State Agency: University of Baltimore; University of Maryland, Eastern Shore

Federal Program: Student Financial Assistance Cluster

Assistance Listing Number: 84.038

Federal Award Identification Number and Year: N/A - July 1, 2021, through June 30, 2022

Compliance Requirement: Special Tests and Provision - Perkins Record Keeping and Retention

Award Year: July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: The Code of Federal Regulations, consisting of 34 CFR 674.19 and 34.668.24:An institution shall retain a record of disbursements for each loan made to a borrower on a Master Promissory Note (MPN). This record must show the date and amount of each disbursement.

For any loan signed electronically, an institution must maintain an affidavit or certification regarding the creation and maintenance of the institution’s electronic MPN or promissory note, including the institution’s authentication and signature process in accordance with the requirements of § 674.50(c)(12).

An institution shall maintain a repayment history for each borrower. This repayment history must show the date and amount of each repayment over the life of the loan. It must also indicate the amount of each repayment credited to principles, interest, collection costs, and either penalty or late charges.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Period of retention of disbursement records, electronic authentication and signature records, and repayment records:

- An institution shall retain disbursement and electronic authentication and signature records for each loan made using an MPN for at least three years from the date the loan is canceled, repaid, or otherwise satisfied.
- An institution shall retain repayment records, including cancellation and deferment requests for at least three years from the date on which a loan is assigned to the Secretary, canceled or repaid.

Condition:

We were unable to obtain and review student loan files to support the Institution's disbursement of program funds.

Fiscal records must be maintained in order to demonstrate the institution is capable of meeting the administrative and fiscal requirements for participating in the FSA programs and to also demonstrate the student was eligible for the funds received and the funds were disbursed in accordance with program regulations.

Questioned costs: None

Context:

The files were not available for review at the follow Institutions:

- University of Baltimore: four out of twenty-four students
- University of Maryland Eastern Shore: two out of thirty-two students

Cause:

UB - University of Baltimore submitted original materials to ECSI for full assignment to Department of Education without retaining an electronic copy of the specific sample.

UMES - The Institution had identified that the files were missing prior to the audit selection process. The entire file portfolio was reviewed on several occasions to locate the files and the files were not located. The files were dated back to 1969 and 1988.

Effect:

The Institutions are unable to support compliance with program requirements.

Recommendation:

The Institution should review its procedures surrounding record keeping and retention for Perkins Loans to ensure files are maintained for at least three years from the date the loan is canceled, repaid, or otherwise satisfied.

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, 2022**

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

Reference Number: 2022-020
Prior Year Finding: No
Federal Agency: U.S. Department of Education
State Agency: University of Maryland, Baltimore
Federal Program: Student Financial Assistance Cluster– Federal Pell Grant Program
Assistance Listing Number: 84.063
Federal Award Identification Number and Year: P063P211565 and July 1, 2021, through June 30, 2022
Compliance Requirement: Eligibility
Award Year July 1, 2021 – June 30, 2022
Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matters

Criteria or specific requirement:

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).

Compliance: The Code of Federal Regulations, 34 CFR 690.62 states the Pell grant for an academic year is based upon the payment and disbursement scheduled published by the Secretary for each award year. The payment schedules take into account the cost of attendance, the student’s EFC and the enrollment status of the student.

Condition:

The institution did not include the summer enrollment for the student’s award computation, and the student was under awarded Pell funds.

Questioned costs:

The student was under awarded Pell funds of \$769.

Context:

One of the sixty students were under awarded Pell grant funds.

Cause:

UMB’s system automatically calculates award amounts for students enrolled in fall or spring semesters. This student enrolled in 3 credits for the summer term and was missed by the automated process.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

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

Effect: Students were under awarded/over awarded Pell funds.

Recommendation:

We recommend that a review is implemented which compares enrolled credits to Pell award to ensure all Pell funds are awarded at proper amounts.

Views of responsible officials: Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-021
Prior Year Finding: No

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

Federal Award Identification Number and Year: 6NU50CK000506 (8/1/2019 – 7/31/2024)

Compliance Requirement: Procurement, Suspension and Debarment

Award Year: July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

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 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).

Compliance: Per 2 CFR 200.317, When procuring property and services under a Federal award, a State must follow the same policies and procedures it uses for procurements from its non-Federal funds. The State will comply with §§ 200.321, 200.322, and 200.323 and ensure that every purchase order or other contract includes any clauses required by § 200.327. All other non-Federal entities, including subrecipients of a State, must follow the procurement standards in §§ 200.318 through 200.327.

