

The University of Alabama at Birmingham

**Report on Federal Awards in Accordance with the
OMB Uniform Guidance**

For the Year Ended September 30, 2021

EIN: 63-6005396

The University of Alabama at Birmingham

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For the Year Ended September 30, 2021

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Part I
Federal Award Programs



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

To the Board of Trustees of The University of Alabama:

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the business-type activities and the discretely presented component unit of The University of Alabama at Birmingham (“UAB”), a campus of the University of Alabama System, which is a component unit of the State of Alabama, which comprise the statements of net position as of September 30, 2021, and the related statements of revenues, expenses, and changes in net position and of cash flows (where applicable) for the year then ended, and the related notes to the financial statements, which collectively comprise UAB’s basic financial statements, and have issued our report thereon dated January 24, 2022. Our report includes a reference to other auditors who audited the financial statements of Southern Research Institute, as described in our report on UAB’s financial statements. 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 auditors. The financial statements of Triton Health Systems, L.L.C., UAB Athletics Foundation and UAB Research Foundation were not audited in accordance with *Government Auditing Standards* and accordingly, this report does not include reporting on internal control over financial reporting or instances of reportable noncompliance associated with the aforementioned component units.

Internal Control Over Financial Reporting

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

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

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



Compliance and Other Matters

As part of obtaining reasonable assurance about whether UAB's basic 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*.

Purpose of this Report

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

PricewaterhouseCoopers LLP

Birmingham, Alabama
January 24, 2022



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

To the Board of Trustees of The University of Alabama:

Report on Compliance for Each Major Federal Program

We have audited The University of Alabama at Birmingham's ("UAB"), a campus of The University of Alabama System, which is a component unit of the State of Alabama, compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of UAB's major federal programs for the year ended September 30, 2021. UAB's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

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

Auditors' Responsibility

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

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

Opinion on Each Major Federal Program

In our opinion, The University of Alabama at Birmingham complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended September 30, 2021.

Other Matters

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements



contained in the OMB Compliance Supplement, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 10 “Gramm-Leach-Bliley Act-Student Information Security.” This section includes three suggested audit procedures with respect to verification that the institution (1) designated an individual to coordinate the information security program, (2) performed a risk assessment that addresses the three required areas in 16 CFR 314.4(b), and (3) documented a safeguard for each risk identified. Our procedures in relation to these three items were limited to inquiry of and obtaining written representation from management and obtaining and reading management’s documentation related to these three items. Our procedures did not include an analysis of the adequacy or completeness of the risk assessment performed or the safeguards for each risk identified by management.

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 item 2021-001. Our opinion on each major federal program is not modified with respect to these matters.

The University's response to the noncompliance finding identified in our audit is described in the accompanying corrective action plan. The University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

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

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

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



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

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

We have audited the financial statements of the business-type activities and the discretely presented component unit of UAB as of and for the year ended September 30, 2021, and the related notes to the financial statements, which collectively comprise UAB's basic financial statements. We issued our report thereon dated January 24, 2022, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

PricewaterhouseCoopers LLP

June 22, 2022, except for our report on the Schedule of Expenditures of Federal Awards required by the Uniform Guidance, as to which the date is January 24, 2022

The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
RESEARCH AND DEVELOPMENT CLUSTER							
Department of Agriculture							
Agriculture and Food Research Initiative (AFRI)	10.310	\$ 112,971	\$ -			\$ 112,971	\$ 5,573
10.310 Total		<u>112,971</u>	<u>-</u>			<u>112,971</u>	<u>5,573</u>
Solid Waste Management Grants	10.762	-	146,667	ROWAN UNIVERSITY	CPAP000000598654	146,667	-
10.762 Total		<u>-</u>	<u>146,667</u>			<u>146,667</u>	<u>-</u>
Total Department of Agriculture		<u>112,971</u>	<u>146,667</u>			<u>259,638</u>	<u>5,573</u>
Department of Commerce							
Cluster Grants	11.020	144,151	-			144,151	-
11.020 Total		<u>144,151</u>	<u>-</u>			<u>144,151</u>	<u>-</u>
Unallied Science Program	11.472	-	38,304	AUBURN UNIVERSITY	ACQ-210-039-2019-AU	38,304	-
11.472 Total		<u>-</u>	<u>38,304</u>			<u>38,304</u>	<u>-</u>
Coral Reef Conservation Program	11.482	-	29	COLLEGE OF CHARLESTON	NA18NOS4820181	29	-
11.482 Total		<u>-</u>	<u>29</u>			<u>29</u>	<u>-</u>
Measurement and Engineering Research and Standards	11.609	-	162,725	TROY STATE UNIVERSITY	70NANB18H289	162,725	-
11.609 Total		<u>-</u>	<u>162,725</u>			<u>162,725</u>	<u>-</u>
Total Department of Commerce		<u>144,151</u>	<u>201,058</u>			<u>345,209</u>	<u>-</u>
Department of Defense							
Basic and Applied Scientific Research	12.300	-	518,386	WRIGHT STATE UNIVERSITY	N00014-16-1-3159	518,386	-
12.300 Total		<u>-</u>	<u>518,386</u>			<u>518,386</u>	<u>-</u>
Military Medical Research and Development	12.420	8,394,179	-			8,394,179	892,197
Military Medical Research and Development	12.420	-	1,834,147	MISSISSIPPI STATE UNIVERSITY	W56HZV-17-C-0095	1,834,147	104,893
Military Medical Research and Development	12.420	-	494,528	JOHNS HOPKINS UNIVERSITY	MCS BAA 17-01	494,528	-
Military Medical Research and Development	12.420	-	434,141	OCEAN STATE RESEARCH INSTITUTE	W81XWH-17-0619	434,141	-
Military Medical Research and Development	12.420	-	96,624	NOVAN INC	W81XWI-1910850	96,624	-
Military Medical Research and Development	12.420	-	43,507	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOS	W81XWH201340	43,507	-
Military Medical Research and Development	12.420	-	43,223	REGENTS OF THE UNIVERSITY OF COLORADO	W81XWH-17-0597	43,223	-
Military Medical Research and Development	12.420	-	35,832	SUNFIRE BIOTECHNOLOGIES, LLC	W81XWH21P0022	35,832	-
Military Medical Research and Development	12.420	-	23,878	CHILDREN'S HOSPITAL BOSTON	W81XWH-17-1-0532	23,878	-
Military Medical Research and Development	12.420	-	14,111	ADVANCED TECHNOLOGY INTERNATIONAL	W81XWH-18-9-0001-11	14,111	-
Military Medical Research and Development	12.420	-	7,083	COALITION FOR NATIONAL TRAUMA RESEARCH	W81XWH-20-2-0032	7,083	-
Military Medical Research and Development	12.420	-	5,343	UNIVERSITY OF MINNESOTA	W81XWH1810577	5,343	-
Military Medical Research and Development	12.420	-	(15,979)	JOHNS HOPKINS UNIVERSITY	W81XWH-10-2-0090	(15,979)	-
12.420 Total		<u>8,394,179</u>	<u>3,016,438</u>			<u>11,410,617</u>	<u>997,090</u>
Basic Scientific Research	12.431	-	634	THE UNIVERSITY OF MONTANA	W911NF-15-2-0020	634	-
12.431 Total		<u>-</u>	<u>634</u>			<u>634</u>	<u>-</u>

The accompanying notes are an integral part of this schedule.

The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Uniformed Services University Medical Research Projects	12.750	-	96,091	TRISERVICE NURSING RESEARCH PROGRAM	11052-N21-05	96,091	
Uniformed Services University Medical Research Projects	12.750	-	74,703	THE GENEVA FOUNDATION	11052-N21-17	74,703	
Uniformed Services University Medical Research Projects	12.750	-	54,922	THE GENEVA FOUNDATION	HU00011920043 N19-A09	54,922	
Uniformed Services University Medical Research Projects	12.750	7,151	-			7,151	
Uniformed Services University Medical Research Projects	12.750	-	1,051	HENRY M JACKSON FOUNDATION	HU0001-17-2-0023	1,051	
Uniformed Services University Medical Research Projects	12.750	-	119	THE GENEVA FOUNDATION	11052-N2101GR	119	
12.750 Total		<u>7,151</u>	<u>226,886</u>			<u>234,037</u>	<u>-</u>
Air Force Defense Research Sciences Program	12.800	143,753	-			143,753	
Air Force Defense Research Sciences Program	12.800	-	15,643	UNIVERSITY OF CALIFORNIA - BERKELEY	FA9550-21-1-0230	15,643	
12.800 Total		<u>143,753</u>	<u>15,643</u>			<u>159,396</u>	<u>-</u>
Research and Technology Development	12.910	-	551,164	UNIVERSITY OF MICHIGAN	W56HZV-19-2-0001	551,164	
Research and Technology Development	12.910	-	389,871	UNIVERSITY OF MICHIGAN	W56HZN-19-2-0001	389,871	
Research and Technology Development	12.910	-	258,551	UNIVERSITY OF MICHIGAN	W56HZV1920001	258,551	
Research and Technology Development	12.910	-	54,730	MOUNT SINAI SCHOOL OF MEDICINE	HR001118S0023	54,730	
12.910 Total		<u>-</u>	<u>1,254,316</u>			<u>1,254,316</u>	<u>-</u>
Contract #FA910118D0004/FA910121F0009	12.RD	574,468	-			574,468	
Contract	12.RD	-	507,951	STEEL FOUNDER'S SOCIETY OF AMERICA	SP4701-17-D-1161	507,951	
Contract	12.RD	-	214,752	FLORIDA INSTITUTE FOR HUMAN & MACHINE COGNITION, I	HR001119S0021	214,752	
Contract #FA9101-18-D-0004	12.RD	202,739	-			202,739	
Contract #FA441716PR26P0008	12.RD	59,663	-			59,663	
Contract	12.RD	-	49,781	ADVANCED TECHNOLOGY INTERNATIONAL	2016-517	49,781	
Contract #FA441721P0040	12.RD	44,463	-			44,463	
Contract	12.RD	-	23,857	JOHNS HOPKINS UNIVERSITY	W81XWH1810810	23,857	
Contract	12.RD	-	22,976	ADVANCED TECHNOLOGY INTERNATIONAL	SP4701-17-D-1134	22,976	
Contract	12.RD	-	8,713	THE GENEVA FOUNDATION	HU0001172TS04 (N17-A06)	8,713	
Contract	12.RD	-	3,981	ADVANCED TECHNOLOGY INTERNATIONAL	SP4701-15-C7003	3,981	
Contract	12.RD	-	229	TDA	W81XWH-17-C-0141	229	
Contract #W911QY-15-C-0134	12.RD	(896)	-			(896)	
12.RD Total		<u>880,437</u>	<u>832,240</u>			<u>1,712,677</u>	<u>-</u>
Total Department of Defense		<u>9,425,520</u>	<u>5,864,543</u>			<u>15,290,063</u>	<u>997,090</u>
Department of Interior							
Marine Turtle Conservation Fund	15.645	7,460	-			7,460	
15.645 Total		<u>7,460</u>	<u>-</u>			<u>7,460</u>	<u>-</u>
Total Department of Interior		<u>7,460</u>	<u>-</u>			<u>7,460</u>	<u>-</u>
Department of Justice							
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560	146,689	-			146,689	
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560	-	139,901	NATIONAL ORGANIZATION OF BLACK LAW ENFORCEMENT EXE	2019-BJ-BX-0011	139,901	
16.560 Total		<u>146,689</u>	<u>139,901</u>			<u>286,590</u>	<u>-</u>
Total Department of Justice		<u>146,689</u>	<u>139,901</u>			<u>286,590</u>	<u>-</u>

The accompanying notes are an integral part of this schedule.

The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
<u>Department of Transportation</u>							
Highway Training and Education	20.215	51,483	-			51,483	-
20.215 Total		51,483	-			51,483	-
University Transportation Centers Program	20.701	-	170,581	UNIVERSITY OF FLORIDA	69A3551747104	170,581	-
20.701 Total		-	170,581			170,581	-
Contract #DTNH2217D00066 OPT 3	20.RD	313,454	-			313,454	
Contract #DTNH2217D00066 Opt 2	20.RD	40,341	-			40,341	
Contract	20.RD	-	65	UNIVERSITY OF FLORIDA	69A3551747104	65	-
20.RD Total		353,795	65			353,860	-
Total Department of Transportation		405,278	170,646			575,924	-
<u>National Aeronautics and Space Administration</u>							
Space Operations	43.007	47,631	-			47,631	-
43.007 Total		47,631	-			47,631	-
Education	43.008	-	73,789	UNIVERSITY OF ALABAMA IN HUNTSVILLE	80NSSC20M0134	73,789	
Education	43.008	-	49,926	UNIVERSITY OF ALABAMA IN HUNTSVILLE	80NSSC20M0044	49,926	
Education	43.008	-	14,074	UNIVERSITY OF ALABAMA IN HUNTSVILLE	80NSSC19M0051	14,074	
Education	43.008	-	13,070	UNIVERSITY OF ALABAMA IN HUNTSVILLE	NNX15AJ18H	13,070	
43.008 Total		-	150,859			150,859	-
Contract #80JSC021D0001	43.RD	4,369,085	-			4,369,085	
Contract #NNJ15HA80B	43.RD	1,604,643	-			1,604,643	
Contract	43.RD	-	37,500	GEOCENT, LLC	80NSSC20P0385	37,500	
Contract	43.RD	-	30,726	GEOCENT, LLC	80NSSC19-C-0134	30,726	
Contract	43.RD	-	12,703	GEOCENT, LLC	80NSSC18C0169	12,703	
Contract	43.RD	-	9,956	GEOCENT, LLC	80NSSC20M0188	9,956	
43.RD Total		5,973,728	90,885			6,064,613	-
Total National Aeronautics and Space Administration		6,021,359	241,744			6,263,103	-
<u>National Foundation on the Arts and the Humanities</u>							
Promotion of the Arts_Grants to Organizations and Individuals	45.024	266	-			266	-
45.024 Total		266	-			266	-
Total National Foundation on the Arts and the Humanities		266	-			266	-
<u>National Science Foundation</u>							
Engineering Grants	47.041	181,481	-			181,481	25,000
Engineering Grants	47.041	-	100,935	GEORGIA INSTITUTE OF TECHNOLOGY	1643289	100,935	
Engineering Grants	47.041	-	71,255	AL METRICS, LLC	IIP-20232534	71,255	
Engineering Grants	47.041	-	42,384	ROWAN UNIVERSITY	ECCS-1903466	42,384	
Engineering Grants	47.041	-	20,985	BOSTON UNIVERSITY MEDICAL CAMPUS	4500003100	20,985	
47.041 Total		181,481	235,559			417,040	25,000

The accompanying notes are an integral part of this schedule.

The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Mathematical and Physical Sciences	47.049	871,092	-			871,092	-
47.049 Total		871,092	-			871,092	-
Geosciences	47.050	387,040	-			387,040	248
47.050 Total		387,040	-			387,040	248
Computer and Information Science and Engineering	47.070	678,789	-			678,789	40,142
47.070 Total		678,789	-			678,789	40,142
Biological Sciences	47.074	1,822,147	-			1,822,147	63,179
Biological Sciences	47.074	-	116,704	BROWN UNIVERSITY	IOS-1923445	116,704	23,841
47.074 Total		1,822,147	116,704			1,938,851	87,020
Social, Behavioral, and Economic Sciences	47.075	33,947	-			33,947	-
47.075 Total		33,947	-			33,947	-
Education and Human Resources	47.076	1,476,621	-			1,476,621	161,120
Education and Human Resources	47.076	-	103,513	UNIVERSITY OF ALABAMA IN TUSCALOOSA	HRD1619659	103,513	-
Education and Human Resources	47.076	-	11	SKAGIT VALLEY COLLEGE	1617-184	11	-
47.076 Total		1,476,621	103,524			1,580,145	161,120
International Science and Engineering (OISE)	47.079	17,975	-			17,975	-
International Science and Engineering (OISE)	47.079	-	(32,557)	MEDICAL UNIVERSITY OF SOUTH CAROLINA	NSF 15-517	(32,557)	-
47.079 Total		17,975	(32,557)			(14,582)	-
Office of Integrative Activities	47.083	-	556,158	UNIVERSITY OF ALABAMA IN HUNTSVILLE	OIA-1655280	556,158	-
Office of Integrative Activities	47.083	-	131,809	LOUISIANA STATE UNIVERSITY	OIA-1632891	131,809	-
Office of Integrative Activities	47.083	-	104,577	CLEMSON UNIVERSITY	OIA-1632881	104,577	-
Office of Integrative Activities	47.083	86,393	-			86,393	-
Office of Integrative Activities	47.083	-	42,020	UNIVERSITY OF SOUTHERN MISSISSIPPI	OIA-1632825	42,020	-
Office of Integrative Activities	47.083	-	25,809	UNIVERSITY OF THE VIRGIN ISLANDS	OIA-1946412	25,809	-
47.083 Total		86,393	860,373			946,766	-
Total National Science Foundation		5,555,485	1,283,603			6,839,088	313,530
Department of Veterans Affairs							
Contract - Intergovernmental Personnel Agreements	64.RD	3,145,343	-			3,145,343	-
Contract #VA247-17-C-0209	64.RD	319,202	-			319,202	-
Contract #36C24720P1328 BASE	64.RD	20,284	-			20,284	-
Contract #36C24221D0018	64.RD	12,768	-			12,768	-
Contract #A GILMORE	64.RD	6,308	-			6,308	-
Contract #36C24720P1379	64.RD	2,467	-			2,467	-
Contract #36C24720P1297	64.RD	128	-			128	-
Contract #36C24718P2511	64.RD	(570)	-			(570)	-
64.RD Total		3,505,930	-			3,505,930	-
Total Department of Veterans Affairs		3,505,930	-			3,505,930	-

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Department of Energy							
Office of Science Financial Assistance Program	81.049	1,066,243	-			1,066,243	122,364
Office of Science Financial Assistance Program	81.049	-	50,513	ARIZONA STATE UNIVERSITY	DE-SC0021230	50,513	
Office of Science Financial Assistance Program	81.049	-	28,406	APPLIED DIAMOND INC.	DE-SC0020499	28,406	
81.049 Total		<u>1,066,243</u>	<u>78,919</u>			<u>1,145,162</u>	<u>122,364</u>
Fossil Energy Research and Development	81.089	-	34,613	SOUTHERN STATES ENERGY BOARD	DE-FE0031888	34,613	
81.089 Total		<u>-</u>	<u>34,613</u>			<u>34,613</u>	<u>-</u>
Stewardship Science Grant Program	81.112	149,357	-			149,357	
81.112 Total		<u>149,357</u>	<u>-</u>			<u>149,357</u>	<u>-</u>
Predictive Science Academic Alliance Program	81.124	-	104,960	UNIVERSITY OF NEW MEXICO	PSAAP-III (FIC)	104,960	
81.124 Total		<u>-</u>	<u>104,960</u>			<u>104,960</u>	<u>-</u>
Contract	81.RD	-	25,228	UNIVERSITY OF CALIFORNIA LAWREN LIVERMORE NATL LAB	DE-AC52-07NA27644	25,228	
81.RD Total		<u>-</u>	<u>25,228</u>			<u>25,228</u>	<u>-</u>
Total Department of Energy		<u>1,215,600</u>	<u>243,720</u>			<u>1,459,320</u>	<u>122,364</u>
Department of Education							
Education Research, Development and Dissemination	84.305	159,218	-			159,218	
84.305 Total		<u>159,218</u>	<u>-</u>			<u>159,218</u>	<u>-</u>
Total Department of Education		<u>159,218</u>	<u>-</u>			<u>159,218</u>	<u>-</u>
Department of Health and Human Services							
Global AIDS	93.067	-	71,985	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	5HU2GGH001920-05-00	71,985	
Global AIDS	93.067	-	38,138	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	6NU2GGH002251-01-00	38,138	
Global AIDS	93.067	-	9,686	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	5NU2GGH001920-05-00	9,686	
Global AIDS	93.067	-	3,129	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	1NU2GGH001920-01-S01	3,129	
93.067 Total		<u>-</u>	<u>122,938</u>			<u>122,938</u>	<u>-</u>
Chronic Diseases: Research, Control, and Prevention	93.068	696,378	-			696,378	50,103
93.068 Total		<u>696,378</u>	<u>-</u>			<u>696,378</u>	<u>50,103</u>
Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077	16,067	-			16,067	
93.077 Total		<u>16,067</u>	<u>-</u>			<u>16,067</u>	<u>-</u>
Blood Disorder Program: Prevention, Surveillance, and Research	93.080	115,771	-			115,771	
Blood Disorder Program: Prevention, Surveillance, and Research	93.080	-	39,095	HEMOPHILIA OF GEORGIA INC	NU27DD000020-01-00	39,095	
Blood Disorder Program: Prevention, Surveillance, and Research	93.080	-	2,100	HEMOPHILIA OF GEORGIA INC	5NU27DD001155-05-00	2,100	
93.080 Total		<u>115,771</u>	<u>41,195</u>			<u>156,966</u>	<u>-</u>

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Food and Drug Administration_Research	93.103	-	268,407	YALE UNIVERSITY	5U01FD005938-05	268,407	
Food and Drug Administration_Research	93.103	87,343	-			87,343	11,391
Food and Drug Administration_Research	93.103	-	(1,790)	NEW YORK PRESBYTERIAN HOSPITAL-WEILL CORNELL MEDIC	5U01FD005478-04	(1,790)	
93.103 Total		<u>87,343</u>	<u>266,617</u>			<u>353,960</u>	<u>11,391</u>
Environmental Health	93.113	7,003,890	-			7,003,890	1,040,797
Environmental Health	93.113	-	25,658	WAYNE STATE UNIVERSITY	2R01ES022606-06	25,658	
93.113 Total		<u>7,003,890</u>	<u>25,658</u>			<u>7,029,548</u>	<u>1,040,797</u>
Oral Diseases and Disorders Research	93.121	7,592,540	-			7,592,540	3,572,619
Oral Diseases and Disorders Research	93.121	-	63,057	UNIVERSITY OF PUERTO RICO	R01DE028195	63,057	
Oral Diseases and Disorders Research	93.121	-	30,167	OREGON HEALTH & SCIENCES UNIVERSITY	5R01DE028329-04	30,167	
Oral Diseases and Disorders Research	93.121	-	28,211	KAISER FOUNDATION RESEARCH INSTITUTE	1U01DE028727-01	28,211	
Oral Diseases and Disorders Research	93.121	-	16,818	KAISER FOUNDATION RESEARCH INSTITUTE	5U01DE028727-03	16,818	
Oral Diseases and Disorders Research	93.121	-	14,528	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	UG3DE029973	14,528	12,731
Oral Diseases and Disorders Research	93.121	-	11,145	OREGON HEALTH & SCIENCES UNIVERSITY	7R01DE022350-08	11,145	
Oral Diseases and Disorders Research	93.121	-	5,996	CREATV MICROTECH, INC.	1R41DE028475-01A1	5,996	
Oral Diseases and Disorders Research	93.121	-	5,861	UNIVERSITY OF UTAH	5R01DE027493-04	5,861	
Oral Diseases and Disorders Research	93.121	-	(2,924)	UNIVERSITY OF ROCHESTER	1R01DE027245-01	(2,924)	
93.121 Total		<u>7,592,540</u>	<u>172,859</u>			<u>7,765,399</u>	<u>3,585,350</u>
Injury Prevention and Control Research and State and Community Based Programs	93.136	410,235	-			410,235	
93.136 Total		<u>410,235</u>	<u>-</u>			<u>410,235</u>	<u>-</u>
Community Programs to Improve Minority Health Grant Program	93.137	229,456	-			229,456	
93.137 Total		<u>229,456</u>	<u>-</u>			<u>229,456</u>	<u>-</u>
NIEHS Hazardous Waste Worker Health and Safety Training	93.142	(183)	-			(183)	
NIEHS Hazardous Waste Worker Health and Safety Training	93.142	-	(1,279)	ALABAMA FIRE COLLEGE	3U45ES006155-29S1	(1,279)	
93.142 Total		<u>(183)</u>	<u>(1,279)</u>			<u>(1,462)</u>	<u>-</u>
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143	1,634,485	-			1,634,485	133,991
93.143 Total		<u>1,634,485</u>	<u>-</u>			<u>1,634,485</u>	<u>133,991</u>
AIDS Education and Training Centers	93.145	-	82,392	VANDERBILT UNIVERSITY MEDICAL CENTER	5 U1OHA30535-05-00	82,392	
93.145 Total		<u>-</u>	<u>82,392</u>			<u>82,392</u>	<u>-</u>
COVID-19 Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	(218)	-			(218)	
93.153 Total		<u>(218)</u>	<u>-</u>			<u>(218)</u>	<u>-</u>
Human Genome Research	93.172	1,373,314	-			1,373,314	33,692
Human Genome Research	93.172	-	418,998	HUDSON ALPHA INSTITUTE FOR BIOTECHNOLOGY	5U01HG007301-07	418,998	
Human Genome Research	93.172	-	170,488	HARVARD MEDICAL - SCHEPHENS EYE RESEARCH	2U01HG007530-05	170,488	
Human Genome Research	93.172	-	146,285	HUDSON ALPHA INSTITUTE FOR BIOTECHNOLOGY	5U01HG007301-08	146,285	
Human Genome Research	93.172	-	(3,403)	HUDSON ALPHA INSTITUTE FOR BIOTECHNOLOGY	5U01HG007301-06	(3,403)	
93.172 Total		<u>1,373,314</u>	<u>732,368</u>			<u>2,105,682</u>	<u>33,692</u>

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**The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Research Related to Deafness and Communication Disorders	93.173	848,179	-			848,179	273,416
Research Related to Deafness and Communication Disorders	93.173	-	70,914	UNIVERSITY OF ALABAMA IN TUSCALOOSA	R01DC016303	70,914	
Research Related to Deafness and Communication Disorders	93.173	-	<u>38,282</u>	UNIVERSITY OF MINNESOTA	1R01DC017613-01A1	<u>38,282</u>	
93.173 Total		<u>848,179</u>	<u>109,196</u>			<u>957,375</u>	<u>273,416</u>
Research and Training in Complementary and Alternative Medicine	93.213	1,005,298	-			1,005,298	24,534
Research and Training in Complementary and Alternative Medicine	93.213	-	84,494	UNIVERSITY OF MINNESOTA	5R01HL150053-02	84,494	
Research and Training in Complementary and Alternative Medicine	93.213	-	41,557	NORTHWESTERN UNIVERSITY	5R01HL149866-02	41,557	
Research and Training in Complementary and Alternative Medicine	93.213	-	<u>20,757</u>	HARVARD COLLEGE	5R01ES022981-06	<u>20,757</u>	
93.213 Total		<u>1,005,298</u>	<u>146,808</u>			<u>1,152,106</u>	<u>24,534</u>
Family Planning Services	93.217	-	<u>154,033</u>	ALABAMA DEPT OF PUBLIC HEALTH	C00119095B-FPHPA006461	<u>154,033</u>	
93.217 Total		-	<u>154,033</u>			<u>154,033</u>	-
Research on Healthcare Costs, Quality and Outcomes	93.226	683,356	-			683,356	22,186
Research on Healthcare Costs, Quality and Outcomes	93.226	-	49,391	UNIVERSITY OF ARKANSAS FOR MEDICAL STUDIES	1R01HS025703-01A1	49,391	
Research on Healthcare Costs, Quality and Outcomes	93.226	-	3,801	UNIVERSITY OF ALABAMA IN TUSCALOOSA	1R21HS026571-01	3,801	
Research on Healthcare Costs, Quality and Outcomes	93.226	-	<u>(142)</u>	INDIANA UNIVERSITY	5R01HS025411-03	<u>(142)</u>	
93.226 Total		<u>683,356</u>	<u>53,050</u>			<u>736,406</u>	<u>22,186</u>
National Center on Sleep Disorders Research	93.233	972,975	-			972,975	428,553
National Center on Sleep Disorders Research	93.233	-	23,950	NORTHWESTERN UNIVERSITY	1R01HL152442-01	23,950	
93.233 Total		<u>972,975</u>	<u>23,950</u>			<u>996,925</u>	<u>428,553</u>
Mental Health Research Grants	93.242	10,927,834	-			10,927,834	1,663,476
Mental Health Research Grants	93.242	-	132,456	UNIVERSITY OF PITTSBURGH	1R01MH115754-01A1	132,456	
Mental Health Research Grants	93.242	-	99,676	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R34MH119962-03	99,676	
Mental Health Research Grants	93.242	-	64,340	BROWN UNIVERSITY	1R01MH112386-01A1	64,340	
Mental Health Research Grants	93.242	-	40,051	VANDERBILT UNIVERSITY MEDICAL CENTER	5R01MH113438-03	40,051	
Mental Health Research Grants	93.242	-	14,864	MASSACHUSETTS GENERAL HOSPITAL	5R01MH112385-01	14,864	
Mental Health Research Grants	93.242	-	14,860	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R34MH118058-03	14,860	
Mental Health Research Grants	93.242	-	13,611	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	5U01MH115495-04	13,611	
Mental Health Research Grants	93.242	-	13,576	JOHNS HOPKINS UNIVERSITY	5R25MH080661-13	13,576	
Mental Health Research Grants	93.242	-	12,271	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U01MH110925-05	12,271	
Mental Health Research Grants	93.242	-	10,185	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	5U01MH115495-03	10,185	
Mental Health Research Grants	93.242	-	9,375	YALE UNIVERSITY	2U19MH108206-05	9,375	
Mental Health Research Grants	93.242	-	9,101	BROWN UNIVERSITY	2R01MH112386-04	9,101	
Mental Health Research Grants	93.242	-	6,830	UNIVERSITY OF CHICAGO	1R01MH125744-01	6,830	
Mental Health Research Grants	93.242	-	4,039	MERIDIAN BIOTECH, LLC	1R41MH119793-01A1	4,039	
Mental Health Research Grants	93.242	-	2,628	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U01MH110925-04	2,628	
Mental Health Research Grants	93.242	-	1,177	SOUTHERN RESEARCH INSTITUTE	7R01MH110681-04	1,177	
Mental Health Research Grants	93.242	-	<u>334</u>	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U01MH110925-03S1	<u>334</u>	
93.242 Total		<u>10,927,834</u>	<u>449,374</u>			<u>11,377,208</u>	<u>1,663,476</u>

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Occupational Safety and Health Program	93.262	1,586,722	-			1,586,722	423,193
Occupational Safety and Health Program	93.262	-	12,531	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	5T42OH010278-09-00	12,531	
Occupational Safety and Health Program	93.262	-	4,331	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	2T42OH010278-08-00	4,331	
93.262 Total		<u>1,586,722</u>	<u>16,862</u>			<u>1,603,584</u>	<u>423,193</u>
Alcohol Research Programs	93.273	942,903	-			942,903	280,122
Alcohol Research Programs	93.273	-	47,590	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	7R34AA027200-03	47,590	
Alcohol Research Programs	93.273	-	757	UNIVERSITY OF WASHINGTON	5U01AA020793-08	757	
Alcohol Research Programs	93.273	-	15	UNIVERSITY OF BRISTOL	1U01AA026209-01	15	
93.273 Total		<u>942,903</u>	<u>48,362</u>			<u>991,265</u>	<u>280,122</u>
Drug Abuse and Addiction Research Programs	93.279	3,715,365	-			3,715,365	515,825
Drug Abuse and Addiction Research Programs	93.279	-	139,491	YALE UNIVERSITY	1UG3DA047003	139,491	
Drug Abuse and Addiction Research Programs	93.279	-	48,325	UNIVERSITY OF WASHINGTON	5R01DA047045-02	48,325	
Drug Abuse and Addiction Research Programs	93.279	-	27,321	NORTHWESTERN UNIVERSITY	1R01HL152442-01	27,321	
Drug Abuse and Addiction Research Programs	93.279	-	12,686	THE ROYAL INSTITUTION OF THE ADVANCEMENT OF LEARNI	2R01DA037911-06A1	12,686	
Drug Abuse and Addiction Research Programs	93.279	-	12,602	MASSACHUSETTS GENERAL HOSPITAL	1R01DA050482-01A1	12,602	
Drug Abuse and Addiction Research Programs	93.279	-	6,048	MEDICAL UNIVERSITY OF SOUTH CAROLINA	5UG1DA013727-22	6,048	
Drug Abuse and Addiction Research Programs	93.279	-	4,067	MEDICAL UNIVERSITY OF SOUTH CAROLINA	2UG1DA013727-21	4,067	
Drug Abuse and Addiction Research Programs	93.279	-	76	ALABAMA STATE UNIVERSITY	1R15DA045564-01	76	
93.279 Total		<u>3,715,365</u>	<u>250,616</u>			<u>3,965,981</u>	<u>515,825</u>
The Affordable Care Act: Centers for Disease Control and Prevention Investigations and Technical Assistance	93.283	580,713	-			580,713	
93.283 Total		<u>580,713</u>	<u>-</u>			<u>580,713</u>	<u>-</u>
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	461,612	-			461,612	69,254
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	-	13,593	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	7R01EB020125-06	13,593	
93.286 Total		<u>461,612</u>	<u>13,593</u>			<u>475,205</u>	<u>69,254</u>
Minority Health and Health Disparities Research	93.307	4,097,625	-			4,097,625	514,660
Minority Health and Health Disparities Research	93.307	-	20,299	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5U01MD011279-05	20,299	
Minority Health and Health Disparities Research	93.307	-	15,596	UNIVERSITY OF PENNSYLVANIA	5R01MD013558-04	15,596	
Minority Health and Health Disparities Research	93.307	-	14,055	UNIVERSITY OF PENNSYLVANIA	5R01MD013558	14,055	
Minority Health and Health Disparities Research	93.307	-	8,283	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1R01MD016834-01	8,283	
Minority Health and Health Disparities Research	93.307	-	6,350	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R01MD011609-04	6,350	
Minority Health and Health Disparities Research	93.307	-	3,488	UNIVERSITY OF PITTSBURGH	5R01MD009118-02	3,488	
Minority Health and Health Disparities Research	93.307	-	(3,415)	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R01MD011609-03	(3,415)	
93.307 Total		<u>4,097,625</u>	<u>64,656</u>			<u>4,162,281</u>	<u>514,660</u>

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Trans-NIH Research Support	93.310	1,780,928	-			1,780,928	1,380,682
Trans-NIH Research Support	93.310	-	475,168	BALL STATE UNIVERSITY	7U01AR071133-05	475,168	
COVID-19 Trans-NIH Research Support	93.310	283,482	-			283,482	
Trans-NIH Research Support	93.310	-	48,394	YALE UNIVERSITY	5UG3NS115597-02	48,394	
Trans-NIH Research Support	93.310	-	15,881	BRIGHAM & WOMENS HOSPITAL	7U01CA242109-03	15,881	
Trans-NIH Research Support	93.310	-	16	UNIVERSITY OF IBADAN	1U54HG007479-01	16	
Trans-NIH Research Support	93.310	-	(782)	YALE UNIVERSITY	1UG3NS115597-01	(782)	
Trans-NIH Research Support	93.310	-	(2,324)	REGENTS OF THE UNIVERSITY OF COLORADO	3R01DK111622-02S1	(2,324)	
Trans-NIH Research Support	93.310	-	(15,235)	MEDICAL UNIVERSITY OF SOUTH CAROLINA	1UG30D023316-01	(15,235)	
93.310 Total		<u>2,064,410</u>	<u>521,118</u>			<u>2,585,528</u>	<u>1,380,682</u>
Rare Disorders: Research, Surveillance, Health Promotion, and Education	93.315	81,060	-			81,060	
93.315 Total		<u>81,060</u>	<u>-</u>			<u>81,060</u>	<u>-</u>
COVID-19 Protecting and Improving Health Globally	93.318	948,439	-			948,439	
93.318 Total		<u>948,439</u>	<u>-</u>			<u>948,439</u>	<u>-</u>
National Center for Advancing Translational Sciences	93.350	20,247,477	-			20,247,477	5,372,226
COVID-19 National Center for Advancing Translational Sciences	93.350	774,117	-			774,117	
National Center for Advancing Translational Sciences	93.350	-	132,001	UNIVERSITY OF MASSACHUSETTS WORCESTER	5U01TR001812-05	132,001	
National Center for Advancing Translational Sciences	93.350	-	45,699	NORTHWESTERN UNIVERSITY	5U01TR001806-04	45,699	
National Center for Advancing Translational Sciences	93.350	-	26,654	UNIVERSITY OF IOWA	5UL1TR002537-03	26,654	
National Center for Advancing Translational Sciences	93.350	-	26,258	UNIVERSITY OF PITTSBURGH	5UL1TR001857-05	26,258	
National Center for Advancing Translational Sciences	93.350	-	(1,325)	BLONDIN BIO SCIENCE LLC	1R43TR001283-01	(1,325)	
National Center for Advancing Translational Sciences	93.350	-	(2,942)	UNIVERSITY OF MASSACHUSETTS WORCESTER	5U01TR001812-04	(2,942)	
National Center for Advancing Translational Sciences	93.350	-	(4,091)	OREGON HEALTH & SCIENCES UNIVERSITY	5U24TR002306-03	(4,091)	
93.350 Total		<u>21,021,594</u>	<u>222,254</u>			<u>21,243,848</u>	<u>5,372,226</u>
Research Infrastructure Programs	93.351	2,211,102	-			2,211,102	
Research Infrastructure Programs	93.351	-	42,513	TECHNOLOGY COMMERCIALIZATION PARTNERS, LLC	1R41OD027206-01	42,513	
93.351 Total		<u>2,211,102</u>	<u>42,513</u>			<u>2,253,615</u>	<u>-</u>
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353	986,533	-			986,533	309,563
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353	-	39,351	CASE WESTERN UNIVERSITY	3P30CA043703-30S4	39,351	
93.353 Total		<u>986,533</u>	<u>39,351</u>			<u>1,025,884</u>	<u>309,563</u>
Nursing Research	93.361	1,824,611	-			1,824,611	369,154
Nursing Research	93.361	-	92,642	CASE WESTERN UNIVERSITY	7R01NR018391-04	92,642	
Nursing Research	93.361	-	53,016	CASE WESTERN UNIVERSITY	R01NR018391	53,016	
Nursing Research	93.361	-	39,224	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1R01NR019758-01	39,224	
Nursing Research	93.361	-	18,619	UNIVERSITY OF MINNESOTA	5R21NR019676-02	18,619	
Nursing Research	93.361	-	6,799	DANA-FARBER CANCER INSTITUTE	5R01NR016720-04	6,799	
Nursing Research	93.361	-	3,519	RHODE ISLAND MEMORIAL HOSPITAL	5R01NR014782-03	3,519	
93.361 Total		<u>1,824,611</u>	<u>213,819</u>			<u>2,038,430</u>	<u>369,154</u>
National and State Tobacco Control Program	93.387	398,693	-			398,693	21,585
93.387 Total		<u>398,693</u>	<u>-</u>			<u>398,693</u>	<u>21,585</u>

The accompanying notes are an integral part of this schedule.

**The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021**

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Cancer Cause and Prevention Research	93.393	8,371,040	-			8,371,040	921,287
Cancer Cause and Prevention Research	93.393	-	278,418	DARTMOUTH COLLEGE	1R01CA225792-01A1	278,418	
Cancer Cause and Prevention Research	93.393	-	184,693	UNIVERSITY OF MASSACHUSETTS WORCESTER	5R01CA218008-02	184,693	
Cancer Cause and Prevention Research	93.393	-	124,000	UNIVERSITY OF TENNESSEE IN MEMPHIS	1R01CA242737-01A1	124,000	
Cancer Cause and Prevention Research	93.393	-	105,685	UNIVERSITY OF TENNESSEE IN MEMPHIS	2R01CA242737-02	105,685	
Cancer Cause and Prevention Research	93.393	-	95,643	FRED HUTCHINSON CANCER RESEARCH CENTER	5R01CA213130-04	95,643	
Cancer Cause and Prevention Research	93.393	-	82,447	UNIVERSITY OF KANSAS MEDICAL CENTER	1R01CA226838-03	82,447	
Cancer Cause and Prevention Research	93.393	-	36,536	VANDERBILT UNIVERSITY MEDICAL CENTER	5R01CA190612-06	36,536	
Cancer Cause and Prevention Research	93.393	-	36,258	DARTMOUTH COLLEGE	6R01CA229197-02	36,258	
Cancer Cause and Prevention Research	93.393	-	23,100	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	5U01CA235507-02	23,100	
Cancer Cause and Prevention Research	93.393	-	15,687	DUKE UNIVERSITY	7R37CA233777-02	15,687	
Cancer Cause and Prevention Research	93.393	-	8,251	FRED HUTCHINSON CANCER RESEARCH CENTER	5R01CA211996-04	8,251	
Cancer Cause and Prevention Research	93.393	-	3,549	WAKE FOREST UNIVERSITY SCHOOL OF MEDICINE	5R01CA199167-03	3,549	
Cancer Cause and Prevention Research	93.393	-	800	CHILDREN'S HOSPITAL OF PHILADELPHIA	5R01CA211996-02	800	
Cancer Cause and Prevention Research	93.393	-	(1,268)	VANDERBILT UNIVERSITY MEDICAL CENTER	5P01CA02882-33	(1,268)	
93.393 Total		<u>8,371,040</u>	<u>993,799</u>			<u>9,364,839</u>	<u>921,287</u>
Cancer Detection and Diagnosis Research	93.394	4,845,796	-			4,845,796	441,461
Cancer Detection and Diagnosis Research	93.394	-	469,818	PROTEOGENOMICS RESEARCH INSTITUTE FOR SYSTEMS MEDI	5P01CA221775-05	469,818	
COVID-19 Cancer Detection and Diagnosis Research	93.394	355,895	-			355,895	
Cancer Detection and Diagnosis Research	93.394	-	34,323	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5R01CA237533-02	34,323	
Cancer Detection and Diagnosis Research	93.394	-	22,326	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	1R01CA237533-01A1	22,326	
Cancer Detection and Diagnosis Research	93.394	-	21,252	UNIVERSITY OF MARYLAND	1R01CA228399-01A1	21,252	
Cancer Detection and Diagnosis Research	93.394	-	16,866	UNIVERSITY OF BRITISH COLUMBIA	1R01CA221918-01A1	16,866	
Cancer Detection and Diagnosis Research	93.394	-	7,594	UNIVERSITY OF CALIFORNIA - BERKELEY	5R01CA246695-02	7,594	
Cancer Detection and Diagnosis Research	93.394	-	4,550	CHILDREN'S HOSPITAL OF PHILADELPHIA	R01CA193478-01A1	4,550	
Cancer Detection and Diagnosis Research	93.394	-	3,699	MEMORIAL SLOAN KETTERING CANCER CENTER	5R01CA235711-03	3,699	
Cancer Detection and Diagnosis Research	93.394	-	3,654	MEMORIAL SLOAN KETTERING CANCER CENTER	5R01CA235711-02	3,654	
Cancer Detection and Diagnosis Research	93.394	-	1,149	UNIVERSITY OF MICHIGAN	5U24CA086368-18	1,149	
Cancer Detection and Diagnosis Research	93.394	-	403	UNIVERSITY OF MASSACHUSETTS WORCESTER	1R01CA194787-01A1	403	
Cancer Detection and Diagnosis Research	93.394	-	218	EMORY UNIVERSITY	5R01CA203388-03	218	
Cancer Detection and Diagnosis Research	93.394	-	66	NRG ONCOLOGY INC	1U10CA180860-1	66	
93.394 Total		<u>5,201,691</u>	<u>585,918</u>			<u>5,787,609</u>	<u>441,461</u>
Cancer Treatment Research	93.395	3,602,620	-			3,602,620	258,769
Cancer Treatment Research	93.395	-	125,842	CHILDREN'S HOSPITAL OF PHILADELPHIA	5U10CA180886-07	125,842	
Cancer Treatment Research	93.395	-	99,849	CHILDREN'S HOSPITAL OF PHILADELPHIA	1U01CA228823-01	99,849	
Cancer Treatment Research	93.395	-	84,531	CHILDREN'S HOSPITAL OF PHILADELPHIA	2U10CA180886	84,531	
Cancer Treatment Research	93.395	-	83,601	SEATTLE CHILDREN'S HOSPITAL	5R01CA225629-03	83,601	
Cancer Treatment Research	93.395	-	79,443	TECHNOLOGY COMMERCIALIZATION PARTNERS, LLC	1R43CA246883-01	79,443	
Cancer Treatment Research	93.395	-	75,956	CHILDREN'S HOSPITAL OF PHILADELPHIA	2U10CA180886-06	75,956	
Cancer Treatment Research	93.395	-	72,931	JOHNS HOPKINS UNIVERSITY	UM1 CA137443	72,931	
Cancer Treatment Research	93.395	-	57,138	CEDARS-SINAI MEDICAL CENTER	R01CA208851-05	57,138	
Cancer Treatment Research	93.395	-	21,735	JOHNS HOPKINS UNIVERSITY	U01CA137443	21,735	
Cancer Treatment Research	93.395	-	18,675	EASTERN COOPERATIVE ONCOLOGY GROUP	U10CA180820-06	18,675	
Cancer Treatment Research	93.395	-	13,316	PUBLIC HEALTH INSTITUTE	7U10CA180886-08	13,316	
Cancer Treatment Research	93.395	-	9,749	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	7R01CA219187-02	9,749	
Cancer Treatment Research	93.395	-	7,000	NRG ONCOLOGY INC	5U10CA180868-07	7,000	
Cancer Treatment Research	93.395	-	6,667	UNIVERSITY OF SOUTH FLORIDA	1R01CA244947-01	6,667	
Cancer Treatment Research	93.395	-	6,516	ST. JUDE CHILDREN'S RESEARCH HOSPITAL	U24CA055727	6,516	
Cancer Treatment Research	93.395	-	6,051	SEATTLE CHILDREN'S HOSPITAL	5R01CA175216-04	6,051	

The accompanying notes are an integral part of this schedule.

The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Cancer Treatment Research	93.395	-	5,864	PUBLIC HEALTH INSTITUTE	U10CA180886	5,864	
Cancer Treatment Research	93.395	-	5,379	UNIVERSITY OF CALIFORNIA IN SAN DIEGO	1R01CA225780-01	5,379	
Cancer Treatment Research	93.395	-	5,105	NRG ONCOLOGY INC	2U10CA180868-06	5,105	
Cancer Treatment Research	93.395	-	584	ST. JUDE CHILDREN'S RESEARCH HOSPITAL	5U24CA055727-26	584	
Cancer Treatment Research	93.395	-	371	CHILDREN'S HOSPITAL OF PHILADELPHIA	R01CA212190-01A1	371	
Cancer Treatment Research	93.395	-	124	JOHNS HOPKINS UNIVERSITY	5UM1CA137443-08	124	
Cancer Treatment Research	93.395	-	(317)	NRG ONCOLOGY INC	U10CA180868	(317)	
Cancer Treatment Research	93.395	-	(877)	JOHNS HOPKINS UNIVERSITY	5UM1CA137443	(877)	
Cancer Treatment Research	93.395	-	(13,349)	CHILDREN'S HOSPITAL OF PHILADELPHIA	1U10CA180886	(13,349)	
Cancer Treatment Research	93.395	-	(18,243)	CHILDREN'S HOSPITAL OF PHILADELPHIA	UM1CA097452	(18,243)	
93.395 Total		<u>3,602,620</u>	<u>753,641</u>			<u>4,356,261</u>	<u>258,769</u>
Cancer Biology Research	93.396	4,606,844	-			4,606,844	266,266
Cancer Biology Research	93.396	-	277,027	PENNSYLVANIA STATE UNIVERSITY (THE)	1R01CA230628-01A1	277,027	
Cancer Biology Research	93.396	-	81,937	UNIVERSITY OF MICHIGAN	2P01CA093000-16	81,937	
Cancer Biology Research	93.396	-	13,888	PENNSYLVANIA STATE UNIVERSITY (THE)	1R01CA242021-01A1	13,888	
Cancer Biology Research	93.396	-	11,017	UNIVERSITY OF CALIFORNIA IN DAVIS	1R01CA250338-01	11,017	
93.396 Total		<u>4,606,844</u>	<u>383,869</u>			<u>4,990,713</u>	<u>266,266</u>
Cancer Centers Support Grants	93.397	9,220,466	-			9,220,466	357,265
Cancer Centers Support Grants	93.397	-	474,772	JOHNS HOPKINS UNIVERSITY	2P50CA098252-16	474,772	
Cancer Centers Support Grants	93.397	-	400,840	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	5P50CA107399-13	400,840	63,286
Cancer Centers Support Grants	93.397	-	79,936	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	5P50CA107399-11A1	79,936	78,128
Cancer Centers Support Grants	93.397	-	61,331	INDIANA UNIVERSITY	5U54CA196519	61,331	
Cancer Centers Support Grants	93.397	-	17,097	INDIANA UNIVERSITY	5U54CA196519-05	17,097	
93.397 Total		<u>9,220,466</u>	<u>1,033,976</u>			<u>10,254,442</u>	<u>498,679</u>
Cancer Research Manpower	93.398	1,780,333	-			1,780,333	11,211
93.398 Total		<u>1,780,333</u>	<u>-</u>			<u>1,780,333</u>	<u>11,211</u>
Cancer Control	93.399	-	27,891	CHILDREN'S HOSPITAL OF PHILADELPHIA	5UG1CA189955-07	27,891	
Cancer Control	93.399	-	27,325	OREGON HEALTH & SCIENCES UNIVERSITY	5UG1CA189974-07	27,325	
Cancer Control	93.399	-	12,716	NRG ONCOLOGY INC	5UG1CA189867-07	12,716	
Cancer Control	93.399	-	8,935	CHILDREN'S HOSPITAL OF PHILADELPHIA	2UG1CA189955-06	8,935	
Cancer Control	93.399	-	6,152	NRG ONCOLOGY INC	5UG1CA189867-08	6,152	
Cancer Control	93.399	-	(2,337)	OREGON HEALTH & SCIENCES UNIVERSITY	2UG1CA189974-06	(2,337)	
93.399 Total		<u>-</u>	<u>80,682</u>			<u>80,682</u>	<u>-</u>
Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421	-	59,084	UNIVERSITY OF VERMONT COLLEGE OF MEDICINE	6NU38OT000280-03-02	59,084	
93.421 Total		<u>-</u>	<u>59,084</u>			<u>59,084</u>	<u>-</u>
Networking2Save: CDCs National Network Approach to Preventing and Controlling Tobacco-related Cancers in Special Populations	93.431	-	21,649	NATIONAL AFRICAN AMERICAN TOBACCO PREVENTION NETWC	NU58DP006488	21,649	
93.431 Total		<u>-</u>	<u>21,649</u>			<u>21,649</u>	<u>-</u>

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The University of Alabama at Birmingham

Schedule of Expenditures of Federal Awards

For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433	3,481,885	-			3,481,885	693,443
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433	-	67,277	UNIVERSITY OF CHICAGO	90REGE0005-01-00	67,277	37,812
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433	-	21,763	CRAIG HOSPITAL	90DPTB0017	21,763	
93.433 Total		<u>3,481,885</u>	<u>89,040</u>			<u>3,570,925</u>	<u>731,255</u>
Every Student Succeeds Act/Preschool Development Grants	93.434	-	222,606	ALABAMA DEPT OF EDUCATION	90TP0065-01-00	222,606	6,829
93.434 Total		<u>-</u>	<u>222,606</u>			<u>222,606</u>	<u>6,829</u>
Ending the HIV Epidemic: A Plan for America - Ryan White HIV/AIDS Parts A and B	93.686	-	211,666	ALABAMA DEPT OF PUBLIC HEALTH	C00119147-UT8HA33956	211,666	
93.686 Total		<u>-</u>	<u>211,666</u>			<u>211,666</u>	<u>-</u>
Preventing Heart Attacks and Strokes in High Need Areas	93.816	-	562	MISSISSIPPI DEPT OF HEALTH	5NU58DP006265	562	
93.816 Total		<u>-</u>	<u>562</u>			<u>562</u>	<u>-</u>
Cardiovascular Diseases Research	93.837	25,724,681	-			25,724,681	5,287,820
Cardiovascular Diseases Research	93.837	-	768,356	BOSTON UNIVERSITY MEDICAL CAMPUS	1U01HL146382-02	768,356	
Cardiovascular Diseases Research	93.837	-	676,727	BOSTON UNIVERSITY MEDICAL CAMPUS	3U01HL146382-03	676,727	
Cardiovascular Diseases Research	93.837	-	425,976	CORNELL UNIVERSITY	5R01HL080477-14	425,976	
Cardiovascular Diseases Research	93.837	-	305,590	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	5R01HL146130-03	305,590	
Cardiovascular Diseases Research	93.837	-	273,912	INDIANA UNIVERSITY	5R01HL145528-03	273,912	
Cardiovascular Diseases Research	93.837	-	200,681	VANDERBILT UNIVERSITY MEDICAL CENTER	5P01HL128203-05	200,681	
Cardiovascular Diseases Research	93.837	-	197,238	CORNELL UNIVERSITY	5R01HL135199-04	197,238	
Cardiovascular Diseases Research	93.837	-	162,830	MASSACHUSETTS GENERAL HOSPITAL	1R01HL146751-01A1	162,830	
Cardiovascular Diseases Research	93.837	-	117,407	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1R01HL139837-01	117,407	
Cardiovascular Diseases Research	93.837	-	110,181	MEDICAL COLLEGE OF WISCONSIN	5R01HL140493-03	110,181	
Cardiovascular Diseases Research	93.837	-	92,110	NAVIDEA BIOPHARMACEUTICALS, INC.	1R41HL147640-01A1	92,110	
Cardiovascular Diseases Research	93.837	-	68,492	VANDERBILT UNIVERSITY MEDICAL CENTER	1R01HL148661-01	68,492	
Cardiovascular Diseases Research	93.837	-	61,129	CHILDREN'S HOSPITAL BOSTON	1R01HL58097-01	61,129	
Cardiovascular Diseases Research	93.837	-	59,441	MAYO CLINIC ROCHESTER	5R01HL131535-03	59,441	
Cardiovascular Diseases Research	93.837	-	56,167	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	1R01HL155226-01	56,167	
Cardiovascular Diseases Research	93.837	-	55,164	ARCUS-MED, LLC	1R41HL145838-01A1	55,164	
Cardiovascular Diseases Research	93.837	-	47,366	EMORY UNIVERSITY	R01HL150887-01	47,366	
Cardiovascular Diseases Research	93.837	-	45,616	NORTHWESTERN UNIVERSITY	1R01HL149866-01A1	45,616	
Cardiovascular Diseases Research	93.837	-	44,200	UNIVERSITY OF MARYLAND	5U24HL134763	44,200	
Cardiovascular Diseases Research	93.837	-	43,403	DUKE UNIVERSITY	7R01HL133618-03	43,403	
Cardiovascular Diseases Research	93.837	-	41,322	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1R01HL142825-01A1	41,322	
Cardiovascular Diseases Research	93.837	-	36,807	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	7R01HL091357-06	36,807	
Cardiovascular Diseases Research	93.837	-	36,534	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1R01HL146636-01A1	36,534	
Cardiovascular Diseases Research	93.837	-	20,869	OREGON HEALTH & SCIENCES UNIVERSITY	5R01HL136373-03	20,869	
Cardiovascular Diseases Research	93.837	-	17,973	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC	1R01HL125877-01A1	17,973	
Cardiovascular Diseases Research	93.837	-	17,510	MASSACHUSETTS GENERAL HOSPITAL	5U01HL123336-06	17,510	
Cardiovascular Diseases Research	93.837	-	17,030	THE SOCIETY OF THORACIC SURGEONS	5R01AG047416-05S1	17,030	
Cardiovascular Diseases Research	93.837	-	17,030	THE SOCIETY OF THORACIC SURGEONS	5R01HL130502-05	17,030	
Cardiovascular Diseases Research	93.837	-	12,593	UNIVERSITY OF MINNESOTA	5R01HL150053-02	12,593	
Cardiovascular Diseases Research	93.837	-	11,131	UNIVERSITY OF UTAH	1R01HL142603-02	11,131	
Cardiovascular Diseases Research	93.837	-	10,612	HARVARD MEDICAL - SCHEPHENS EYE RESEARCH	1R01HL136685-001	10,612	
Cardiovascular Diseases Research	93.837	-	9,868	OHIO STATE UNIVERSITY RESEARCH FOUNDATION	5R01HL128857-02	9,868	

The accompanying notes are an integral part of this schedule.

**The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021**

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Cardiovascular Diseases Research	93.837	-	9,543	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R01HL143885-02	9,543	
Cardiovascular Diseases Research	93.837	-	8,111	BRIGHAM & WOMENS HOSPITAL	5U01HL123336-04	8,111	
Cardiovascular Diseases Research	93.837	-	7,100	CORNELL UNIVERSITY	5R01HL135199-05	7,100	
Cardiovascular Diseases Research	93.837	-	6,807	UNIVERSITY OF PENNSYLVANIA	5R01HL151292-02	6,807	
Cardiovascular Diseases Research	93.837	-	6,550	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1R01HL143885-01A1	6,550	
Cardiovascular Diseases Research	93.837	-	6,486	OREGON HEALTH & SCIENCES UNIVERSITY	5R01HL136373-04	6,486	
Cardiovascular Diseases Research	93.837	-	6,060	DUKE UNIVERSITY	5U01HL134679-02	6,060	
Cardiovascular Diseases Research	93.837	-	4,924	OREGON HEALTH & SCIENCES UNIVERSITY	1UG3HL145269-01A1	4,924	
Cardiovascular Diseases Research	93.837	-	3,306	DUKE UNIVERSITY	5R01HL126524-04	3,306	
Cardiovascular Diseases Research	93.837	-	3,302	INDIANA UNIVERSITY	1R01HL158647-01	3,302	
Cardiovascular Diseases Research	93.837	-	1,712	NORTHWESTERN UNIVERSITY	2R01HL107577-05A1	1,712	
Cardiovascular Diseases Research	93.837	-	1,194	NEW ENGLAND RESEARCH INSTITUTES INC	U01HL107407	1,194	
Cardiovascular Diseases Research	93.837	-	852	MAYO CLINIC ARIZONA	1R01HL142627-01A1	852	
Cardiovascular Diseases Research	93.837	-	837	THE GEORGE WASHINGTON UNIVERSITY	U24HL140168	837	
Cardiovascular Diseases Research	93.837	-	308	KENT COUNTY MEMORIAL HOSPITAL	R01HL150170-01A1	308	
Cardiovascular Diseases Research	93.837	-	(680)	UNIVERSITY OF MARYLAND	5U01HL099997-07	(680)	
Cardiovascular Diseases Research	93.837	-	(7,519)	DUKE UNIVERSITY	1R01HL144773-01	(7,519)	
93.837 Total		<u>25,724,681</u>	<u>4,120,158</u>			<u>29,844,839</u>	<u>5,287,820</u>
Lung Diseases Research	93.838	12,164,746	-			12,164,746	751,724
COVID-19 Lung Diseases Research	93.838	768,931	-			768,931	
Lung Diseases Research	93.838	-	269,717	EMORY UNIVERSITY	5R01HL136414-04	269,717	
Lung Diseases Research	93.838	-	165,639	TECHNOLOGY COMMERCIALIZATION PARTNERS, LLC	1R41HL152921-01	165,639	
Lung Diseases Research	93.838	-	97,239	UNIVERSITY OF SOUTH ALABAMA	1R01HL140182-01A1	97,239	
Lung Diseases Research	93.838	-	94,674	EMORY UNIVERSITY	5R01HL139876-04	94,674	
Lung Diseases Research	93.838	-	76,194	NATIONAL JEWISH MEDICAL AND RESEARCH CENTER	2R01HL089897	76,194	
Lung Diseases Research	93.838	-	70,093	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1UG3HL152323-01	70,093	
Lung Diseases Research	93.838	-	57,802	NORTHWESTERN UNIVERSITY	5R01HL122477-06A1	57,802	
Lung Diseases Research	93.838	-	45,229	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5U01HL137880-04	45,229	
Lung Diseases Research	93.838	-	39,018	UNIVERSITY OF SOUTH ALABAMA	1R01HL148069-01A1	39,018	
Lung Diseases Research	93.838	-	23,445	YALE UNIVERSITY	5U01HL145567-03	23,445	
Lung Diseases Research	93.838	-	22,970	NORTHWESTERN UNIVERSITY	3R01HL122477-07S1	22,970	
Lung Diseases Research	93.838	-	21,479	YALE UNIVERSITY	1U01HL145567-01	21,479	
Lung Diseases Research	93.838	-	20,116	NORTHWESTERN UNIVERSITY	3U01HL146408-02S1	20,116	
Lung Diseases Research	93.838	-	18,462	UNIVERSITY OF PENNSYLVANIA	5U01HL145435-02	18,462	
Lung Diseases Research	93.838	-	18,268	THE GEORGE WASHINGTON UNIVERSITY	5R01HL098354-07	18,268	
Lung Diseases Research	93.838	-	18,033	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U24HL141762-03	18,033	
Lung Diseases Research	93.838	-	17,793	NEW YORK UNIVERSITY MEDICAL SCHOOL	OT2HL161847-01	17,793	
Lung Diseases Research	93.838	-	15,803	BRIGHAM & WOMENS HOSPITAL	1R01HL149861-01A1	15,803	
Lung Diseases Research	93.838	-	14,097	JOAN & SANFORD I. WEILL MEDICAL COLLEGE OF CORNELL	1R01HL144718-01A1 REVISED	14,097	
Lung Diseases Research	93.838	-	12,929	THE GEORGE WASHINGTON UNIVERSITY	R01HL098354	12,929	
Lung Diseases Research	93.838	-	11,077	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2R01HL103676-05	11,077	
Lung Diseases Research	93.838	-	8,602	UNIVERSITY OF PENNSYLVANIA	5U01HL145435-03	8,602	
Lung Diseases Research	93.838	-	8,034	JOAN & SANFORD I. WEILL MEDICAL COLLEGE OF CORNELL	5R01HL144718-02	8,034	
Lung Diseases Research	93.838	-	5,794	UNIVERSITY OF MICHIGAN	1R01HL147261-01A1	5,794	
Lung Diseases Research	93.838	-	1,834	COPD FOUNDATION	5U01HL128954-04	1,834	
Lung Diseases Research	93.838	-	1,673	UNIVERSITY OF MICHIGAN	1R01HL153519-01	1,673	
Lung Diseases Research	93.838	-	1,165	THE GEORGE WASHINGTON UNIVERSITY	2R01HL098354-04	1,165	
Lung Diseases Research	93.838	-	419	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2R01HL093081-09	419	
Lung Diseases Research	93.838	-	292	COPD FOUNDATION	5U01HL128954-05	292	
Lung Diseases Research	93.838	-	(10,393)	UNIVERSITY OF PITTSBURGH	5U01HL1289454-04	(10,393)	
93.838 Total		<u>12,933,677</u>	<u>1,147,497</u>			<u>14,081,174</u>	<u>751,724</u>

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Blood Diseases and Resources Research	93.839	2,375,325	-			2,375,325	1,006,007
Blood Diseases and Resources Research	93.839	-	54,513	UNIVERSITY OF PITTSBURGH	1UGHL143192-01A1	54,513	
Blood Diseases and Resources Research	93.839	-	51,601	BETH ISRAEL DEACONESS MEDICAL CENTER	1P01HL131477-01A1	51,601	
Blood Diseases and Resources Research	93.839	-	41,659	MEDICAL UNIVERSITY SOUTH CAROLINA FOUNDATION	5U01HL133990-05	41,659	
Blood Diseases and Resources Research	93.839	-	28,974	UNIVERSITY OF PITTSBURGH	1UG3HL143192-01A1	28,974	
Blood Diseases and Resources Research	93.839	-	3,660	ALL CHILDREN'S RESEARCH INSTITUTE, INC.	1U01HL130048-01A1	3,660	
Blood Diseases and Resources Research	93.839	-	2,708	AUGUSTA UNIVERSITY	5R25HL106365-12	2,708	
Blood Diseases and Resources Research	93.839	-	457	MEDICAL UNIVERSITY SOUTH CAROLINA FOUNDATION	5U01HL133990-03	457	
Blood Diseases and Resources Research	93.839	-	(457)	MEDICAL UNIVERSITY SOUTH CAROLINA FOUNDATION	5U01HL133990-04	(457)	
93.839 Total		<u>2,375,325</u>	<u>183,115</u>			<u>2,558,440</u>	<u>1,006,007</u>
Translation and Implementation Science Rsrch for Heart, Lung, Blood Diseases, Sleep Disorders	93.840	-	30,174	YALE UNIVERSITY	1R01HL151603-01	30,174	
Translation and Implementation Science Rsrch for Heart, Lung, Blood Diseases, Sleep Disorders	93.840	-	22,814	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	1UG3HL156389-01	22,814	
93.840 Total		<u>-</u>	<u>52,988</u>			<u>52,988</u>	<u>-</u>
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	7,301,855	-			7,301,855	1,473,077
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	77,860	MEDICAL UNIVERSITY OF SOUTH CAROLINA	3P30AR072582-03S1 REVISED	77,860	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	66,617	HEBREW REHABILITATION CENTER	R01AR075356	66,617	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	23,310	THE HOSPITAL FOR SICK CHILDREN	5R21AR074006-02	23,310	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	9,084	BRIGHAM & WOMENS HOSPITAL	1U01AR068043-01A1	9,084	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	6,236	WASHINGTON STATE UNIVERSITY	1R01AR072615-01A1	6,236	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	6,025	NORTHWESTERN UNIVERSITY	UH2AR067681	6,025	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	4,738	PENNSYLVANIA STATE UNIVERSITY (THE)	7R01AR048266-17	4,738	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	2,157	CHILDREN'S HOSPITAL OF PHILADELPHIA	1R01AR074098-02	2,157	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	-	(18,709)	CHILDREN'S HOSPITAL OF PHILADELPHIA	1U19AR069525-01-REVISED	(18,709)	
93.846 Total		<u>7,301,855</u>	<u>177,318</u>			<u>7,479,173</u>	<u>1,473,077</u>
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	26,814,456	-			26,814,456	3,046,163
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	402,151	THE GEORGE WASHINGTON UNIVERSITY	5U01DK098246-08	402,151	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	169,635	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U01DK115575-03	169,635	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	117,564	UNIVERSITY OF CHICAGO	1U01DK127786-01	117,564	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	105,630	UNIVERSITY OF SOUTH FLORIDA	1R01DK126444-01A1	105,630	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	94,632	MOUNT SINAI SCHOOL OF MEDICINE	5U54DK083909-12	94,632	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	94,192	UNIVERSITY OF MIAMI	1R01DK116875-01A1	94,192	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	82,782	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	RO1DK082753-10A1	82,782	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	66,064	UNIVERSITY OF PENNSYLVANIA	5U24DK060990-20	66,064	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	59,378	OREGON HEALTH & SCIENCES UNIVERSITY	7R01DK104347-03	59,378	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	54,049	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER	1R56DK125960-01	54,049	

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Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	30,211	OREGON HEALTH & SCIENCES UNIVERSITY	7R01DK112358-02	30,211	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	30,009	TUFTS MEDICAL CENTER INC.	5U01DK102730-05	30,009	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	29,188	THE CHILDREN'S MERCY HOSPITAL	5U01DK066143-17	29,188	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	27,999	PENNSYLVANIA STATE UNIVERSITY (THE)	1R01DK114888-01	27,999	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	27,630	THE GEORGE WASHINGTON UNIVERSITY	1R01DK104845-01	27,630	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	27,018	SEATTLE CHILDREN'S HOSPITAL	5R01DK103608-03	27,018	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	24,230	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U01DK100867-08	24,230	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	23,004	JOAN & SANFORD I. WEILL MEDICAL COLLEGE OF CORNELL	1R01DK123205-01A1	23,004	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	21,498	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOS	2U01DK100866-08	21,498	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	20,111	INDIANA UNIVERSITY	1R01DK128252-01	20,111	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	18,434	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1R01DK105124-01	18,434	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	14,956	MOUNT SINAI SCHOOL OF MEDICINE	1R01DK127139-01	14,956	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	13,570	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	7R01DK116603-02	13,570	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	11,371	INDIANA UNIVERSITY	1R01DK121378-01 AND 02	11,371	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	9,025	TEXAS A&M UNIVERSITY	1R01DK119497-01A1	9,025	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	8,270	UNIVERSITY OF PITTSBURGH	1R01DK125001-01A1	8,270	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	6,329	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER	5U01DK058369-20	6,329	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	4,688	UNIVERSITY OF PITTSBURGH	1R01DK124426-01A1	4,688	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	3,428	UNIVERSITY OF SOUTH FLORIDA	U01 DK061055	3,428	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	3,127	DUKE UNIVERSITY	1R01DK121007-02	3,127	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	3,053	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5R01DK120886-02	3,053	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	2,200	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U01DK115575-03	2,200	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	1,787	UNIVERSITY OF MASSACHUSETTS DARTMOUTH	1R56DK114514-01A1	1,787	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	1,600	DUKE UNIVERSITY	1K01DK121866-01A1	1,600	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	1,014	REGENTS OF THE UNIVERSITY OF COLORADO	5UM1DK072493-16	1,014	

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	726	EMORY UNIVERSITY	5R01DK087694-09	726	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	260	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER	5U01DK058369-18	260	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	161	CHILDRENS HOSPITAL MEDICAL CENTER CINCINNATI OH	5P50DK096418-08	161	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	115	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOS	2U01DK100866-09	115	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	15	THE GEORGE WASHINGTON UNIVERSITY	R01DK104845	15	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(20)	MEDICAL UNIVERSITY OF SOUTH CAROLINA	1U01DK116743-01	(20)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(422)	REGENTS OF THE UNIVERSITY OF COLORADO	7UM1DK072493-12	(422)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(496)	THE GEORGE WASHINGTON UNIVERSITY	5-U01DK098246-07	(496)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(868)	REGENTS OF THE UNIVERSITY OF COLORADO	5UM1DK072493-14	(868)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(1,054)	ENDOMIMETICS, LLC	5R44DK109789-03	(1,054)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(5,045)	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2U01DK100867-07	(5,045)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(11,976)	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOS	5UM1DK100866	(11,976)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(14,804)	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOS	2U01DK100866-07	(14,804)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(37,504)	THE CHILDREN'S MERCY HOSPITAL	2U01DK066143-16	(37,504)	
93.847 Total		<u>26,814,456</u>	<u>1,659,573</u>			<u>28,474,029</u>	<u>3,046,163</u>
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	21,247,460	-			21,247,460	3,040,398
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	263,466	BROWN UNIVERSITY	5R01NS100016-03	263,466	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	193,542	STANFORD UNIVERSITY	5U01NS110728-03	193,542	

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	100,342	UNIVERSITY OF TEXAS MD ANDERSON CENTER	1R01NS116704-01	100,342	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	80,051	UNIVERSITY OF FLORIDA	1R01NS102624-01	80,051	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	77,374	MASSACHUSETTS GENERAL HOSPITAL	1R01NS099209-01	77,374	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	56,865	CASE WESTERN UNIVERSITY	1R01NS119520-01	56,865	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	53,581	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5R01NS097876-05	53,581	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	52,234	MAYO CLINIC JACKSONVILLE	5U01NS080168-07	52,234	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	51,930	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5R01NS097876-04	51,930	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	46,062	STANFORD UNIVERSITY	5U01NS038455-18	46,062	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	35,696	SOUTHERN RESEARCH INSTITUTE	5R01NS101958-04	35,696	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	33,809	UNIVERSITY OF CINCINNATI	7U01NS102353-02	33,809	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	32,688	MASSACHUSETTS GENERAL HOSPITAL	1U24NS107155	32,688	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	32,661	UNIVERSITY OF UTAH	1U01NS107486-01A1	32,661	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	26,630	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5R01NS097876-03	26,630	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	17,719	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA U	1R01NS109023-01A1	17,719	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	17,546	SOUTHERN RESEARCH INSTITUTE	5R01NS101958-06	17,546	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	17,511	CHILDREN'S HOSPITAL BOSTON	5U42NS092090-07	17,511	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	15,780	STANFORD UNIVERSITY	1R01NS103037-01A1	15,780	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	14,743	UNIVERSITY OF MIAMI	3R01NS040807-15S1	14,743	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	14,641	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1R01NS122449-01	14,641	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	14,003	CORNELL UNIVERSITY	5R01NS097443-04	14,003	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	13,257	DUKE UNIVERSITY	1R61NS120246-01	13,257	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	13,173	MAYO CLINIC ROCHESTER	5U54NS115198-02	13,173	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	12,060	MAYO CLINIC JACKSONVILLE	2U01NS080168-08	12,060	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	11,566	VIRGINIA TECH	1R01NS120746-01	11,566	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	11,151	CHILDREN'S HOSPITAL BOSTON	2U42NS092090-06	11,151	

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Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	10,765	UNIVERSITY OF CINCINNATI	1U01NS095869-01A1	10,765	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	8,891	NORTHWESTERN UNIVERSITY	1R61NS120245-01	8,891	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	8,364	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R01NS099368-03	8,364	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	8,121	THE METHODIST HOSPITAL RESEARCH INST	1U01NS104326-03	8,121	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	8,054	UNIVERSITY OF CINCINNATI	1U01NS106513-01A1	8,054	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	7,155	UNIVERSITY OF MICHIGAN	1R01NS092706-01A1	7,155	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	6,442	MASSACHUSETTS GENERAL HOSPITAL	1U10NS077420	6,442	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	6,441	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	1R01NS119897-01	6,441	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	5,784	UNIVERSITY OF CINCINNATI	1U01NS106655-02	5,784	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	5,610	UNIVERSITY OF CINCINNATI	1U01NS099043-01A1	5,610	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	5,364	UNIVERSITY OF CINCINNATI	1UF1NS102289-01	5,364	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	4,585	UNIVERSITY OF CINCINNATI	1U01NS100699-01A1	4,585	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	3,604	MAYO CLINIC JACKSONVILLE	5R01NS097876-02	3,604	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	3,048	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5R01NS095435-04	3,048	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	2,677	UNIVERSITY OF FLORIDA	SUB00002641	2,677	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	2,012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R01NS097507	2,012	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	593	STANFORD UNIVERSITY	1U01NS110728-01	593	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	102	MASSACHUSETTS GENERAL HOSPITAL	5P01NS087997-05	102	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	45	MASSACHUSETTS GENERAL HOSPITAL	1U01NS093663-01A1	45	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(171)	MASSACHUSETTS GENERAL HOSPITAL	1U01NS090259-01A1	(171)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(458)	UNIVERSITY OF MIAMI	1R01NS084288-01A1	(458)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(8,480)	NORTHWESTERN UNIVERSITY	1R01NS093843-01A1	(8,480)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(9,293)	MAYO CLINIC ROCHESTER	1U54NS115198-01	(9,293)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(40,313)	NORTHWESTERN UNIVERSITY	U01NS080818	(40,313)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-	(45,764)	OREGON HEALTH & SCIENCES UNIVERSITY	1U01NS095926-01	(45,764)	

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93.853 Total		<u>21,247,460</u>	<u>1,303,259</u>			<u>22,550,719</u>	<u>3,040,398</u>
Allergy, Immunology and Transplantation Research COVID-19 Allergy, Immunology and Transplantation Research	93.855	45,049,948	-			45,049,948	16,163,811
Allergy, Immunology and Transplantation Research	93.855	3,099,540	-			3,099,540	
Allergy, Immunology and Transplantation Research	93.855	-	600,367	UNIVERSITY OF CALIFORNIA LOS ANGELES	2UM1AI068636-15	600,367	
Allergy, Immunology and Transplantation Research	93.855	-	379,207	EMORY UNIVERSITY	1P01AI125180-01	379,207	
Allergy, Immunology and Transplantation Research	93.855	-	278,583	FRED HUTCHINSON CANCER RESEARCH CENTER	3UM1AI068614-14S1	278,583	
Allergy, Immunology and Transplantation Research	93.855	-	277,867	UNIVERSITY OF WISCONSIN IN MADISON	1R01AI148379-01	277,867	
Allergy, Immunology and Transplantation Research	93.855	-	253,560	FAMILY HEALTH INTERNATIONAL	UM1AI068619	253,560	
Allergy, Immunology and Transplantation Research	93.855	-	252,385	UNIVERSITY OF CALIFORNIA LOS ANGELES	7UM1AI068636-13	252,385	
Allergy, Immunology and Transplantation Research	93.855	-	201,887	UNIVERSITY OF CALIFORNIA LOS ANGELES	2UM1AI106701-08	201,887	
Allergy, Immunology and Transplantation Research	93.855	-	171,787	OREGON HEALTH & SCIENCES UNIVERSITY	R01AI133712-02	171,787	
Allergy, Immunology and Transplantation Research	93.855	-	152,330	UNIVERSITY OF MARYLAND	1R01AI125561-01	152,330	
Allergy, Immunology and Transplantation Research	93.855	-	151,166	SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY (SMU)	1R01AI152110-01	151,166	
Allergy, Immunology and Transplantation Research	93.855	-	137,365	UNIVERSITY OF CALIFORNIA LOS ANGELES	2UM1AI106716-09	137,365	
Allergy, Immunology and Transplantation Research	93.855	-	125,117	HARVARD COLLEGE	5R01AI145547-03	125,117	
Allergy, Immunology and Transplantation Research	93.855	-	91,321	UNIVERSITY OF VIRGINIA	1R01AI129678-01	91,321	
Allergy, Immunology and Transplantation Research	93.855	-	90,275	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5U01AI118594-05	90,275	
Allergy, Immunology and Transplantation Research	93.855	-	88,619	UNIVERSITY OF KANSAS	1R01AI138970-01	88,619	
Allergy, Immunology and Transplantation Research	93.855	-	81,315	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5U01AI113362-07	81,315	
Allergy, Immunology and Transplantation Research	93.855	-	69,063	UNIVERSITY OF PENNSYLVANIA	5R01AI145905-03	69,063	
Allergy, Immunology and Transplantation Research	93.855	-	63,580	HARVARD COLLEGE	1R01AI145547-02	63,580	
Allergy, Immunology and Transplantation Research	93.855	-	62,629	UNIVERSITY OF TEXAS HEALTH CENTER AT SAN ANTONIO	5R01AI141877-03	62,629	
Allergy, Immunology and Transplantation Research	93.855	-	60,259	UNIVERSITY OF KANSAS	1R01AI125093-01	60,259	
Allergy, Immunology and Transplantation Research	93.855	-	58,993	UNIVERSITY OF ROCHESTER	5R01AI129518-05	58,993	
Allergy, Immunology and Transplantation Research	93.855	-	56,751	EMORY UNIVERSITY	1R01AI148471-01	56,751	
Allergy, Immunology and Transplantation Research	93.855	-	54,149	MAGEE-WOMEN'S RESEARCH INSTITUTE & FOUNDATION	4UM1AI068633-15	54,149	
Allergy, Immunology and Transplantation Research	93.855	-	53,994	JOHNS HOPKINS UNIVERSITY	5U01AI069918	53,994	
Allergy, Immunology and Transplantation Research	93.855	-	52,846	DUKE UNIVERSITY	5UM1AI104681-09	52,846	
Allergy, Immunology and Transplantation Research	93.855	-	52,216	UNIVERSITY OF CALIFORNIA LOS ANGELES	7UM1AI106701-06	52,216	
Allergy, Immunology and Transplantation Research	93.855	-	50,835	UNIVERSITY OF MARYLAND	2U19AI110820-06	50,835	
Allergy, Immunology and Transplantation Research	93.855	-	49,582	UNIVERSITY OF ROCHESTER	1U01AI131344	49,582	
Allergy, Immunology and Transplantation Research	93.855	-	49,345	FHI 360	UM1AI068619	49,345	
Allergy, Immunology and Transplantation Research	93.855	-	48,500	JOHNS HOPKINS UNIVERSITY	5UM1AI068632-14	48,500	
Allergy, Immunology and Transplantation Research	93.855	-	45,672	EMORY UNIVERSITY	5UM1AI148684-02	45,672	
Allergy, Immunology and Transplantation Research	93.855	-	43,522	MOUNT SINAI SCHOOL OF MEDICINE	5U01AI063594-17	43,522	
Allergy, Immunology and Transplantation Research	93.855	-	42,466	UNIVERSITY OF CALIFORNIA LOS ANGELES	5UM1AI106716-08	42,466	
Allergy, Immunology and Transplantation Research	93.855	-	39,950	JOHNS HOPKINS UNIVERSITY	UM1AI068632	39,950	
Allergy, Immunology and Transplantation Research	93.855	-	39,426	NOVAN INC	4R44AI143022-02	39,426	
Allergy, Immunology and Transplantation Research	93.855	-	37,125	DUKE UNIVERSITY	2UM1AI104681-08	37,125	
Allergy, Immunology and Transplantation Research	93.855	-	36,633	UNIVERSITY OF CALIFORNIA IN DAVIS	1R01AI143554-01	36,633	
Allergy, Immunology and Transplantation Research	93.855	-	36,549	UNIVERSITY OF TEXAS MEDICAL BRANCH	1R01AI127744	36,549	
Allergy, Immunology and Transplantation Research	93.855	-	31,533	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	2UM1AI109565-08	31,533	
Allergy, Immunology and Transplantation Research	93.855	-	30,780	FRED HUTCHINSON CANCER RESEARCH CENTER	2UM1AI068614-15	30,780	
Allergy, Immunology and Transplantation Research	93.855	-	25,980	VANDERBILT UNIVERSITY MEDICAL CENTER	5R01AI120790-01	25,980	
Allergy, Immunology and Transplantation Research	93.855	-	24,761	UNIVERSITY OF MARYLAND	2U19AI110820-07	24,761	
Allergy, Immunology and Transplantation Research	93.855	-	21,091	MFLUIDX	2R44AI141044-02	21,091	

The accompanying notes are an integral part of this schedule.

**The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Allergy, Immunology and Transplantation Research	93.855	-	19,469	TEXAS A&M UNIVERSITY	1R21AI151914-01	19,469	
Allergy, Immunology and Transplantation Research	93.855	-	18,447	BENAROYA RESEARCH INSITUE AT VIRGINIA MASON	5UM1A1109565-07	18,447	
Allergy, Immunology and Transplantation Research	93.855	-	16,172	EMORY UNIVERSITY	5R01AI064060-12	16,172	
Allergy, Immunology and Transplantation Research	93.855	-	15,868	UNIVERSITY OF KANSAS	5R21AI140701-02	15,868	
Allergy, Immunology and Transplantation Research	93.855	-	15,051	VANDERBILT UNIVERSITY MEDICAL CENTER	1U01AI152967-01	15,051	
Allergy, Immunology and Transplantation Research	93.855	-	14,819	OHIO STATE UNIVERSITY RESEARCH FOUNDATION	7R01AI134972-03	14,819	
Allergy, Immunology and Transplantation Research	93.855	-	13,999	INDIANA UNIVERSITY	5R01AI137116-02	13,999	
Allergy, Immunology and Transplantation Research	93.855	-	13,594	FOODSOURCE LURE CORPORATION	1R43AI140807-01A1	13,594	
Allergy, Immunology and Transplantation Research	93.855	-	12,433	CHILDREN'S HOSPITAL BOSTON	1R01AI154470-01	12,433	
Allergy, Immunology and Transplantation Research	93.855	-	12,064	MAGEE-WOMEN'S RESEARCH INSTIUTUE & FOUNDATION	5UM1AI068633-14	12,064	
Allergy, Immunology and Transplantation Research	93.855	-	11,890	UNIVERSITY OF CALIFORNIA LOS ANGELES	5UM1AI068636-14	11,890	
Allergy, Immunology and Transplantation Research	93.855	-	11,688	MASSACHUSETTS GENERAL HOSPITAL	5R01AI138790-03	11,688	
Allergy, Immunology and Transplantation Research	93.855	-	11,363	HARVARD COLLEGE	5P30AI060354-18	11,363	
Allergy, Immunology and Transplantation Research	93.855	-	10,079	JOHNS HOPKINS UNIVERSITY	1U01AI134591-04	10,079	
Allergy, Immunology and Transplantation Research	93.855	-	9,776	EMORY UNIVERSITY	5R01AI064060-15	9,776	
Allergy, Immunology and Transplantation Research	93.855	-	9,427	MASSACHUSETTS GENERAL HOSPITAL	5K08AI118538-05	9,427	
Allergy, Immunology and Transplantation Research	93.855	-	8,238	UNIVERSITY OF CALIFORNIA LOS ANGELES	1R01AI137680-03	8,238	
Allergy, Immunology and Transplantation Research	93.855	-	7,936	FRED HUTCHINSON CANCER RESEARCH CENTER	3UM1AI068614-15S1	7,936	
Allergy, Immunology and Transplantation Research	93.855	-	6,889	UNIVERSITY OF CALIFORNIA LOS ANGELES	1R01AI149339-01	6,889	
Allergy, Immunology and Transplantation Research	93.855	-	6,232	EMORY UNIVERSITY	1UM1AI148684-01	6,232	
Allergy, Immunology and Transplantation Research	93.855	-	5,933	FRED HUTCHINSON CANCER RESEARCH CENTER	5UM1AI068614-14	5,933	
Allergy, Immunology and Transplantation Research	93.855	-	4,847	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5U54AI082973-12 REVISED	4,847	
Allergy, Immunology and Transplantation Research	93.855	-	3,390	UNIVERSITY OF CALIFORNIA LOS ANGELES	5UM1AI068636-14R	3,390	
Allergy, Immunology and Transplantation Research	93.855	-	2,800	INDIANA UNIVERSITY	1R01AI137116-01A1	2,800	
Allergy, Immunology and Transplantation Research	93.855	-	2,363	HARVARD COLLEGE	2P30AI060354-16	2,363	
Allergy, Immunology and Transplantation Research	93.855	-	1,827	JOHNS HOPKINS UNIVERSITY	1U01AI138897-04	1,827	
Allergy, Immunology and Transplantation Research	93.855	-	1,232	UNIVERSITY OF SOUTHERN CALIFORNIA	1R01AI135122-03	1,232	
Allergy, Immunology and Transplantation Research	93.855	-	1,160	BRIGHTAM & WOMENS HOSPITAL	5R01AI12001-03	1,160	
Allergy, Immunology and Transplantation Research	93.855	-	1,035	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	1UM1AI110498-02	1,035	
Allergy, Immunology and Transplantation Research	93.855	-	794	BENAROYA RESEARCH INSITUE AT VIRGINIA MASON	5UM1AI109565-025	794	
Allergy, Immunology and Transplantation Research	93.855	-	228	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5U54AI082973-11	228	
Allergy, Immunology and Transplantation Research	93.855	-	(197)	JOHNS HOPKINS UNIVERSITY	5U01AI069918-14	(197)	
Allergy, Immunology and Transplantation Research	93.855	-	(293)	EMORY UNIVERSITY	3UM1AI148684-0AS1	(293)	
Allergy, Immunology and Transplantation Research	93.855	-	(360)	UNIVERSITY OF SOUTHERN CALIFORNIA	1R21AI130927-01A1	(360)	
Allergy, Immunology and Transplantation Research	93.855	-	(562)	EMORY UNIVERSITY	U19AI110483-08	(562)	
Allergy, Immunology and Transplantation Research	93.855	-	(4,294)	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5U54AI082973-10	(4,294)	
Allergy, Immunology and Transplantation Research	93.855	-	(6,354)	DUKE UNIVERSITY	5UM1AI104681-08	(6,354)	
Allergy, Immunology and Transplantation Research	93.855	-	(8,019)	UNIVERSITY OF ROCHESTER	1U01AI131344-01	(8,019)	
93.855 Total		<u>48,149,488</u>	<u>4,822,345</u>			<u>52,971,833</u>	<u>16,163,811</u>
Biomedical Research and Research Training	93.859	6,624,104	-			6,624,104	84,823
Biomedical Research and Research Training	93.859	-	185,824	JOHNS HOPKINS UNIVERSITY	1R01GM121404-01A1	185,824	
Biomedical Research and Research Training	93.859	-	14,054	EMORY UNIVERSITY	1R01GM131099-01	14,054	
Biomedical Research and Research Training	93.859	-	2,388	ST. JUDE CHILDREN'S RESEARCH HOSPITAL	5R01GM118578-04	2,388	
93.859 Total		<u>6,624,104</u>	<u>202,266</u>			<u>6,826,370</u>	<u>84,823</u>
Emerging Infections Sentinel Networks	93.860	-	38,621	OLIVE VIEW-UCLA EDUCATION & RESEARCH INSTITUTE, IN	1U01CK000480-01/5U01CK0000480-05-1	38,621	
Emerging Infections Sentinel Networks	93.860	-	36,872	OLIVE VIEW-UCLA EDUCATION & RESEARCH INSTITUTE, IN	6U01CK00480-05-03	36,872	
93.860 Total		<u>-</u>	<u>75,493</u>			<u>75,493</u>	<u>-</u>

The accompanying notes are an integral part of this schedule.