2 CFR section 200.318, which include oversight of contractors’ performance, maintaining written standards of conduct for employees involved in contracting, awarding contracts only to responsible contractors, and maintaining records to document history of procurements. 2 CFR 200.213 Suspension and Debarment restricts awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs or activities.

2 CFR 180.300 states that an entity may determine suspension and debarment status by:

- (a) Checking SAM Exclusions; or
- (b) Collecting a certification from that person; or
- (c) Adding a clause or condition to the covered transaction with that person.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Condition:

The documentation to support the procurement process and vendor's suspension and debarment status was not readily available for review. States are required to develop and implement procurement procedures which includes maintaining documentation of the process.

Context:

Two of the Twelve vendors selected for testing did not have evidence of the procurement process.

Eight of the Eleven vendors selected for testing did not have evidence of the vendor's suspension and debarment process before the contract date.

Cause:

The Department did not have the documentation readily available for review.

Effect:

The Department is unable to document compliance with the State's procurement process and that the vendor was eligible to participant in a federal program.

Questioned costs:

None noted, CLA reviewed SAMs.gov and determined that the vendor's were not suspended or debarment at the time of the audit.

Recommendation:

We recommend that the Department review and enhance current procedures and internal controls to ensure that the procurement procedures, including a vendor's suspension and debarment status, are properly documented. The information should be readily available upon request.

Views of responsible officials: Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-022
Prior Year Finding: 2021-008
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

**Federal Award Identification
Number and Year:** 6NU50CK000506 (8/1/2019 – 7/31/2024)

Compliance Requirement: Reporting – Federal Funding Accountability and
Transparency Act (FFATA)

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control Over Compliance,
Other Matters

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.

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 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 subaward information to Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) in accordance with the Federal Funding Accountability and Transparency Act (FFATA). The subawards for fiscal year 2022 were issued in July 2021 and not reported to Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) until October 2022.

The Department completed the reporting requirement in response to the fiscal year 2021 single audit finding issued in September 2022.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

Nine of nine subawards selected for testing were not reported to FSRS in accordance with FFATA's requirements. Subawards were obligated on July 1, 2021, should have been reported to FSRS by August 30, 2021, but the Department did not report any subawards until October 2, 2022.

NOTE 1 TRANSACTIONS TESTED	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
9	0	9	0	0
Dollar Amount of Tested Transactions	Subaward not reported	Report not timely	Subaward amount incorrect	Subaward missing key elements
\$11,034,289	\$0	\$11,034,289	\$0	\$0

Cause:

The Department completed the reporting requirement in response to the fiscal year 2021 single audit finding issued in September 2022.

Effect:

The Department is not compliant with the FFATA reporting requirement.

Questioned costs:

None noted.

Recommendation:

We recommend that the Department develop internal controls and procedures to ensure that all required subawards are reported to FSRS in accordance with FFATA reporting requirement.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-023

Prior Year Finding: 2021-011

Federal Agency: U.S. Department of Health and Human Services

State Agency: Department of Health

Federal Programs: COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
Immunization Cooperative Agreement

Assistance Listing Number: 93.323, 93.268

Federal Award Identification Number and Year: 6NU50CK000506 (8/1/2019 – 7/31/2024)

Award Year: 6NH23IP922632 (7/1/2019 – 6/30/2024)
July 1, 2021 – June 30, 2022

Compliance Requirement: Cash Management

Type of Finding: Significant Deficiency in Internal Control Over Compliance

Criteria or specific requirement:

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 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 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.

The Department’s cash draw responsibility is centralized, the finding affects multiple programs with the Department.

Context:

Five of the five ELC cash draws requested for testing did not have evidence of supervisory review.

Eight of the eight immunization cash draws requested for testing did not have evidence of supervisory review.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Cause:

The Department experienced changes in program personnel which resulted in a shortage of staff which contributed to inconsistent or lack of supervisory review of cash draw requests.

Effect:

The Department's does not have consistent internal controls that will prevent and/or detect errors and irregularities in a timely manner.

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, 2022**

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

Reference Number: 2022-024
No

Prior Year Finding: U.S. Department of Health and Human Services

Federal Agency: Department of Health

State Agency: Immunization Cooperative agreements

Federal Program:

Assistance Listing Number: 93.268

Federal Award Identification Number and Year: 6NH23IP922632 (7/1/2019 – 7/31/2024)

Compliance Requirement: Period of Performance- Obligation Period

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

Compliance: A non-federal entity may charge only allowable costs incurred during the approved budget period of a federal award's period of performance and any costs incurred before the federal awarding agency or pass-through entity made the federal award that were authorized by the federal awarding agency or pass-through entity (2 CFR sections 200.308 200.309 and 200.403(h)). A period of performance may contain one or more budget periods.