The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Child Health and Human Development Extramural	93.865	8,682,583	-			8,682,583	2,023,350
Child Health and Human Development Extramural	93.865	-	578,029	THE GEORGE WASHINGTON UNIVERSITY	U10HD036801	578,029	29,008
Child Health and Human Development Extramural	93.865	-	563,307	RTI INTERNATIONAL	U10HD34216	563,307	
Child Health and Human Development Extramural	93.865	-	520,022	THE GEORGE WASHINGTON UNIVERSITY	U24HD036801	520,022	
Child Health and Human Development Extramural	93.865	-	340,405	UNIVERSITY OF MIAMI	5R01HD101352-03	340,405	127,325
Child Health and Human Development Extramural	93.865	-	305,602	RTI INTERNATIONAL	1PL1HD101059-01	305,602	
Child Health and Human Development Extramural	93.865	-	283,619	HARVARD COLLEGE	1P01HD103133-01	283,619	
Child Health and Human Development Extramural	93.865	-	210,186	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOS	1R01HD098175-01A1	210,186	
Child Health and Human Development Extramural	93.865	-	99,131	NEW YORK PRESBYTERIAN HOSPITAL-WEILL CORNELL MEDIC	3P01HD067244-08S1	99,131	
Child Health and Human Development Extramural	93.865	-	57,438	SHARP HEALTHCARE FOUNDATION	5R01HD088646-03	57,438	
Child Health and Human Development Extramural	93.865	-	56,398	SHARP HEALTHCARE FOUNDATION	5R01HD088646-05	56,398	
Child Health and Human Development Extramural	93.865	-	56,244	HARVARD COLLEGE	5U01HD052102-15	56,244	
Child Health and Human Development Extramural	93.865	-	44,292	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	5R01HD089918-04	44,292	
Child Health and Human Development Extramural	93.865	-	42,558	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5U19HD089881-05	42,558	
Child Health and Human Development Extramural	93.865	-	39,789	BAEBIES INC	1R44HD095225-03	39,789	
Child Health and Human Development Extramural	93.865	-	39,648	UNIVERSITY OF VIRGINIA	5R01HD087413-04	39,648	
Child Health and Human Development Extramural	93.865	-	39,245	THE GEORGE WASHINGTON UNIVERSITY	5U54NS115054-02	39,245	
Child Health and Human Development Extramural	93.865	-	28,651	UNIVERSITY OF WISCONSIN MILWAUKEE	1R01HD096085-01A1	28,651	
Child Health and Human Development Extramural	93.865	-	26,368	FLORIDA STATE UNIVERSITY	5U19HD089875-06	26,368	
Child Health and Human Development Extramural	93.865	-	25,703	RTI INTERNATIONAL	2U24HD069031	25,703	
Child Health and Human Development Extramural	93.865	-	24,130	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5R03HD096188-02	24,130	
Child Health and Human Development Extramural	93.865	-	23,417	UNIVERSITY OF TEXAS AT AUSTIN	7U01HD077384-06	23,417	
Child Health and Human Development Extramural	93.865	-	18,653	CASE WESTERN UNIVERSITY	R01HD098127-01A1	18,653	
Child Health and Human Development Extramural	93.865	-	16,743	VANDERBILT UNIVERSITY MEDICAL CENTER	1R21HD103348-01	16,743	
Child Health and Human Development Extramural	93.865	-	15,866	THE GEORGE WASHINGTON UNIVERSITY	5U54NS115054-03	15,866	
Child Health and Human Development Extramural	93.865	-	15,526	SHARP HEALTHCARE FOUNDATION	5R01HD088646-04	15,526	
Child Health and Human Development Extramural	93.865	-	9,372	UNIVERSITY OF TEXAS MEDICAL BRANCH	5P2CHD065702-10	9,372	
Child Health and Human Development Extramural	93.865	-	8,840	RTI INTERNATIONAL	RFA-HD-19-025	8,840	
Child Health and Human Development Extramural	93.865	-	6,037	INDIANA UNIVERSITY	1R01HD101476-01A1	6,037	
Child Health and Human Development Extramural	93.865	-	3,803	MISSISSIPPI STATE UNIVERSITY	1R15HD098660-01	3,803	
Child Health and Human Development Extramural	93.865	-	3,532	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1R01HD086139-01A1	3,532	
Child Health and Human Development Extramural	93.865	-	3,492	KESSLER FOUNDATION, INC.	7R01HD091155-03	3,492	
Child Health and Human Development Extramural	93.865	-	1,378	WASHINGTON UNIVERSITY IN ST LOUIS	1R01HD086323-02	1,378	
Child Health and Human Development Extramural	93.865	-	1,254	UNIVERSITY OF CALIFORNIA LOS ANGELES	1R01HD092471-01	1,254	
Child Health and Human Development Extramural	93.865	-	(13)	WASHINGTON UNIVERSITY IN ST LOUIS	1U01HD077384-02	(13)	
Child Health and Human Development Extramural	93.865	-	(6,425)	INDIANA UNIVERSITY	5R01HD86007-02	(6,425)	
93.865 Total		<u>8,682,583</u>	<u>3,502,240</u>			<u>12,184,823</u>	<u>2,179,683</u>
Aging Research	93.866	14,190,282	-			14,190,282	2,421,339
Aging Research	93.866	-	463,268	UNIVERSITY OF FLORIDA	5R37AG033906-18	463,268	
Aging Research	93.866	-	133,421	INDIANA UNIVERSITY	1R01AG057703-01	133,421	
Aging Research	93.866	-	121,547	SALK INSTITUTE FOR BIOLOGICAL SCIENCE	1RF1AG068550-01	121,547	
Aging Research	93.866	-	120,747	JOHNS HOPKINS UNIVERSITY	1RF1AG050609-01A1	120,747	
Aging Research	93.866	-	109,152	UNIVERSITY OF WASHINGTON	1R01AG056486-01	109,152	
Aging Research	93.866	-	101,782	WAKE FOREST UNIVERSITY SCHOOL OF MEDICINE	5R01AG058571-04	101,782	
Aging Research	93.866	-	97,647	DUKE UNIVERSITY	1R01AG062502-01A1	97,647	
Aging Research	93.866	-	90,465	UNIVERSITY OF PENNSYLVANIA	5R01AG062819-03	90,465	

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**The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Aging Research	93.866	-	88,628	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER	7R03AG056330-02	88,628	
Aging Research	93.866	-	85,772	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	3RF1AG058067-01A1S2	85,772	
Aging Research	93.866	-	75,774	UNIVERSITY OF SOUTHERN CALIFORNIA	R01AG053798	75,774	
Aging Research	93.866	-	75,584	NORTHERN CALIFORNIA INST FOR RESEARCH AND EDU	1R01AG063887-01	75,584	
Aging Research	93.866	-	73,998	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	7R01AG056360-02	73,998	
Aging Research	93.866	-	72,328	UNIVERSITY OF MICHIGAN	1RF1AG068410-01	72,328	
Aging Research	93.866	-	69,256	THE JACKSON LAORATORY	1RF1AG063755-01	69,256	
Aging Research	93.866	-	69,245	UNIVERSITY OF CALIFORNIA IN SAN FRANCISCO	1R01AG059009	69,245	
Aging Research	93.866	-	66,092	UNIVERSITY OF WASHINGTON	5R33AG067069-02	66,092	
Aging Research	93.866	-	63,856	DUKE UNIVERSITY	7RF1AG057264-02	63,856	
Aging Research	93.866	-	56,863	UNIVERSITY OF SOUTHERN CALIFORNIA	5U19AG02-4904-15	56,863	
Aging Research	93.866	-	47,252	MOUNT SINAI SCHOOL OF MEDICINE	5R01AG061186-02	47,252	
Aging Research	93.866	-	46,949	UNIVERSITY OF SOUTHERN CALIFORNIA	1U24AG057437-01	46,949	
Aging Research	93.866	-	46,004	MAYO CLINIC ROCHESTER	5U19AG063911-02	46,004	
Aging Research	93.866	-	45,888	UNIVERSITY OF SOUTHERN CALIFORNIA	1R01AG063689-01	45,888	
Aging Research	93.866	-	43,896	UNIVERSITY OF MICHIGAN	1RF1AG057540-01	43,896	
Aging Research	93.866	-	42,967	WASHINGTON UNIVERSITY IN ST LOUIS	5R01AG053267-02	42,967	
Aging Research	93.866	-	39,656	CALIFORNIA PACIFIC MED. CTR. RES. INST.	1R01AG066671-01	39,656	
Aging Research	93.866	-	38,550	THE GEORGE WASHINGTON UNIVERSITY	1RF1AG069121-01	38,550	
Aging Research	93.866	-	31,001	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	5U19AG062682-02	31,001	
Aging Research	93.866	-	28,195	BETH ISRAEL DEACONESS MEDICAL CENTER	1R01AG065554-01	28,195	
Aging Research	93.866	-	26,014	UNIVERSITY OF SOUTHERN CALIFORNIA	5R01AG053798-02	26,014	
Aging Research	93.866	-	25,851	EMORY UNIVERSITY	5R34AG058835-02	25,851	
Aging Research	93.866	-	25,505	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	7RF1AG056111-02	25,505	
Aging Research	93.866	-	20,071	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER	5R01AG047290-03	20,071	
Aging Research	93.866	-	15,184	UNIVERSITY OF PENNSYLVANIA	1R01AG062819-01A1	15,184	
Aging Research	93.866	-	14,195	UNIVERSITY OF KANSAS MEDICAL CENTER	1R01AG072895-01	14,195	
Aging Research	93.866	-	13,030	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	5U19AG062682	13,030	
Aging Research	93.866	-	12,547	UNIVERSITY OF WISCONSIN IN MADISON	5R01AG040178-07	12,547	
Aging Research	93.866	-	11,538	UNIVERSITY OF CALIFORNIA IN DAVIS	1U14AG063720-01A1	11,538	
Aging Research	93.866	-	10,540	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1R01AG057709	10,540	
Aging Research	93.866	-	8,555	CALIFORNIA PACIFIC MED. CTR. RES. INST.	5R01AG066671-02	8,555	
Aging Research	93.866	-	4,694	NORTHWESTERN UNIVERSITY	1R01AG047416-01A1	4,694	
Aging Research	93.866	-	4,135	REGENTS OF THE UNIVERSITY OF COLORADO	1R01AG054366-01A1	4,135	
Aging Research	93.866	-	2,327	UNIVERSITY OF SOUTHERN CALIFORNIA	5U01AG024904-10	2,327	
Aging Research	93.866	-	1,676	CLEMSON UNIVERSITY	7U01AG062370-03	1,676	
Aging Research	93.866	-	1,020	CALIFORNIA PACIFIC MED. CTR. RES. INST.	1R56AG061085-01	1,020	
Aging Research	93.866	-	398	UNIVERSITY OF MICHIGAN	1R01AG062582-01A1	398	
Aging Research	93.866	-	(25)	THE JACKSON LAORATORY	5R01AG052608-04	(25)	
Aging Research	93.866	-	(4,730)	UNIVERSITY OF CALIFORNIA LOS ANGELES	5R01AG054366-03	(4,730)	
Aging Research	93.866	-	(59,466)	ALZHEIMER'S DISEASE COOPERATIVE STUDY	2U01AG24904-06	(59,466)	
93.866 Total		<u>14,190,282</u>	<u>2,578,842</u>			<u>16,769,124</u>	<u>2,421,339</u>
Vision Research	93.867	10,986,887	-			10,986,887	2,281,866
Vision Research	93.867	-	491,110	VANDERBILT UNIVERSITY MEDICAL CENTER	5U24EY029893-03	491,110	
Vision Research	93.867	-	375,945	UNIVERSITY OF PENNSYLVANIA	1R01EY030192-02S1	375,945	

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The University of Alabama at Birmingham
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Vision Research	93.867	-	262,632	UNIVERSITY OF CALIFORNIA - BERKELEY	2R01EY023591-06	262,632	
Vision Research	93.867	-	198,736	UNIVERSITY OF FLORIDA	5R01EY024280-07	198,736	
Vision Research	93.867	-	151,763	UNIVERSITY OF PENNSYLVANIA	1R01EY031209-01A1	151,763	
Vision Research	93.867	-	122,123	UNIVERSITY OF FLORIDA	1R01EY028968-01A1	122,123	
Vision Research	93.867	-	103,865	DOHENY EYE INSTITUTE INC	1R01EY030501-01A1	103,865	
Vision Research	93.867	-	57,855	VANDERBILT UNIVERSITY MEDICAL CENTER	1U54EY032442-01	57,855	
Vision Research	93.867	-	51,448	OKLAHOMA MEDICAL RESEARCH FOUNDATION	5R01EY024944-03	51,448	
Vision Research	93.867	-	45,991	UNIVERSITY OF WASHINGTON	1R01EY028282-01A1	45,991	
Vision Research	93.867	-	41,967	JAEB CENTER FOR HEALTH RESEARCH INC	MTS1	41,967	
Vision Research	93.867	-	37,762	OKLAHOMA MEDICAL RESEARCH FOUNDATION	5R01EY024944-04	37,762	
Vision Research	93.867	-	21,483	VANDERBILT UNIVERSITY MEDICAL CENTER	5U24EY029893-02	21,483	
Vision Research	93.867	-	19,392	JAEB CENTER FOR HEALTH RESEARCH INC	5U10EY011751-20	19,392	
Vision Research	93.867	-	17,136	UNIVERSITY OF PENNSYLVANIA	5R01EY015537-14	17,136	
Vision Research	93.867	-	3,724	NEW YORK UNIVERSITY MEDICAL SCHOOL	1U10EY026869-01	3,724	
Vision Research	93.867	-	986	MICHIGAN STATE UNIVERSITY	5R01EY016077-10	986	
Vision Research	93.867	-	982	JAEB CENTER FOR HEALTH RESEARCH INC	UG1EY011751	982	
Vision Research	93.867	-	14	SALUS UNIVERSITY	1U10EY022599-03	14	
Vision Research	93.867	-	(19,926)	UNIVERSITY OF CALIFORNIA - BERKELEY	R01EY023591	(19,926)	
93.867 Total		<u>10,986,887</u>	<u>1,984,988</u>			<u>12,971,875</u>	<u>2,281,866</u>
Medical Library Assistance	93.879	20,771	-			20,771	
93.879 Total		<u>20,771</u>	<u>-</u>			<u>20,771</u>	<u>-</u>
CDC Collaboration with Academia to Strengthen Public Health	93.967	-	2,166	ASSOCIATION OF AMERICAN MEDICAL COLLEGES	5NU36OE00007-03-00	2,166	
93.967 Total		<u>-</u>	<u>2,166</u>			<u>2,166</u>	<u>-</u>
International Research and Research Training	93.989	184,979	-			184,979	62,947
International Research and Research Training	93.989	-	15,339	UNIVERSIDAD PERUANA CAYETANO HEREDIA	2D43TW009763-07	15,339	
International Research and Research Training	93.989	-	8,857	UNIVERSITY OF PITTSBURGH	7U2RTW010104-06	8,857	
International Research and Research Training	93.989	-	4,937	UNIVERSIDAD PERUANA CAYETANO HEREDIA	2D43TW009763-06	4,937	
93.989 Total		<u>184,979</u>	<u>29,133</u>			<u>214,112</u>	<u>62,947</u>
Contract #HHSN272201600018C	93.RD	1,212,317	-			1,212,317	508,660
Contract #HHSN268201800005I Opt 2	93.RD	966,624	-			966,624	364,702
Contract	93.RD	-	870,998	ABT ASSOCIATES INC	75D301-20-R-67897	870,998	
Contract #HHSN268201800007I TO 01	93.RD	659,808	-			659,808	
Contract #HHSN268201800005I Base	93.RD	649,663	-			649,663	93,915
Contract #HHSN272201300012I/TO F00131	93.RD	590,807	-			590,807	284,069
Contract #HHSN272201300012I/HHSN27200014	93.RD	556,665	-			556,665	419,549
Contract	93.RD	-	490,950	EMORY UNIVERSITY	3UM1A148684-01S2	490,950	
Contract #75N93019D00016 - B05	93.RD	448,909	-			448,909	
Contract #HHSN272201300012I/HHSN27200016	93.RD	427,195	-			427,195	255,743
Contract #75D30118C02929	93.RD	401,196	-			401,196	48,993
Contract #HHSN272201600017C	93.RD	383,908	-			383,908	78,096
Contract #75N91019D00019/75N91019F00132	93.RD	372,400	-			372,400	372,400
Contract #75N91019D00019/75N91019F00131	93.RD	347,916	-			347,916	347,916
Contract #HHSN272201300012I/HHSN27200015	93.RD	314,706	-			314,706	242,795
Contract #HHSN261201500036I TO 10	93.RD	274,664	-			274,664	194,470
Contract #HHSN272201300012I/TO F00132	93.RD	207,292	-			207,292	94,111

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Contract #HHSN268201800005I/HHSN26 Opt 3	93.RD	195,022	-			195,022	29,594
Contract #75D30120C09617	93.RD	179,538	-			179,538	19,375
Contract	93.RD	-	170,052	WESTAT CORPORATION	HHSN275201800001I	170,052	76,856
Contract #HHSN261201500036I TO 11	93.RD	168,506	-			168,506	168,506
Contract	93.RD	-	151,135	ABT ASSOCIATES INC	75D30120C08150	151,135	
Contract #HHSN261201500036I TO9	93.RD	147,670	-			147,670	147,670
Contract #HHSN268201800007I/HHSN26800001	93.RD	109,779	-			109,779	
Contract #HHSN268201800005I TO 01 Opt 1	93.RD	106,437	-			106,437	9,273
Contract #75D30119C06541	93.RD	98,697	-			98,697	
Contract	93.RD	-	96,897	VANDERBILT UNIVERSITY MEDICAL CENTER	HHSN272201300023I	96,897	
Contract	93.RD	-	87,115	MRIMATH LLC	75N91020C00049	87,115	
Contract	93.RD	-	70,341	UNIVERSITY OF WISCONSIN IN MADISON	HHSN261201200033I	70,341	
Contract	93.RD	-	66,314	UNIVERSITY OF UTAH	HHSN275201800009I	66,314	
Contract #HHSN272201100035C	93.RD	50,014	-			50,014	
Contract	93.RD	-	48,987	EASTERN COOPERATIVE ONCOLOGY GROUP	EA1151	48,987	
Contract	93.RD	-	48,426	UNIVERSITY OF PENNSYLVANIA	75A50120C00134	48,426	
Contract #IPA J HYDE - DETECT STUDY	93.RD	43,027	-			43,027	
Contract #HHSN272201300012I/HHSN27200013	93.RD	41,308	-			41,308	41,308
Contract	93.RD	-	36,486	J. CRAIG VENTER INSTITUTE	75N93019C000076	36,486	
Contract #HHSN268201800005I TO 01 BASE	93.RD	32,388	-			32,388	
Contract #75N91019D00019/75N91019F00130	93.RD	29,103	-			29,103	
Contract	93.RD	-	27,226	JOHNS HOPKINS UNIVERSITY	205742	27,226	
Contract	93.RD	-	17,827	CHILDREN'S HOSPITAL BOSTON	75D30119C05584	17,827	
Contract	93.RD	-	16,384	RAND CORPORATION	HHSM-500-2017-00083G	16,384	
Contract	93.RD	-	13,597	JANSSEN RESEARCH AND DEVELOPMENT, LLC	HHSO100201500014C	13,597	
Contract	93.RD	-	13,240	MAYO CLINIC ROCHESTER	HHSN261201200042I	13,240	
Contract #IPA M FOXALL	93.RD	13,140	-			13,140	
Contract	93.RD	-	12,747	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	HHSN268201800010	12,747	
Contract #HHSN261201500036I	93.RD	11,653	-			11,653	
Contract #75N93019D00016	93.RD	10,995	-			10,995	
Contract	93.RD	-	10,399	JAEB CENTER FOR HEALTH RESEARCH INC	U10EY011751	10,399	
Contract #HHSN0302201800248P	93.RD	10,000	-			10,000	
Contract #HHSN272201100038C	93.RD	9,985	-			9,985	3,550
Contract	93.RD	-	9,689	SUMMIT OXFORD LIMITED	HHSO100201700014C	9,689	
Contract	93.RD	-	6,963	JOHNS HOPKINS UNIVERSITY	U01CA137443	6,963	
Contract	93.RD	-	6,453	UNIVERSITY OF ROCHESTER	HHSN272201400005C	6,453	
Contract #HHSN272201100034C	93.RD	4,980	-			4,980	
Contract	93.RD	-	4,444	ABT ASSOCIATES INC	HHSND20002013M53890B/75D30119F069241	4,444	
Contract	93.RD	-	3,606	AI BIOSCIENCES INC.	75N930019C00018	3,606	
Contract	93.RD	-	3,328	LEIDOS BIOMEDICAL RESEARCH, INC	75N91019D00024	3,328	
Contract	93.RD	-	3,076	WESTAT CORPORATION	HHSN261201600007I	3,076	
Contract	93.RD	-	3,035	JOHNS HOPKINS UNIVERSITY	5UM1CA137443-10	3,035	
Contract	93.RD	-	2,646	EASTERN COOPERATIVE ONCOLOGY GROUP	EA1183	2,646	
Contract #HHSN272201300012I/Task F00132	93.RD	2,967	-			2,967	1,998
Contract	93.RD	-	1,893	CONRAD, EASTERN VIRGINIA MEDICAL SCHOOL	200-2016-91449	1,893	
Contract	93.RD	-	1,501	BAVARIAN NORDIC A/S	HHSO100201700019C	1,501	
Contract	93.RD	-	1,231	NORTHWESTERN UNIVERSITY	HHSN261201200035I	1,231	
Contract	93.RD	-	882	CHILDREN'S HOSPITAL LOS ANGELES	1U01AI126612-01A1	882	

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Contract #HHSN272201100037C	93.RD	844	-			844	
Contract	93.RD	-	92	ABT ASSOCIATES INC	HHSND20002013M53890B	92	
Contract #HHSN272201100036C	93.RD	(98)	-			(98)	
Contract	93.RD	-	(143)	ABT ASSOCIATES INC	HHSD20002013M53890B/75D30118F03024	(143)	
Contract #HHSN272201300012I-TO12 Opt 2	93.RD	(555)	-			(555)	
Contract	93.RD	-	(1,137)	LOVELACE BIOMEDICAL RESERACH INSTITUTE	HHSNO100201700023I-75A5012OF33002	(1,137)	
Contract #HHSN272201300012I	93.RD	(2,248)	-			(2,248)	
Contract	93.RD	-	(2,946)	ABT ASSOCIATES INC	HHSD20002013M53890B/75D30119F06241	(2,946)	
Contract	93.RD	-	(15,981)	ATOX BIO, LTD	HHSO1002014000013C	(15,981)	
Contract #HHSN261201500036I TO 07	93.RD	(103,107)	-			(103,107)	
Unknown	93.RD	-	1,018,438	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1OT2HL156812-01	1,018,438	
Unknown	93.RD	-	929,441	RTI INTERNATIONAL	1OT2HL156812-01	929,441	123,077
Unknown	93.RD	-	82,966	EASTERN COOPERATIVE ONCOLOGY GROUP	ECOG-ACRIN	82,966	
Unknown	93.RD	-	37,896	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1OT3HL147154-01	37,896	
Unknown	93.RD	-	36,352	OREGON HEALTH & SCIENCES UNIVERSITY	SWOG	36,352	
Unknown	93.RD	-	30,360	UNIVERSITY OF BERN INSTITUTE FOR SOCIALUND PREVENT	SU01AI069924-15	30,360	
Unknown	93.RD	-	30,017	BIRMINGHAM AIDS OUTREACH	CNVA00055333 (129659-3)	30,017	
Unknown	93.RD	-	28,424	UNIVERSITY OF PENNSYLVANIA	SUH3HL141736-04	28,424	
Unknown	93.RD	-	19,365	NEW YORK UNIVERSITY	0T2HL156812	19,365	
Unknown	93.RD	-	14,874	NRG ONCOLOGY INC	NRG NCORP	14,874	
Unknown	93.RD	-	7,384	JAEB CENTER FOR HEALTH RESEARCH INC	UG1EY011751	7,384	
Unknown	93.RD	-	6,249	UNIVERSITY OF PENNSYLVANIA	R01-HD-098269-01A1	6,249	
Unknown	93.RD	-	4,809	JOHNS HOPKINS UNIVERSITY	SUM1CA137443-10	4,809	
Unknown	93.RD	-	2,030	CENTRE FOR INFECTIOUS DISEASE RESEARCH IN ZAMBIA	5001GH000526-03	2,030	
Unknown	93.RD	-	260	MAYO CLINIC ROCHESTER	1UG1CA189823-01	260	
93.RD Total		8,974,115	4,526,618			13,500,733	3,926,626
Total Department of Health and Human Services		304,993,644	34,394,188			339,387,832	61,378,965
Department of Homeland Security							
Contract	97.RD	-	8,505	AUBURN UNIVERSITY	CPS AUCVM	8,505	
Contract #70RSAT18CB0000042	97.RD	(157)	-			(157)	
97.RD Total		(157)	8,505			8,348	-
Total Department of Homeland Security		(157)	8,505			8,348	-
U. S. Agency for International Development							
USAID Foreign Assistance for Programs Overseas	98.001	-	9,452	INTL AIDS VACCINE INITIATIVE	AID-OAA-A-16-00032	9,452	
USAID Foreign Assistance for Programs Overseas	98.001	-	5,702	NATL ACADEMY OF SCIENCES	AID-263-A-15-00002	5,702	
98.001 Total		-	15,154			15,154	-
Foreign Assistance to American Schools and Hospitals Abroad (ASHA)	98.006	-	63,559	UNIVERSITY OF PITTSBURGH	AID-OAA-A-17-00002/FY19-A01-6024	63,559	
98.006 Total		-	63,559			63,559	-
Total U. S. Agency for International Development		-	78,713			78,713	-
TOTAL RESEARCH AND DEVELOPMENT CLUSTER		331,693,414	42,773,288			374,466,702	62,817,522
STUDENT FINANCIAL ASSISTANCE CLUSTER							
Department of Education							

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Federal Supplemental Education Opportunity Grant	84.007	1,455,183	-			1,455,183	
84.007 Total		1,455,183	-			1,455,183	-
Federal Work-Study Program	84.033	875,302	-			875,302	
84.033 Total		875,302	-			875,302	-
Federal Perkins Loan - Outstanding loans at fiscal year beginning	84.038	7,834,550	-			7,834,550	
84.038 Total		7,834,550	-			7,834,550	-
Federal Pell Grant	84.063	23,435,204	-			23,435,204	
84.063 Total		23,435,204	-			23,435,204	-
Direct Student Loans	84.268	163,230,477	-			163,230,477	
84.268 Total		163,230,477	-			163,230,477	-
Teacher Education Assistance for College and Higher Education Grants (TEACH)	84.379	21,197	-			21,197	
84.379 Total		21,197	-			21,197	-
Total Department of Education		196,851,913	-			196,851,913	-
Department of Health and Human Services							
Nurse Faculty Loan Program - Outstanding loans at fiscal year beginning	93.264	3,224,756	-			3,224,756	
Nurse Faculty Loan Program - New loans issued during fiscal year	93.264	674,521	-			674,521	
93.264 Total		3,899,277	-			3,899,277	-
Health Professions Student Loans - Outstanding loans at fiscal year beginning	93.342	1,185,576	-			1,185,576	
Health Professions Student Loans - New loans issued during fiscal year	93.342	160,089	-			160,089	
93.342 Total		1,345,665	-			1,345,665	-
Nurse Faculty Loan Program ARRA - Outstanding loans at fiscal year beginning	93.408	62,639	-			62,639	
93.408 Total		62,639	-			62,639	-
Total Department of Health and Human Services		5,307,581	-			5,307,581	-
TOTAL STUDENT FINANCIAL ASSISTANCE CLUSTER		202,159,494	-			202,159,494	-
DEPARTMENT OF TRANSPORTATION - HIGHWAY PLANNING AND CONSTRUCTION CLUSTER							
Department of Transportation							
Highway Planning and Construction	20.205	-	(8,144)	ALABAMA DEPT OF TRANSPORTATION	07-04278	(8,144)	
Highway Planning and Construction	20.205	-	(8,661)	ALABAMA DEPT OF TRANSPORTATION	14-0255	(8,661)	
20.205 Total		-	(16,805)			(16,805)	-
Total Department of Transportation		-	(16,805)			(16,805)	-

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
TOTAL DEPARTMENT OF TRANSPORTATION - HIGHWAY PLANNING AND CONSTRUCTION CLUSTER			<u>(16,805)</u>			<u>(16,805)</u>	<u>-</u>
DEPARTMENT OF EDUCATION - SPECIAL EDUCATION CLUSTER (IDEA)							
<u>Department of Education</u>							
Special Education_Grants to States	84.027	-	69,273	ALABAMA DEPT OF EDUCATION	P.L. 108-446	69,273	-
84.027 Total		-	69,273			69,273	-
Total Department of Education		-	69,273			69,273	-
TOTAL DEPARTMENT OF EDUCATION - SPECIAL EDUCATION CLUSTER (IDEA)		-	69,273			69,273	-
DEPARTMENT OF EDUCATION - TRIO CLUSTER							
<u>Department of Education</u>							
TRIO_Student Support Services	84.042	899,100	-			899,100	-
84.042 Total		899,100	-			899,100	-
TRIO_Upward Bound	84.047	557,426	-			557,426	-
84.047 Total		557,426	-			557,426	-
TRIO_McNair Post-Baccalaureate Achievement	84.217	289,403	-			289,403	-
84.217 Total		289,403	-			289,403	-
Total Department of Education		1,745,929	-			1,745,929	-
TOTAL DEPARTMENT OF EDUCATION - TRIO CLUSTER		1,745,929	-			1,745,929	-
DEPARTMENT OF HEALTH AND HUMAN SERVICES - HEAD START CLUSTER							
<u>Department of Health and Human Services</u>							
Head Start	93.600	1,081,311	-			1,081,311	143,845
COVID-19 Head Start	93.600	77,474	-			77,474	-
93.600 Total		1,158,785	-			1,158,785	143,845
Total Department of Health and Human Services		1,158,785	-			1,158,785	143,845
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES - HEAD START CLUSTER		1,158,785	-			1,158,785	143,845
OTHER PROGRAMS							
<u>Department of Agriculture</u>							
Distance Learning and Telemedicine Loans and Grants	10.855	22,749	-			22,749	-
10.855 Total		22,749	-			22,749	-
Total Department of Agriculture		22,749	-			22,749	-

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Department of Defense							
Contract - Navy Medicine/Dentistry/Optomety	12.U01	760,494	-			760,494	
Contract - Air Force Medical, Dentistry, Optometry	12.U02	528,038	-			528,038	
Contract - Army Health Profession Students	12.U03	281,824	-			281,824	
Contract - Go Army	12.U04	29,000	-			29,000	
Contract - Air Force Unknown	12.U05	26,153	-			26,153	
Contract - Coast Guard Unknown	12.U06	23,262	-			23,262	
Contract - Army Corp of Engineers	12.U07	10,209	-			10,209	
Contract - Navy Unknown	12.U08	4,172	-			4,172	
12 Total		<u>1,663,152</u>	<u>-</u>			<u>1,663,152</u>	<u>-</u>
Total Department of Defense		<u>1,663,152</u>	<u>-</u>			<u>1,663,152</u>	<u>-</u>
Department of Justice							
Drug Court Discretionary Grant Program	16.585	-	221,444	JEFFERSON COUNTY COMMISSION	201-DC-BX-0025	221,444	
Drug Court Discretionary Grant Program	16.585	-	137,555	JEFFERSON COUNTY COMMISSION	2020-VC-BX-0053	137,555	
16.585 Total		<u>-</u>	<u>358,999</u>			<u>358,999</u>	<u>-</u>
Comprehensive Opioid Abuse Site-Based Program	16.838	-	311,234	JEFFERSON COUNTY COMMISSION	2018-AR-BX-K013	311,234	
Comprehensive Opioid Abuse Site-Based Program	16.838	-	191,120	JEFFERSON COUNTY COMMISSION	2020-AR-BX-0138	191,120	
16.838 Total		<u>-</u>	<u>502,354</u>			<u>502,354</u>	<u>-</u>
Total Department of Justice		<u>-</u>	<u>861,353</u>			<u>861,353</u>	<u>-</u>
Department of Labor							
H-1B Job Training Grants	17.268	859,837	-			859,837	605,920
17.268 Total		<u>859,837</u>	<u>-</u>			<u>859,837</u>	<u>605,920</u>
Total Department of Labor		<u>859,837</u>	<u>-</u>			<u>859,837</u>	<u>605,920</u>
Department of Transportation							
Contract	20.U09	-	41,681	ALABAMA DEPT OF TRANSPORTATION	K-15-1884	41,681	
20. Total		<u>-</u>	<u>41,681</u>			<u>41,681</u>	<u>-</u>
Total Department of Transportation		<u>-</u>	<u>41,681</u>			<u>41,681</u>	<u>-</u>
Department of the Treasury							
COVID-19 Coronavirus Relief Fund	21.019	-	26,932,983	STATE OF ALABAMA DEPARTMENT OF FINANCE	SLT0002/SLT0223/2	26,932,983	
COVID-19 Coronavirus Relief Fund	21.019	-	6,436,061	JEFFERSON COUNTY COMMISSION	JCC CARES	6,436,061	
COVID-19 Coronavirus Relief Fund	21.019	-	5,650,736	STATE OF ALABAMA DEPARTMENT OF FINANCE	SLT0002/SLT0223	5,650,736	
21.019 Total		<u>-</u>	<u>39,019,780</u>			<u>39,019,780</u>	<u>-</u>
Total Department of the Treasury		<u>-</u>	<u>39,019,780</u>			<u>39,019,780</u>	<u>-</u>

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Appalachian Regional Commission							
Appalachian Research, Technical Assistance, and Demonstration Projects	23.011	12,943	-			12,943	-
23.011 Total		12,943	-			12,943	-
Total Appalachian Regional Commission		12,943	-			12,943	-
Federal Communications Commission							
COVID-19 Telehealth Program	32.006	240,349	-			240,349	-
32.006 Total		240,349	-			240,349	-
Total Federal Communications Commission		240,349	-			240,349	-
Small Business Administration							
Shuttered Venue Operators Grant Program	59.075	37,400	-			37,400	-
59.075 Total		37,400	-			37,400	-
Total Small Business Administration		37,400	-			37,400	-
Department of Education							
Graduate Assistance in Areas of National Need	84.200	145,012	-			145,012	-
84.200 Total		145,012	-			145,012	-
Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325	382,915	-			382,915	-
84.325 Total		382,915	-			382,915	-
Gaining Early Awareness and Readiness for Undergraduate Programs	84.334	3,259,155	-			3,259,155	1,066,479
84.334 Total		3,259,155	-			3,259,155	1,066,479
Child Care Access Means Parents in School	84.335	179,088	-			179,088	-
84.335 Total		179,088	-			179,088	-
English Language Acquisition State Grants	84.365	891,562	-			891,562	-
84.365 Total		891,562	-			891,562	-
Improving Teacher Quality State Grants	84.367	-	218,891	ALABAMA DEPT OF EDUCATION	PL 107-110	218,891	-
84.367 Total		-	218,891			218,891	-
Investing in Innovation (i3) Fund	84.411	-	81,833	NATIONAL WRITING PROJECT	U411A160004	81,833	-
84.411 Total		-	81,833			81,833	-
COVID-19 Higher Education Emergency Relief Fund (HEERF) - Student Aid Portion	84.425E	23,928,405	-			23,928,405	-
COVID-19 Higher Education Emergency Relief Fund (HEERF) - Institutional Portion	84.425F	12,393,806	-			12,393,806	-
COVID-19 Higher Education Emergency Relief Fund (HEERF) - Strengthening Institutions Program	84.425M	1,463,595	-			1,463,595	-
84.425 Total		37,785,806	-			37,785,806	-
Total Department of Education		42,643,538	300,724			42,944,262	1,066,479

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
<u>Consumer Product Safety Commission</u>							
Contract #61320619N0138 Option 1	87.U10	112,413	-			112,413	
Contract #61320619N0138 Base	87.U11	101	-			101	
87. Total		<u>112,514</u>	<u>-</u>			<u>112,514</u>	<u>-</u>
Total Consumer Product Safety Commission		<u>112,514</u>	<u>-</u>			<u>112,514</u>	<u>-</u>
<u>Department of Health and Human Services</u>							
Training in General, Pediatric, and Public Health Dentistry	93.059	<u>252,519</u>	<u>-</u>			<u>252,519</u>	<u>105,044</u>
93.059 Total		<u>252,519</u>	<u>-</u>			<u>252,519</u>	<u>105,044</u>
Prevention of Disease, Disability, and Death by Infectious Diseases	93.084	<u>254,745</u>	<u>-</u>			<u>254,745</u>	<u>47,508</u>
93.084 Total		<u>254,745</u>	<u>-</u>			<u>254,745</u>	<u>47,508</u>
Enhance Safety of Children Affected by Substance Abuse	93.087	<u>560,694</u>	<u>-</u>			<u>560,694</u>	<u>1,200</u>
93.087 Total		<u>560,694</u>	<u>-</u>			<u>560,694</u>	<u>1,200</u>
Area Health Education Centers Point of Service Maintenance and Enhancement Awards	93.107	694,183	-			694,183	563,770
COVID-19 Area Health Education Centers Point of Service Maintenance and Enhancement Awards	93.107	<u>79,865</u>	<u>-</u>			<u>79,865</u>	<u>62,762</u>
93.107 Total		<u>774,048</u>	<u>-</u>			<u>774,048</u>	<u>626,532</u>
Maternal and Child Health Federal Consolidated Programs	93.110	1,569,712	-			1,569,712	20,000
Maternal and Child Health Federal Consolidated Programs	93.110	-	<u>5,569</u>	AMERICAN COLLEGE OF OBSTETRICS & GYNECOLOGY	2UC4MC280420500	<u>5,569</u>	
93.110 Total		<u>1,569,712</u>	<u>5,569</u>			<u>1,575,281</u>	<u>20,000</u>
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	93.116	-	103,802	ALABAMA DEPT OF PUBLIC HEALTH	C10114110-6NU52PS910194	103,802	
Project Grants and Cooperative Agreements for Tuberculosis Control Programs	93.116	-	<u>33,746</u>	ALABAMA DEPT OF PUBLIC HEALTH	C00119124-NU52PS910194-01-00	<u>33,746</u>	
93.116 Total		<u>-</u>	<u>137,548</u>			<u>137,548</u>	<u>-</u>
Nurse Anesthetist Traineeships	93.124	<u>72,523</u>	<u>-</u>			<u>72,523</u>	
93.124 Total		<u>72,523</u>	<u>-</u>			<u>72,523</u>	<u>-</u>
Emergency Medical Services for Children	93.127	-	308,610	ALABAMA DEPT OF PUBLIC HEALTH	C10114143 -H33MC06713	308,610	
Emergency Medical Services for Children	93.127	-	<u>16,150</u>	ALABAMA DEPT OF PUBLIC HEALTH	C00119038-H33MC06713/0AA 184 40S	<u>16,150</u>	
93.127 Total		<u>-</u>	<u>324,760</u>			<u>324,760</u>	<u>-</u>
Centers for Research and Demonstration for Health Promotion and Disease Prevention	93.135	578,995	-			578,995	11,044
COVID-19 Centers for Research and Demonstration for Health Promotion and Disease Prevention	93.135	<u>169,430</u>	<u>-</u>			<u>169,430</u>	<u>-</u>
93.135 Total		<u>748,425</u>	<u>-</u>			<u>748,425</u>	<u>11,044</u>
Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	<u>787,530</u>	<u>-</u>			<u>787,530</u>	<u>100,000</u>
93.153 Total		<u>787,530</u>	<u>-</u>			<u>787,530</u>	<u>100,000</u>