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 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) charged expenditures to the grant after the 90-day obligation period. The Departments internal controls did not identify the errors during the review process.

Context:

Two of the seven expenditure transactions selected for testing were charged to the grant outside of the grant 90-day obligation period.

Cause:

The Department's review did not identify the error in the timely manner.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

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

Effect:

Expenditures charged outside the period of performance may be disallowed by the grantor.

Questioned costs:

\$14.30, reflects the expenditures charged to the grant outside of the period of availability.

Recommendation:

We recommend that the Department review and enhance current procedures to ensure that expenditures are charged to the grant within the period of performance.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-025
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
Federal Award Identification Number and Year: 2105MD5MAP (7/1/2021 – 9/30/2021), 2205MD5ADM (10/1/2021 – 12/31/2021), 2205MD5MAP (1/1/2022 – 3/31/2022), 2205MD5ADM (4/1/2022 – 6/30/2022)

Compliance Requirement: Special Tests and Provisions: In-Patient and Long-term care audits

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant deficiency in Internal Control Over Compliance< Other Matters

Criteria or specific requirement:

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 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).

Compliance: The SMA pays for inpatient hospital services and long-term care facility services through the use of rates that are economic and efficient and are in accordance with the state plan. To the extent the state pays reconciled costs, the SMA must provide for the filing of uniform cost reports for each participating provider in order to establish payment rates. The SMA must provide for the periodic audits of financial and statistical records of participating providers. The specific audit requirements will be established by the State plan (42 CFR 447.253).

Additionally, in accordance with COMAR 10.09.10.09b the State must rebase the cost center prices every 2 and 4 rate years.

Condition:

The Department of Health (Department) did not maintain or provide documentation to support monitoring activities over hospitals not selected for periodic audits. The state plan does not provide specific guidance on the monitoring of hospitals; however, there state is responsible for the Medicaid activities supported by federal funds. As such the Department’s internal controls over, allowable costs should ensure that all federal expenditures are subject to review.

The Department does not have procedures (perform desk reviews, random sampling of reports or expenditures) to address the risk of no audit.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

CLA selected a sample forty in-patient and long-term care facilities (hospitals (30) nursing home facilities (10)) for testing.

- For nine of the thirty hospitals selected for testing were not selected for audit since the inception of the contract in 2019. The Department did not provide documentation to support any alternative review of the hospitals' activities in lieu of the audit.

Cause:

There is no written requirement for all hospitals to have an audit, the Department relies on the annual risk assessment to determine which hospitals are audited. The Department has not implemented any procedures for hospitals that are not selected for audit.

Effect:

The risk of unallowed costs and/or activities is increased due to lack of monitoring activities.

Questioned costs:

N/A

Recommendation:

We recommend that the Department review and enhance current procedures and internal controls to develop procedures to address the risk of hospitals not subject to audit.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-026

Prior Year Finding: 2021-019 (Medicaid)

Federal Agency: U.S. Department of Health and Human Services

State Agency: Department of Health

Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Children Health Insurance Program (CHIP)

Assistance Listing Number: 93.775, 93.777, 93.778
93.767

Federal Award Identification Number and Year: Medicaid: 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)

CHIP: 2105MD5021 (10/1/2020 – 9/30/2022),
2205MD5021 (10/1/2021 – 9/30/2023)

Award Year July 1, 2021 – June 30, 2022

Compliance Requirement: Special Tests and Provisions: Refunding of Federal Share of Medicaid Overpayments to Providers

Type of Finding: Significant deficiency in internal control, Other matters

Criteria or specific requirement:

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 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).

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.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Condition:

The Department of Health (Department) did not report overpayment recoveries on the CMS-64 report as required by CMS. CMS requires recovered overpayments to 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.

We noted the following:

- Recovery received February 2021, expected to be reported on the quarter ending June 30, 2021, CMS-64, report. The recovery was reported on the September 30, 2022.
- Recovery received November 2021, expected to be reported on the quarter ending December 30, 2021, CMS-64, report. The recovery was reported on the September 30, 2022.

Context:

For two of five overpayment recoveries were not reported in accordance with CMS's requirements.

Cause:

The Department's procedures did not identify the unreported recovery.

Effect:

The Department is not in compliance with CMS reporting requirement.

Questioned costs:

none

Recommendation:

We recommend that the Department review and enhance current procedures and controls to ensure that recovery of overpayments are identified and reported in accordance with CMS's requirements.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-027
Prior Year Finding: No
Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Children’s Health Insurance Program (CHIP)

Assistance Listing Number: 93.775, 93.777, 93.778, 93.767

Federal Award Identification Number and Year: 2105MD5MAP (7/1/2021 – 9/30/2021),
2205MD5ADM (10/1/2021 – 12/31/2021),
2205MD5MAP (1/1/2022 – 3/31/2022),
2205MD5ADM (4/1/2022 – 6/30/2022)

2105MD5021 (10/1/2020 – 9/30/2022),
2205MD5021 (10/1/2021 – 9/30/2023)

Award Year July 1, 2021 – June 30, 2022

Compliance Requirement: Reporting – SF-425, Federal Financial Reporting

Type of Finding: Significant Deficiency in Internal Control Over Compliance

Criteria or specific requirement:

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 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 did not provide evidence of review and approval for the SF-425 report.

Context:

one of the two reports selected for testing did not have evidence of review and approval.

Cause:

The Department experienced changes in program personnel which resulted in a shortage of staff and contributed to inconsistent review of reports.

Effect:

The risk of reporting inaccurate and unreliable information increases due to inconsistent supervisory review.

Questioned costs:

None noted.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Recommendation:

We recommend that the Department review and enhance current procedures to ensure that reports are reviewed by an employee other than the preparer.

Views of responsible officials:

Management agrees with the finding.

STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022

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

Reference Number: 2022-028
Prior Year Finding: 2021-015 (Medicaid Cluster)

Federal Agency: U.S. Department of Health and Human Services
State Agency: Department of Health
Federal Program: Medicaid Cluster, COVID-19 – Medicaid Cluster
Children Health Insurance Program (CHIP)

Assistance Listing Number: 93.775, 93.777, 93.778
93.767

Federal Award Identification Number and Year: Medicaid: 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)

CHIP: 2105MD5021 (10/1/2020 – 9/30/2022),
2205MD5021 (10/1/2021 – 9/30/2023)

Award Year July 1, 2021 – June 30, 2022

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.

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 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, 2022**

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

Condition:

The Department of Health (Department) did not report subaward information to Federal Funding Accountability and Transparency Act Subaward Reporting System (FSRS) in accordance with the Federal Funding Accountability and Transparency Act (FFATA),

Context:

Medicaid: During fiscal year 2022, subawards were obligated on July 1, 2021, should have been reported to FSRS by August 30, 2021. Seven of the seven subawards selected for testing were not reported to FSRS during fiscal year 2022.

NOTE 1 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
\$24,218,150	\$24,218,150	\$0	\$0	\$0

CHIP: During fiscal year 2022, subawards were obligated on July 1, 2021, should have been reported to FSRS by August 30, 2021. Seven of the seven subawards selected for testing were not reported to FSRS.

NOTE 1 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
\$877,072	\$877,072	\$0	\$0	\$0

Cause:

The Department has not developed procedures an internal control to ensure that subawards are report in accordance with FFATA.

Effect:

The Department is not in compliance with FFATA reporting requirement.

Questioned costs:

None noted.

Recommendation:

We recommend that the Department develop internal controls and procedures to ensure that all required subawards are reported to FSRS in accordance with FFATA reporting requirement.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-029
Prior Year Finding: 2021-018
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
Federal Award Identification Number and Year: 2105MD5MAP (7/1/2021 – 9/30/2021),
2205MD5ADM (10/1/2021 – 12/31/2021),
2205MD5MAP (1/1/2022 – 3/31/2022),
2205MD5ADM (4/1/2022 – 6/30/2022)
Award Year July 1, 2021 – June 30, 2022
Compliance Requirement: Special Tests and Provisions: Medicaid National Correct Coding Initiative (NCCI)
Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

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, 2022**

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

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 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 has not fully implemented the six Medicaid NCCI methodologies as of June 30, 2022.

Context:

n/a

Cause:

The Department has not fully implemented the NCCI edits due to two critical technical and policy issues specific to Maryland. Despite these two issues, the Department has made many updates to its claims edits to fully honor the spirit of the NCCI.

Effect:

The Department is not compliant with the NCCI requirements.