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Disabilities Prevention	93.184	<u>3,945,343</u>	<u>-</u>			<u>3,945,343</u>	<u>1,977,939</u>
93.184 Total		<u>3,945,343</u>	<u>-</u>			<u>3,945,343</u>	<u>1,977,939</u>
Substance Abuse and Mental Health Services_Proj	93.243	721,247	-			721,247	
Substance Abuse and Mental Health Services_Proj	93.243	-	408,580	JEFFERSON COUNTY COMMISSION	1H79TI081163-01	408,580	
Substance Abuse and Mental Health Services_Proj	93.243	-	359,572	JEFFERSON COUNTY COMMISSION	1H79TI082946-02	359,572	
Substance Abuse and Mental Health Services_Proj	93.243	-	54,367	ALABAMA DEPT OF MENTAL HEALTH	HRSA-18-122	54,367	
Substance Abuse and Mental Health Services_Proj	93.243	-	13,307	ALABAMA DEPT OF EDUCATION	1H79SM080971-01	13,307	
Substance Abuse and Mental Health Services_Proj	93.243	-	3,813	ALABAMA DEPT OF PUBLIC HEALTH	C10114080-5H79SM062921-05	3,813	
Substance Abuse and Mental Health Services_Proj	93.243	-	(308)	ALABAMA DEPT OF PUBLIC HEALTH	C00119028-5H79SM062921-03	(308)	
93.243 Total		<u>721,247</u>	<u>839,331</u>			<u>1,560,578</u>	<u>-</u>
Advanced Nursing Education Grant Program	93.247	<u>464,980</u>	<u>-</u>			<u>464,980</u>	<u>-</u>
93.247 Total		<u>464,980</u>	<u>-</u>			<u>464,980</u>	<u>-</u>
Universal Newborn Hearing Screening	93.251	<u>-</u>	<u>35,204</u>	ALABAMA DEPT OF PUBLIC HEALTH	C00119191-H61MC00054	<u>35,204</u>	<u>-</u>
93.251 Total		<u>-</u>	<u>35,204</u>			<u>35,204</u>	<u>-</u>
CSELS Partnership: Strengthening Public Health Laboratories	93.322	<u>-</u>	<u>4,961</u>	ASSOCIATION OF PUBLIC HEALTH LABORATORIES	1U60OE000103	<u>4,961</u>	<u>-</u>
93.322 Total		<u>-</u>	<u>4,961</u>			<u>4,961</u>	<u>-</u>
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323	-	1,167,732	ALABAMA DEPT OF PUBLIC HEALTH	C10114058B-NU50CK000545	1,167,732	
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323	-	330,598	ALABAMA DEPT OF PUBLIC HEALTH	C10114200-6NU50CK000545-02-06	330,598	
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323	-	260,462	ALABAMA DEPT OF PUBLIC HEALTH	C10114183-1NU50CK000545-01-00	260,462	
93.323 Total		<u>-</u>	<u>1,758,792</u>			<u>1,758,792</u>	<u>-</u>
Paralysis Resource Center	93.325	<u>-</u>	<u>24,301</u>	CHRISTOPHER & DANA REEVE FOUNDATION	90PRRC0002-02-00	<u>24,301</u>	<u>-</u>
93.325 Total		<u>-</u>	<u>24,301</u>			<u>24,301</u>	<u>-</u>
Behavioral Risk Factor Surveillance System	93.336	<u>-</u>	<u>287,826</u>	ALABAMA DEPT OF PUBLIC HEALTH	C90116144-NU58DP006015	<u>287,826</u>	<u>-</u>
93.336 Total		<u>-</u>	<u>287,826</u>			<u>287,826</u>	<u>-</u>
Nurse Education, Practice Quality and Retention Grants	93.359	1,241,008	-			1,241,008	
COVID-19 Nurse Education, Practice Quality and Retention Grants	93.359	<u>70,895</u>	<u>-</u>			<u>70,895</u>	<u>-</u>
93.359 Total		<u>1,311,903</u>	<u>-</u>			<u>1,311,903</u>	<u>-</u>

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The University of Alabama at Birmingham
Schedule of Expenditures of Federal Awards
For the Year Ended September 30, 2021

Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Sickle Cell Treatment Demonstration Program	93.365	-	88,756	CAROLINAS HEALTHCARE SYSTEM	6U1EMC31108-02-01	88,756	
Sickle Cell Treatment Demonstration Program	93.365	-	49,532	CAROLINAS HEALTHCARE SYSTEM	6 U1EMC3110804-02	49,532	
Sickle Cell Treatment Demonstration Program	93.365	-	(46)	CAROLINAS HEALTHCARE SYSTEM	6 U1EMC31108-02-01	(46)	
93.365 Total		-	138,242			138,242	-
Prevention and Control of Chronic Disease and Associated Risk Factors in the U.S. Affiliated Pacific Islands, U.S. Virgin Islands, and Puerto Rico	93.377	(917)	-			(917)	-
93.377 Total		(917)	-			(917)	-
Cancer Research Manpower	93.398	545,809	-			545,809	
93.398 Total		545,809	-			545,809	-
Improving Health of Americans through Prevention/Management of Diabetes/Heart Disease/Stroke	93.426	-	99,690	ALABAMA DEPT OF PUBLIC HEALTH	C10114129-NU58DP006527	99,690	
Improving Health of Americans through Prevention/Management of Diabetes/Heart Disease/Stroke	93.426	-	18,123	ALABAMA DEPT OF PUBLIC HEALTH	C10114203-NU58DP006527	18,123	
93.426 Total		-	117,813			117,813	-
Every Student Succeeds Act/Preschool Development Grants	93.434	-	222,606	ALABAMA DEPT OF EDUCATION	90TP0065-01-00	222,606	6,829
93.434 Total		-	222,606			222,606	6,829
COVID-19 Testing for the Uninsured	93.461	1,311,109	-			1,311,109	
93.461 Total		1,311,109	-			1,311,109	-
COVID-19 Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution	93.498	58,030,844	-			58,030,844	
93.498 Total		58,030,844	-			58,030,844	-
Affordable Care Act (ACA) Public Health Training Centers Program, Resources Development and Academic Support to the Public Health Training Centers Program and Public Health Infrastructure and Systems Support	93.516	-	76,085	EMORY UNIVERSITY	5U86H31680-03-00	76,085	
Affordable Care Act (ACA) Public Health Training Centers Program, Resources Development and Academic Support to the Public Health Training Centers Program and Public Health Infrastructure and Systems Support	93.516	-	23,904	EMORY UNIVERSITY	5U86HP31680-04-00	23,904	
93.516 Total		-	99,989			99,989	-
University Centers for Excellence in Developmental Disabilities Education, Research, and Service	93.632	564,790	-			564,790	
COVID-19 University Centers for Excellence in Developmental Disabilities Education, Research, and Service	93.632	8,383	-			8,383	
93.632 Total		573,173	-			573,173	-
Foster Care Title IV-E	93.658	-	65,775	UNIVERSITY OF ALABAMA IN TUSCALOOSA	A21-0027-S009	65,775	
Foster Care Title IV-E	93.658	-	(491)	UNIVERSITY OF ALABAMA IN TUSCALOOSA	C200161203	(491)	

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
93.658 Total		-	65,284			65,284	-
Medical Student Education	93.680	1,712,169	-			1,712,169	-
93.680 Total		1,712,169	-			1,712,169	-
PPHF-2012 Mental and Behavioral Health Education and Training Grants	93.732	312,051	-			312,051	-
93.732 Total		312,051	-			312,051	-
Children's Health Insurance Program	93.767	-	431,542	ALABAMA DEPT OF PUBLIC HEALTH	C00119199-PL 111-148	431,542	15,378
Children's Health Insurance Program	93.767	-	68,634	ALABAMA DEPT OF PUBLIC HEALTH	C80113063-7500515	68,634	-
Children's Health Insurance Program	93.767	-	(5,720)	ALABAMA DEPT OF PUBLIC HEALTH	C90116151-7590515	(5,720)	-
93.767 Total		-	494,456			494,456	15,378
Opioid STR	93.788	-	45,779	ALABAMA DEPT OF MENTAL HEALTH	H79T1083325	45,779	-
93.788 Total		-	45,779			45,779	-
Cardiovascular Diseases Research	93.837	-	45,016	INDIANA UNIVERSITY	2R25HL124208-06	45,016	-
Cardiovascular Diseases Research	93.837	37,345	-			37,345	-
93.837 Total		37,345	45,016			82,361	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	143,778	-			143,778	-
93.847 Total		143,778	-			143,778	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	335,758	-			335,758	-
93.853 Total		335,758	-			335,758	-
Biomedical Research and Research Training	93.859	542,264	-			542,264	-
Biomedical Research and Research Training	93.859	-	14,220	NORTHERN ILLINOIS UNIVERSITY	7R25GM129216-02	14,220	-
Biomedical Research and Research Training	93.859	-	1,343	INDIANA UNIVERSITY	1R25GM141507-01	1,343	-
93.859 Total		542,264	15,563			557,827	-
Child Health and Human Development Extramural Research	93.865	4,073	-			4,073	2,054
93.865 Total		4,073	-			4,073	2,054
Aging Research	93.866	145,059	-			145,059	-
93.866 Total		145,059	-			145,059	-
Maternal, Infant and Early Childhood Home visiting Grant Program	93.870	-	524,813	ALABAMA DEPT. OF EARLY CHILDHOOD EDUCATION	X10MC33563	524,813	-
Maternal, Infant and Early Childhood Home visiting Grant Program	93.870	-	131,533	ALABAMA DEPT. OF EARLY CHILDHOOD EDUCATION	X10MC32174AND X10MC39669	131,533	-
93.870 Total		-	656,346			656,346	-
Strengthening the Public Health System in US-affiliated Pacific Islands (Non-PPHF)	93.874	-	32,036	UNIVERSITY OF HAWAII	6NU38OT000253-04-01	32,036	-
93.874 Total		-	32,036			32,036	-

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
Autism Collaboration, Accountability, Research, Education, and Support	93.877	141,256	-			141,256	
93.877 Total		<u>141,256</u>	<u>-</u>			<u>141,256</u>	<u>-</u>
Grants for Primary Care Training and Enhancement	93.884	8,949	-			8,949	
93.884 Total		<u>8,949</u>	<u>-</u>			<u>8,949</u>	<u>-</u>
COVID-19 National Bioterrorism Hospital Preparedness Program	93.889	-	209,098	ALABAMA HOSPITAL ASSOCIATION	MOU/ASPR GRANT	209,098	
93.889 Total		<u>-</u>	<u>209,098</u>			<u>209,098</u>	<u>-</u>
HIV Care Formula Grants	93.917	-	165,894	UNITED WAY OF CENTRAL ALABAMA INC	X07HA00049	165,894	
93.917 Total		<u>-</u>	<u>165,894</u>			<u>165,894</u>	<u>-</u>
COVID-19 Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918	95,906	-			95,906	
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918	92,422	-			92,422	
93.918 Total		<u>188,328</u>	<u>-</u>			<u>188,328</u>	<u>-</u>
HIV Prevention Activities_Health Department Based	93.940	-	803,394	ALABAMA DEPT OF PUBLIC HEALTH	C00119070-5-NU62PS924533-03-00	803,394	
HIV Prevention Activities_Health Department Based	93.940	-	512,710	ALABAMA DEPT OF PUBLIC HEALTH	C00119100-5NU62PS924533-03-00	512,710	
HIV Prevention Activities_Health Department Based	93.940	-	341,965	ALABAMA DEPT OF PUBLIC HEALTH	C10114046-NU62PS924533	341,965	
HIV Prevention Activities_Health Department Based	93.940	-	330,375	ALABAMA DEPT OF PUBLIC HEALTH	C10114047-NU62PS924533	330,375	
HIV Prevention Activities_Health Department Based	93.940	-	110,035	ALABAMA DEPT OF PUBLIC HEALTH	C10114048-NU62PS924533	110,035	
HIV Prevention Activities_Health Department Based	93.940	-	110,000	ALABAMA DEPT OF PUBLIC HEALTH	C10114013-NU62PS924533	110,000	
HIV Prevention Activities_Health Department Based	93.940	-	100,000	ALABAMA DEPT OF PUBLIC HEALTH	C00119075-NU62PS924533	100,000	
HIV Prevention Activities_Health Department Based	93.940	-	29,147	ALABAMA DEPT OF PUBLIC HEALTH	C00119127-5NU62PS924533-03-00	29,147	
93.940 Total		<u>-</u>	<u>2,337,626</u>			<u>2,337,626</u>	<u>-</u>
Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs	93.946	-	23,195	MONTANA DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERV	20-25-5-01-301-0 PRAMS	23,195	
Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs	93.946	-	17,141	ALABAMA DEPT OF PUBLIC HEALTH	C10119151-5U01DP006235-05-00	17,141	
Cooperative Agreements to Support State-Based Safe Motherhood and Infant Health Initiative Programs	93.946	-	1,931	ALABAMA DEPT OF PUBLIC HEALTH	C90116185-5U01DP006235	1,931	
93.946 Total		<u>-</u>	<u>42,267</u>			<u>42,267</u>	<u>-</u>
Sexually Transmitted Diseases (STD) Provider Education Grants	93.978	525,979	-			525,979	106,996
93.978 Total		<u>525,979</u>	<u>-</u>			<u>525,979</u>	<u>106,996</u>
Preventive Health and Health Services Block Grant	93.991	-	5,096	ALABAMA DEPT OF PUBLIC HEALTH	C10114035-1NB01OT009320-01-00	5,096	
93.991 Total		<u>-</u>	<u>5,096</u>			<u>5,096</u>	<u>-</u>
Maternal and Child Health Services Block Grant to the States	93.994	-	9,023	ALABAMA DEPT OF PUBLIC HEALTH	C10114051-B04MC33819	9,023	
Maternal and Child Health Services Block Grant to the States	93.994	-	2,552	ALABAMA DEPT OF PUBLIC HEALTH	C90116197-B04MC32523	2,552	
Maternal and Child Health Services Block Grant to the States	93.994	-	(1,148)	ALABAMA DEPT OF PUBLIC HEALTH	C90116088-B04MC32523	(1,148)	

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Federal Program	ALN	Direct	Pass-through	Pass-Through Grantor	Contract/Award or Pass-Through Num	Total Expenditures	Passed to Subrecipients
93.994 Total		-	10,427			10,427	-
Contract	93.U12	-	98,459	UNIVERSITY OF NEW MEXICO	75Q80120C00003	98,459	
Contract	93.U13	-	44,615	CHILDREN'S HOSPITAL BOSTON	75D30121C10297	44,615	
Contract	93.U14	-	8,848	BAVARIAN NORDIC A/S	HHSO100201700019C	8,848	
Unknown	93.U15	-	330,190	ALABAMA MEDICAID AGENCY	C200629856	330,190	
Unknown	93.U16	-	27,331	FLORIDA DEPARTMENT OF HEALTH	PRAMS FL	27,331	
93. Total		-	509,443			509,443	-
Corporation for National and Community Services							
Volunteers in Service to America	94.013	458,367	-			458,367	
94.013 Total		458,367	-			458,367	-
Total Corporation for National and Community Services							
		458,367	-			458,367	-
Total Department of Health and Human Services							
		76,837,416	8,631,273			85,468,689	3,219,221
TOTAL OTHER PROGRAMS							
		122,429,898	48,854,811			171,284,709	4,891,620
SPECIAL FEDERAL APPROPRIATIONS							
Miscellaneous							
Lister Hill Center for Health Policy	93.U17	378,891	-			378,891	
John J. Sparkman Center	93.U18	258,971	-			258,971	
93 Total		637,862	-			637,862	-
Total Miscellaneous							
		637,862	-			637,862	-
TOTAL SPECIAL FEDERAL APPROPRIATIONS							
		637,862	-			637,862	-
TOTAL FEDERAL							
		\$ 659,825,382	\$ 91,680,567			\$ 751,505,949	\$ 67,852,987

The accompanying notes are an integral part of this schedule.

The University of Alabama at Birmingham

Notes to Schedule of Expenditures of Federal Awards

Year Ended September 30, 2021

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") summarizes the federal expenditures of The University of Alabama at Birmingham ("UAB"), a campus of The University of Alabama System, under programs of the federal government for the year ended September 30, 2021. Other campuses of The University of Alabama System are presented in separate reports. The amounts reported as federal expenditures were obtained from UAB's general ledger. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Therefore, some amounts presented in this Schedule may differ from amounts presented in, or used in the preparation of, the statements of net position, the related statements of revenues, expenses, and changes in net position and cash flows of UAB. The federal expenditures of Southern Research Institute ("SRI"), a discretely presented component unit of UAB, have not been included within the Schedule as they have been included in a separate schedule of expenditures of federal awards that has been audited by other auditors.

The blended component units of UAB include UAB Research Foundation, UAB Athletics Foundation, UAB Hospital Management, L.L.C, and Triton Health Systems, L.L.C. These component units do not expend federal awards and therefore are not subject to requirements of the Uniform Guidance.

For purposes of the Schedule, federal awards include all grants, contracts, and similar agreements entered into directly between UAB and agencies and departments of the federal government and all subawards to UAB by nonfederal organizations pursuant to federal grants, contracts, and similar agreements. Negative amounts represent adjustments or credits to amounts reported as expenditures in prior years. Complete assistance listing numbers and pass-through numbers are provided when available.

2. Summary of Significant Accounting Policies

For purposes of the Schedule, expenditures for federal award programs are recognized on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance where certain types of expenditures are not allowable or are limited to reimbursement.

3. Facilities and Administrative Costs ("F&A Costs")

UAB applies its predetermined approved facilities and administrative rate when charging indirect cost to federal awards rather than the 10% de minimis cost rate described in Section 200.414 of the Uniform Guidance. UAB operates under predetermined fixed F&A cost rates which are effective from October 1, 2019 through September 30, 2023. The predetermined fixed rates were based on 2014 financial information. The base rate for on-campus research is 48.5% for the year ended September 30, 2021. Base rates for other F&A cost recoveries range from 5.4% to 45% for the year ended September 30, 2021.

The University of Alabama at Birmingham
Notes to Schedule of Expenditures of Federal Awards
Year Ended September 30, 2021

4. Provider Relief Funds (PRF)

The Schedule includes grant activity related to the Department of Health and Human Services ("HHS") Provider Relief Fund and American Rescue Plan (ARP) Distribution Assistance Listing #93.498. As required based on guidance in the 2021 OMB Compliance Supplement, the Schedule includes all Period 1 funds received between April 10, 2020 and June 30, 2020 and expended by June 30, 2021 as reported to HRSA via the PRF Reporting Portal. The Schedule thus includes \$58,030,844 of direct expenditures and \$0 in lost revenue. Given the timing covered by Period 1 funds, certain of these expenses were reflected in UAB's fiscal year 2020 financial statements.

5. Higher Education Emergency Relief Funds

The Schedule includes grant activity related to the Department of Education Higher Education Emergency Relief Funds under Assistance Listing #84.425E, 84.425F and 84.425M. \$2,206,651 of the amounts on the Schedule are supported by lost revenue, as allowed under the terms and conditions of the program. As such, this amount represents a reconciling item between the federal expenses in the University's financial statements and the amount included on the Schedule.

6. HRSA COVID-19 Testing and Treatment for the Uninsured

The University Hospital, which is a department of UAB, conducted COVID-19 testing and/or provided treatment for uninsured individuals with a COVID-19 primary diagnosis on or after February 4, 2020 and as such has requested claims reimbursement under Assistance Listing #93.461 Health Resources and Services Administration's ("HRSA") COVID-19 Claims Reimbursement to Health Care Providers and Facilities for Testing, Treatment and Vaccine Administration for the Uninsured program. University Hospital has recorded \$3,329,649 on the Schedule of Expenditures of Federal Awards consisting of \$2,018,540 reimbursed to date from HRSA on claims with service dates during fiscal year 2020 and \$1,311,109 in claims with service dates in fiscal year 2021 that have either not yet been submitted to HRSA or have been submitted, but not yet been reimbursed. Claims not yet submitted or reimbursed have been estimated based on services provided and expected reimbursement rates and any adjustments based on actual cash receipts, will be reflected in UAB's fiscal year 2022 Schedule of Expenditures of Federal Awards.

7. Federal Student Loan Programs

Direct Loan Programs

The Perkins, Health Professions Student Loan ("HPSL"), Nurse Faculty Loan Program ("NFLP"), and Loans to Disadvantaged Students ("LDS") programs are administered directly by UAB, and balances and transactions relating to these programs are included in UAB's basic financial statements.

The balances of loans outstanding at September 30, 2021 under the federal student loan programs are summarized as follows:

	Perkins (ALN 84.038)	HPSL (ALN 93.342)	NFLP (ALN 93.264)	LDS (ALN 93.342)	NFLP-ARRA (ALN 93.408)	Total
Total loan balance outstanding, September 30, 2021	\$ 6,350,811	\$ 1,023,342	\$ 3,675,814	\$ 68,978	\$ 53,625	\$ 11,172,570

Federal Direct Loans

The Federal Direct Student Loan (FDSL) program (Assistance Listing Number 84.268) was established under the Higher Education Act of 1965, as amended in the Student Loan Reform Act of 1993. The FDSL enables an eligible student or parent to obtain a loan to pay for the student's cost of attendance directly through UAB rather than through private lenders. UAB began participation in the FDSL on July 1, 1994. As a university qualified to originate loans, UAB is responsible for handling the complete loan origination process, including funds management and promissory note functions. UAB is not responsible for collection of these loans.

Part II
Schedule of Findings and Questioned Costs

The University of Alabama at Birmingham
Schedule of Findings and Questioned Costs
Year Ended September 30, 2021

Section I – Summary of Auditor’s Results

Financial Statements

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

Federal Awards

Internal control over major programs
 Material weakness(es) identified? __yes x no
 Significant deficiency(ies) identified that are not considered to be material weaknesses? __yes x none reported
 Type of auditor's report issued on compliance for major programs Unmodified
 Any audit findings disclosed that are required to be reported in accordance the with 2 CFR 200.516(a)? x yes __no

Identification of major programs:

Assistance Listing Number(s)	Name of Federal Program or Cluster
Various	Student Financial Assistance Cluster
21.019	COVID-19 Coronavirus Relief Fund
84.425E, 84.425F and 84.425M	COVID-19 Higher Education Emergency Relief Fund (HEERF) Student Portion, COVID-19 Higher Education Emergency Relief Fund (HEERF) Institutional Portion and COVID-19 Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program
93.498	COVID-19 Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution
93.461	COVID-19 Testing for the Uninsured Program
93.600	Head Start Cluster

Dollar threshold used to distinguish between Type A and Type B Programs \$ 3,000,000

Auditee qualified as low-risk auditee? x yes __ no

Section II – Financial Statement Findings

None

The University of Alabama at Birmingham

Schedule of Findings and Questioned Costs

Year Ended September 30, 2021

Section III – Federal Award Findings and Questioned Costs

Finding 2021-001: Student Financial Assistance – Return of Title IV Funds

Federal Agency: U.S. Department of Education

Program: Student Financial Assistance Cluster

Award(s) and Assistance Listing Numbers: Direct Loans (84.268) & Federal Pell Grant (84.063)

Award Year: Academic year 2020-2021

Criteria

34 CFR part 668 establishes rules governing the student withdrawal process including the return of unearned Title IV aid within 45 days of a student's withdrawal.

Condition

Through our Return of Title IV Funds testing, we noted 3 out of 25 selections for which the students began attendance but subsequently withdrew and their unearned title IV funds were not returned within 45 days of the withdrawal date. We noted 2 selections related to direct loans in the amount of \$1,731 & \$1,864 which were returned 48 days and 57 days after the withdrawal date. The last selection related to the Federal Pell Grant in the amount of \$149 which was returned 82 days after the withdrawal date.

Questioned Costs

None

Cause

Student Accounts Services experienced staff turnover and delayed rehiring due to COVID-19 which created staffing shortages for the department.

Effect

The University was not in compliance with the Return of Title IV Funds 45 day compliance requirement.

Recommendation We recommend the University enhance its controls and incorporate multiple individuals in the process to ensure that Title IV refunds are made timely.

Management's Views and Corrective Action Plan Management's views and corrective action plan is found on page 45 and is considered a part of this report.

THE UNIVERSITY OF ALABAMA AT BIRMINGHAM RESPONSE TO THE UNIFORM GUIDANCE AUDIT

The following is the University of Alabama at Birmingham's Response to the audit of Federal programs in accordance with the Uniform Guidance for the year ending September 30, 2021.

Finding 2021-001- Special Tests and Provisions: Return of Title IV

Program: Student Financial Assistance Cluster

Awards: Federal Pell Grant Program – 84.063; Federal Direct Loan Program – 84.268

Management understands the requirement to return unearned Title IV aid within 45 days of the student's withdrawal. Management acknowledges and agrees with the findings as presented. The Student Account Services experienced staff turnover shortly before the COVID-19 pandemic began creating a hardship in replacing them during limited business operations. With the staffing shortage, Student Account Services experienced inefficiencies related to the review of student withdrawals and the timely return of Title IV aid.

Management recognizes that there are peak times when withdrawals increase each semester and will have more than one person dedicated to processing these during these periods. Management will explore the option of having IT run an all-inclusive withdrawal report instead of having to identify students from a number of different reports to ensure all students who have full term withdrawals are found in a timely manner. The reports will be made available to the Student Account Services as well as the Controller's Office to further ensure all students who have full term withdrawals are identified in a timely manner.

The University of Alabama at Birmingham expects to have this item completed by August 2022.

For follow-up questions and information, contact Bernard Mays, University Controller at bmaysjr@uab.edu.

Sincerely,

Stephanie Mullins

Stephanie Mullins
UAB Chief Financial Officer

FINANCE & ADMINISTRATION

Office of Financial Affairs

Part III
Summary Schedule of Prior Audit Findings and Status

**The University of Alabama at Birmingham
Summary Schedule of Prior Audit Findings and Status
Year Ended September 30, 2021**

There are no findings from prior years that require an update in this report.

Part IV
2021 Financial Report



2021 Financial Report
University of Alabama at Birmingham



UAB is an equal education opportunity institution,
and an equal employment opportunity employer.

This report is published by the UAB Senior Vice President
for Finance and Administration. Obtain additional copies
by writing:

Senior Vice President for Finance and Administration
The University of Alabama at Birmingham
Birmingham, Alabama 35294

University of Alabama at Birmingham

2020-2021 Annual Financial Report

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Management's Responsibility for Financial Reporting

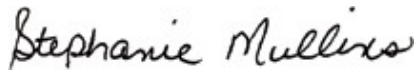
The accompanying financial statements of the University of Alabama at Birmingham (UAB) for the years ended September 30, 2021 and 2020 were prepared by UAB's management in conformity with accounting principles generally accepted in the United States of America.

The management of UAB is responsible for the integrity and objectivity of these financial statements, which are presented on the accrual basis of accounting and, accordingly, include some amounts based upon judgement. Other financial information in the annual report is consistent with that in the financial statements. The system of internal accounting controls is designed to help ensure that the financial reports and the books properly reflect the transactions of the institution, in accordance with established policies and procedures as implemented by qualified personnel.

The Board of Trustees of The University of Alabama, through its Audit, Risk and Compliance Committee, monitors the financial and accounting operations of the institution, including the review and discussion of periodic financial statements and the evaluation and adoption of budgets. The Board of Trustees of The University of Alabama, through its Audit, Risk and Compliance Committee, monitors the basis of engagement and reporting of independent auditors.



Brian D. Burnett, PhD
Senior Vice President for Finance and Administration



Stephanie Mullins
UAB Chief Financial Officer
Associate Vice President for Financial Affairs



Report of Independent Auditors

To the Board of Trustees of The University of Alabama:

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities and the discretely presented component unit of The University of Alabama at Birmingham ("UAB"), a campus of The University of Alabama System, which is a component unit of the State of Alabama, which comprise the statements of net position as of September 30, 2021 and 2020, and the related statements of revenues, expenses, and changes in net position and of cash flows (where applicable) for the years then ended, and the related notes to the financial statements, which collectively comprise UAB's basic financial statements.

Management's Responsibility for the Financial Statements

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

Auditors' Responsibility

Our responsibility is to express opinions on the financial statements based on our audits. We did not audit the financial statements of Southern Research Institute ("SRI"), UAB's discretely presented component unit, as of January 1, 2021 and December 28, 2019 and for the years then ended. Those statements were audited by other auditors whose report thereon has been furnished to us, and our opinion, insofar as it relates to the amounts included for SRI, is based solely on the report of the other auditors. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. The financial statements of Triton Health Systems, L.L.C., UAB Athletics Foundation, and UAB Research Foundation were not audited in accordance with *Government Auditing Standards*.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to UAB's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of UAB's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall



presentation of the financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, based on our audits and the report of other auditors, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the discretely presented component unit of The University of Alabama at Birmingham as of September 30, 2021 and 2020 and the respective changes in financial position and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As discussed in Note 1, the financial statements of UAB are intended to present the financial position, the changes in financial position and, where applicable, the cash flows of only that portion of the business-type activities of the financial reporting entity of The University of Alabama System that is attributable to the transactions of UAB. They do not purport to, and do not, present fairly the financial position of The University of Alabama System as of September 30, 2021 and 2020, the changes in its financial position, or, where applicable, its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

The accompanying management's discussion and analysis on pages 5 through 22 and the accompanying supplementary information for the pension plan and postemployment benefits on pages 75 through 77 are required by accounting principles generally accepted in the United States of America to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated January 24, 2022, on our consideration of UAB's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements, and other matters for the year ended September 30, 2021. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that



testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the UAB's internal control over financial reporting and compliance.

PricewaterhouseCoopers LLP

Birmingham, Alabama
January 24, 2022

The University of Alabama at Birmingham

Management's Discussion and Analysis (Unaudited)

The objective of management's discussion and analysis is to help readers of The University of Alabama at Birmingham ("UAB")'s financial statements better understand the financial position and operating activities for the fiscal years ended September 30, 2021 and 2020. This discussion has been prepared by management along with the financial statements and related note disclosures and should be read in conjunction with the financial statements and notes. The financial statements, notes, required supplementary information, and this discussion are the responsibility of management. In January 2020, the World Health Organization declared the novel Coronavirus ("COVID-19") a Public Health Emergency of International Concern. The outbreak of COVID-19 has caused domestic and global disruption in operations for institutions of higher education and healthcare organizations and has impacted several areas of UAB and University Hospital's financial statements as further discussed within the MD&A and Note 1.

History, Mission and Governance

The University of Alabama at Birmingham ("UAB") became an autonomous campus within The University of Alabama System in 1969 and, in the five decades since, has grown into a world-renowned research university and medical center, occupying more than 100 city blocks in Alabama's largest metropolitan area. UAB is the state's largest single-site employer with more than 23,000 employees. *Forbes* recently ranked UAB the number one Best Large Employer in America (above the likes of Mayo Clinic, NASA and Google) and the number one best employer for diversity among colleges and universities.

UAB's mission is to serve students, patients, the community and the global need for discovery, knowledge dissemination, education, creativity and the application of groundbreaking solutions. We are a leader among comprehensive public urban research universities with academic medical centers.

UAB has an economic impact on Alabama that exceeds \$7.15 billion annually and is key in growing a robust tech and knowledge-based economy for the Birmingham region and Alabama. The UAB Harbert Institute for Innovation and Entrepreneurship generated 127 intellectual property disclosures (up 50 percent in FY2021), 19 U.S. patents and three start-up companies in FY2021 alone—the Institute's seventh straight year to achieve a positive bottom line, among only 20 percent of university tech transfer offices nationally to do so. Innovation Depot, a high-tech business incubator in which UAB is a founding partner, is home to 110 start-up companies and more than 1,500 employees, and has a five-year economic impact exceeding \$3 billion

At UAB, we have never settled on merely finding what's next—we have helped build the future through new ideas and initiatives in the classroom, the laboratory, the studio and the clinic. UAB's vision, mission and shared values provide a foundation for the strategic plan, Forging the Future.

UAB is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, masters, doctorate, and professional degrees. UAB's accreditation was reaffirmed during the 2015 cycle. UAB's next reaffirmation will occur in the 2025 cycle. UAB offers Baccalaureate, Master's, Specialist, Doctoral, D.M.D, M.D, and O.D degrees. At the same time, UAB continues to offer students unrivaled research opportunities and novel academic programs, such as a new BS in Entrepreneurialism that enrolled more than 90 students in its first year and PhD in neuro-engineering that is the first program of its kind in the nation. UAB graduate programs continue to rank highly in US News & World Report, with 16 programs in the top 25, including a Master's in Health Administration that is number one nationally.

UAB is governed by The Board of Trustees of The University of Alabama (the "Board"), a body corporate under Alabama Law. The Board also governs The University of Alabama and The University of Alabama in Huntsville, which, along with UAB, make up The University of Alabama System (the "System"). The Board determines policy and approves operating budgets, educational programs, facilities and capital financings for each university, and sets the separate tuition and fee schedules applicable at each university. Oversight responsibilities of the Alabama Commission on Higher Education ("ACHE") and annual requests for appropriations from the Alabama legislature are coordinated for each campus by the Chancellor of the System with the approval of the Board.

UAB Awards, Accomplishments and Accolades

University:

UAB received the Higher Education Excellence in Diversity Award from INSIGHT into Diversity Magazine for a fifth straight year and remains one of only 14 universities nationally named a Diversity Champion. In addition, in February 2021 *Forbes* recently ranked UAB the number one Best Large Employer in America. UAB has been a leader in combating the COVID-19 pandemic through frontline patient care, research and shared expertise. Through November 2021, UAB administered 267,000 vaccines in Birmingham and in all 67 counties of Alabama, and treated over 5,650 COVID-positive patients, offering many of them the opportunity to take part in studies of new treatments available at only a handful of medical centers worldwide, including the first clinical trials of the antiviral drug Remdesivir. UAB Infectious disease experts conducted more than 125 interviews on major media outlets such as CNN, FOX News, and NBC with an estimated audience of 3.8 billion around the U.S. and the globe.

UAB's research enterprise is more competitive than ever. In FY2021, research awards reached a record \$648 million marking a 43 percent increase since FY2016 and continuing the most successful era of research funding in the university's history. Among public universities, UAB ranks 15th (top 3 percent) in federal research funding and 8th (top 2 percent) in NIH funding, with all six of its health-related schools (Health Professions, Optometry, Nursing, Dentistry, Public Health, and Medicine) ranked in the top ten. *U.S. News & World Report* recently ranked UAB among the top 10 percent of higher education institutions globally for academic research and reputation.

As a globally respected academic medical center, UAB excels at translating research into leading-edge patient care. UAB is home to the 8th largest hospital in the U.S. (1,207 beds), the state's only Level 1 Adult Trauma Center, the only National Cancer Institute-designated comprehensive cancer center in Alabama and a four-state region, and a Level 4 Regional Neonatal Intensive Care Unit that in 2020 delivered the youngest premature infant ever to survive worldwide (per the *Guinness Book of World Records* 2021). UAB Hospital recently earned the coveted Magnet Designation for Nursing Excellence for the fifth straight time (among only 21 hospitals worldwide to do so) and UAB Highlands was designated a Level 1 Geriatric ED, the only one in Alabama, the first in the Southeast, and only the 17th globally.

University Hospital:

This year's *U.S. News and World Report's* "Best Hospitals" special edition issue ranked eight UAB Medicine specialties among the nation's top 50 and ranked UAB Hospital as the top hospital in Alabama. *U.S. News and World Report* also ranked hospitals in adult procedures and conditions. University Hospital is ranked high performing, which is the highest ranking conferred, in 14 out of 17 adult procedures and conditions. Becker's Hospital Review named University Hospital on its most recent list of the "100 Great Hospitals in America," a compilation of hospitals that are considered industry innovators and known nationally for excellence in clinical care. University Hospital has been named a Magnet-designated organization for the fifth consecutive time by the American Nurses Credentialing Center Magnet Recognition Program®. UAB Hospital is only the 21st hospital worldwide to receive this designation five consecutive times. Magnet hospitals are recognized for excellence in nursing care and patient outcomes. UAB Medicine also ranked in the top ten in the nation on the Consumer Loyalty list, based on results from NRC Health's Market Insights survey, the largest database of health care consumer responses in the country. UAB Medicine's eMedicine program was recognized with Hicuity Health's 2021 WE SEE YOU CARE Award for its innovation, leadership, and partnership in implementing a shared services model of tele-ICU care. For the fourth time since 2016, UAB Medicine has received the LGBTQ Healthcare Equality Leader designation from the Human Rights Campaign Foundation, scoring a perfect 100 in the organization's five criteria.

Overview of Financial Statements

UAB's financial report includes three financial statements: the Statement of Net Position; the Statement of Revenues, Expenses and Changes in Net Position; and the Statement of Cash Flows. These financial statements are prepared in accordance with Governmental Accounting Standards Board ("GASB") principles, which establish standards for external financial reporting for public colleges and universities. The financial statements present comparative financial information of the University, the University of Alabama Hospital ("University Hospital"), and UAB's blended component units. The University Hospital's condensed financial information is presented at Note 15. The blended component units included within the financial information of UAB are UAB Research Foundation ("UABRF"), UAB Athletics Foundation ("UABAF"), Hospital Management L.L.C. ("LLC"), and Triton Health Systems, L.L.C. ("Triton"). In addition to the blended component unit, UAB has one discretely presented component unit in Southern Research Institute ("SRI"). The financial information of SRI does not form part of UAB's MD&A, UAB's financial statements, or UAB's footnotes. However, SRI's Statement of Net Position and Statements of Revenues, Expenses, and Changes in Net Position are disclosed separately on pages 27-28.

UAB's overall financial position remained strong, as assets totaled \$6.76, \$5.93, and \$5.53 billion at September 30, 2021, 2020, and 2019, respectively. Increases of \$831.8 million or 14.0% from September 30, 2020 to September 30, 2021 were primarily due to increases in the fair market value of the investments held. Increases of \$399.6 million or 7.2% from September 30, 2019 to September 30, 2020 were primarily due to increases in cash and cash equivalents, investments, and capital assets.

Total liabilities increased \$540.0 million or 15.7% from September 30, 2020 to September 30, 2021. The increase results primarily from pension and OPEB liability growth due to changes in actuarial evaluations. Total liabilities decreased \$101.4 million or 2.9% from September 30, 2019 to September 30, 2020. The decrease results primarily from a decrease in the OPEB liability.

The change in net position reflects the operating, nonoperating and other activity of UAB, which results from revenues, expenses, and gains and losses, and is summarized for the years ended September 30, 2021, 2020, and 2019, as follows:

	2021	2020	2019
TOTAL OPERATING REVENUES	\$ 4,133,307,349	\$ 3,712,470,836	\$ 3,602,383,812
TOTAL OPERATING EXPENSES	4,349,258,810	3,953,876,475	3,772,700,839
NET OPERATING LOSS	(215,951,461)	(241,405,639)	(170,317,027)
TOTAL NONOPERATING INCOME, CAPITAL, ENDOWMENT AND OTHER ACTIVITIES	1,048,006,244	450,349,699	403,275,983
INCREASE IN NET POSITION	\$ 832,054,783	\$ 208,944,060	\$ 232,958,956

Statements of Net Position

The statement of net position presents the financial position of UAB at the end of the fiscal year, and includes all assets, deferred outflows, liabilities, and deferred inflows recorded on the accrual basis of accounting. The changes in net position are indicators of whether the overall financial condition of UAB has improved or worsened during the year. A summarized comparison of UAB's assets, deferred outflows, liabilities, deferred inflows, and net position at September 30, 2021, 2020, and 2019, is as follows:

	2021	2020	2019
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets	\$ 2,854,225,459	\$ 2,502,144,919	\$ 2,071,860,183
Capital assets, net	1,788,161,516	1,784,230,411	1,723,027,158
Other assets	2,120,979,244	1,645,174,783	1,737,076,833
TOTAL ASSETS	6,763,366,219	5,931,550,113	5,531,964,174
Deferred outflows from debt refundings	12,081,090	13,336,713	12,305,553
Deferred outflows pension and OPEB related	850,533,926	305,494,017	301,435,989
TOTAL DEFERRED OUTFLOWS OF RESOURCES	862,615,016	318,830,730	313,741,542
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	\$ 7,625,981,235	\$ 6,250,380,843	\$ 5,845,705,716
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities	785,042,866	800,205,475	544,331,398
Noncurrent liabilities	3,196,098,532	2,640,898,752	2,998,164,006
TOTAL LIABILITIES	3,981,141,397	3,441,104,227	3,542,495,404
Deferred inflows from debt refundings	—	—	40,878
Deferred inflows pension and OPEB related	525,445,555	521,937,116	224,773,994
TOTAL DEFERRED INFLOWS OF RESOURCES	525,445,555	521,937,116	224,814,872
Net position	3,119,394,283	2,287,339,500	2,078,395,440
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	\$ 7,625,981,235	\$ 6,250,380,843	\$ 5,845,705,716

The major categories of current assets consist of cash and cash equivalents, short-term investments, and accounts receivable and are used to support UAB's normal operations. At September 30, 2021, the major categories totaled \$2.71 billion of the \$2.85 billion. Total current assets increased \$352.1 million or 14.1% from 2020. This increase resulted from the contributions made to the Liquidity and Capital Reserve Pool ("LCRP") throughout the year, reinvesting gains

during a period of poor market performance at the start of the year, followed by growth in unrealized gains due to improved investment performance during the middle and later part of 2021. The increase was offset by a decrease in both cash and cash equivalents and net receivables. At September 30, 2020, the major categories totaled \$2.37 billion of the \$2.50 billion and increased \$430.3 million or 20.8% from 2019. The increase is a result of more cash held on hand, some growth in short term investments due to an increase in earnings reinvested, temporary cost cutting measures out of precaution of the pandemic impact, and deferred payments of the employer share of Social Security taxes allowable under the CARES Act.

Deferred outflows represent the consumption of net assets attributable to a future period and consists of bond deferred refunding amounts (Note 7), pension obligations (Note 9), and other post-employment benefits ("OPEB") obligations (Note 10). At September 30, 2021, deferred outflows from debt refundings decreased \$1.3 million to \$12.1 million due to the annual amortization of the refundings. Deferred outflows related to the pension obligations increased \$101.7 million to \$300.3 million. The increase in deferred outflows related to the pension obligations is a result of the net difference between projected and actual earnings on pension plan investments and difference between expected and actual experience offset by a decrease in changes in actuarial assumptions. Deferred outflows related to the OPEB obligations increased \$443.3 million to \$550.2 million. The increase in the deferred outflows related to the OPEB obligations is a result of changes in actuarial assumptions and changes in proportion and differences between employer contributions and proportionate share of contributions. At September 30, 2020, deferred outflows from refundings increased \$1.0 million to 13.3 million due to a new debt issuances during the year. Deferred outflows related to the pension obligations increased \$13.6 million to \$198.6 million a result of an increase in differences between expected and actual experience. Deferred outflows related to the OPEB obligations decreased \$9.5 million to \$106.9 million as a result of a changes in proportion and differences between employer contributions and proportionate share of contributions.

Current liabilities consist primarily of accounts payable, accrued payroll and related benefits, unearned revenue, and current portion of long-term debt. At September 30, 2021, current liabilities decreased \$15.2 million to \$785.0 million. The decrease is due to University Hospital's Due to third-party payors and advances payable related to repayment of advance payments received in fiscal year 2020 from the Centers for Medicare and Medicaid Services ("CMS") Accelerated and Advance Payments Program. At September 30, 2020, current liabilities increased \$255.9 million to \$800.2 million. The increase is primarily due to the University Hospital's receipt of \$180.2 million from the Centers for Medicare and Medicaid Services ("CMS") Accelerated and Advanced Payments Program in 2020.

Deferred inflows represent the acquisition of net assets attributable to a future period and are associated with pension obligations (Note 9) and other post-employment benefits ("OPEB") obligations (Note 10). At September 30, 2021, deferred inflows related to the pension obligations decreased \$30.9 million to \$59.3 million. The decrease in deferred inflows related to the pension obligations is the result of a decrease in differences between expected and actual experiences and changes in proportion and differences between employer contributions and proportionate share of contributions. Deferred inflows related to the OPEB obligations increased \$34.4 million to \$466.1 million. The increase in deferred inflows related to the OPEB obligations is a result of differences between expected and actual experiences, a change in proportion, and differences between employer contributions and proportionate share of total contributions. At September 30, 2020 deferred inflows related to the pension obligations decreased \$52.5 million to \$90.2 million. The decrease in deferred inflows related to the pension obligations is the result of a decrease in differences between expected and actual experience, changes in proportion, and differences between employer contributions and proportionate share of total contributions. Deferred inflows related to the OPEB obligations increased \$349.7 million to \$431.8 million. The increase in deferred inflows related to the OPEB obligation is a result of a difference between expected and actual experience.

Endowment, Life Income and Other Investments

The composition of the UAB's endowment, life income and other investments at September 30, 2021, 2020, and 2019, is summarized as follows:

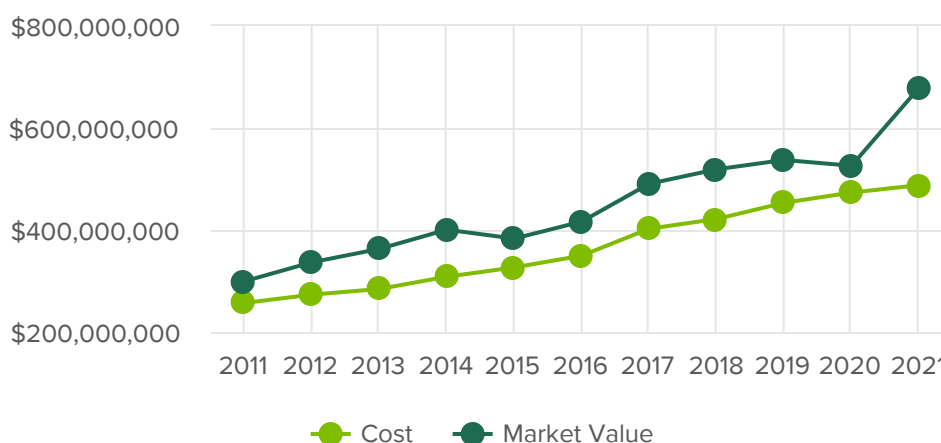
	<u>2021</u>	<u>2020</u>	<u>2019</u>
Endowment and Life income investments	\$ 711,622,472	\$ 539,974,716	\$ 537,457,828
Investment in Professional Liability Trust Fund	69,880,913	59,920,845	60,291,989
Other long-term investments	117,568,898	107,735,412	115,426,770
TOTAL ENDOWMENT, LIFE INCOME AND OTHER INVESTMENTS	<u>\$ 899,072,283</u>	<u>\$ 707,630,973</u>	<u>\$ 713,176,587</u>

UAB's endowment funds are invested in an investment pool established by the Board. UAB's endowment funds held within the investment pool consists of both permanent and quasi-endowments. Permanent endowment funds are those funds received from donors with the requirement that the principal remain unspent and invested in perpetuity to produce income to be expended for the purposes specified by the donor. Quasi-endowments consist of restricted or unrestricted funds that have been set aside by actions of the Board to produce income for an established purpose until the time the Board reverses its action. Endowment income supports scholarships, fellowships, professorships, research efforts, and other programs and activities of UAB.

UAB uses its endowment funds to support operations in a way that strikes a balance between generating a predictable stream of annual support for current needs and preserving the purchasing power of the endowment funds for future periods. UAB held 1,884, 1,790, and 1,705 individual endowment funds within the pool at September 30, 2021, 2020, and 2019, respectively, the majority of which are restricted for specific purposes. UAB's contributions to the endowment funds through donor gifts were \$22.7, \$20.0, and \$32.5 million for the years ended September 30, 2021, 2020, and 2019, respectively.

The Board-approved spending rule provides for distributions from the pool to UAB. The annual distribution rate is 4.5 percent and is based on a moving five-year average of the market (unit) value. This spending rule is one element of an ongoing financial management strategy that has allowed UAB to effectively weather the uncertainties of challenging economic environments. Endowment spending rate distributions totaled \$26.0, \$24.9, and \$23.5 million for the years ended September 30, 2021, 2020, and 2019, respectively.

**Endowment Cost and Market Value
Fiscal Years Ending September 30**



UAB's endowment and life income investments increased \$171.6 million to \$711.6 million from September 30, 2020 to September 30, 2021. This increase resulted from the establishment of new endowment funds through gifts and the creation of Board-designated quasi-endowments throughout the year, reinvesting of underwater endowment gains during a period of poor market performance at the start of the year, followed by growth in unrealized gains due to improved investment performance during the middle and later part of 2021. UAB's endowment and life income investments increased \$2.5 million to \$540.0 million from September 30, 2019 to September 30, 2020. This increase resulted from the establishment of new endowment funds through gifts and the creation of Board-designated quasi-endowments throughout the year, offset by weak investment performance.

University Hospital participates in The University of Alabama Professional Liability Trust Fund (the "PLTF"). The PLTF uses contributions from University Hospital and other contributing entities, together with the earnings thereon, to pay liabilities arising from performance of certain professional services by employees of these entities. University Hospital reports its share of the net position of the PLTF as a joint venture investment using the equity method in the accompanying statements of net position. At September 30, 2021, 2020, and 2019, University Hospital's investment in the PLTF totaled approximately \$69.9, \$59.9, and \$60.3 million, respectively.

At September 30, 2021, 2020, and 2019, UAB's other investments totaled \$117.6, \$107.7, and \$115.4 million, respectively. Other investment primarily consisted of investments held by UAB's blended component unit Triton Health Systems, L.L.C. ("Triton"), which totaled \$117.0, \$107.2, and \$114.9 million, respectively.

Capital and Debt Activities

An aspect of UAB's continued growth is an emphasis on the expansion and maintenance of capital assets. UAB continues to implement its long-range capital plan to modernize its existing infrastructure and strategically invest in new construction. Capital assets primarily include land, buildings, fixed equipment systems, and inventoried equipment.

Construction in progress additions totaled \$32.9 million and \$33.5 million at September 30, 2021 and 2020, respectively. Capital projects in process at September 30, 2021 include Altec/Styslinger Genomic Medicine & Data Sciences, Central Utilities, McCallum Building renovations, and Science and Engineering Building. Capital projects in process at September 30, 2020 include Central Utilities, McCallum Building renovations, Science and Engineering Building, Honors College, and Information and Technology Center.

Capital asset additions totaled \$165.9 million in 2021 as compared to \$242.0 million in 2020. Capital asset additions primarily represent renovation and new construction of academic, research, clinical and athletic facilities, as well as significant investments in equipment, including information technology. Current year capital asset additions were funded with debt proceeds designated for capital purchases of \$35.2 million and \$63.1 million, and capital funds, grants, gifts totaling \$5.3 million and \$1.9 million, in 2021 and 2020, respectively.

During fiscal year 2021, Standard & Poor's Ratings Services reaffirmed its AA rating on UAB's general revenue bonds and revised from stable to positive outlook. Long-term debt activity for the years ended September 30, 2021 and September 30, 2020 is summarized as follows:

2021

	<u>Beginning Balance</u>	<u>Additions</u>	<u>Repayments</u>	<u>Ending Balance</u>
Direct borrowing and direct placement	79,022,387	17,754,257	3,045,677	93,730,967
General receipt bonds	998,471,000	—	35,990,000	962,481,000
	<u>\$ 1,077,493,387</u>	<u>\$ 17,754,257</u>	<u>\$ 39,035,677</u>	<u>\$ 1,056,211,967</u>

2020

	<u>Beginning Balance</u>	<u>Additions</u>	<u>Repayments</u>	<u>Ending Balance</u>
Direct borrowing and direct placement	81,770,699	109,947	2,858,259	79,022,387
General receipt bonds	1,033,639,000	75,545,000	110,713,000	998,471,000
	<u>\$ 1,115,409,699</u>	<u>\$ 75,654,947</u>	<u>\$ 113,571,259</u>	<u>\$ 1,077,493,387</u>

UAB's long-term debt consists of capital leases, a note payable, and general revenue bonds. Long-term debt decreased \$21.3 million to \$1.06 billion from September 30, 2020 to September 30, 2021. Long-term debt decreased \$37.9 million to \$1.08 billion from September 30, 2019 to September 30, 2020. The decrease in debt is the result of principal payments made in accordance with the debt instruments.

During 2020, the University issued \$75.5 million of general revenue bonds with a net original issue premium of \$5.8 million. Total bond proceeds of \$81.4 million were utilized to refund existing bonds of \$26 million and \$2 million for debt issuance costs. The University deposited the funds received in an escrow trust for the purpose of making subsequent payment of principal and interest on the defeased indebtedness. Under the trust agreements, funds deposited in the trust accounts were invested in obligations of the U.S. Government. The University estimates that the amounts on deposit will be sufficient to satisfy the debt service requirements on the defeased indebtedness and that the defeasance will result in lower overall debt service payments. The University remains legally obligated for the repayment of the defeased indebtedness. Neither the assets of the trust accounts nor the defeased indebtedness are included in the accompanying statements of net position. The principal outstanding on defeased indebtedness at September 30, 2021 and 2020 is approximately \$0 and \$75.5 million, respectively.

Effective interest rates on the University general revenue bonds averaged 3.02% percent and 3.09% percent in 2021 and 2020, respectively. Interest expense on general revenue bonds totaled \$18.8 million and \$21.4 million in 2021 and 2020, respectively.

Obligations For Pension and Post-employment Benefits

GASB Statements No. 68 and 75 require governmental employers participating in multi-employer cost-sharing pension and healthcare benefit plans to recognize liabilities for their proportionate share of the unfunded liability for plans whose actuarial liabilities exceed the plan's net assets. As required by Alabama statute, all eligible employees of a qualifying public educational employer must be a member of the Teacher's Retirement System of Alabama ("TRS"). As a qualifying employer, UAB is required to make certain employer contributions on behalf of its employees participating in TRS's defined benefit pension plan (the "Plan"). Additionally, Alabama statutes permitted UAB to opt-in to provide its eligible retirees with healthcare benefits through the Public Education Employees' Health Insurance Plan ("PEEHIP").

The employer contribution rates for both plans are established annually by TRS and PEEHIP, and adopted by the Alabama Legislature. Both the TRS employer contribution rate and the employer's PEEHIP cost for retiree coverage are based upon the actuarial valuations performed by TRS and PEEHIP, respectively. Although the liabilities recognized under GASB 68 and 75 meet GASB's definition of a liability within GASB's framework for accounting standards, UAB does not believe that the associated recorded liabilities associated with the TRS and PEEHIP constitute legal liability for UAB, nor do they open UAB to other claims on its resources.

Using current actuarial assumptions, and presuming a continuation of the current level of benefits, UAB's obligations for pension benefits as prescribed by GASB 68 totaled \$1.41 billion at September 30, 2021, as compared to \$1.25 billion and \$1.17 billion at September 30, 2020 and 2019, respectively. The increase in the reported liability at September 30, 2021 was driven by an increase in UAB's proportionate share of a larger collective net pension liability compared to September 30, 2020. The increase in the reported liability at September 30, 2020 was driven primarily by a decrease in the discount rate and changes to mortality tables used to derive UAB's proportionate share of the plan's net pension liability.

Using current actuarial assumptions, and presuming a continuation of the current level of benefits, UAB's obligations for postemployment benefits as prescribed by GASB 75 totaled \$680.4 million at September 30, 2021, as compared to \$265.2 million and \$659.9 million at September 30, 2020 and 2019, respectively. The increase in the reported liability at September 30, 2021 was driven primarily by a decrease in the discount rate and an increase in UAB's proportionate share of the collective net OPEB liability. The decrease in the reported liability at September 30, 2020 was driven primarily by an increase in the discount rate, as well as adjustments made to the anticipated rates of participation, spouse coverage, and tobacco use to more closely reflect actual experience.

UAB also administers a single-employer plan which offers its members hospital benefits, major medical benefits, a prescription drug program and a basic term life insurance up to an established maximum policy limit. The health care benefits cover medical and hospitalization costs for retirees and their dependents. UAB retired employees make contributions to the plan by making premium payments associated with their selected health plan option. Eligible disabled retirees are responsible for only the employee portion of those premiums and UAB is responsible for the employer portion. All other UAB retirees are responsible for the full premium cost of the plan and in no case does the employer contribute to the plan.

Using current actuarial assumptions, and presuming a continuation of the current level of benefits, UAB's obligations for postemployment benefits totaled \$5.3 million at September 30, 2021, as compared to \$6.3 million and \$17.7 million at September 30, 2020 and 2019, respectively. The decrease in the reported liability at September 30, 2021 was driven primarily by differences between expected and actual experience and benefit payments. The decrease in the reported liability at September 30, 2020 was driven primarily by differences between expected and actual experience, changes in actuarial assumptions and benefit payments.

Net Position

Net position represents the residual interest in UAB's assets and deferred outflows after liabilities and deferred inflows are deducted. The UAB's net position increased \$832.1 million during fiscal year 2021, reaching \$3.12 billion. This increase reflects the UAB's current year operations including an increase in net patient revenue, nonoperating grants and contracts revenue and investment income. During fiscal year 2020 net position increased \$208.9 million, totaling \$2.29 billion, which reflects growth in net tuition and fees, net patient revenues, and an increase in State educational appropriations in that year. UAB's net position at September 30, 2021, 2020, and 2019, is summarized as follows:

	2021	2020	2019
NET INVESTMENT IN CAPITAL ASSETS	\$ 786,585,310	\$ 769,281,767	\$ 759,496,749
RESTRICTED			
Nonexpendable	390,793,182	405,615,948	401,733,396
Expendable	600,618,098	353,055,159	377,422,933
UNRESTRICTED	1,341,397,693	759,386,626	539,742,362
TOTAL NET POSITION	\$ 3,119,394,283	\$ 2,287,339,500	\$ 2,078,395,440

Net position invested in capital assets represent UAB's capital assets, net of accumulated depreciation and outstanding principal of debt in excess of related bond proceeds attributable to the acquisition, construction, or improvement of those assets. The \$17.3 million and \$9.8 million increase in 2021 and 2020 respectively, reflects the growth in capital assets net of annual depreciation expense, along with the decrease in total debt related to the annual principal payments.

Restricted nonexpendable net position includes UAB's permanent endowment funds, annuity and life income assets that will ultimately become pure endowment funds. The changes relates primarily to contributions made during the fiscal year.

Restricted expendable net position is subject to externally imposed restrictions governing its use. Restricted expendable net position includes UAB's assets whose use is restricted by an external restriction. The \$247.6 million increase in 2021 is the result of the investment growth in market value and an increase in new gifts during the year. The \$24.4 million decrease in 2020 is the result of fewer new gifts received during the year and market performance of investments.

Unrestricted net position includes UAB's assets whose use is not restricted by an external entity. Although unrestricted net position is not subject to externally imposed restrictions, UAB has designated available unrestricted net position to be used for academic and research programs as well as capital projects. Unrestricted net position increased by \$582.0 million in 2021, primarily due to an increase in net patient revenues. Unrestricted net position increased by \$219.6 million in 2020, primarily due to an increase in Federal and State appropriations as well as a decrease in operating expenses resulting from the suspension of non-essential spending to help alleviate the financial impact of the COVID-19 pandemic.

Statements of Revenues, Expenses, and Changes in Net Position

The statement of revenues, expenses, and changes in net position ("SRECNP") presents UAB's results of operations, as well as the nonoperating revenues and expenses. Primary components of UAB's operating revenue sources are tuition and fees, grants and contracts, and sales and services. Sales and services revenues is comprised of revenues from University Hospital operations (Hospital sales and services), revenues generated from both self-supporting departments (including intercollegiate Athletics, residence halls, food service operations) and Triton Health Systems, L.L.C., revenues a blended component unit (Auxiliary sales and services). Other significant revenue sources, which are considered nonoperating as defined by the GASB, include State educational appropriations, private gifts, and investment income.

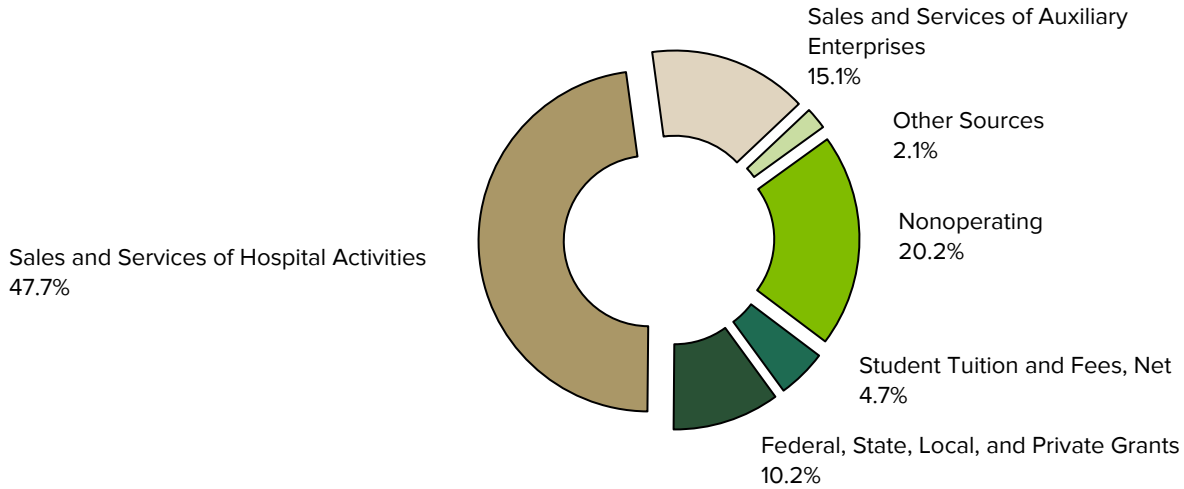
Operating expenses are those incurred in conjunction with the fulfillment of the UAB's mission and include salaries, wages and benefits; supplies and services; depreciation; and scholarships and fellowships. The SRECNP also includes other changes affecting its net position including capital gifts and grants, additions to permanent endowments, and intragovernmental transfers between the University, University Hospital, and UAB Athletics Foundation.

Annual state appropriations are classified as nonoperating revenues according to governmental accounting standards, even though the state-appropriated funds are used to support the operations of UAB. Without the nonoperating revenues, in particular the state appropriations and private gifts, UAB would not be able to cover its costs of operations. A summarized comparison of UAB's revenues, expenses and changes in net position for the years ended September 30, 2021, 2020, and 2019 is presented below:

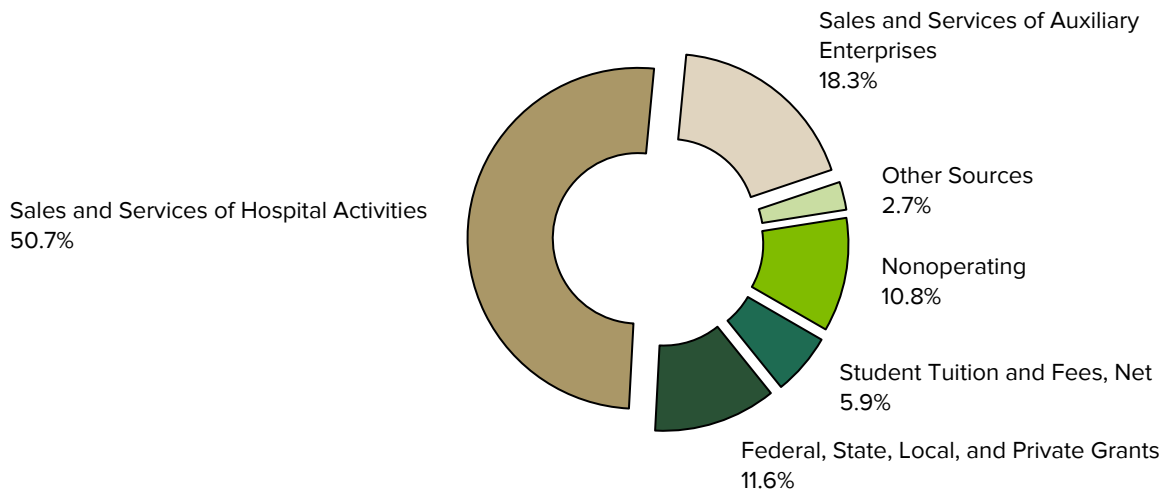
	<u>2021</u>	<u>2020</u>	<u>2019</u>
OPERATING REVENUES			
Student tuition and fees, net	\$ 243,476,387	\$ 244,929,737	\$ 239,912,344
Grants and contracts	526,727,011	483,921,582	494,047,342
Sales and services	3,322,823,875	2,931,632,967	2,791,635,652
Other revenues	40,280,076	51,986,550	76,788,474
TOTAL OPERATING REVENUES	4,133,307,349	3,712,470,836	3,602,383,812
OPERATING EXPENSES			
Operating expenses	4,349,258,810	3,953,876,475	3,772,700,839
OPERATING LOSS	(215,951,461)	(241,405,639)	(170,317,027)
NONOPERATING REVENUES (EXPENSES)			
Economic relief funds	412,719	71,281,070	—
State educational appropriations	314,953,056	306,964,712	287,691,735
Grants and contracts	105,093,454	57,856,589	35,451,482
Private gifts	61,112,310	18,705,016	48,327,432
Investment income	555,919,121	15,735,962	32,247,107
Interest expense	(35,280,621)	(40,126,392)	(29,755,042)
Net other nonoperating revenue	7,377,048	322,621	419,384
NET NONOPERATING REVENUES	1,009,587,087	430,739,578	374,382,098
OTHER CHANGES IN NET POSITION	38,419,157	19,610,121	28,893,885
INCREASE IN NET POSITION	832,054,783	208,944,060	232,958,956
Net Position, beginning of year	2,287,339,500	2,078,395,440	1,845,436,484
NET POSITION, END OF YEAR	<u>\$ 3,119,394,283</u>	<u>\$ 2,287,339,500</u>	<u>\$ 2,078,395,440</u>

The following are graphic illustrations of revenues by source, both operating and nonoperating, which are used to fund UAB's operating activities for the years ended September 30, 2021 and September 30, 2020, respectively. Certain recurring sources of the University's revenues are considered nonoperating, as defined by Governmental Accounting Standards Board ("GASB"), such as state appropriations, distributions from investments, private gifts and federal Pell grants.

Revenue Streams 2021



Revenue Streams 2020



Student Tuition and Fees, Net

Tuition and fees funding make up a large portion of the University's academic programs. Factors that impact gross tuition revenue include enrollment growth and changes in rates. Enrollment for the fall semester of the 2020-2021 school year is outlined in the following table.

	Fall 2020			TOTAL
	UNDERGRADUATE	GRADUATE	FIRST PROFESSIONAL/ ADVANCED PROFESSIONAL *	
SCHOOL OF ARTS AND SCIENCES	6,672	661	260	7,593
SCHOOL OF BUSINESS	2,621	795	—	3,416
SCHOOL OF EDUCATION	1,129	623	106	1,858
SCHOOL OF ENGINEERING	890	458	105	1,453
UNCLASSIFIED	—	148	3	151
SUBTOTAL	11,312	2,685	474	14,471
ACADEMIC HEALTH CENTER:				
SCHOOL OF MEDICINE	—	—	1,915	1,915
SCHOOL OF DENTISTRY	23	—	380	403
SCHOOL OF OPTOMETRY	—	—	232	232
SCHOOL OF NURSING	1,036	1,396	538	2,970
SCHOOL OF HEALTH PROFESSIONS	1,156	1,064	373	2,593
SCHOOL OF PUBLIC HEALTH	351	491	99	941
JOINT HEALTH SCIENCES	—	87	417	504
SUBTOTAL, ACADEMIC HEALTH CENTER	2,566	3,038	3,954	9,558
TOTAL ENROLLMENT	13,878	5,723	4,428	24,029

* Includes 1,146 first professionals and 1,466 advanced professionals.

In fall 2020 UAB continued its record enrollment trend with 22,563 students, of which 2,154 students were first-time freshman. Underrepresented students make up 43 percent of the enrollment and 47 percent of first-time freshman. Full-time students make up 66 percent of the enrolled students. For the years ended September 30, 2021, 2020, and 2019, net student tuition and fees revenue consisted of the following components:

	2021	2020	2019
Student tuition and fees, gross	\$ 335,202,452	\$ 330,385,766	\$ 320,141,055
Less: scholarship allowances	(91,726,065)	(85,456,029)	(80,228,711)
STUDENT TUITION AND FEES, NET	\$ 243,476,387	\$ 244,929,737	\$ 239,912,344

Tuition rates are reviewed annually by the University and presented to the Board for approval. Based upon the University's annual review of tuition the Board approved the management recommendation to hold all undergraduate/graduate rates for both resident and non-resident students consistent with the prior year for the 2020-2021 academic year. However, rate increases for First Professional programs were proposed and received Board approval in April 2020 as follows: School of Medicine, 2.5% residents only (no increase for non-residents); School of Dentistry, 3.2% for residents and 3.8% for non-residents; and School of Optometry, 2% for residents only (no increase for non-residents). Fall 2020 in-state enrollment increased by 1.4% to 17,034 students and out-of-state enrollment increased by 4.7% to 5,529 students. The rate increases and enrollment growth contributed to the increase in gross tuition revenue of \$4.8 million. The increase in gross tuition and fees was offset by an increase of 7.3% or \$6.3 million in scholarship allowances. Net tuition and fees revenue decreased \$1.5 million, to \$243.5 million in 2021.

The 2019-2020 academic year rates were approved at the June 2019 board meeting, undergraduate and graduate out-of-state rates saw an increase of 3.5%. First professional schools received rate approvals as follows: School of Medicine, 2% residents only (no increase for non-residents), School of Dentistry, 3% for residents and non-residents and School of Optometry, 1.5% for residents only (no increase for non-residents). Fall 2019 in-state enrollment decreased by 0.5% to 16,797 students and out-of-state enrollment increased by 4.7% to 5,283 students. The rate increases and enrollment growth contributed to the increase in gross tuition revenue of \$10.2 million. The increase in gross tuition and

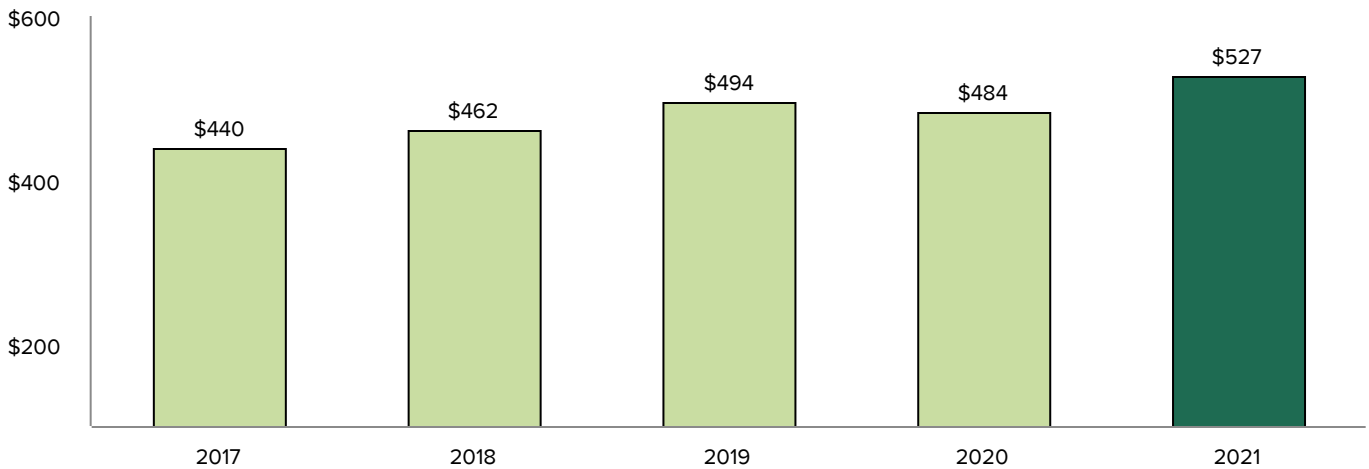
fees was offset by an increase of 6.5% or \$5.2 million in scholarship allowances. Net tuition and fees revenue increase \$5.0 million, to \$244.9 million in 2020.

Grants and contracts revenue

The University receives revenues for sponsored programs from various government agencies and private sources, which normally provide for both direct and indirect costs to perform these sponsored projects, with a significant portion related to federal research.

During fiscal year 2021, UAB recognized \$631.8 million in sponsored grants and contracts revenues. Various federal agencies provided support for these projects, with the National Institutes of Health ("NIH") being the primary sponsor. Non-federal funding sources include state agencies, local governmental agencies, and a wide variety of private sponsors. Operating revenues from grants and contracts increased \$42.8 million in 2021, as compared to an decrease of 2.0%, or \$10.1 million, to \$483.9 million in 2020. The increase in 2021 was driven primarily by an increase in federally sponsored activity. The decrease in 2020 was primarily impacted by the temporary suspension of nonessential laboratory research in response to the COVID-19 pandemic.

**Operating Grants and Contract Revenue
(in millions)**



Figures B and B1 below are illustrations of the breakout of the funding sources for grant and contract revenue for the years ended September 30, 2021 and 2020, respectively. These funds are used to further the mission of UAB: research, education, and public service.

Figure B: Grants and Contract Revenues 2021

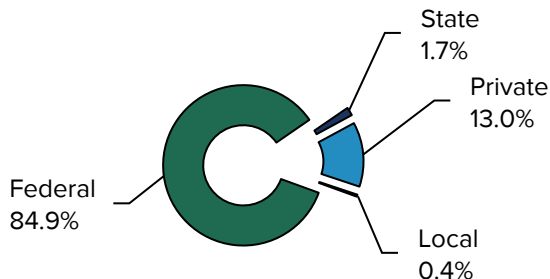
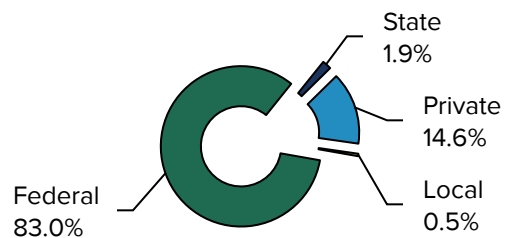


Figure B1: Grants and Contract Revenues 2020



Sales and services revenue of hospital activities

University Hospital is a fund of UAB and a member of the UAB Health System. For the fiscal year 2021, inpatient discharges increased 8.8% and adjusted patient discharges increased 9.9%. Operating room cases increased 9.1% over fiscal year 2020. Also emergency room visits increased 8.3% during fiscal year 2021. University Hospital had an increase in net position of \$365.3 million in fiscal year 2021. For the fiscal year 2020, inpatient discharges decreased 3.8% and adjusted patient discharges decreased 6.6%. Operating room cases decreased 7.2% over fiscal year 2019. Also emergency room visits decreased 5.0% during fiscal year 2020. The Hospital had an increase in net position of \$137.6 million in fiscal year 2020. Selected University Hospital operating statistics are outlined below:

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Beds in service	1,172	1,126	1,128
Patient discharges	55,005	50,579	52,602
Adjusted patient discharges	90,594	82,418	88,273
Patient days	409,203	363,854	378,744
Adjusted patient days	673,966	592,899	635,578
Operating room cases	37,973	34,811	37,529
Emergency department visits	128,718	118,839	125,065
Patient origin:			
Jefferson County	48.2%	47.2%	46.6%
Other Alabama counties	46.5%	47.2%	47.3%
Out of state	5.3%	5.6%	6.1%

For the years ended September 30, 2021, 2020, and 2019, University Hospital revenues by source is summarized as follows:

	<u>2021</u>	<u>2020</u>	<u>2019</u>
Net patient service revenue	\$ 2,198,201,564	\$ 1,866,934,345	\$ 1,785,283,429
Other operating revenue	274,428,638	242,909,060	223,049,942
TOTAL UNIVERSITY HOSPITAL OPERATING REVENUE	<u>\$ 2,472,630,202</u>	<u>\$ 2,109,843,405</u>	<u>\$ 2,008,333,371</u>

Patient service revenue, net of allowances for contractual discounts, charity care and bad debt expense, was \$2.2 billion, an increase of \$331.3 million, or 18%, over fiscal year 2020. The increase was related to increased volume and contract improvements. The increase from 2019 to 2020 was \$81.7 million, or 4.6%. Contributing factors to this included increased reimbursement related to higher patient acuity and contract improvements.

Other operating revenues primarily consists of pharmacy related sales. The increase in other operating revenues from September 30, 2021 to 2020 was \$31.5 million or 13% compared to \$19.9 million in 2019 or an 8.9% increase. Both 2021 and 2020 had increases related to increases in volumes associated with retail pharmacy.

Sales and services revenue of auxiliary enterprises

Auxiliary enterprise revenue primarily includes revenue from UAB's blended component unit, Triton Health Systems, L.L.C. Refer to Note 2 for additional information on blended component units. Net auxiliary sales and service revenue totaled \$782.4, \$762.4, and \$715.7 million, an increase of 2.6% and 6.5% from 2020 to 2021 and 2019 to 2020, respectively. These increases resulted from Triton's premium revenue growth.

Other sources

Other sources consist of sales and service educational activities and other operating revenues. Net educational sales and service revenue totaled \$67.7, \$59.4, and \$67.6 million, an increase of 14.0% from 2020 to 2021 and a decrease of 12.2% from 2019 to 2020, respectively. The current year increase is due to miscellaneous external service revenue activity. Other operating revenue totaled \$40.3, \$52.0, and \$76.8 million, a decrease of 22.5% from 2020 to 2021 and a decrease of 32.3% from 2019 to 2020, respectively. The current year decrease is due to a decline in UAB Heersink School of Medicine Academic Enrichment Fund activity revenues.

Nonoperating revenues

Due to the required classification of key revenue sources such as State educational appropriations, financial aid grants, and private gifts as nonoperating revenues, UAB's operating expenses will typically exceed operating revenues, resulting in an operating loss. These nonoperating revenues are essential in offsetting the operating loss. For the years ended September 30, 2021, 2020, and 2019, UAB's nonoperating revenue is summarized as follows:

	2021	2020	2019
Economic relief funds	\$ 412,719	\$ 71,281,070	\$ —
State educational appropriation	314,953,056	306,964,712	287,691,735
Grants and contracts	105,093,454	57,856,589	35,451,482
Gifts	61,112,310	18,705,016	48,327,432
Investment income	555,919,121	15,735,962	32,247,107
Capital gifts and grants	1,645,260	1,854,223	789,319
Endowment gifts	33,163,130	17,755,898	28,104,566
TOTAL UAB NONOPERATING REVENUES	\$ 1,072,299,050	\$ 490,153,470	\$ 432,611,641

In response to the impact of COVID-19, the federal government implemented the Coronavirus Aid, Relief and Economic Security ("CARES") Act. The CARES Act was signed into law in March 2020 in order to provide economic assistance for organizations and individuals that have been negatively impacted by the COVID-19 pandemic. During 2020, University Hospital received CARES Act payments primarily from the Provider Relief Fund. The Provider Relief Fund is administered through the U.S. Department of Health and Human Services and offers funding to hospitals and health care providers to offset expenses incurred or revenues lost associated due to the COVID-19 pandemic. Economic Relief Funds received and recognized by University Hospital totaled \$240 thousand and \$67.3 million in federal CARES Act provider relief funding and \$172 thousand and \$3.2 million State CARES Act funding through September 30, 2021 and 2020, respectively.

State Appropriations for UAB are made by the Alabama State Legislature based upon a process which involves requests from the Board of Trustees of The University of Alabama, and budget recommendations by the Alabama Commission on Higher Education and the Governor. State funds are appropriated annually from the Educational Trust Fund ("ETF") to UAB. In 2021, State educational appropriations from the ETF increased \$8.2 million from the prior year, reaching a total of \$305.9 million. In 2020, State educational appropriations from the ETF increased \$24.2 million over 2019 for a total received of \$297.7 million. State educational appropriations also include supplemental appropriations received from the Mental Health Trust Fund and Advancement and Technology Fund which totaled \$9.1 million and \$9.3 million in fiscal years 2021 and 2020, respectively. UAB also received Public School and College Authority funds and other state capital funds in 2021 totaling \$3.6 million.

Nonoperating grants historically consist primarily of Federal Pell grant awards. This program provides financial assistance grants to qualifying undergraduate students to promote access to postsecondary education. During fiscal years 2021 and 2020, the University received COVID-19 emergency grant funding, primarily through Higher Education Emergency Relief Funds ("HEERF") I, II, and III, and the Coronavirus Relief Fund ("CRF"). Total HEERF funds of \$57.5 million and \$12.7 million were received in fiscal years 2021 and 2020, respectively, to be distributed as emergency financial aid grants directly to students, as well as to provide funding for areas of the University negatively impacted by the COVID-19 pandemic. CRF funds of \$0 million and \$49.6 million were received during fiscal years 2021 and 2020, respectively, to offset necessary expenses incurred due to the public health emergency with respect to COVID-19. These amounts were recorded in nonoperating grants revenue. As a result, nonoperating grant revenue increased to \$105.1 million from \$57.9 million in 2021, and to \$57.9 million from \$35.5 million in 2020. Further information on COVID-19 emergency grant funding can be found in note 1.

The University Hospital recognized \$3.2 million as nonoperating revenue from CARES funds allocated from the State of Alabama in 2020 and recognized an additional \$172 thousand as nonoperating revenue in 2021. Alabama State Cares funds were required to be expended by December 30, 2020 and used to cover expenses necessary to prevent, prepare for, and respond to COVID-19.

In addition, University Hospital received \$180.2 million during 2020 in advance payments from the Centers for Medicare and Medicaid Services (CMS) Accelerated and Advance Payments Program reported as due to third party payors and advances payable, net on the Statements of Net Position. The Medicare advance payment amount was classified as a current liability in 2020 based on guidance that existed as of September 30, 2020; however, guidance issued subsequent to September 30, 2020 provided for the advance payments to be repaid over a period extending beyond twelve months after the September 30, 2020 balance sheet date. Based on current guidance, however, the

remaining Medicare advance payments are required to be paid by September 30, 2022 and are recorded as a current liability as of September 30, 2021. As of September 30, 2021, \$131.4 million remains outstanding to CMS and is recorded in due to third party payors and advances payable related to the Medicare advance payments on the Statements of Net Position.

Gift revenue consists of gifts, pledges, endowment gifts and capital gifts. UAB's gift revenue totaled \$95.9 million at September 30, 2021, which was a increase of \$57.6 million from the prior year. The change in gift revenue is primarily due to the generous Heersink pledge made to the UAB School of Medicine in 2021. In 2020 UAB gift revenues decreased \$38.9 million to \$38.3 million, primarily due to a decline in new pledges and endowment gifts during 2020.

Both investment and endowment income are combined as investment income on the SRECNP. Net investment income increased \$540.2 million from 2020 to 2021 and decreased \$16.5 million from 2019 to 2020. The increase in 2021 was the result of a much improved performance of the investments held in the UA Investment Pools, which strengthened the fair value of the investments at September 30, 2021. The decrease in 2020 was largely the result of poor performance of the investments held in the UA Investment Pools, which eroded the fair value of investments at September 30, 2020.

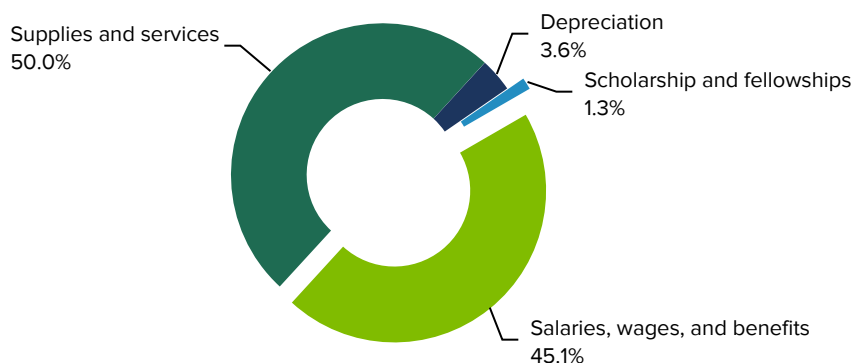
Operating Expenses

A comparative summary of UAB's operating expenses by natural classification for the years ended September 30, 2021, 2020, and 2019, is as follows:

	2021	2020	2019
Salaries, wages, and benefits	\$ 1,963,628,897	\$ 1,766,044,825	\$ 1,749,060,938
Supplies and services	2,174,043,204	2,001,552,207	1,846,254,490
Depreciation	156,533,614	150,994,130	148,344,143
Scholarships and fellowships	55,053,095	35,285,313	29,041,268
TOTAL OPERATING EXPENSES	\$ 4,349,258,810	\$ 3,953,876,475	\$ 3,772,700,839

Graphic illustrations of UAB's operating expenses by natural classification for the year ended September 30, 2021 is presented as below:

2021 Operating Expenses by Natural Classification



UAB is one of the largest employers in the state with a total workforce of 23,609, 23,791, and 22,704 in 2021, 2020, and 2019, respectively. The workforce consisted of 17,674 full-time and 5,935 part-time employees, of which underrepresented employees making up approximately 40% in 2021. UAB employed 2,572 faculty of which 905 or 35% were tenured in 2021. UAB's salaries, wages, and benefits totaled \$1.96, 1.77 billion, \$1.75 billion and makes up 45.1%, 44.7%, and 46.4% of total operating expenses in 2021, 2020, and 2019, respectively. Salaries, wages, and benefits increased \$197.6 million or 11.2% to \$1.96 billion during 2021. Salaries, wages, and benefits increased \$17.0 million or 1.0% to \$1.77 billion and \$74.1 million or 4.4% to \$1.75 billion during 2020 and 2019, respectively. The increases in both years are primarily due to the growth of UAB's salary base and rising benefit costs related to growth in salary base.