Questioned costs:

none

Recommendation:

We recommend that the Department continue efforts to update the claims system to be fully compliant with the federal requirements.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-030
Prior Year Finding: No
Federal Agency: U.S. Department of Treasury
State Agency: Maryland Transportation Administration (MTA)
Federal Program: COVID-19 – Coronavirus State and Local Recovery Funds (CSLRF)
Assistance Listing Number: 21.027
Federal Award Identification Number and Year: None, 2024
Compliance Requirement: Allowable Cost: Improper Payment
Award Year: July 1, 2021 – June 30, 2022
Type of Finding: Material Weakness in Internal Control, Material Noncompliance

Criteria or specific requirement:

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 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).

Compliance: Under OMB guidance, Public Law (Pub. L.) No. 107-300, the Improper Payments Information Act of 2002, as amended by Pub. L. No. 111-204, the Improper Payments Elimination and Recovery Act, Executive Order 13520 on reducing improper payments, and the June 18, 2010 - Any payment that should not have been made or that was made in an incorrect amount, including an overpayment or underpayment, under a statutory, contractual, administrative, or other legally applicable requirement; and includes – (i) any payment to an ineligible recipient;(ii) any payment for an ineligible good or service; (iii) any duplicate payment; (iv) any payment for a good or service not received, except for those payments where authorized by law; and (v) any payment that does not account for credit for applicable discounts.

Condition:

MTA submitted CSLRF requests for the same program expenditures. MTA identified the error which resulted in a duplication of 207 transactions, totaling \$19,995,587. The error represents 7% of the total CSLRF expended by MTA during the year.

MTA has other eligible expenditures to replace the duplicated one and is expected to correct the error in fiscal year 2023; however, the costs are deemed as unallowed as of June 30, 2022. MTA’s review process did not identify the error in a timely manner.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Context:

Two hundred seven transactions were submitted twice.

Cause:

MTA has a process for review of all charges that are moved from State funds to Federal funds for the State ARPA (ALN 21.027). This process includes use of the Reference Document number to assure that we are always accessing the original document number. With this process, MTA has a procedure to check the reference document numbers for all charges to the State ARPA (ALN 21.027) to assure prior to the request that no charges have been duplicated. In this situation, the check procedure was not followed for the last set of funding requests in FY22 which created the duplicate.

Effect:

The program costs included in the duplicate expenditure request were unallowable.

Questioned costs:

None, MTA has other eligible costs that will be submitted as eligible and replace the duplicated costs.

Recommendation:

We recommend that MTA consistently perform its internal review process to ensure that program costs are accurately presented on reports and funding requests.

Views of responsible officials:

Management agrees with the finding.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Reference Number: 2022-031
Prior Year Finding: No
Federal Agency: U.S. Department of Treasury
State Agency: Maryland Transportation Administration (MDTA)
Federal Program: COVID-19 – Coronavirus State and Local Recovery Funds (CSLRF)

Assistance Listing Number: 21.027

Federal Award Identification Number and Year: None, 2024

Compliance Requirement: Suspension and Debarment

Award Year July 1, 2021 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control Over Compliance, Other Matters

Criteria or specific requirement:

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 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).

Compliance: 2 CFR section 200.318, which include oversight of contractors’ performance, maintaining written standards of conduct for employees involved in contracting, awarding contracts only to responsible contractors, and maintaining records to document history of procurements. 2 CFR 200.213 Suspension and Debarment restricts awards, subawards, and contracts with certain parties that are debarred, suspended, or otherwise excluded from or ineligible for participation in Federal assistance programs or activities.

2 CFR 180.300 states that an entity may determine suspension and debarment status by:

- (a) Checking SAM Exclusions; or
- (b) Collecting a certification from that person; or
- (c) Adding a clause or condition to the covered transaction with that person.

Condition:

The documentation to support the vendor’s suspension and debarment status was not readily available for review. States are required to develop and implement procurement procedures which includes maintaining documentation of the process.

Context:

Four of the Twelve vendors selected for testing did not have evidence of the vendor’s suspension and debarment process before the contract date.

**STATE OF MARYLAND
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2022**

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

Cause:

MTA did not have the documentation readily available for review.

Effect:

The Department is unable to document compliance with the federal requirement of determining and vendor's eligibility to participant in a federal program before the contract date.

Questioned costs:

None noted, CLA reviewed SAM.gov and determined that the vendor's were not suspended or debarment at the time of the audit.

Recommendation:

We recommend that the Department review and enhance current procedures and internal controls to ensure that the vendor's suspension and debarment status is documented. The Documentation is readily available for review upon request.

Views of responsible officials: Management agrees with the finding.