Supplies and services totaled \$2.17, \$2.00, and \$1.85 billion and makes up the largest portion of total operating expenses at 50.0%, 50.6%, and 48.9% in 2021, 2020, and 2019, respectively. During 2021, Supplies and services increased \$172.5 million to \$2.17 billion due to increases in patient volume and inflationary increases in supplies and service costs and an 6% increase in Triton's medical and hospital expenses per member. Supplies and services increased \$155.3 million or 8.4% to \$2.00 billion during 2020. This increase is due to costs incurred to prevent, prepare for, and respond to the COVID-19 pandemic and inflationary increases in supplies and service costs. Supplies and services increased \$111.8 million or 6.4% to \$1.85 billion during 2019. This increase was primarily driven by increases in patient volume and inflationary increases in supplies and service costs.

Depreciation expense increased 3.7%, or \$5.5 million to \$156.5 million in 2021, as compared to an increase of 1.8%, or \$2.6 million, to \$151.0 million in 2020. This increase is due to the 3% or \$135.1 million growth in total assets in 2021. Capital assets placed in service during 2021 include the addition of an Magnetic Resonance Imaging ("MRI") on the 5th floor of the UAB Women and Infant Center and the Information and Technology Center. Depreciation expense increased, 1.8% or \$2.6 million, to \$151.0 million in 2020, as compared to an increase, of 1.1% or \$1.7 million, to \$148.3 million in 2019. This increase is due to the 5% or \$184.3 million growth in total assets in 2020. Capital assets placed in service during 2020 include the Green Hall (a new residence hall).

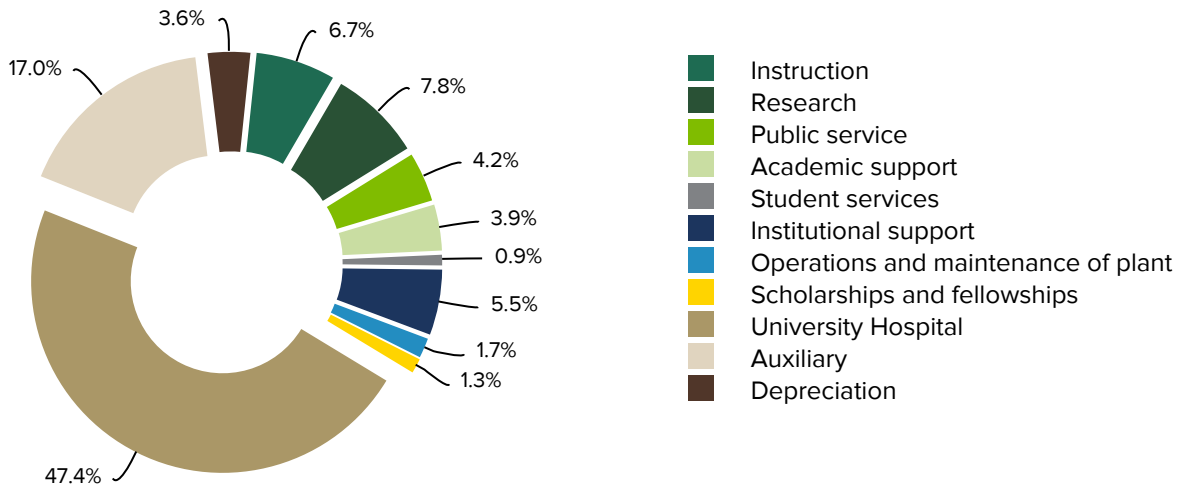
Scholarships and fellowships expense is reported net of scholarship allowances. The net expenses of \$55.1, \$35.3, and \$29.0 million for fiscal years 2021, 2020, and 2019, respectively, represent payments made directly to students after awards have been applied against tuition and fees and auxiliary housing charged to student accounts. Gross scholarship expenses, including allowances, totaled \$146.8, \$120.7, and \$109.3 million for the years ended September 30, 2021, 2020, and 2019, respectively. As mentioned previously, during fiscal year 2020 the University received CARES Act - HEERF funding to assist students negatively impacted by the COVID-19 pandemic. Student aid of \$6.1 million and \$6.1 million is included in scholarships and fellowships expense at September 30, 2021 and 2020, respectively.

In addition to natural classifications, operating expenses are reported by functional classifications as defined by the National Association of College and University Business Officers ("NACUBO"). It is informative to review operating expenses by functional classification. The functional classification of an operating expense (Instruction, Research, etc.) is assigned to a department based on the nature of the activity, which represents the material portion of the activity attributable to the department. This method reflects amounts expended in areas such as instruction, research, and operations and maintenance and is used most commonly for comparative reporting purposes among colleges and universities. The University's expenses by functional classification for the years ended September 30, 2021, 2020, and 2019, are summarized as follows:

	2021	2020	2019
Instruction	\$ 293,021,318	\$ 283,997,293	\$ 287,227,119
Research	338,353,105	294,178,648	303,143,578
Public service	182,472,393	167,182,949	164,457,460
Academic support	169,903,914	172,297,940	180,576,986
Student services	39,587,573	38,807,497	42,454,858
Institutional support	240,585,350	218,209,882	156,689,652
Operations and maintenance of plant	73,252,765	68,708,171	70,747,504
Scholarships and fellowships	55,053,095	35,285,313	29,041,268
University Hospital	2,060,650,890	1,800,120,115	1,713,060,350
Auxiliary	739,844,793	724,094,537	676,957,921
Depreciation	156,533,614	150,994,130	148,344,143
TOTAL OPERATING EXPENSES	<u>\$ 4,349,258,810</u>	<u>\$ 3,953,876,475</u>	<u>\$ 3,772,700,839</u>

Graphic illustrations of UAB's operating expenses by functional classification for the year ending September 30, 2021 is presented as follows:

2021 Operating Expenses by Functional Classification



The instruction category includes expenses for all activities that are part of an UAB's instruction programs. Instruction expenses increased \$9.0 million in 2021, and decreased \$3.2 million in 2020. The research category includes all expenses for activities specifically organized to produce research, whether commissioned by an agency external to UAB or separately budgeted by an organizational unit within UAB. Research expenses increased \$44.2 million in 2021, and decreased \$9.0 million in 2020. The institutional support category includes expenses for central, executive-level activities concerned with management of UAB. Institutional expenses increased \$22.4 million in 2021, and increased \$61.5 million in 2020. University Hospital expenses increased 14.5%, or \$260.5 million, in 2021, and increased 5.1%, or \$87.1 million, in 2020, and reflect the impact of additional patient activity and capacity expansion. Increased compensation expense related to patient care includes both growth in staff levels and wage increases. Increased medical supplies expense results from higher patient activity levels and the rising cost of pharmaceuticals. During 2020, the increase in medical supplies expense also included the additional cost of personal protective equipment acquired in response to the COVID-19 pandemic. An auxiliary enterprise exists to furnish goods or services to students, faculty, staff, other institutional departments, or incidentally to the general public, and charges a fee directly related to, although not necessarily equal to, the cost of the goods or services. The auxiliary enterprise category includes all expenses relating to the operation of auxiliary enterprises, and increased 2.2% or \$15.8 million in 2021, and increased 7.0% or \$47.1 million in 2020.

Economic Factors That Will Affect The Future

As a labor-intensive organization, UAB faces competitive pressures related to attracting and retaining faculty and staff.

The State of Alabama appropriates money each year to UAB for operating costs and nonoperating cash requirements, including capital expenditures. Because the State is mandated by its Constitution to operate with a balanced budget, the State occasionally has reduced its appropriations, through a process known as “proration,” when its annual revenues are not expected to meet budgeted appropriations. As the State could potentially implement proration in future years, UAB continues to implement cost-saving measures in order to minimize the impact of any future proration.

Private gifts are an important part of the fundamental support of UAB. Economic pressures affecting donors may also affect the future level of support UAB receives from corporate and individual giving. In 2021 the University received the single largest philanthropic commitment in university history from longtime UAB supporter Marnix E. Heersink, M.D. As a result, the school of medicine will now be known as the UAB Marnix E. Heersink School of Medicine. In addition, UAB will establish the Marnix E. Heersink Institute of Biomedical Innovation and the Mary Heersink Institute for Global Health. The gift and related matching gifts will provide support with both endowed and outright funds for key initiatives of the UAB Marnix E. Heersink School of Medicine.

During fiscal year 2021, 66.0% of UAB students received financial aid, including \$193.5 million of Federal Financial Aid. In recent years, financial aid reform and reauthorization of existing aid programs have been topics in legislative sessions. Management is monitoring proposed future legislation in order to respond in a manner to assist current and future students.

The University Hospital faces significant challenges in a dynamic healthcare sector and volatile economic environment. The demand for health care services and the cost of providing them are increasing significantly while the revenues to support these services are diminishing. In addition to cost increases such as rising salary and benefit costs, the University Hospital also faces additional costs associated with new technologies, the education and training of health care professionals and provision of care for a disproportionate share of the medically underserved in Alabama. In recent years, federal legislation has been enacted to slow future rate increases in Medicare and Medicaid and reduce medical education and disproportionate share funding. Management is committed to staying abreast of pertinent issues; implementing appropriate management actions and continuing to provide quality care for all patients.

In January 2020, the World Health Organization declared the novel Coronavirus (“COVID-19”) a Public Health Emergency of International Concern. The outbreak of COVID-19 has caused domestic and global disruption in operations for institutions of higher education and healthcare organizations and has impacted several areas of UAB and the University Hospital's financial statements as further discussed within Note 1.

These financial statements are prepared to provide a general overview of the University of Alabama at Birmingham and to demonstrate UAB's accountability. Questions concerning any information provided in this report or requests for additional information should be addressed to Office of the Senior Vice President for Finance and Administration, The University of Alabama at Birmingham, AB 1030, 1720 2ND AVE S, BIRMINGHAM AL 35294-0106.

The University of Alabama at Birmingham
Statements of Net Position
September 30, 2021 and 2020

	2021	2020
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 473,086,415	\$ 641,920,794
Short term investments	1,626,016,694	1,196,891,055
Accounts receivable, net	608,413,710	530,828,890
Loans receivable, current portion	1,824,938	1,994,471
Pledges receivable, current portion	8,610,396	10,732,083
Inventories	41,477,751	35,827,726
Prepaid expenses and unearned scholarships	81,226,121	71,948,834
Other current assets	13,569,435	12,001,066
Total current assets	2,854,225,459	2,502,144,919
Noncurrent Assets:		
Cash designated for capital activities	35,225,414	63,098,686
Restricted cash and cash equivalents	12,304,675	269,648
Investments for capital activities	1,079,385,621	797,791,901
Endowment and life income investments	711,622,472	539,974,716
Investment in Professional Liability Trust Fund	69,880,913	59,920,845
Other long-term investments	117,568,898	107,735,412
Loans receivable, net	8,555,102	8,347,250
Pledges receivable	34,104,960	29,408,901
Due from affiliates	52,206,128	34,552,128
Capital assets, net	1,788,161,516	1,784,230,411
Other noncurrent assets	125,061	4,075,296
Total noncurrent assets	3,909,140,760	3,429,405,194
Total Assets	6,763,366,219	5,931,550,113
DEFERRED OUTFLOWS OF RESOURCES		
Bond deferred refundings	12,081,090	13,336,713
Pension and OPEB related obligations	850,533,926	305,494,017
Total Deferred Outflows of Resources	862,615,016	318,830,730
Total Assets and Deferred Outflows of Resources	\$ 7,625,981,235	\$ 6,250,380,843

See accompanying notes to financial statements.

The University of Alabama at Birmingham
Statements of Net Position (continued)
September 30, 2021 and 2020

	2021	2020
LIABILITIES		
Current Liabilities:		
Accounts payable and accrued liabilities	\$ 565,985,667	\$ 596,371,343
Deposits	17,439,588	15,078,378
Unearned revenue-grants	57,039,007	50,928,154
Unearned revenue-other	107,134,621	99,077,929
Long-term debt, current portion	37,443,982	38,749,671
Total current liabilities	785,042,866	800,205,475
Noncurrent Liabilities:		
Federal advances-loan funds	6,780,063	8,483,518
Long-term debt, noncurrent portion	1,063,644,857	1,087,186,699
Pension liability	1,413,306,000	1,245,083,000
OPEB liability	685,712,303	271,431,941
Other noncurrent liabilities	26,655,309	28,713,594
Total noncurrent liabilities	3,196,098,532	2,640,898,752
Total Liabilities	3,981,141,397	3,441,104,227
DEFERRED INFLOWS OF RESOURCES		
Pension and OPEB related obligations	525,445,555	521,937,116
Total Deferred Inflows Of Resources	525,445,555	521,937,116
NET POSITION		
Net investment in capital assets	786,585,310	769,281,767
Restricted		
Nonexpendable	390,793,182	405,615,948
Expendable	600,618,098	353,055,159
Unrestricted	1,341,397,693	759,386,626
Total Net Position	3,119,394,283	2,287,339,500
Total Liabilities, Deferred Inflows and Net Position	\$ 7,625,981,235	\$ 6,250,380,843

See accompanying notes to financial statements.

The University of Alabama at Birmingham
Statements of Revenues, Expenses, and Changes in Net Position
Years Ended September 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Operating Revenues		
Tuition and fees	\$ 335,202,452	\$ 330,385,766
Less: scholarship allowance	(91,726,065)	(85,456,029)
Tuition and fees, net	243,476,387	244,929,737
Grants and contracts:		
Federal	431,152,917	392,328,131
State	10,601,841	9,637,192
Local	2,733,401	2,743,274
Private	82,238,852	79,212,985
Sales and services:		
Educational activities	67,666,602	59,351,275
University Hospital, net of bad debt expense of \$248.6 million in 2021 and \$187.9 million in 2020	2,472,801,416	2,109,833,577
Other auxiliary enterprises, net of scholarship allowance of \$1.8 million in 2021 and \$2.4 million in 2020	782,355,857	762,448,115
Other operating revenues	40,280,076	51,986,550
Total operating revenues	4,133,307,349	3,712,470,836
Operating Expenses		
Salaries, wages and benefits	1,963,628,897	1,766,044,825
Supplies and services	2,174,043,204	2,001,552,207
Depreciation	156,533,614	150,994,130
Scholarships and fellowships	55,053,095	35,285,313
Total operating expenses	4,349,258,810	3,953,876,475
Operating loss	(215,951,461)	(241,405,639)
Nonoperating Revenues (Expenses)		
Economic Relief Funds	412,719	71,281,070
State educational appropriations	314,953,056	306,964,712
Grants and contracts	105,093,454	57,856,589
Gifts	61,112,310	18,705,016
Investment income	555,919,121	15,735,962
Interest expense	(35,280,621)	(40,126,392)
Loss on asset dispositions, net	(1,907,293)	(567,152)
Other nonoperating income, net	9,284,341	889,773
Net nonoperating revenues	1,009,587,087	430,739,578
Income before other changes in net position	793,635,626	189,333,939
Other Changes in Net Position		
State capital gifts	3,610,767	—
Capital gifts and grants	1,645,260	1,854,223
Endowment gifts	33,163,130	17,755,898
Total other changes in net position	38,419,157	19,610,121
Increase in net position	832,054,783	208,944,060
Net Position, beginning of year	2,287,339,500	2,078,395,440
Net Position, end of year	\$ 3,119,394,283	\$ 2,287,339,500

See accompanying notes to financial statements.

The University of Alabama at Birmingham
Statements of Cash Flows
Years Ended September 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Cash flows from operating activities		
Student tuition and fees	\$ 249,506,292	\$ 246,333,703
Grants and contracts:		
Federal	422,804,721	398,734,987
State	10,194,733	12,733,355
Local	4,307,528	1,981,861
Private	81,575,192	82,655,623
Receipts from sales and services of:		
Educational activities	66,724,028	59,175,998
Patient services	2,361,333,048	2,058,613,804
Auxiliary enterprises, net	46,375,753	35,084,704
Premium and administrative fees collected	750,236,493	716,906,063
Payment to employees and related benefits	(1,364,877,617)	(1,311,156,619)
Payment for contract labor	(536,408,405)	(448,114,236)
Payment to suppliers	(2,215,523,953)	(1,835,715,862)
Payment for scholarships and fellowships	(55,053,096)	(35,285,313)
Other receipts	33,671,715	50,574,552
Net cash (used in) provided by operating activities	<u>(145,133,568)</u>	<u>32,522,620</u>
Cash flows from noncapital financing activities		
Economic relief funds	3,368,856	67,325,616
State educational appropriations	314,953,056	306,964,712
Private gifts	89,185,963	59,428,944
Student direct lending receipts	163,479,335	167,856,685
Student direct lending disbursements	(163,230,477)	(166,625,040)
Other deposits	141,166,406	60,226,262
Deposits from affiliates	(2,736,808)	(5,468,313)
Net cash provided by noncapital financing activities	<u>546,186,331</u>	<u>489,708,866</u>
Cash flows from investing activities		
Interest and dividends from investments, net	62,043,622	96,970,912
Proceeds from notes receivable	137,233	85,697
Proceeds from sales and maturities of investments	10,279,096	8,342,944
Purchases of investments	(418,466,261)	(167,556,803)
Net cash used in investing activities	<u>(346,006,310)</u>	<u>(62,157,250)</u>
Cash flows from capital and related financing activities		
Proceeds from issuance of capital debt	758,968	11,037,858
State capital appropriations	3,610,767	—
Capital gifts, grants and contracts	4,433,541	2,591,924
Proceeds from sale of capital assets	4,985,095	380,128
Purchases of capital assets	(176,474,734)	(220,801,455)
Principal payments on capital debt	(38,935,420)	(35,296,312)
Interest payments on capital debt	(38,097,294)	(35,155,526)
Net cash used in capital and related financing activities	<u>(239,719,077)</u>	<u>(277,243,383)</u>
Net (decrease) increase in cash and cash equivalents	<u>(184,672,624)</u>	<u>182,830,853</u>
Cash and cash equivalents, beginning of year	<u>705,289,128</u>	<u>522,458,275</u>
Cash and cash equivalents, end of year	<u>\$ 520,616,504</u>	<u>\$ 705,289,128</u>

See accompanying notes to financial statements.

The University of Alabama at Birmingham
Statements of Cash Flows (continued)
Years Ended September 30, 2021 and 2020

	<u>2021</u>	<u>2020</u>
Reconciliation of cash and cash equivalents to the statements of net position		
Cash and cash equivalents	\$ 473,086,415	\$ 641,920,794
Cash designated for capital activities	35,225,414	63,098,686
Restricted cash and cash equivalents	12,304,675	269,648
Total cash and cash equivalents	<u>520,616,504</u>	<u>\$ 705,289,128</u>
Reconciliation of operating loss to net cash (used in) provided by operating activities		
Operating loss	\$ (215,984,292)	\$ (241,405,639)
Adjustments to reconcile operating loss to net cash (used in) provided by operating activities		
Depreciation expense	156,533,614	150,994,130
Pension expense	132,530,000	112,188,000
OPEB expense (benefit)	24,990,489	(25,185,389)
Changes in assets and liabilities:		
Accounts receivable, net	(121,792,057)	165,975,517
Prepaid expenses and other assets	(16,738,475)	(17,806,662)
Accounts payable and accrued liabilities	(2,296,355)	9,577,611
Pension obligations	(96,839,000)	(98,485,000)
OPEB obligations	(20,135,246)	(22,187,000)
Unearned Revenue	14,597,754	(1,142,948)
Net cash (used in) provided by operating activities	<u>\$ (145,133,568)</u>	<u>\$ 32,522,620</u>
Supplemental noncash activities information		
Capital assets acquired included in accounts payable	\$ 14,017,484	\$ 22,430,684
Capital assets acquired through capital lease	100,257	109,947
Non-cash transfer of funds from the STLP to the LCRP	—	547,946,709
Debt proceeds immediately transferred into escrow	—	81,890,469
Payment of outstanding bonds principal and interest via escrow	—	80,027,733

See accompanying notes to financial statements.

Southern Research Institute
(A Discretely Presented Component Unit)
Statements of Net Position
January 1, 2021 and December 28, 2019

	<u>2021</u>	<u>2020</u>
Current Assets:		
Cash and cash equivalents	\$ 15,846,028	\$ 470,327
Investments	26,287,986	15,321,444
Restricted cash and investments	12,226,041	11,933,466
Accounts receivable, net	17,227,864	17,182,332
Other receivables	577,048	1,411,383
Materials and supplies, net	974,676	986,730
Prepayments and other current assets	2,749,927	756,048
Total current assets	75,889,570	48,061,730
Noncurrent Assets:		
Net OPEB asset	1,565,283	1,187,434
Capital assets:		
Land and improvements	5,122,675	6,274,425
Buildings and major plant equipment	66,665,302	67,746,523
Laboratory equipment and fixtures	57,654,248	64,804,143
Office furniture and equipment	3,522,256	3,622,526
Intangible assets, net	1,906,909	1,707,790
	<u>134,871,390</u>	<u>144,155,407</u>
Less accumulated depreciation	(88,209,821)	(91,792,022)
	<u>46,661,569</u>	<u>52,363,385</u>
Construction-in-progress	1,341,134	667,583
Total capital assets, net	<u>48,002,703</u>	<u>53,030,968</u>
Total noncurrent assets	49,567,986	54,218,402
Total Assets	125,457,556	102,280,132
Deferred Outflows of Resources		
OPEB	280,742	319,792
Total Assets and Deferred Outflows of Resources	\$ 125,738,298	\$ 102,599,924
Current Liabilities:		
Accounts payable	\$ 3,841,344	\$ 4,400,559
Accrued liabilities	5,769,660	6,038,919
Unearned contract revenue	9,491,157	5,192,267
Current maturities of long-term debt and capital lease obligations	8,985,991	987,380
Note payable	—	172,370
Total current liabilities	28,088,152	16,791,495
Noncurrent Liabilities:		
Long-term debt and capital lease obligations	13,634,937	14,063,162
Total noncurrent liabilities	13,634,937	14,063,162
Total Liabilities	41,723,089	30,854,657
Deferred Inflows of Resources		
OPEB	1,670,887	1,472,708
Net Position		
Net investment in capital assets	33,108,475	37,980,426
Restricted		
Expendable	12,401,179	12,462,984
Unrestricted	36,834,668	19,829,149
Total Net Position	82,344,322	70,272,559
Total Liabilities, Deferred Inflows Of Resources, and Net Position	\$ 125,738,298	\$ 102,599,924

See accompanying notes to financial statements.

Southern Research Institute
(A Discretely Presented Component Unit)
Statements of Revenues, Expenses, and Changes in Net Position
Years Ended January 1, 2021 and December 28, 2019

	<u>2021</u>	<u>2020</u>
Operating Revenues		
Contract revenues	\$ 80,481,381	\$ 76,296,491
Intellectual property revenues, net of direct expenses	1,669,020	1,748,981
Total operating revenues	82,150,401	78,045,472
Operating Expenses		
Salaries, wages and benefits	42,197,364	46,123,903
Supplies and services	31,769,278	30,641,540
Depreciation and amortization	6,170,775	6,563,411
Total operating expenses	80,137,417	83,328,854
Operating income (loss)	2,012,984	(5,283,382)
Nonoperating Revenues (Expenses)		
Contributions	270,253	312,507
Investment income	916,130	3,258,840
Interest expense	(457,436)	(384,463)
Gain (loss) on disposal of assets	9,329,832	(1,711,609)
Net nonoperating revenues	10,058,779	1,475,275
Change in net position	12,071,763	(3,808,107)
Net Position, beginning of year	70,272,559	74,080,666
Net Position, end of year	\$ 82,344,322	\$ 70,272,559

See accompanying notes to financial statements.

The University of Alabama at Birmingham
Notes to Financial Statements
Years Ended September 30, 2021 and 2020

(1) Organization and Summary of Significant Accounting Policies

The University of Alabama at Birmingham ("UAB") is one of three universities of The University of Alabama System ("the System"), which is a component unit of the State of Alabama ("the State"). The financial statements of UAB are intended to present the financial position, changes in financial position, and the cash flows of only that portion of the business-type activities of the financial reporting entity of the System that is attributable to the transactions of UAB. They do not purport to, and do not, present fairly the financial position of the System, its changes in financial position or cash flows in accordance with accounting principles generally accepted in the United States of America. The System is recognized as an organization exempt from Federal income tax under Section 501(a) of the Internal Revenue Code as an organization described in Section 501(c)(3) of the Internal Revenue Code.

UAB, as a public institution, prepares its financial statements in accordance with accounting principles generally accepted in the United States of America, as prescribed by the Governmental Accounting Standards Board (GASB).

GASB Statement No. 35, *Basic Financial Statements and Management's Discussion and Analysis for Public Colleges and Universities*, establishes standards for external financial reporting for public colleges and universities and requires that resources be classified for accounting and reporting purposes into the following three net position categories:

- **Net Investment in Capital Assets:**

Capital assets, net of accumulated depreciation and outstanding principal balances of debt attributable to the acquisition, construction, or improvement of those assets.

- **Restricted:**

Nonexpendable: Net position subject to externally imposed stipulations that they be maintained permanently by UAB. Such assets include UAB's permanent endowment funds.

Expendable: Net position whose use by UAB is subject to externally imposed stipulations that can be fulfilled by actions of UAB pursuant to those stipulations or that expire by the passage of time.

- **Unrestricted:**

The net position that is not subject to externally imposed stipulations. Unrestricted net position may be designated for specific purposes by action of management. Substantially all of the unrestricted net position is designated for academic and research programs and initiatives and capital programs.

For financial reporting purposes, UAB is considered a special-purpose government engaged only in business-type activities as defined by GASB Statement No. 35. Business-type activities are those that are financed in whole or in part by fees charged to external parties for goods or services. Under the accrual basis, revenues are recognized when earned, and expenses are recorded when an obligation has been incurred.

UAB policy states that operating activities as reported by the statement of revenues, expenses, and changes in net position are those that generally result from exchange transactions such as payments received for providing services and payments made for services or goods received. Certain significant revenue streams relied upon for operations are recorded as nonoperating revenues, as defined by GASB Statement No. 35.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America, requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the dates of the financial statements, and the reported amounts of revenues and expenses during the reporting periods. Actual results could differ from those estimates. The estimates susceptible to significant changes include those used in determining the allowance for contractual adjustments and uncollectible accounts, valuation of investments, accruals related to compensated absences, allowance for self-insurance, estimated amounts due to or from third-party payors, and reserves for general and professional liability claims. Although some variability is inherent in these estimates, management believes that the amounts provided are adequate.

Scope of Statements

UAB is principally comprised of a university ("the University") and the University of Alabama Hospital ("University Hospital") which are UAB's reportable segments as defined by GASB Statement No. 37, *Basic Financial Statements and Management's Discussion and Analysis-For State and Local Governments: Omnibus an Amendment of GASB Statements No. 21 and No. 34*. UAB's financial statements present the financial position, changes in financial position, and the cash flows of the University, the University Hospital, and UAB's blended component units. Condensed financial information of UAB's reportable segments is presented at Note 15. Refer to Note 2 for information regarding UAB's component units.

UAB is affiliated with the UAB Educational Foundation ("UABEF"), the University of Alabama Health Services Foundation, P.C. ("HSF"), UAB Health System ("UABHS"), Medical West, Cooper Green Mercy Health Services Authority, and the Valley Foundation ("VF"). UAB is not financially accountable for UABEF, HSF, UABHS or VF; therefore, they do not constitute component units under the provisions of GASB Statement No. 14, *The Financial Reporting Entity*, as amended. These entities are not required to be presented as component units under GASB Statement No. 39, *Determining Whether Certain Organizations are Component Units – an Amendment of GASB Statement No. 14* and No. 61, *The Financial Reporting Entity – an Amendment of GASB Statement No. 14 and 34*. More information regarding HSF, UABHS and VF can be found at Note 16.

UABEF provides funds and certain facilities to UAB for its educational and scientific functions. UABEF has 13 board members, including seven outside members not affiliated with UAB. The UABEF Board approved to modify the fiscal year from June 30 to September 30 effective as of September 30, 2021. The current balance reflected below is for the fifteen months ended September 30, 2021. UABEF leases certain facilities to UAB, with rental expense of approximately \$3.3 million for the year ended September 30, 2021 and \$2.2 million for the year ended September 30, 2020. UABEF made contributions to UAB which totaled approximately \$3.0 million for the year ended September 30, 2021 and approximately \$4.2 million for the year ended June 30, 2020.

Implementation of new standards: During 2021, UAB adopted GASB Statement No. 84, *Fiduciary Activities*, which aims to improve guidance regarding the identification of fiduciary activities for accounting and financial reporting purposes and how those activities should be reported. The impact from its adoption of GASB 84 was not material to the financial statements.

Other significant accounting policies are as follows:

Cash and Cash Equivalents: For purposes of the statement of cash flows, UAB considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. Cash equivalents representing assets of UAB's endowment, life income, and other long-term investments are included in noncurrent assets.

Investments: UAB's investments are reported at fair value. The majority of UAB's investment portfolio is invested in separate investment pools sponsored by the System. Fair value for the investment pools is provided by the System, based on the fair value of the underlying investment securities held by each investment pool. Fair value of the underlying securities held in each investment pool is based on quoted market prices or dealer quotes, where available, or determined using net asset values provided by underlying investment partnerships or companies. Fair value for equity securities, debt securities, mutual funds and U.S. government and agency obligations held by UAB is determined from quoted market prices or market prices of similar instruments. Real estate held as investments is reported at fair value based upon appraisals, acquisition value at the date of donation, and other valuations typically based on management assumptions or expectations. Investments received by gift are reported at fair value at date of receipt. Net investment income, including realized and unrealized gains and losses, is reported as nonoperating revenues (expenses) in the statements of revenues, expenses, and changes in net position.

Investments are reported in four categories in the statement of net position. Investments recorded as endowment and life income investments are those invested funds that cannot be used to fund current operations and thus are included in noncurrent assets. Investments held for future capital projects are included in noncurrent assets. Other long-term investments include amounts resulting from UAB's equity investment in other entities, as discussed in Note 4 and Note 8. All other investments are included as short-term investments.

Inventories: Inventories are carried at the lower of cost or market. Inventories consist primarily of medical supplies and pharmaceuticals.

Accounts Receivable: Accounts receivable consist primarily of patient receivables, tuition charged to students and amounts due from federal, state, and local governments, or private sources, in connection with reimbursement of allowable expenditures made pursuant to UAB's contracts and grants.

Capital Assets: All capital assets are carried at cost on date of acquisition (or in the case of gifts, at acquisition value on the date of donation), less accumulated depreciation (or in the case of assets leased under capital leases, net of accumulated amortization). UAB computes depreciation for buildings and building improvements (15-40 years) and for fixed equipment systems (3-20 years) using a component method. Depreciation of land improvements (40 years), library collection (10 years), and inventoried equipment (3-20 years) is computed on a straight-line basis. The University Hospital uses guidelines established by the American Hospital Association to assign useful lives to inventoried equipment.

Capital assets acquired under capital leases are amortized over the shorter of the lives of the respective leases or the estimated useful lives of the assets. Capital assets acquired through federal grants and contracts in which the Federal government retains a reversionary interest are capitalized and depreciated.

Computer software capitalization, which is included as inventoried equipment, includes the costs of software and implementation. Implementation costs include consulting expenses and allocation of internal salaries and fringes for the core implementation team.

Pledges: UAB receives gift pledges and bequests of financial support. Revenue is recognized when a pledge representing an unconditional promise to give is received and all eligibility requirements, including time requirements, have been met. In the absence of such a promise, revenue is recognized when the gift is received. Pledges are recorded at their gross, undiscounted amount. Endowment pledges do not meet eligibility requirements and are not recorded as assets until the related gift is received in accordance with the requirements of GASB Statement No. 33, *Accounting and Financial Reporting for Nonexchange Transactions*. Due to uncertainties with regard to their realization and valuation, bequest intentions and other conditional promises are not recognized as assets until the specified conditions are met.

Endowment Spending: The State Legislature adopted the Alabama Uniform Prudent Management of Institutional Funds Act ("UPMIFA"), effective January 1, 2009, which permits the Board of Trustees of the University of Alabama (the "Board") to appropriate an amount of realized and unrealized endowment appreciation as the Board determines to be prudent. UPMIFA prescribes guidelines for the expenditure of donor-restricted endowment funds in the absence of overriding, explicit donor stipulations. UPMIFA focuses on the entirety of a donor-restricted endowment fund, that is, both the original gift amount(s) and net appreciation. UPMIFA eliminates UMIFA's historic-dollar-value threshold, an amount below which an organization could not spend from the fund, in favor of a more robust set of guidelines about what constitutes prudent spending, explicitly requiring consideration of the duration and preservation of the fund.

UAB's policy is to retain the endowment realized and unrealized appreciation within an endowment after the spending rate distributions in a manner consistent with the standards of prudence prescribed by UPMIFA. The Board approved a spending rate for fiscal years September 30, 2021 and 2020 of 4.5%, based on a moving five-year average of the market (unit) value.

Prepaid Expenses and Unearned Scholarships: Prepaid expenses are composed of future expenses that have been paid in advance and include prepaid postage, travel, and other miscellaneous expenses. Unearned scholarship expense results from the Fall academic term spanning across the fiscal year-end. UAB prorates scholarship expense to recognize only the amounts incurred in each fiscal year.

Unearned Revenue: Unearned revenue consists primarily of student tuition and fees related predominantly to future fiscal years and amounts received from grant and contract sponsors that have not yet been earned under the terms of the agreements and, therefore, have not yet been included in the net position.

Federal Refundable Loans: Certain loans to students are administered by UAB with funding primarily supported by the federal government. UAB's statements of net position include both the notes receivable and the related federal refundable loan liability representing federal capital contributions and related activity owed upon termination of the program. The Federal Perkins Loan Program expired June 30, 2018. The University will continue operating the program and remit any excess cash annually for the pro rata federal and institutional capital contributions. As of September 30, 2021, \$1.3 million is payable to the Department of Education for its portion of the excess cash available at June 30, 2020.

Compensated Absences: UAB accrues annual leave for employees at rates based upon length of service and job classification. UAB accrues compensatory time based upon job classification and hours worked. These amounts are included in accounts payable and accrued liabilities.

Deferred Outflows of Resources: Deferred outflows of resources consist of bond deferred refunding amounts, pension obligations, and OPEB obligations (Trust and UAB Plan). Pension obligations include employer contributions to the Teachers' Retirement System subsequent to the Plan's measurement date, differences between expected and actual

experience, and changes in actuarial and other assumptions. The Trust's obligations include employer contributions to the Alabama Retired Education Employees' Health Care Trust subsequent to the Trust's measurement date, differences between expected and actual experience, and changes in proportion and differences between employer contributions and proportionate share of contributions. The UAB Plan's obligations include employer contributions to the UAB Health Care Plan subsequent to the Plan's measurement date for eligible disabled retirees.

Deferred Inflows of Resources: Deferred inflows of resources are composed of pension obligations and OPEB obligations (Trust and UAB Plan). Pension obligations include differences between expected and actual experience, changes in proportion and differences between employer contributions and proportionate share of contributions, and net difference between projected and actual earnings on pension plan investments. The Trust's obligations include changes in actuarial and other assumptions and net difference between projected and actual earnings on OPEB plan investments. The UAB Plan's obligations include differences between expected and actual experience and changes in actuarial and other assumptions.

Student Tuition and Fees and Scholarship Allowances and Student Aid: Student tuition and fees are presented net of scholarships and fellowships applied to student accounts, while stipends and other payments made directly to students are presented as scholarships and fellowships expense.

Grant and Contract Revenue: UAB receives grant and contract revenue from governmental and private sources. UAB recognizes revenue associated with the sponsored programs in accordance with GASB Statement No. 33, based on the terms of the individual grant or contract.

University Hospital Revenue: Net patient service revenue is reported at the University Hospital's estimated net realizable amounts from patients, third-party payors, and others for services rendered, including estimated retroactive revenue adjustments due to revenue audits, reviews, and investigations. Retroactive adjustments are considered in the recognition of revenue on an estimated basis in the period the related services are rendered.

The University Hospital provides care to patients who meet certain criteria under its charity care policy without charge or at amounts less than its estimated rates. Because the University Hospital does not pursue collection of amounts determined to qualify as charity care, they are not reported as revenue.

Auxiliary Enterprise Revenue: Auxiliary enterprise revenues primarily represent revenues generated by intercollegiate athletics and parking as well as subscriber premiums for Triton Health Systems, L.L.C.

Other Revenue: Other revenue represents primarily revenues generated by UAB for activities such as intellectual property income and the University of Alabama Health Services Foundation, P.C. ("HSF") transfers.

Equity Investments: Investments in affiliated companies where UAB can exercise significant influence and for which UAB's ownership interest is 50% or less are accounted for using the equity method. The investment in the Professional Liability Trust Fund ("PLTF") also is accounted for using the equity method. See Notes 4 and 8.

Nonoperating Revenues (Expenses): Nonoperating revenues and expenses include State educational appropriations, federal appropriations, Federal Pell grants, private gifts for other than capital purposes, investment income, net unrealized appreciation or depreciation in the fair value of investments, interest expense, loss on asset dispositions, and CARES Act funds for fiscal years 2021 and 2020.

COVID-19 Pandemic: In January 2020, the World Health Organization declared the novel Coronavirus ("COVID-19") a Public Health Emergency of International Concern. The outbreak of COVID-19 has caused domestic and global disruption in operations for institutions of higher education and healthcare organizations. The outbreak has also negatively impacted both the global financial markets and UAB's investments, including the investments held within the System Pools, and may continue to do so. Other adverse consequences of COVID-19 in the future may include, but are not limited to, decline in enrollment, decline in demand for University housing, decline in demand for University programs that involve travel, and additional volatility within UAB's investments. UAB believes it has sufficient liquidity to meet its operating and financing needs; however, given the difficulty in predicting the ultimate duration and severity of the impact of COVID-19 on UAB, the economy and the financial markets, the ultimate impact is unknown and cannot be reasonably quantified at this time.

Coronavirus (COVID-19) Emergency Grants for Higher Education: The Coronavirus Aid, Relief and Economic Security ("CARES") Act was signed into law in March 2020 to provide economic assistance for businesses and individuals that have been negatively impacted by the COVID-19 pandemic. The Higher Education Emergency Relief Fund ("HEERF I"), the Coronavirus Relief Fund ("CRF"), and Provider Relief Fund ("PRF") are authorized by the CARES Act.

The Higher Education Emergency Relief Fund II (“HEERF II”) is authorized by the Coronavirus Response and Relief Supplemental Appropriations Act (“CRRSAA”), which was signed into law in December 2020. The CRRSAA funds support education in addition to the HEERF I CARES Act funding.

The Higher Education Emergency Relief Fund III (“HEERF III”) is authorized by the American Rescue Plan (“ARP”), which was signed into law in March 2021 to provide support to institutions of higher education to serve students and ensure learning continues during the COVID-19 pandemic. ARP funds are in addition to funds authorized by the CRRSAA and CARES Act.

The HEERF funds are administered through the U.S. Department of Education and are designed to facilitate the distribution of emergency financial aid grants directly to students, as well as to provide funding for institutions negatively impacted by the COVID-19 pandemic. Under the terms of the student portion of this program, revenue is recognized once eligible expenditures associated with the distribution of aid to students have been incurred. For the institutional portions of this program, revenue is recognized as the University identifies eligible expenditures or lost revenues which qualify for reimbursement.

The Coronavirus Relief Fund is administered through the State of Alabama Department of Finance. The purpose of the Coronavirus Relief Fund appropriation is for the funds to be used to prevent, prepare for, and respond to coronavirus only. The CRF covers only those costs that are necessary expenditures incurred due to the public health emergency with respect to COVID-19. Eligibility to receive payment from the State’s portion of funds from the CRF is contingent upon certifying that the University will: (1) use the funds in a lawful manner consistent with Section 601(d) of the Coronavirus Relief Fund and (2) will comply with any and all policies and directives issued by the Alabama Department of Finance related to the Coronavirus Relief Funds.

The Provider Relief Fund (“PRF”) is administered through the U.S. Department of Health and Human Services (“HHS”). PRF payments may be used to cover lost revenue attributable to COVID-19 or health-related expenses purchased to prevent, prepare for, and respond to COVID-19. Providers are required to report the use of funds expended through June 30, 2021 by September 30, 2021 and funds expended through December 31, 2021 by March 31, 2022. Based on the most recent guidance, providers may be reimbursed for healthcare-related expenses attributable to coronavirus that another source has not reimbursed, as well as lost revenues as measured by one of three options, which include a) calculating based on the negative change in calendar year 2020 and 2021 patient care revenues compared to calendar year 2019 patient care revenues, b) calculating based on the negative change in calendar year 2020 and 2021 patient revenue compared to budgeted 2020 and 2021 patient care revenues, respectively, provided the budget had been established and approved prior to March 27, 2020, and c) calculating by another reasonable method of estimating revenues.

All COVID-19 emergency grants received during fiscal years 2021 and 2020 are included in nonoperating grants in the accompanying statements of revenues, expenses, and changes in net position.

(2) Component Unit(s)

GASB Statement No. 14, *The Financial Reporting Entity*, as amended by GASB Statement No. 39, *Determining Whether Certain Organizations are Component Units – an Amendment of GASB Statement No. 14*, No. 61, *The Financial Reporting Entity – an Amendment of GASB Statement No. 14 and 34* and No. 80, *Blending Requirements for Certain Component Units – an amendment of GASB Statement No. 14*, requires governmental entities to include in their financial statements as a component unit, organizations that are legally separate entities for which the governmental entity, as a primary organization, is financially accountable. The primary objective of these statements is to determine whether all entities associated with a primary government are potential component units and should be evaluated for inclusion in the financial reporting entity. The statements as amended provide additional guidance to determine whether certain organizations for which the primary government is not financially accountable should be reported as component units based on the nature and significance of their relationship with the primary government.

Southern Research Institute (“SRI”) is a legally separate entity but its financial relationship with UAB is such that excluding SRI from the UAB financial report would be misleading. Management has therefore determined that SRI is a discretely presented component unit of UAB under GASB Statements No. 14 and No. 61. SRI reports financial results under principles prescribed under the GASB. SRI offers research and technology services to support industry and federal government agencies primarily in the areas of drug design and evaluation, environmental controls, materials engineering, and chemical and biological defense. The activities of SRI are maintained using a fiscal calendar year-end

that ends prior to UAB's fiscal year-end of September 30. The financial results of SRI are discretely presented in these financial statements.

UAB includes four blended component units, as follows: UAB Research Foundation ("UABRF"), UAB Athletics Foundation ("UABAF"), UAB Hospital Management, L.L.C. ("LLC") and Triton Health Systems, L.L.C. ("Triton"). The by-laws and corporate charters of UABRF allow UAB to appoint a majority of the board of directors and allow UAB to impose its will on the entity. UABRF operates for the exclusive benefit of UAB. UABAF was organized to support the UAB Athletics Department in its quest for excellence in all programs. UABAF operates as an extension of the UAB Athletics Department and it almost exclusively benefits the University. Additionally, LLC and Triton have governing bodies that are substantively the same as the governing body of UAB and there is a financial benefit or burden relationship between UAB and these entities. Therefore, management has determined that UABRF, UABAF, LLC and Triton (the Blended Component Units) constitute blended component units of UAB under GASB Statements No. 14 and No. 61. The Blended Component Units report financial results under principles prescribed under the GASB.

UABRF was organized exclusively for charitable, scientific, and educational purposes in order to benefit UAB. UABAF was formed in November 2015 as a nonprofit corporation organized to build loyalty and philanthropic support for the UAB athletic program and support the staff in coordinating, developing and improving a superior inter-collegiate athletics program. UABAF encourages alumni and friends to generously support the Athletics Department and contribute to scholarship funding for UAB's student athletes. The LLC was organized for the exclusive purpose of supporting UAB in connection with the management, administration, and operation of the University Hospital, including, without limitation, providing management, administrative, and staffing services to the University Hospital. Triton was formed to advance the educational and research mission of UAB and to educate and train physicians and other health care professionals. Triton is owned 99% by UAB and 1% by The UABEF.

UABRF and LLC maintain a September 30 year-end. UABAF maintains a June 30 year-end. The activities of Triton are maintained using a fiscal calendar year-end that ends prior to UAB's fiscal year-end of September 30. However, interfund cash transactions during the period from January 1 through September 30 have been eliminated. Since Triton qualifies as a major component unit under GASB Statement No. 61, financial information for the years ended December 31, 2020 and 2019 is presented below.

TRITON HEALTH SYSTEMS, L.L.C.
CONDENSED STATEMENT OF NET POSITION

	2021	2020
Current assets	\$ 264,795,047	\$ 261,535,804
Capital assets, net	2,727,482	3,946,551
Other assets	117,099,813	107,264,624
TOTAL ASSETS	\$ 384,622,342	\$ 372,746,979
Current liabilities	97,434,894	100,010,425
Other noncurrent liabilities	633,846	899,448
TOTAL LIABILITIES	98,068,740	100,909,873
Net investment in capital assets	2,727,482	3,946,551
Restricted nonexpendable net position	100,000	100,000
Unrestricted net position	283,726,120	267,790,555
TOTAL NET POSITION	286,553,602	271,837,106
TOTAL LIABILITIES AND NET POSITION	\$ 384,622,342	\$ 372,746,979

CONDENSED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

Operating revenues	\$ 845,745,980	\$ 810,684,944
Operating expenses	(799,945,072)	(766,075,475)
Depreciation and amortization expense	(1,282,472)	(1,286,839)
OPERATING INCOME	44,518,436	43,322,630
Investment income	7,737,096	10,568,127
Interest expense	—	(1,394)
Income tax expense	(2,266,772)	(2,800,679)
INCOME BEFORE OTHER CHANGES IN NET POSITION	49,988,760	51,088,684
Distributions to members	(35,272,264)	(34,197,554)
INCREASE IN NET POSITION	14,716,496	16,891,130
Net position, beginning of year	271,837,106	254,945,976
NET POSITION, END OF YEAR	\$ 286,553,602	\$ 271,837,106

CONDENSED STATEMENT OF CASH FLOWS

Net cash provided by (used in):		
Operating activities	\$ 37,114,595	\$ 833,764
Noncapital financing activities	(35,272,264)	(34,197,554)
Capital and related financing activities	(63,402)	(990,546)
Investing activities	(1,540,132)	7,670,724
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	238,797	(26,683,612)
Cash and cash equivalents, beginning of year	144,343,287	171,026,899
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 144,582,084	\$ 144,343,287

(3) Cash and Cash Equivalents

The Board approves, by resolution, all banks or other financial institutions utilized as depositories for UAB funds. Prior to approval, each proposed depository must provide evidence of its designation by the Alabama state treasurer as a qualified public depository under the Security for Alabama Funds Enhancement Act (SAFE). From time to time, the Board may request that the depository provide evidence of its continuing designation as a qualified public depository. In the past, the bank pledged collateral directly to each individual public entity. Under the mandatory SAFE program, each qualified public depository (QPD) is required to hold collateral for all its public deposits on a pooled basis in a custody account established for the State Treasurer as SAFE administrator. In the unlikely event a public entity should suffer a deposit loss due to QPD insolvency or default, a claim form would be filed with the state treasurer, who would use the SAFE pool collateral or other means to reimburse the loss. As of September 30, 2021 and 2020, respectively, UAB had cash and cash equivalents totaling \$520.6 million and \$705.3 million.

(4) Investments

The Board has the responsibility for the establishment of the investment policy and the oversight of the investments for the System and related entities. In order to facilitate System-wide investment objectives and achieve economies of scale, the Board previously established three distinct investment pools based primarily on the projected investment time-horizons for System funds: the Pooled Endowment Fund ("PEF"), Long Term Reserve Pool Fund ("LTRP") and the Short Term Liquidity Pool Fund ("STLP"); collectively, the "System Pools". In April 2020, the Board approved a merger of the STLP and the LTRP into one pool, the Liquidity and Capital Reserve Pool ("LCRP"). In July 2020, the Board closed the STLP and transferred the assets to the LTRP to create the new merged pool, with a new asset allocation. Pursuant to Board investment policies, each System or related entity may include all or a portion of their investments within the System sponsored investment pools. These investment funds are considered 'internal' investment pools under GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools* with the assets pooled on a market value basis. Separately managed funds that reside with each entity are to be invested consistent with the asset mix of the corresponding System investment pool. UAB applies the same investment policies for separately held investments as those of the System Pools.

The following disclosures relate to both the System Pools, which include the investments of other System entities and other affiliated entities, and the UAB-specific investment portfolio.

Pooled Endowment Fund

The purpose of the PEF is to pool endowment and similar funds to support the System universities, University Hospital and related entities in carrying out their respective missions over a perpetual time frame. Accordingly, the primary investment objectives of the PEF are to preserve the purchasing power of the principal and provide a stable source of perpetual financial support to the endowment beneficiaries. To satisfy the long-term rate of return objective, the PEF relies on a total return strategy in which investment returns are achieved through both capital appreciation and natural income. Asset allocation targets are established to meet return objectives while providing adequate diversification in order to minimize investment volatility.

Long Term Reserve Pool Fund (effective July 1, 2020, merger with the STLP to form the LCRP)

The LTRP was a longer-term pool used as an investment vehicle to manage operating reserves with a time horizon of three to seven years. This fund had an investment objective of growth and income and was invested in a diversified asset mix of liquid, semi-liquid and illiquid securities. This fund can invest no more than 10% in illiquid assets.

Short Term Liquidity Pool Fund (effective July 1, 2020, merger with the LTRP to form the LCRP)

The STLP served as an investment vehicle to manage operating reserves with a time horizon of one to three years. This fund was also used to balance the other funds when looking at the System's entire asset allocation of operating reserves relative to its investment objectives. The STLP had an investment objective of income with preservation of capital and is invested in intermediate term fixed income securities. The fund held at least one large mutual fund to provide daily liquidity.

Liquidity and Capital Reserve Pool

The LCRP serves as an investment vehicle to manage operating reserves of the System universities, University Hospital, and related entities with an investment strategy that matches the duration of reserves to their projected needs. The goals of the pool are to preserve and grow capital, maximize returns without undue exposure to risk, and maintain sufficient liquidity for credit ratings. The pool is invested in a diversified asset mix of liquid, semi-liquid, and illiquid securities. The pool can invest no more than 15% in illiquid assets and must invest no less than 60% in liquid assets as defined by Board Rule 404.

Fair Value Measurements

GASB 72 sets forth the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB 72 are described as follows:

- Level 1 – Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that UAB has the ability to access.
- Level 2 – Inputs to the valuation methodology include:
 - Quoted prices for similar assets or liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in inactive markets;
 - Inputs other than quoted prices that are observable for the assets or liabilities;
 - Inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 – Inputs to the valuation methodology are unobservable and significant to the fair value measurement. Unobservable inputs reflect UAB's own assumptions about the inputs market participants would use in pricing the asset or liability (including assumptions about risk). Unobservable inputs are developed based on the best information available in the circumstances and may include UAB's own data.

GASB 72 allows for the use of net asset value ("NAV") as a practical expedient for valuation purposes for investment that do not have readily determinable fair value. Investments that use NAV in determining fair value are disclosed separately from the valuation hierarchy as presented herein.

The level within the hierarchy is based on the lowest level of input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The determination of what constitutes observable requires judgment by UAB's management. UAB management considers observable data to be that market data which is readily available, regularly distributed or updated, reliable, and verifiable, not proprietary, and provided by multiple independent sources that are actively involved in the relevant market.

The categorization of an investment within the hierarchy is based upon the relative observability of the inputs to its fair value measurement and does not necessarily correspond to UAB management's perceived risk of that investment.

The following is a description of the valuation methods and assumptions used by UAB to estimate the fair value of its investments. There have been no changes in the methods and assumptions used at September 30, 2021. The methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. UAB management believes its valuation methods are appropriate and consistent with other market participants. The use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

When available, quoted prices are used to determine fair value. When quoted prices in active markets are available, investments are classified within Level 1 of the fair value hierarchy. UAB's Level 1 investments primarily consist of investments in mutual funds, exchange traded funds, and both domestic and foreign equity funds.

UAB's Level 2 investments consist of mutual funds that are priced or traded at the end of the day.

UAB's Level 3 investments primarily consist of very illiquid securities. The inputs or methodologies used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. Valuation techniques utilized by UAB are appraisals, entry price at the date of donation, and other valuations typically based on management assumptions or expectations.

At September 30, 2021 and 2020, the fair value of UAB's investments based on the inputs used to value them is summarized as follows:

	2021				Total
	Level 1	Level 2	Level 3	NAV	
Cash and equivalents:					
Commercial paper	\$ 100,000	\$ —	\$ —	\$ —	\$ 100,000
Equities:					
Common Stock	420,806	—	—	—	420,806
Fixed Income Securities:					
Corporate bonds	—	148,895,846	—	—	148,895,846
Commingled Funds:					
U.S. equity funds	—	1,057,467	—	—	1,057,467
Non-U.S. equity funds	—	411,206	—	—	411,206
Real Estate	—	—	159,600	—	159,600
	\$ 520,806	\$ 150,364,519	\$ 159,600	\$ —	\$ 151,044,925
					Equity investments in partnerships 69,880,913
					UAB Portion of System Pool Investments:
					Pooled Endowment Fund 712,833,170
					Liquidity and Capital Reserve Pool Fund 2,670,715,589
					Total Net Asset Value with System Pooled Investments \$ 3,604,474,598

	2020				Total
	Level 1	Level 2	Level 3	NAV	
Cash and equivalents:					
Commercial paper	\$ 100,000	\$ —	\$ —	\$ —	\$ 100,000
Equities:					
Common Stock	422,310	—	—	—	422,310
Fixed Income Securities:					
Corporate bonds	—	139,341,911	—	—	139,341,911
Commingled Funds:					
U.S. equity funds	—	1,478,656	—	—	1,478,656
Non-U.S. equity funds	—	15,625	—	—	15,625
Real Estate	—	—	159,600	—	159,600
	\$ 522,310.25	\$ 140,836,192	\$ 159,600	\$ —	\$ 141,518,102.25
					Equity investments in partnerships 59,920,845
					UAB Portion of System Pool Investments:
					Pooled Endowment Fund 541,012,824
					Liquidity and Capital Reserve Pool Fund 1,959,862,158
					Total Net Asset Value with System Pooled Investments \$ 2,702,313,929

At September 30, 2021 and 2020, the fair value of investments for the System Pools based on the inputs used to value them is summarized as follows:

POOLED ENDOWMENT FUND					
	2021				Total
	Level 1	Level 2	Level 3	NAV	
Receivables:					
Accrued Income Receivables	\$ —	\$ —	\$ —	\$ —	\$ 515,924
Total Receivables	—	—	—	—	515,924
Cash Equivalents:					
Money Market Funds	45,941,864	—	—	—	45,941,864
Total Cash Equivalents	45,941,864	—	—	—	45,941,864
Equities:					
U.S. Common Stock	175,095,293	—	—	—	175,095,293
Foreign Stock	52,258,192	—	—	—	52,258,192
Total Equities	227,353,485	—	—	—	227,353,485
Fixed Income Securities:					
U.S. Government Obligations	—	13,246,381	—	—	13,246,381
Mortgage Backed Securities	—	14,281,482	—	—	14,281,482
Corporate Bonds	—	33,019,460	—	—	33,019,460
Non-U.S. Bonds	—	6,034,696	—	—	6,034,696
Total Fixed Income Securities	—	66,582,019	—	—	66,582,019
Commingled Funds:					
Non-U.S. Equity Funds	—	134,788,898	—	—	134,788,898
Hedge Funds	—	—	—	785,762,770	785,762,770
Private Equity Funds	—	—	3,673,786	415,061,514	418,735,300
Real Estate Funds	—	—	7,610,408	314,943,245	322,553,653
Total Commingled Funds	—	134,788,898	11,284,194	1,515,767,529	1,661,840,621
Total Fund Investments	273,295,349	201,370,917	11,284,194	1,515,767,529	2,001,717,989
Total Fund Assets	\$ 273,295,349	\$ 201,370,917	\$ 11,284,194	\$ 1,515,767,529	\$ 2,002,233,913
Total Fund Liabilities					(463,514)
Affiliated Entity Investments					(313,952,384)
Total Net Asset Value					\$ 1,687,818,015

POOLED ENDOWMENT FUND

	2020				Total
	Level 1	Level 2	Level 3	NAV	
Receivables:					
Accrued Income Receivables	\$ —	\$ —	\$ —	\$ —	\$ 588,314
Total Receivables	—	—	—	—	588,314
Cash Equivalents:					
Money Market Funds	42,770,410	—	—	—	42,770,410
Total Cash Equivalents	42,770,410	—	—	—	42,770,410
Equities:					
U.S. Common Stock	114,821,118	—	—	—	114,821,118
U.S. Preferred Stock	—	—	—	—	—
Foreign Stock	38,691,556	—	—	—	38,691,556
Total Equities	153,512,674	—	—	—	153,512,674
Fixed Income Securities:					
U.S. Government Obligations	—	6,061,927	—	—	6,061,927
Mortgage Backed Securities	—	13,435,270	—	—	13,435,270
Corporate Bonds	—	19,124,922	—	—	19,124,922
Non-U.S. Bonds	—	3,975,272	—	—	3,975,272
Total Fixed Income Securities	—	42,597,391	—	—	42,597,391
Commingled Funds:					
U.S. Bond Funds	—	212,441,977	—	—	212,441,977
Non-U.S. Bond Funds	—	38,073,557	—	—	38,073,557
Hedge Funds	—	—	—	508,475,822	508,475,822
Private Equity Funds	—	—	2,297,985	256,095,913	258,393,898
Real Estate Funds	—	—	36,566,136	207,118,536	243,684,672
Total Commingled Funds	—	250,515,534	38,864,121	971,690,271	1,261,069,926
Total Fund Investments	196,283,084	293,112,925	38,864,121	971,690,271	1,499,950,401
Total Fund Assets	\$ 196,283,084	\$ 293,112,925	\$ 38,864,121	\$ 971,690,271	\$ 1,500,538,715
Total Fund Liabilities					(337,805)
Affiliated Entity Investments					(237,483,192)
Total Net Asset Value					\$ 1,262,717,718

LIQUIDITY AND CAPITAL RESERVE POOL FUND

	2021				Total
	Level 1	Level 2	Level 3	NAV	
Receivables:					
Accrued Income Receivables	\$ —	\$ —	\$ —	\$ —	\$ 3,879,956
LOC - Crimson Tide Foundation	—	—	—	—	13,464,676
Total Receivables	—	—	—	—	17,344,632
Cash Equivalents:					
Money Market Funds	101,990,000	—	—	—	101,990,000
Total Cash Equivalents	101,990,000	—	—	—	101,990,000
Equities:					
U.S. Common Stock	470,698,065	—	—	—	470,698,065
Foreign Stock	116,375,236	—	—	—	116,375,236
Total Equities	587,073,301	—	—	—	587,073,301
Fixed Income Securities:					
U.S. Government Obligations	—	250,565,337	—	—	250,565,337
Mortgage Backed Securities	—	239,316,613	—	—	239,316,613
Collateralized Mortgage Obligations	—	21,324,002	—	—	21,324,002
Corporate Bonds	—	204,635,474	—	—	204,635,474
Non-U.S. Bonds	—	91,866,955	—	—	91,866,955
Other Fixed Income Assets	—	10,780,861	—	—	10,780,861
Total Fixed Income Securities	—	818,489,242	—	—	818,489,242
Commingled Funds:					
U.S. Equity Funds	—	165,108,021	—	—	165,108,021
Non-U.S. Equity Funds	—	334,327,898	—	—	334,327,898
U.S. Bond Funds	—	495,084,539	—	—	495,084,539
Hedge Funds	—	—	—	1,253,780,387	1,253,780,387
Real Asset Funds	—	—	—	253,017,907	253,017,907
Total Commingled Funds	—	994,520,458	—	1,506,798,294	2,501,318,752
Total Fund Investments	689,063,301	1,813,009,700	—	1,506,798,294	4,008,871,295
Total Fund Assets	\$ 689,063,301	\$ 1,813,009,700	\$ —	\$ 1,506,798,294	\$ 4,026,215,927
Total Fund Liabilities					(3,334,581)
Affiliated Entity Investments					(259,048,937)
Total Net Asset Value					\$ 3,763,832,409

LIQUIDITY AND CAPITAL RESERVE POOL

	2020				
	Level 1	Level 2	Level 3	NAV	Total
Receivables:					
Accrued Income Receivables	\$ —	\$ —	\$ —	\$ —	\$ 3,681,520
Total Receivables	—	—	—	—	3,681,520
Cash Equivalents:					
Money Market Funds	122,282,756	—	—	—	122,282,756
Total Cash Equivalents	122,282,756	—	—	—	122,282,756
Equities:					
U.S. Common Stock	210,853,767	—	—	—	210,853,767
Foreign Stock	76,692,824	—	—	—	76,692,824
Total Equities	287,546,591	—	—	—	287,546,591
Fixed Income Securities:					
U.S. Government Obligations	—	74,438,886	—	—	74,438,886
Mortgage Backed Securities	—	253,871,960	—	—	253,871,960
Collateralized Mortgage Obligations	—	22,981,714	—	—	22,981,714
Corporate Bonds	—	169,834,304	—	—	169,834,304
Non-U.S. Bonds	—	85,166,218	—	—	85,166,218
Total Fixed Income Securities	—	606,293,082	—	—	606,293,082
Commingled Funds:					
U.S. Equity Funds	—	145,228,505	—	—	145,228,505
Non-U.S. Equity Funds	—	356,462,581	—	—	356,462,581
U.S. Bond Funds	—	306,086,677	—	—	306,086,677
Hedge Funds	—	—	—	916,173,748	916,173,748
Real Asset Funds	—	—	—	131,654,699	131,654,699
Total Commingled Funds	—	807,777,763	—	1,047,828,447	1,855,606,210
Total Fund Investments	409,829,347	1,414,070,845	—	1,047,828,447	2,871,728,639
Total Fund Assets	\$ 409,829,347	\$ 1,414,070,845	\$ —	\$ 1,047,828,447	\$ 2,875,410,159
Total Fund Liabilities					(791,152)
Affiliated Entity Investments					(214,311,956)
Total Net Asset Value					\$ 2,660,307,051

Additional information on fair values, unfunded commitments, remaining life, and redemption for investments measured at the NAV for the System Pools at September 30, 2021 and 2020 is as follows:

POOLED ENDOWMENT FUND

	2021				
	Fair Value	Unfunded Commitments	Remaining Life	Redemption Notice Period	Redemption Restrictions
Hedge funds - absolute return, credit, long/short equities	\$ 785,762,770	\$ —	No limit	Monthly, Quarterly, and Annually	Lock-up provisions ranging from none to 2 years
Private equity - private credit, buyouts, venture, secondary	415,061,514	174,482,041	1-15 years	Partnerships ineligible for redemption	Not redeemable
Real assets - public real estate, natural resources, and infrastructure	86,098,351	—	No limit	Monthly and Quarterly	None
Real assets - private real estate, natural resources, and infrastructure	228,844,894	131,972,561	1-15 years	Partnerships ineligible for redemption	Not redeemable
	\$ 1,515,767,529	\$ 306,454,602			

POOLED ENDOWMENT FUND

	2020				
	Fair Value	Unfunded Commitments	Remaining Life	Redemption Notice Period	Redemption Restrictions
Hedge funds - absolute return, credit, long/short equities	\$ 508,475,822	\$ —	No limit	Monthly, Quarterly, and Annually	Lock-up provisions ranging from none to 2 years
Private equity - private credit, buyouts, venture, secondary	256,095,913	185,895,557	1-10 years	Partnerships ineligible for redemption	Not redeemable
Real assets - public real estate, natural resources, and infrastructure	44,328,885	—	No limit	Monthly and Quarterly	None
Real assets - private real estate, natural resources, and infrastructure	162,789,651	92,293,798	1-15 years	Partnerships ineligible for redemption	Not redeemable
	\$ 971,690,271	\$ 278,189,355			

LIQUIDITY AND CAPITAL RESERVE FUND

	2021				
	Fair Value	Unfunded Commitments	Remaining Life	Redemption Notice Period	Redemption Restrictions
Hedge funds - absolute return, credit, long/short equities	\$ 1,253,780,387	\$ —	No limit	Monthly, Quarterly, and Annually	Lock-up provisions ranging from none to 2 years
Real assets - public real estate, natural resources, and infrastructure	253,017,907	—	No limit	Monthly and Quarterly	None
	\$ 1,506,798,294	\$ —			

LIQUIDITY AND CAPITAL RESERVE FUND

	2020				
	Fair Value	Unfunded Commitments	Remaining Life	Redemption Notice Period	Redemption Restrictions
Hedge funds - absolute return, credit, long/short equities	\$ 916,173,748	\$ —	No limit	Monthly, Quarterly, and Annually	Lock-up provisions ranging from none to 2 years
Real assets - public real estate, natural resources, and infrastructure	131,654,699	—	No limit	Monthly and Quarterly	None
	\$ 1,047,828,447	\$ —			

Investment Risk Factors

There are many factors that can affect the value of investments. Some, such as custodial credit risk, concentration of credit risk and foreign currency risk, may affect both equity and fixed income securities. Equity securities respond to such factors as economic conditions, individual company earnings performance and market liquidity, while fixed income securities are particularly sensitive to credit risks and changes in interest rates.

Credit Risk

Fixed income securities are subject to credit risk, which is the chance that a bond issuer will fail to pay interest or principal in a timely manner, or that negative perceptions of the issuer's ability to make these payments will cause security prices to decline. These circumstances may arise due to a variety of factors such as financial weakness, bankruptcy, litigation, and/or adverse political developments. Certain fixed income securities, primarily obligations of the U.S. government or those explicitly guaranteed by the U.S. government, are not considered to have significant credit risk.

The investment policy recognizes that credit risk is appropriate in balanced investment pools such as the PEF and LCRP, and the credit quality of underlying fund investments is monitored on an ongoing basis. Fixed income investments within the PEF and LCRP include corporate, mortgage backed, asset backed, collateralized mortgage and U.S. treasury and/or agency bonds. In addition, approximately \$208.9 million and \$202.6 million in the PEF and LCRP, collectively, at September 30, 2021 and 2020, respectively, is invested in unrated fixed income securities, excluding fixed income commingled funds. Fixed income commingled funds and money market funds were approximately \$643.0 million and \$509.2 million in the PEF and LCRP, collectively, at September 30, 2021 and 2020, respectively.

The credit risk for fixed and variable income securities, for the System Pools, at September 30, 2021 and 2020 is as follows:

	POOLED ENDOWMENT FUND		LCRP FUND	
	2021	2020	2021	2020
Fixed or Variable Income Securities				
U.S. Government Obligations	\$ 13,246,381	\$ 6,061,927	\$ 250,565,337	\$ 74,438,886
Other U.S. Denominated:				
AAA	751,743	1,759,641	33,536,982	68,457,473
AA	1,691,717	2,522,307	49,370,980	36,093,014
A	12,042,928	6,820,070	135,358,729	113,181,471
BBB	18,930,562	9,988,712	128,995,396	110,647,518
BB	5,670,545	4,393,666	7,716,916	11,683,200
B	242,759	—	12,510,612	150,423
C and < C	—	—	5,566,724	46,695
Unrated	14,005,384	11,051,069	194,867,566	191,594,402
Commingled Funds:				
U.S. Bond Funds: Unrated	—	38,073,557	495,084,539	306,086,677
Non-U.S. Bond Funds: Unrated	—	—	—	—
Money Market Funds: Unrated	45,941,864	42,770,410	101,990,000	122,282,756
TOTAL	\$ 112,523,883	\$ 123,441,359	\$ 1,415,563,781	\$ 1,034,662,515

In accordance with the Board policy disclosed previously, credit risk for UAB's fixed and variable income securities held outside of the System Pools is managed by diversifying across issuers and limiting the amount of portfolio assets that are invested in non- investment grade securities.

The credit risk for fixed and variable income securities of UAB's separately held investments at September 30, 2021 and 2020 is as follows:

	2021	2020
Fixed or Variable Income Securities		
U.S. Government Guaranteed	\$ —	\$ —
Other U.S. and Non U.S. Denominated:		
AAA	148,895,846	139,341,911
AA	—	—
A	—	—
BBB	—	—
BB	—	—
B	—	—
CCC	—	—
CC	—	—
Unrated	—	—
Commingled Funds:		
U.S. Bond Funds: Unrated	—	—
Non-U.S. Bond Funds: Unrated	—	—
Money Market Funds: Unrated	—	—
Commercial Paper: Unrated	100,000	100,000
TOTAL	\$ 148,995,846	\$ 139,441,911

Custodial Credit Risk

Custodial credit risk is the risk that in the event of the corporate failure of the custodian, the investment securities may not be returned.

Investment securities in the System Pools and UAB's separately held investments are registered in the Board's name by the custodial bank as an agent for the System. Other types of investments (e.g. open-ended mutual funds, money market funds) represent ownership interests that do not exist in physical or book-entry form. As a result, custodial credit risk is remote.

Concentration of Credit Risk

Concentration of credit risk is the risk associated with a lack of diversification, such as having substantial investments in a few individual issuers, thereby exposing the organization to greater risks resulting from adverse economic, political, regulatory, geographic, or credit developments.

As previously mentioned, credit risk in each investment pool and UAB's separately held portfolio is managed primarily by diversifying across issuers and limiting the amount of portfolio assets that can be invested in non-investment grade securities.

As of September 30, 2021 and 2020, there was no investment in a single issuer that represents 5% or more of total investments held by any single investment manager of the System Pools or UAB's separately held investment portfolio except for investments issued by the U.S. government and money market fund investments.

Interest Rate Risk

Interest rate risk is the risk that the value of fixed income securities will decline because of changing interest rates. The prices of fixed income securities with a longer time to maturity, measured by effective duration, tend to be more sensitive to changes in interest rates and, therefore, more volatile than those with shorter durations. Effective duration is the approximate change in price of a security resulting from a 100 basis point (1 percentage point) change in the level of interest rates. It is not a measure of time.

The Board does not have a specific policy relative to interest rate risk. As such, there are no restrictions on weighted average maturity for each investment pool as they are managed relative to the investment objectives and liquidity demands of the investors.

The effective durations in years for fixed or variable income securities, for the System Pools at September 30, 2021 and 2020 are as follows:

	POOLED ENDOWMENT FUND		LCRP FUND	
	2021	2020	2021	2020
U.S. Government Obligations	9.8	11.9	3.2	3.4
Corporate Bonds	6.1	7.3	2.5	3.0
Non-US Bonds	6.1	7.3	2.5	3.0
Commingled Bond Funds	0.0	3.3	2.5	2.9
Other Fixed Income	0.0	0.0	1.9	0.0

Investments may also include mortgage pass through securities and collateralized mortgage obligations that may be considered to be highly sensitive to changes in interest rates due to the existence of prepayment or conversion features.

The effective durations for fixed or variable income securities for UAB's separately held investments at September 30, 2021 and 2020 are as follows:

	SEPARATELY HELD	
	2021	2020
Commingled Bond Funds	3.4	2.7

At September 30, 2021 and 2020, the fair market values of these investments in the System Pools are as follows:

	POOLED ENDOWMENT FUND		LCRP FUND	
	2021	2020	2021	2020
Mortgage Backed Securities	\$ 14,281,482	\$ 13,435,270	\$ 239,316,613	\$ 253,871,960
Collateralized Mortgage Obligations	—	—	21,324,002	22,981,714
TOTAL FIXED	\$ 14,281,482	\$ 13,435,270	\$ 260,640,615	\$ 276,853,674

Mortgage Backed Securities. These securities are issued by the Federal National Mortgage Association ("Fannie Mae"), Government National Mortgage Association ("Ginnie Mae") and Federal Home Loan Mortgage Association ("Freddie Mac") and include short embedded prepayment options. Unanticipated prepayments by the obligees of the underlying asset reduce the total expected rate of return.

Collateralized Mortgage Obligations. Collateralized mortgage obligations ("CMOs") generate a return based upon either the payment of interest or principal on mortgages in an underlying pool. The relationship between interest rates and prepayments makes the fair value highly sensitive to changes in interest rates. In falling interest rate environments, the underlying mortgages are subject to a higher propensity of prepayments. In a rising interest rate environment, the opposite is true.

At September 30, 2021 and 2020, the effective durations for these securities held in the System Pools are as follows:

	POOLED ENDOWMENT FUND		LCRP FUND	
	2021	2020	2021	2020
Mortgage Backed Securities	3.6	2.9	2.6	2.0
Collateralized Mortgage Obligations	—	—	6.6	2.6

There are no mortgage backed securities or CMOs in UAB's separately held investments at September 30, 2021 and 2020.

Foreign Currency Risk

The strategic asset allocation policy for the PEF, the LCRP, and UAB's separately held investments includes an allocation to non-United States equity and fixed income securities. Currency hedging of foreign bonds and stocks is allowed under System policy. As of September 30, 2021 and 2020, all foreign investments in the System Pools and UAB's separately held investments are denominated in U.S. dollars and are in international commingled funds, which in turn invest in equity securities and bonds of foreign issuers except for foreign stock and non-U.S. bond funds denominated in U.S. dollars and held by each of the three pools as disclosed in previous tables.

Securities Lending

The System permits security lending as a mechanism to augment income. Loans of the securities are required to be collateralized by cash, letters of credit or securities issued or guaranteed by the U.S. Government or its agencies. The collateral must equal at least 102% of the current market value of the loaned securities. Securities lending contracts must state acceptable collateral for securities loaned, duties of the borrower, delivery of loaned securities and acceptable investment of the collateral. At September 30, 2021 and 2020, there were no securities on loan from the investment pools.

Joint Ventures

UAB accounts for its ownership of the PLTF as a joint venture, using the equity method in the amount of approximately \$69.9 million and \$59.9 million at September 30, 2021 and 2020, respectively. See Note 8 for further discussion of the PLTF.

(5) Receivables

Account receivable:

Accounts receivable consist of patient receivables, tuition charged to students and amounts due from federal, state and local governments, or private sources, in connection with reimbursement of allowable expenditures made pursuant to UAB's contracts and grants.

The composition of accounts receivable at September 30, 2021 and 2020 is summarized as follows:

	2021	2020
Patient care	\$ 579,841,693	\$ 473,302,106
Receivables from sponsoring agencies	93,499,257	89,713,630
Student accounts	47,080,570	56,979,455
Other	92,237,896	89,398,007
Total accounts receivable	\$ 812,659,416	\$ 709,393,198
Less: Allowances for doubtful accounts from patient care	199,997,424	172,792,838
Less: Allowances for doubtful accounts from student accounts	1,157,044	2,819,990
Less: Allowances for doubtful accounts, other	3,091,238	2,951,480
ACCOUNTS RECEIVABLE, NET	\$ 608,413,710	\$ 530,828,890

Loans receivable:

Loans receivable represent all amounts owed on promissory notes from debtors, including student loans made under the Federal Perkins Loan Program and other loan programs. The principal repayment and interest rate terms of federal and university loans vary considerably. The allowance for doubtful accounts only applies to University-funded notes and the University portion of federal student loans, since the University is not obligated to fund the federal portion of uncollected student loans. Federal loan programs are funded principally with federal advances to UAB under the Perkins and various health professions loan programs.

The composition of loans receivable at September 30, 2021 and 2020 is summarized in the table as follows:

	<u>2021</u>	<u>2020</u>
Federal loan program	\$ 11,172,570	\$ 12,307,521
University loan funds	2,338,606	2,306,822
Other	116,795	139,751
Total loans receivable	\$ 13,627,971	\$ 14,754,094
Less allowance for doubtful accounts	3,247,931	4,412,373
Total loans receivable, net	\$ 10,380,040	\$ 10,341,721
Less: current portion	1,824,938	1,994,471
TOTAL LOANS RECEIVABLE OUTSTANDING, NONCURRENT	\$ 8,555,102	\$ 8,347,250

Pledges receivable:

Pledges receivable represent unconditional promises to give from third party donors. Pledges for permanent endowments do not meet eligibility requirements, as defined by GASB Statement No. 33, until the related gift is received. Due to uncertainties with regard to their realization and valuation, bequest intentions and other conditional promises are not recognized as assets until the specified conditions are met.

The composition of pledges receivable at September 30, 2021 and 2020 is summarized in the following table.

	<u>2021</u>	<u>2020</u>
Operations	\$ 35,236,666	\$ 29,874,012
Capital	7,478,690	10,266,972
Total gift pledges	\$ 42,715,356	\$ 40,140,984
Less: current portion	8,610,396	10,732,083
TOTAL GIFT PLEDGES, NONCURRENT	\$ 34,104,960	\$ 29,408,901

(6) Capital Assets

Capital assets as of September 30, 2021 and 2020 are summarized as follows:

	BEGINNING BALANCE	ADDITIONS	SALES/ RETIREMENTS/ TRANSFERS	ENDING BALANCE
	October 1, 2020			September 30, 2021
UNIVERSITY AND BLENDED COMPONENT UNITS				
Capital assets not being depreciated				
Land	\$ 87,075,170	\$ —	\$ (13,750)	\$ 87,061,420
Construction in progress	30,327,101	21,054,256	(22,536,537)	28,844,820
	117,402,271	21,054,256	(22,550,287)	115,906,240
Capital assets being depreciated				
Land Improvements	61,582,591	1,078,357	—	62,660,948
Buildings	1,802,926,979	49,165,597	(10,342,532)	1,841,750,044
Fixed Equipment Systems	89,398,977	527,645	—	89,926,622
Equipment	393,974,359	26,710,865	(6,469,668)	414,215,556
Library Materials	133,503,852	8,892,105	—	142,395,957
	2,481,386,758	86,374,569	(16,812,200)	2,550,949,127
Total Capital Assets	2,598,789,029	107,428,825	(39,362,487)	2,666,855,367
Less: Accumulated Depreciation	1,425,716,710	81,504,308	(14,041,057)	1,493,179,961
Total Net Capital Assets	\$ 1,173,072,319	\$ 25,924,517	\$ (25,321,430)	\$ 1,173,675,406
UNIVERSITY HOSPITAL				
Capital assets not being depreciated				
Land	\$ 20,813,545	\$ —	\$ —	\$ 20,813,545
Construction in progress	14,170,963	11,883,702	(8,220,316)	17,834,349
	34,984,508	11,883,702	(8,220,316)	38,647,894
Capital assets being depreciated				
Land Improvements	656,874	48,565	—	705,439
Buildings	982,792,320	14,314,104	(4,064,905)	993,041,519
Fixed Equipment Systems	10,217,842	—	—	10,217,842
Equipment	576,012,153	65,143,192	(12,118,538)	629,036,807
	1,569,679,189	79,505,861	(16,183,443)	1,633,001,607
Total Capital Assets	1,604,663,697	91,389,563	(24,403,759)	1,671,649,501
Less: Accumulated Depreciation	993,505,603	75,029,307	(11,371,521)	1,057,163,389
Total Net Capital Assets	\$ 611,158,094	\$ 16,360,256	\$ (13,032,238)	\$ 614,486,112
TOTAL UAB				
Capital assets not being depreciated				
Land	\$ 107,888,715	\$ —	\$ (13,750)	\$ 107,874,965
Construction in progress	44,498,064	32,937,958	(30,756,853)	46,679,169
	152,386,779	32,937,958	(30,770,603)	154,554,134
Capital assets being depreciated				
Land Improvements	62,239,465	1,126,922	—	63,366,387
Buildings	2,785,719,299	63,479,701	(14,407,437)	2,834,791,563
Fixed Equipment Systems	99,616,819	527,645	—	100,144,464
Equipment	969,986,512	91,854,057	(18,588,206)	1,043,252,363
Library Materials	133,503,852	8,892,105	—	142,395,957
	4,051,065,947	165,880,430	(32,995,643)	4,183,950,734
Total Capital Assets	4,203,452,726	198,818,388	(63,766,246)	4,338,504,868
Less: Accumulated Depreciation	2,419,222,315	156,533,615	(25,412,578)	2,550,343,352
TOTAL NET CAPITAL ASSETS	\$ 1,784,230,411	\$ 42,284,773	\$ (38,353,668)	\$ 1,788,161,516

	BEGINNING BALANCE	ADDITIONS	SALES/ RETIREMENTS/ TRANSFERS	ENDING BALANCE
	October 1, 2019			September 30, 2020
UNIVERSITY AND BLENDED COMPONENT UNITS				
Capital assets not being depreciated				
Land	\$ 86,066,970	\$ 1,048,200	\$ (40,000)	\$ 87,075,170
Construction in progress	52,312,275	25,490,404	(47,475,578)	30,327,101
	138,379,245	26,538,604	(47,515,578)	117,402,271
Capital assets being depreciated				
Land Improvements	52,732,629	8,849,962	—	61,582,591
Buildings	1,694,240,428	111,536,098	(2,849,547)	1,802,926,979
Fixed Equipment Systems	88,599,723	799,254	—	89,398,977
Equipment	384,302,938	17,248,606	(7,577,185)	393,974,359
Library Materials	126,377,432	7,126,420	—	133,503,852
	2,346,253,150	145,560,340	(10,426,732)	2,481,386,758
Total Capital Assets	2,484,632,395	172,098,944	(57,942,310)	2,598,789,029
Less: Accumulated Depreciation	1,356,183,436	78,035,445	(8,502,169)	1,425,716,710
Total Net Capital Assets	\$ 1,128,448,959	\$ 94,063,499	\$ (49,440,141)	\$ 1,173,072,319
UNIVERSITY HOSPITAL				
Capital assets not being depreciated				
Land	\$ 20,813,545	\$ —	\$ —	\$ 20,813,545
Construction in progress	19,849,958	8,050,915	(13,729,910)	14,170,963
	40,663,503	8,050,915	(13,729,910)	34,984,508
Capital assets being depreciated				
Land Improvements	656,874	—	—	656,874
Buildings	953,749,732	29,042,588	—	982,792,320
Fixed Equipment Systems	10,217,842	—	—	10,217,842
Equipment	529,229,236	66,364,704	(19,581,787)	576,012,153
	1,493,853,684	95,407,292	(19,581,787)	1,569,679,189
Total Capital Assets	1,534,517,187	103,458,207	(33,311,697)	1,604,663,697
Less: Accumulated Depreciation	939,938,988	72,958,684	(19,392,069)	993,505,603
Total Net Capital Assets	\$ 594,578,199	\$ 30,499,523	\$ (13,919,628)	\$ 611,158,094
TOTAL UAB				
Capital assets not being depreciated				
Land	\$ 106,880,515	\$ 1,048,200	\$ (40,000)	\$ 107,888,715
Construction in progress	72,162,233	33,541,319	(61,205,488)	44,498,064
	179,042,748	34,589,519	(61,245,488)	152,386,779
Capital assets being depreciated				
Land Improvements	53,389,503	8,849,962	—	62,239,465
Buildings	2,647,990,160	140,578,686	(2,849,547)	2,785,719,299
Fixed Equipment Systems	98,817,565	799,254	—	99,616,819
Equipment	913,532,174	83,613,310	(27,158,972)	969,986,512
Library Materials	126,377,432	7,126,420	—	133,503,852
	3,840,106,834	240,967,632	(30,008,519)	4,051,065,947
Total Capital Assets	4,019,149,582	275,557,151	(91,254,007)	4,203,452,726
Less: Accumulated Depreciation	2,296,122,424	150,994,129	(27,894,238)	2,419,222,315
TOTAL NET CAPITAL ASSETS	\$ 1,723,027,158	\$ 124,563,022	\$ (63,359,769)	\$ 1,784,230,411

(7) Long-Term Debt

Long-term debt activity for the years ended September 30, 2021 and 2020 is summarized as follows:

	BEGINNING BALANCE	NEW DEBT	PRINCIPAL REPAYMENT	ENDING BALANCE	CURRENT PORTION
	October 1, 2020			September 30, 2021	
UNIVERSITY					
Direct Borrowings and Direct Placement Other					
Leases Payable, 2.25% to 3.99% due annually through 2024 and 4.47% due monthly through 2022	\$ 294,333	\$ 100,257	\$ 119,706	\$ 274,884	\$ 125,889
General Receipts Bonds					
Birmingham General Revenue Bonds Series 2005A, 3.0% to 5.0% due annually through 2021	3,390,000	—	3,390,000	—	—
Birmingham General Revenue Bonds Series 2010A, 2.0% to 5.0% due annually through 2025	10,080,000	—	1,895,000	8,185,000	1,950,000
Birmingham General Revenue Bonds Series 2010C, 2.0% to 5.0% due annually through 2025	7,150,000	—	1,645,000	5,505,000	1,700,000
Birmingham General Revenue Bonds Series 2013A-1, 1.1.% due annually through 2021	3,280,000	—	3,280,000	—	—
Birmingham General Revenue Bonds Series 2013A-2, 2.25% to 5.0% due annually from 2022 through 2044	72,595,000	—	—	72,595,000	3,320,000
Birmingham General Revenue Bonds Series 2013B, 1.99% due annually through 2030	27,245,000	—	3,205,000	24,040,000	3,270,000
Birmingham General Revenue Bonds Series 2013D-1, 1.97% due annually through 2024	9,415,000	—	2,285,000	7,130,000	2,330,000
Birmingham General Revenue Bonds Series 2013D-2, 4.0% to 5.0% due annually from 2025 through 2044	78,325,000	—	—	78,325,000	—
Birmingham General Revenue Bonds Series 2015A, 2.0% to 5.0% due annually through 2028	21,755,000	—	2,865,000	18,890,000	3,005,000
Birmingham General Revenue Bonds Series 2016A, 1.94% due annually from 2021 through 2027	24,495,000	—	3,300,000	21,195,000	3,365,000
Birmingham General Revenue Bonds Series 2016B, 4.0% to 5.0% due annually from 2028 through 2044	95,585,000	—	—	95,585,000	—
Birmingham General Revenue Bonds Series 2019A, 4.0% to 5.0% due annually from 2022 through 2030	24,775,000	—	—	24,775,000	1,135,000
Birmingham General Revenue Bonds Series 2019B, 3.0% to 5.0% due annually from 2031 through 2049	145,940,000	—	—	145,940,000	—
Birmingham General Revenue Bonds Series 2019C, 3.0% to 5.0% due annually from 2021 through 2041	39,820,000	—	1,325,000	38,495,000	1,410,000
Birmingham General Revenue Bonds Series 2019D, 2.15% to 4.0% due annually from 2021 through 2041	35,725,000	—	195,000	35,530,000	205,000
	\$ 599,869,333	\$ 100,257	\$ 23,504,706	\$ 576,464,884	\$ 21,815,889
Less (Plus): unamortized bond discount (premium)				(23,014,875)	—
TOTAL UNIVERSITY DEBT				\$ 599,479,759	\$ 21,815,889
UNIVERSITY HOSPITAL					
Direct Borrowings and Direct Placement Other					
Lease Payable, 2.0% to 3.5% due monthly through 2023	\$ 2,973,634	\$ —	\$ 1,512,694	\$ 1,460,940	\$ 1,386,568
Note payable UAB Health System, 3.0% to 5.0% due annually through 2048	75,754,420	17,654,000	1,413,277	91,995,143	1,464,525
General Receipts Bonds					
Birmingham Hospital Revenue Bonds Series 2012A, 2.57% due annually through 2027	10,626,000	—	1,400,000	9,226,000	1,437,000
UAB Medicine Financing Authority Revenue Bonds Series 2016A, 1.2% due annually through 2022	22,545,000	—	11,205,000	11,340,000	11,340,000
UAB Medicine Financing Authority Revenue Bonds Series 2016B, 3.125% to 5.0% due annually from 2023 through 2041	302,530,000	—	—	302,530,000	—
UAB Medicine Financing Authority Revenue Bonds Series 2017A, 2.13% due annually from 2025 through 2027	18,385,000	—	—	18,385,000	—
UAB Medicine Financing Authority Revenue Bonds Series 2017B, 3.0% to 5.0% due annually from 2028 through 2042	44,810,000	—	—	44,810,000	—
	\$ 477,624,054	\$ 17,654,000	\$ 15,530,971	\$ 479,747,083	\$ 15,628,093
Less (Plus): unamortized bond discount (premium)				(21,861,997)	—
TOTAL UNIVERSITY HOSPITAL DEBT				\$ 501,609,080	\$ 15,628,093
TOTAL UAB	\$1,077,493,387	\$ 17,754,257	\$ 39,035,677	\$ 1,056,211,967	\$ 37,443,982
Less (Plus): unamortized bond discount (premium)				(44,876,872)	—
TOTAL UAB DEBT				\$ 1,101,088,839	\$ 37,443,982

	BEGINNING BALANCE	NEW DEBT	PRINCIPAL REPAYMENT	ENDING BALANCE	CURRENT PORTION
	October 1, 2019			September 30, 2020	
UNIVERSITY					
Direct Borrowings and Direct Placement Other					
Leases Payable, 3.19% due annually through 2019 and 4.47% due monthly through 2021	\$ 345,339	\$ 109,947	\$ 160,953	\$ 294,333	\$ 97,295
General Receipts Bonds					
Birmingham General Revenue Bonds Series 2005A, 3.0% to 5.0% due annually through 2021	6,620,000	—	3,230,000	3,390,000	3,390,000
Birmingham General Revenue Bonds Series 2010A, 2.0% to 5.0% due annually through 2025	44,715,000	—	34,635,000	10,080,000	1,895,000
Birmingham General Revenue Bonds Series 2010B, 1.0% to 5.8% due annually through 2020	45,040,000	—	45,040,000	—	—
Birmingham General Revenue Bonds Series 2010C, 2.0% to 5.0% due annually through 2025	10,645,000	—	3,495,000	7,150,000	1,645,000
Birmingham General Revenue Bonds Series 2013A-1, 1.1% due annually through 2021	6,525,000	—	3,245,000	3,280,000	3,280,000
Birmingham General Revenue Bonds Series 2013A-2, 2.25% to 5.0% due annually from 2022 through 2044	72,595,000	—	—	72,595,000	—
Birmingham General Revenue Bonds Series 2013B, 1.99% due annually through 2030	30,380,000	—	3,135,000	27,245,000	3,205,000
Birmingham General Revenue Bonds Series 2013C, 1.0% to 1.45% due annually through 2020	525,000	—	525,000	—	—
Birmingham General Revenue Bonds Series 2013D-1, 1.97% due annually through 2024	11,655,000	—	2,240,000	9,415,000	2,285,000
Birmingham General Revenue Bonds Series 2013D-2, 4.0% to 5.0% due annually from 2025 through 2044	78,325,000	—	—	78,325,000	—
Birmingham General Revenue Bonds Series 2015A, 2.0% to 5.0% due annually through 2028	24,485,000	—	2,730,000	21,755,000	2,865,000
Birmingham General Revenue Bonds Series 2016A, 1.94% due annually from 2021 through 2027	24,495,000	—	—	24,495,000	3,300,000
Birmingham General Revenue Bonds Series 2016B, 4.0% to 5.0% due annually from 2028 through 2044	95,585,000	—	—	95,585,000	—
Birmingham General Revenue Bonds Series 2019A, 4.0% to 5.0% due annually from 2022 through 2030	24,775,000	—	—	24,775,000	—
Birmingham General Revenue Bonds Series 2019B, 3.0% to 5.0% due annually from 2031 through 2049	145,940,000	—	—	145,940,000	—
Birmingham General Revenue Bonds Series 2019C, 3.0% to 5.0% due annually from 2021 through 2041	—	39,820,000	—	39,820,000	1,325,000
Birmingham General Revenue Bonds Series 2019D, 2.15% to 4.0% due annually from 2021 through 2041	\$ —	35,725,000	—	35,725,000	195,000
	\$ 622,650,339	\$ 75,654,947	\$ 98,435,953	\$ 599,869,333	\$ 23,482,295
Less (Plus): unamortized bond discount (premium)				(25,215,240)	—
TOTAL UNIVERSITY DEBT				\$ 625,084,573	\$ 23,482,295
UNIVERSITY HOSPITAL					
Direct Borrowings and Direct Placement Other					
Lease Payable, 2.0% to 3.75% due monthly through 2020	\$ 4,564,178	\$ —	\$ 1,590,544	\$ 2,973,634	\$ 1,512,694
Note payable UAB Health System, 3.0% to 5.0% due annually through 2048	76,861,182	—	1,106,762	75,754,420	1,149,682
General Receipts Bonds					
Birmingham Hospital Revenue Bonds Series 2012A, 2.57% due annually through 2027	11,989,000	—	1,363,000	10,626,000	1,400,000
UAB Medicine Financing Authority Revenue Bonds Series 2016A, 1.2% due annually through 2022	33,620,000	—	11,075,000	22,545,000	11,205,000
UAB Medicine Financing Authority Revenue Bonds Series 2016B, 3.125% to 5.0% due annually from 2023 through 2041	302,530,000	—	—	302,530,000	—
UAB Medicine Financing Authority Revenue Bonds Series 2017A, 2.13% due annually from 2025 through 2027	18,385,000	—	—	18,385,000	—
UAB Medicine Financing Authority Revenue Bonds Series 2017B, 3.0% to 5.0% due annually from 2028 through 2042	44,810,000	—	—	44,810,000	—
	\$ 492,759,360	\$ —	\$ 15,135,306	\$ 477,624,054	\$ 15,267,376
Less (Plus): unamortized bond discount (premium)				(23,227,743)	—
TOTAL UNIVERSITY HOSPITAL DEBT				\$ 500,851,797	\$ 15,267,376
TOTAL UAB	\$1,115,409,699	\$ 75,654,947	\$ 113,571,259	\$1,077,493,387	\$ 38,749,671
Less (Plus): unamortized bond discount (premium)				(48,442,983)	—
TOTAL UAB DEBT				\$1,125,936,370	\$ 38,749,671

Maturities and interest on Direct Borrowings and Direct Placement Other and General Receipts Bonds for the next five years and in subsequent five-year incremental periods are presented in the table below:

Direct Borrowings and Direct Placement Other

Year	UNIVERSITY			UNIVERSITY HOSPITAL			TOTAL		
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2022	\$ 125,889	\$ 16,492	\$ 142,381	\$ 2,851,093	\$ 2,875,003	\$ 5,726,096	\$ 2,976,982	\$ 2,891,495	\$ 5,868,477
2023	97,879	8,858	106,737	1,535,936	2,824,803	4,360,739	1,633,815	2,833,661	4,467,476
2024	51,116	4,051	55,167	1,530,199	2,793,471	4,323,670	1,581,315	2,797,522	4,378,837
2025	—	—	—	1,641,755	2,760,647	4,402,402	1,641,755	2,760,647	4,402,402
2026	—	—	—	2,185,733	2,724,767	4,910,500	2,185,733	2,724,767	4,910,500
2027-2031	—	—	—	14,437,126	12,777,166	27,214,292	14,437,126	12,777,166	27,214,292
2032-2036	—	—	—	16,455,435	10,744,160	27,199,595	16,455,435	10,744,160	27,199,595
2037-2041	—	—	—	19,293,977	7,891,969	27,185,946	19,293,977	7,891,969	27,185,946
2042-2046	—	—	—	22,899,729	4,279,747	27,179,476	22,899,729	4,279,747	27,179,476
2047-2048	—	—	—	10,625,100	527,363	11,152,463	10,625,100	527,363	11,152,463
TOTAL	\$ 274,884	\$ 29,401	\$ 304,285	\$ 93,456,083	\$ 50,199,096	\$ 143,655,179	\$ 93,730,967	\$ 50,228,497	\$ 143,959,464

General Receipts Bonds

Year	UNIVERSITY			UNIVERSITY HOSPITAL			TOTAL		
	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total
2022	\$ 21,690,000	\$ 21,259,481	\$ 42,949,481	\$ 12,777,000	\$ 15,796,814	\$ 28,573,814	\$ 34,467,000	\$ 37,056,295	\$ 71,523,295
2023	22,575,000	20,504,443	43,079,443	10,276,000	15,623,289	25,899,289	32,851,000	36,127,732	68,978,732
2024	22,460,000	19,750,277	42,210,277	10,711,000	15,145,280	25,856,280	33,171,000	34,895,557	68,066,557
2025	23,565,000	19,013,850	42,578,850	11,347,000	14,636,516	25,983,516	34,912,000	33,650,366	68,562,366
2026	23,200,000	18,235,862	41,435,862	13,739,000	14,250,402	27,989,402	36,939,000	32,486,264	69,425,264
2027-2031	112,655,000	78,790,988	191,445,988	79,661,000	62,553,309	142,214,309	192,316,000	141,344,297	333,660,297
2032-2036	110,040,000	56,533,757	166,573,757	103,135,000	43,844,525	146,979,525	213,175,000	100,378,282	313,553,282
2037-2041	116,740,000	34,032,264	150,772,264	130,505,000	19,645,025	150,150,025	247,245,000	53,677,289	300,922,289
2042-2046	87,975,000	12,952,775	100,927,775	14,140,000	486,063	14,626,063	102,115,000	13,438,838	115,553,838
2047-2049	35,290,000	1,671,406	36,961,406	—	—	—	35,290,000	1,671,406	36,961,406
TOTAL	\$ 576,190,000	\$ 282,745,103	\$ 858,935,103	\$ 386,291,000	\$ 201,981,223	\$ 588,272,223	\$ 962,481,000	\$ 484,726,326	\$ 1,447,207,326

Pledged revenues for 2021 and 2020, as defined by the Series 2012A Hospital Revenue Trust Indenture, are as follows:

UNIVERSITY HOSPITAL BONDS

	2021	2020
Total pledged revenues	\$ 2,490,817,657	\$ 2,147,652,347

Pledged revenues for 2021 and 2020, as defined by the Series 2005A, 2010A, 2010B, 2010C, 2013A, 2013B, 2013C, 2013D, 2015A, 2016A, 2016B, 2019A and 2019B General Revenue Trust Indentures, are as follows:

UNIVERSITY BONDS

	2021	2020
Tuition fees	\$ 336,412,781	\$ 330,385,766
Indirect cost recovery	112,448,434	100,590,292
Sales and service of educational activities	67,666,602	59,351,275
Auxiliary sales and service	36,611,584	40,269,522
Endowment and investment income	33,944,327	36,426,430
Other sources	35,235,066	46,928,047
TOTAL PLEDGED REVENUES	\$ 622,318,794	\$ 613,951,332

The University defeased certain indebtedness during fiscal year 2020 with the 2019 Series C and D bond issuance. For this defeasance, funds were deposited in escrow trust accounts sufficient to provide for the subsequent payment of principal and interest on the defeased indebtedness. Under the trust agreements, funds deposited in the trust accounts were invested in obligations of the U.S. Government. The University estimates that the amounts on deposit will be sufficient to satisfy the debt service requirements on the defeased indebtedness and that the defeasance will result in lower overall debt service payments to the University. Should the amounts on deposit not be sufficient to retire the defeased indebtedness upon maturity, the University would be responsible to satisfy the shortfall. The University

remains legally obligated for the repayment of the defeased indebtedness. Neither the assets of the trust accounts nor the defeased indebtedness are included in the accompanying statements of net position. There was no principal outstanding on the 2019 defeased indebtedness at September 30, 2021. The principal outstanding on the 2019 defeased indebtedness at September 30, 2020 was approximately \$75.5 million.

The undiscounted cash flows required to service principal and interest under the old bonds as of September 30, 2020, would have been \$115.7 million compared to undiscounted cash flow requirements of \$105.1 million under the new bonds. The economic gain to the University of the bond refinancing in fiscal year 2020 was calculated to be approximately \$8.3 million using an effective interest rate of approximately 2.4% applied to the old and new bond cash flow requirements.

In November 2019, the University issued \$39.8 million and \$35.7 million in Series 2019C and Series 2019D General Revenue Bonds, respectively. The bonds pay interest at varying rates of 3.0% to 5.0% and 2.15% to 4.0%, respectively, with principal due annually through October 1, 2041. The proceeds of these offering are being used for the purposes of advance refunding Series 2010A, 2010B, and 2010C General Revenue Bonds; and paying costs and expenses associated with this issue. These bonds were issued at a premium of \$5.8 million resulting in total proceeds of \$81.4 million.

In June 2019, the University issued \$24.8 million in Series 2019A General Revenue Bonds. The bonds pay interest at a rate of 4.00% with principal due annually through October 1, 2029. In June 2019, the University issued \$145.9 million in Series 2019B General Revenue Bonds, \$75.1 million of which was in the form of Serial Bonds and \$71.9 million of which was in the form of Term Bonds. The bonds pay interest at varying rates of 3.0% to 5.0% with principal due annually through October 1, 2041 and October 1, 2048, respectively. The proceeds of both the Series 2019A and 2019B bonds will be used for the purposes of financing a portion of the cost of certain capital improvements to the UAB campus, as well as paying costs and expenses associated with this issue. These bonds were issued at a premium of \$16.4 million resulting in total cash received of \$187.1 million.

In June 2019, the UAB Medicine Finance Authority issued \$8.1 million in Series 2019A Revenue Bonds and \$103.3 million in Series 2019B Revenue Bonds, the proceeds of which were loaned to UAB Health System pursuant to Series 2019A and Series 2019B loan agreements. Concurrently, University Hospital entered into a loan agreement with UAB Health System for \$77 million of the 2019A and 2019B bond proceeds for the purpose of financing capital improvement projects. In January 2021, University Hospital borrowed an additional \$17.7 million of the 2019A and 2019B bond proceeds from UAB Health System. Of the total amount borrowed, \$42.5 million was distributed to University Hospital as of September 30, 2020 and September 30, 2021. As University Hospital is legally obligated to repay \$94.7 million and is currently paying principal and interest on this full amount, University Hospital has reflected the full \$94.7 million on its statement of net position as long-term debt and \$52.2 million as Due from affiliate on the statement of net position. University Hospital pays interest to UAB Health System on the entire amount, regardless of the amount outstanding. There are no financial covenants related to the loan between University Hospital and UAB Health System.

The UAB general revenue bonds and the Hospital Revenue Trust Indentures are subject to certain covenants with the most restrictive being those on the Hospital's 2012A series issuance. These covenants, among other things, require the University Hospital to ensure pledged revenues are sufficient for debt service coverage by a ratio of 1.1 times. UAB and the University Hospital are in compliance with all financial covenants as of September 30, 2021.

The UAB Medicine Financing Authority's Revenue Trust Indentures are also subject to certain covenants. These covenants require the obligated group to ensure pledged revenues are sufficient for debt service coverage by a ratio of 1.1 times. The obligated group is in compliance with all financial covenants as of September 30, 2021

(8) Self-Insurance

UAB manages risks related to medical malpractice, general liability, and employee health care through a combination of self-insurance, risk pooling arrangements, and commercial insurance coverage.

UAB's medical malpractice liability is managed by PLTF, a professional liability trust fund. PLTF functions as a risk-sharing vehicle for UAB and more than ten nongovernmental organizations. PLTF covers liabilities of the covered parties, including UAB, arising from reported claims, claims that are incurred but not reported, and future costs of handling these claims. The liabilities are generally based on present value actuarial valuations discounted at a rate of 4% in 2021 and 2020. The associated risks of claims are subject to aggregate limits, with excess liability coverage provided by independent insurers to protect participants against losses should a claim arise that exceeds PLTF coverage limits. Although UAB is the sponsor of PLTF, it is not the predominant participant in the fund.

The PLTF's policy committee establishes the premium rate of participants based on recommendations from consulting actuaries and considering the assumption of risk from the PLTF's date of inception. Premiums paid to the PLTF are provided by UAB, HSF, and other participants. In addition, certain legal and administrative services are provided to the PLTF by the University of Alabama System.

The PLTF agreement requires a flat \$15 million of all PLTF assets to be held in liquid assets. At September 30, 2021 and 2020, the liquid assets of the PLTF, as defined by the agreement, were in compliance with the agreement.

As discussed in Note 4, UAB accounts for its ownership of the PLTF under the equity method of accounting and it is not included in the table below.

General liability is subject to various claims and aggregate limits, with excess liability coverage provided by an independent insurer. General liability and employee health care claims and expenses are reported when it is probable that a loss has occurred and the amount of the loss can be reasonably estimated. Those losses include an estimate of claims that have been incurred but not reported and the future costs of handling claims. The liabilities are based on actuarial valuations and are reported at present value. The discount rate used for the general liability was 2% in both 2021 and 2020. Changes in the total self-insured liabilities for the years ended September 30, 2021 and 2020 are presented as follows for UAB:

SELF INSURED LIABILITIES	2021	2020
Balance, beginning of year	\$ 7,765,761	\$ 7,669,735
Claims incurred and changes in estimates	\$ 78,523,589	\$ 62,939,205
Claim payments	\$ (82,741,166)	\$ (62,843,179)
BALANCE, END OF YEAR	\$ 3,548,184	\$ 7,765,761

(9) Employee Benefits

Eligible employees of the University and University Hospital participate in the mandatory Teachers' Retirement System of Alabama ("TRS"), a cost sharing, multiple-employer public retirement system designated as a defined benefit plan. In addition, eligible employees may elect to participate in a voluntary 403(b) defined contribution retirement plan. Prior to fiscal year 2020, the plan offered to eligible employees a choice between two recordkeepers, Teachers Insurance and Annuity Association ("TIAA") and the Variable Annuity Life Insurance Company ("VALIC"). Effective in fiscal year 2020, the System, in conjunction with its participating universities and with the Board's approval, transitioned to a single recordkeeper with TIAA serving as sole-vendor for the plan.

Defined Benefit Plan - TRS

Plan Description. The TRS, a cost-sharing multiple-employer public employee retirement plan, was established as of September 15, 1939, pursuant to the Code of Alabama 1975, Title 16, Chapter 25 (Act 419 of the Legislature of 1939) for the purpose of providing retirement allowances and other specified benefits for qualified persons employed by State-supported educational institutions. The responsibility for the general administration and operation of the TRS is vested in its Board of Control which consists of 15 trustees. The plan is administered by the Retirement Systems of Alabama ("RSA"). The Code of Alabama 1975, Title 16, Chapter 25 grants the authority to establish and amend the benefit terms to the TRS Board of Control. The Plan issues a publicly available financial report that can be obtained at www.rsa-al.gov.

Benefits provided. State law establishes retirement benefits as well as death and disability benefits and any ad hoc increase in postretirement benefits for the TRS. Benefits for TRS members vest after 10 years of creditable service. TRS members who retire after age 60 with 10 years or more of creditable service or with 25 years of service (regardless of age) are entitled to an annual retirement benefit, payable monthly for life. Service and disability retirement benefits are based on a guaranteed minimum or a formula method, with the member receiving payment under the method that yields the highest monthly benefit. Under the formula method, members of the TRS are allowed 2.0125% of their average final compensation (highest 3 of the last 10 years) for each year of service.

Act 377 of the Legislature of 2012 established a new tier of benefits (Tier 2) for members hired on or after January 1, 2013. Tier 2 TRS members are eligible for retirement after age 62 with 10 years or more of creditable service and are entitled to an annual retirement benefit, payable monthly for life. Service and disability retirement benefits are based on

a guaranteed minimum or a formula method, with the member receiving payment under the method that yields the highest monthly benefit. Under the formula method, Tier 2 members of the TRS are allowed 1.65% of their average final compensation (highest 5 of the last 10 years) for each year of service. Members are eligible for disability retirement if they have 10 years of credible service, are currently in-service, and determined by the RSA Medical Board to be permanently incapacitated from further performance of duty. Preretirement death benefits equal to the annual earnable compensation of the member as reported to the Plan for the preceding year ending June 30 are paid to a qualified beneficiary.

Contributions. Covered members of the TRS contributed 5% of earnable compensation to the TRS as required by statute until September 30, 2011. From October 1, 2011, to September 30, 2012, covered members of the TRS were required by statute to contribute 7.25% of earnable compensation. Effective October 1, 2012, covered members of the TRS are required by statute to contribute 7.50% of earnable compensation. Certified law enforcement, correctional officers, and firefighters of the TRS contributed 6% of earnable compensation as required by statute until September 30, 2011. From October 1, 2011, to September 30, 2012, certified law enforcement, correctional officers, and firefighters of the TRS were required by statute to contribute 8.25% of earnable compensation. Effective October 1, 2012, certified law enforcement, correctional officers, and firefighters of the TRS are required by statute to contribute 8.50% of earnable compensation.

Tier 2 covered members of the TRS contribute 6% of earnable compensation to the TRS as required by statute. Tier 2 certified law enforcement, correctional officers, and firefighters of the TRS are required by statute to contribute 7% of earnable compensation.

UAB's contractually required contribution rate for the year ended September 30, 2021 was 12.36% of annual pay for Tier 1 members and 11.22% of annual pay for Tier 2 members. UAB's contribution rate for the year ended September 30, 2020 was 12.43% of annual pay for Tier 1 members and 11.34% of annual pay for Tier 2 members.

These required contribution rates are a percent of annual payroll, actuarially determined as an amount that, when combined with member contributions, is expected to finance the costs of benefits earned by members during the year, with an additional amount to finance any unfunded accrued liability. The total contribution requirement for fiscal years 2021, 2020 and 2019 is as follows:

	2021	2020	2019
Employer Contributions	\$ 96,839,000	\$ 98,485,000	\$ 97,824,000
Employee Contributions	57,052,000	57,688,000	57,345,000
TOTAL CONTRIBUTIONS	\$ 153,891,000	\$ 156,173,000	\$ 155,169,000

Pensionable salaries and wages for covered employees participating in TRS were approximately \$947.5 million during fiscal year 2021 and \$946.1 million during fiscal year 2020.

Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions. At September 30, 2021 and September 30, 2020, the financial statements of UAB reflected a liability of \$1.41 billion and \$1.25 billion, respectively, for its proportionate share of the collective net pension liability, as prescribed by GASB 68. At September 30, 2021, the collective net pension liability was measured as of September 30, 2020 and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of September 30, 2019. UAB's proportion of the collective net pension liability was based on the employers' shares of contributions to the pension plan relative to the total employer contributions of all participating TRS employers. At September 30, 2020, UAB's proportion was 11.43%, which was an increase of 0.16% from its proportion measured as of September 30, 2019. At September 30, 2019, UAB's proportion was 11.26%, which was a decrease of 0.49% from its proportion measured as of September 30, 2018.

For the years ended September 30, 2021 and September 30, 2020, UAB recognized pension expense of \$132.5 million and \$112.2 million, respectively. At September 30, 2021 and 2020, UAB reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

2021	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 69,947,000	\$ 24,511,000
Changes of assumptions	14,700,000	—
Net difference between projected and actual earnings on pension plan investments	104,961,000	—
Changes in proportion and differences between Employer contributions and proportionate share of contributions	13,898,000	34,807,000
Employer contributions subsequent to the measurement date	96,839,000	—
TOTAL	\$ 300,345,000	\$ 59,318,000

2020	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 18,408,000	\$ 41,292,000
Changes of assumptions	38,360,000	—
Net difference between projected and actual earnings on pension plan investments	43,354,000	—
Changes in proportion and differences between Employer contributions and proportionate share of contributions	—	48,878,000
Employer contributions subsequent to the measurement date	98,485,000	—
TOTAL	\$ 198,607,000	\$ 90,170,000

\$96.8 million reported as deferred outflows of resources related to pensions resulting from UAB contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ending September 30, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense (income) as follows:

Years ending September 30:

2022	\$	22,649,000
2023		44,522,000
2024		48,038,000
2025		28,979,000
2026		—
Thereafter		—

Actuarial assumptions. The total pension liability as of September 30, 2020 was determined by an actuarial valuation as of September 30, 2019 using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.75%
Investment rate of return*	7.70%
Projected salary increases	3.25 - 5.00%

*Net of pension plan investment expense

The actuarial assumptions used in the actuarial valuation as of September 30, 2019, were based on the results of an investigation of the economic and demographic experience for the TRS based upon participant data as of September 30, 2015. The Board of Control accepted and approved these changes in September 2016 which became effective the beginning of fiscal year 2016.

Mortality rates for TRS were based on the RP-2000 White Collar Mortality Table projected to 2020 using scale BB and adjusted 115% for males and 112% for females age 78 and older.

The long-term expected rate of return on pension plan investments was determined using a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce

the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target asset allocation and best estimates of geometric real rates of return for each major asset class are as follows:

	Target Allocation	Long-Term Expected Rate of Return*
Fixed Income	17.00 %	4.40 %
U.S. Large Stocks	32.00 %	8.00 %
U.S. Mid Stocks	9.00 %	10.00 %
U.S. Small Stocks	4.00 %	11.00 %
International Developed Market Stocks	12.00 %	9.50 %
International Emerging Market Stocks	3.00 %	11.00 %
Alternatives	10.00 %	10.10 %
Real Estate	10.00 %	7.50 %
Cash	3.00 %	1.50 %
TOTAL	100.00 %	

*Includes assumed rate of inflation of 2.50%

Discount rate. The discount rate used to measure the total pension liability was 7.70%. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that the employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, components of the pension plan's fiduciary net position were projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of UAB's proportionate share of the net pension liability to changes in the discount rate. The following table reflects UAB's proportionate share of the net pension liability, as prescribed by GASB 68, calculated using the discount rate of 7.70%, as well as what UAB's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.70%) or 1-percentage-point higher (8.70%) than the current rate:

	1% Decrease	Current Rate	1% Increase
UAB's proportionate share of collective net pension liability	\$ 1,885,647,000	\$ 1,413,306,000	\$ 1,013,651,000

Pension plan fiduciary net position. Detailed information about the pension plan's fiduciary net position is available in the separately issued RSA Comprehensive Annual Report for the fiscal year ended September 30, 2020. The supporting actuarial information is included in the GASB Statement No. 67 Report for the TRS prepared as of September 30, 2020. The auditor's report on the Schedule of Employer Allocation and Pension Amounts by Employer and accompanying note detail by employer and in aggregate information needed to comply with GASB 68. The additional financial and actuarial information is available at <http://www.rsa-al.gov/index.php/employers/financial-reports/gasb-68-reports/>

Other Retirement Plans

As previously noted, certain employees also participate in a voluntary 403(b) plan, which is a defined contribution plan. In defined contribution plans, benefits depend solely on amounts contributed plus investment earnings. All full-time regular monthly employees are eligible to participate from the date of employment. UAB contributes a matching amount of up to 5% of total salaries for participating employees. UAB's contribution is funded as it accrues and, along with that of the employee, is immediately and fully vested. The contributions for fiscal years 2021 and 2020, excluding employee amounts not eligible for matching, were approximately \$68.9 million and \$64.1 million, which included approximately \$34.5 million and \$32.0 million each from UAB and its employees, respectively.

The LLC sponsors a voluntary 403(b) retirement plan for eligible employees. The 403(b) plan is a voluntary, defined-contribution, tax-deferred as well as Roth after tax plan governed by Internal Revenue Code 403(b). TIAA is the administrator for the voluntary retirement program. Employees are vested after 3 years of employment. Eligibility for matching is for all full-time and part-time regular, twelve-hour shift, and weekend staff employees.

In fiscal year 2020, employer matching contributions in the voluntary 403(b) Plan (inclusive of The University of Alabama, The University of Alabama at Birmingham, The University of Alabama in Huntsville, and the UA System

Office), and the UAB Hospital Management, LLC 403(b) Plan were temporarily suspended for the period of May 2020 through September 2020. The suspension was due to uncertainty concerning the potential financial impacts of the COVID-19 Pandemic and was a joint management decision by Senior Administration of the UA System and each University

The University, the University Hospital, LLC and UABRF total salaries and wages for fiscal years 2021 and 2020 were approximately \$1.40 billion and \$1.33 billion, respectively. Total salaries and wages during fiscal years 2021 and 2020 for covered employees participating in TRS were approximately \$815.5 million and \$816.8 million, respectively. Total salaries and wages during fiscal years 2021 and 2020 for covered employees participating in the 403(b) Plan were approximately \$760.7 million and \$710.1 million, respectively.

Triton sponsors a 401(k) plan covering substantially all employees who have completed at least six months of service. Information regarding this benefit is presented in Triton's annual report.

Compensated Absences

Certain UAB employees accumulate vacation and sick leave at varying rates depending upon their years of continuous service and their payroll classification, subject to maximum limitations. Upon termination of employment, employees are paid unused accrued vacation at their regular rate of pay up to a designated maximum number of days.

In accordance with GASB Statement No. 16, *Accounting for Compensated Absences*, the financial statements include accruals of approximately \$84 million and \$78 million as of September 30, 2021 and 2020, respectively, for accrued vacation pay and salary-related payments associated with vacation pay. There is no such accrual recognized for sick leave benefits because there is no terminal cash benefit available to employees for accumulated sick leave.

(10) Post-Employment Benefits

UAB offers other postemployment health care benefits ("OPEB") to all employees who officially retire from UAB. Health care benefits are offered through the Alabama Retired Education Employees Health Care Trust Plan with TRS or certain retired employees may elect to continue to participate in UAB's group health plan until they are eligible for Medicare by paying the full cost of the plan premium. TRS offers health care benefits through a cost-sharing multiple-employer defined benefit health care plan administered by the Public Education Employee Health Insurance Plan ("PEEHIP"). Retired employees age sixty-five or older who are eligible for Medicare must enroll in the Medicare Coordinated Plan under which Medicare is the primary insurer and UAB's health care plan becomes the secondary insurer. Despite the availability of the UAB plan, most retirees elect to participate in the PEEHIP with TRS, in which case the retirees pay a portion of the PEEHIP premium, with UAB paying an allocation towards the cost of retiree coverage.

Certain retirees may also elect to continue their basic term life insurance coverage and accidental death and dismemberment insurance up to certain maximum amounts. The retirees pay the full amount of the premiums in such cases. Retirees are not eligible for tuition assistance benefits themselves. However, their unmarried dependent children may qualify in some cases.

PEEHIP

Plan description. The Alabama Retired Education Employees' Health Care Trust (the "Trust") is a cost-sharing multiple-employer defined benefit postemployment healthcare plan that administers healthcare benefits to the retirees of participating state and local educational institutions. The Trust was established under the Alabama Retiree Health Care Funding Act of 2007 which authorized and directed the Public Education Employees' Health Insurance Board ("PEEHI Board") to create an irrevocable trust to fund postemployment healthcare benefits to retirees participating in PEEHIP. Active and retiree health insurance benefits are paid through the PEEHIP. In accordance with GASB, the Trust is considered a component unit of the State of Alabama (the "State") and is included in the State's Annual Financial Report.

The PEEHIP was established in 1983 pursuant to the provisions of the *Code of Alabama 1975, Title 16, Chapter 25A (Act 83-455)* to provide a uniform plan of health insurance for active and retired employees of state and local educational institutions which provide instruction at any combination of grades K-14 (collectively, eligible employees), and to provide a method for funding the benefits related to the plan. The four-year universities participate in the plan with respect to their retired employees, and are eligible and may elect to participate in the plan with respect to their active employees. Responsibility for the establishment of the health insurance plan and its general administration and operations is vested in the PEEHI Board. The PEEHI Board is a corporate body for purposes of management of the health insurance plan. The *Code of Alabama 1975, Section 16-25A-4* provides the PEEHI Board with the authority to amend the benefit

provisions in order to provide reasonable assurance of stability in future years for the plan. All assets of the PEEHIP are held in trust for the payment of health insurance benefits. The Teachers' Retirement System of Alabama ("TRS") has been appointed as the administrator of the PEEHIP and, consequently, serves as the administrator of the Trust.

Benefits provided. PEEHIP offers a basic hospital medical plan to active members and non-Medicare eligible retirees. Benefits include inpatient hospitalization for a maximum of 365 days without a dollar limit, inpatient rehabilitation, outpatient care, physician services, and prescription drugs.

Active employees and non-Medicare eligible retirees who do not have Medicare eligible dependents can enroll in a health maintenance organization (HMO) in lieu of the basic hospital medical plan. The HMO includes hospital medical benefits, dental benefits, vision benefits, and an extensive formulary. However, participants in the HMO are required to receive care from a participating physician in the HMO plan.

The PEEHIP offers four optional plans (Hospital Indemnity, Cancer, Dental, and Vision) that may be selected in addition to or in lieu of the basic hospital medical plan or HMO. The Hospital Indemnity Plan provides a per-day benefit for hospital confinement, maternity, intensive care, cancer, and convalescent care. The Cancer Plan covers cancer disease only and benefits are provided regardless of other insurance. Coverage includes a per-day benefit for each hospital confinement related to cancer. The Dental Plan covers diagnostic and preventative services, as well as basic and major dental services. Diagnostic and preventative services include oral examinations, teeth cleaning, x-rays, and emergency office visits. Basic and major services include fillings, general aesthetics, oral surgery not covered under a Group Medical Program, periodontics, endodontics, dentures, bridgework, and crowns. Dental services are subject to a maximum of \$1,250 per year for individual coverage and \$1,000 per person per year for family coverage. The Vision Plan covers annual eye examinations, eye glasses, and contact lens prescriptions.

PEEHIP members may opt to elect the PEEHIP Supplemental Plan as their hospital medical coverage in lieu of the PEEHIP Hospital Medical Plan. The PEEHIP Supplemental Plan provides secondary benefits to the member's primary plan provided by another employer. Only active and non-Medicare retiree members and dependents are eligible for the PEEHIP Supplemental Plan. There is no premium required for this plan, and the plan covers most out-of-pocket expenses not covered by the primary plan. The plan cannot be used as a supplement to Medicare, the PEEHIP Hospital Medical Plan, or the State or Local Governmental Plans administered by the State Employees' Insurance Board (the "SEIB").

Effective January 1, 2020, Medicare eligible members and Medicare eligible dependents who are covered on a retiree contract were enrolled in the Humana Group Medicare Advantage plan for PEEHIP. The plan is fully insured, and members are able to have all of their Medicare Part A (hospital insurance), Part B (medical insurance), and Part D (prescription drug coverage) in one convenient plan. Retirees can continue to see their same providers with no interruption and see any doctor who accepts Medicare on a national basis. Members have the same benefits in and out-of-network and there is no additional retiree cost share if a retiree uses an out-of-network provider and no balance billing from the provider.

Contributions. The *Code of Alabama 1975, Section 16-25A-8* and the *Code of Alabama 1975, Section, 16-25A-8.1* provide the Board with the authority to set the contribution requirements for plan members and the authority to set the employer contribution requirements for each required class, respectively. Additionally, the Board is required to certify to the Governor and the Legislature, the amount, as a monthly premium per active employee, necessary to fund the coverage of active and retired member benefits for the following fiscal year. The Legislature then sets the premium rate in the annual appropriation bill.

For employees who retired after September 30, 2005, but before January 1, 2012, the employer contribution of the health insurance premium set forth by the Board for each retiree class is reduced by 2% for each year of service less than 25 and increased by 2% percent for each year of service over 25 subject to adjustment by the Board for changes in Medicare premium costs required to be paid by a retiree. In no case does the employer contribution of the health insurance premium exceed 100% of the total health insurance premium cost for the retiree.

For employees who retired after December 31, 2011, the employer contribution to the health insurance premium set forth by the Board for each retiree class is reduced by 4% for each year of service less than 25 and increased by 2% for each year over 25, subject to adjustment by the Board for changes in Medicare premium costs required to be paid by a retiree. In no case does the employer contribution of the health insurance premium exceed 100% of the total health insurance premium cost for the retiree. For employees who retired after December 31, 2011, who are not covered by Medicare, regardless of years of service, the employer contribution to the health insurance premium set forth by the Board for each retiree class is reduced by a percentage equal to 1% multiplied by the difference between the Medicare entitlement age and the age of the employee at the time of retirement as determined by the Board. This reduction in the employer contribution ceases upon notification to the Board of the attainment of Medicare coverage.

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB. At September 30, 2021 and 2020, the financial statements of UAB reflected a liability of \$680.4 million and \$265.2 million, respectively for its proportionate share of the net OPEB liability, as prescribed by GASB 75. The net OPEB liability was measured as of September 30, 2020 and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of September 30, 2019. UAB's proportion of the net OPEB liability was based on a projection of UAB's share of contributions to the OPEB plan relative to the projected contributions of all participating PEEHIP employers, actuarially determined. At September 30, 2020, UAB's proportion was 10.48%, which was an increase of 3.46% from its proportion measured as of September 30, 2019.

For the years ended September 30, 2021 and 2020, UAB recognized an OPEB expense of \$26.2 million and an OPEB benefit of \$24.5 million, respectively with no special funding situations. At September 30, 2021 and 2020, UAB reported deferred outflows of resources and deferred inflows of resources related to the PEEHIP plan from the following sources:

2021	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 17,255,266	\$ 244,631,528
Changes of assumptions	237,669,500	126,349,962
Net difference between projected and actual earnings on OPEB plan investments	—	28,691
Changes in proportion and differences between Employer contributions and proportionate share of contributions	275,052,969	84,816,231
Employer contributions subsequent to the measurement date	18,240,187	—
TOTAL	\$ 548,217,922	\$ 455,826,412

2020	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ 8,780,366	\$ 203,329,026
Changes of assumptions	12,677,222	109,839,367
Net difference between projected and actual earnings on OPEB plan investments	547,032	—
Changes in proportion and differences between Employer contributions and proportionate share of contributions	62,695,436	107,161,311
Employer contributions subsequent to the measurement date	20,775,402	—
TOTAL	\$ 105,475,458	\$ 420,329,704

\$18.2 million reported as deferred outflows of resources related to OPEB resulting from UAB's contributions subsequent to the measurement date will be recognized as a reduction of the net OPEB liability in the year ending September 30, 2022. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Years ending September 30:		
2022	\$	(8,872,627)
2023		(7,836,120)
2024		(10,500,464)
2025		(11,690,510)
2026		67,235,113
Thereafter		45,815,931

Actuarial assumptions. The total OPEB liability for the PEEHIP was determined by an actuarial valuation as of September 30, 2019, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.75%
Projected Salary Increase ¹	3.25% - 5.00%
Long-Term Investment Rate of Return ²	7.25%
Municipal Bond Index Rate at the Measurement	2.25%
Municipal Bond Index Rate at the Prior	3.00%
Projected Year for Fiduciary Net Position (FNP) to be	2040
Single Equivalent Interest Rate the Measurement	3.05%
Single Equivalent Interest Rate the Prior	5.50%
Healthcare Cost Trend Rate	
Pre-Medicare Eligible	6.75%
Medicare Eligible	**
Ultimate Trend Rate	
Pre-Medicare Eligible	4.75% in 2027
Medicare Eligible	4.75% in 2024

¹Includes 3.00% wage inflation.

²Compounded annually, net of investment expense, and includes inflation.

**Initial Medicare claims are set based on scheduled increases through plan year 2022.

Mortality rates for the period after service retirement to the RP-2000 White Collar Mortality Table projected to 2020 using scale BB and adjusted 115% for all ages for males and 112% for ages 78 and over for females. The rates of disabled mortality were based on the RP-2000 Disabled Mortality Table projected to 2020 using scale BB and adjusted 105% for males and 120% for females.

The decremental assumptions used in the valuation were selected based on the actuarial experience study prepared as of September 30, 2015, submitted to and adopted by the Teachers' Retirement System of Alabama Board on September 13, 2016.

The remaining actuarial assumptions (e.g., initial per capita costs, health care cost trends, rate of plan participation, rates of plan election, etc.) were based on the September 30, 2019 valuation.

The long-term expected return on plan assets is to be reviewed as part of regular experience studies prepared every five years, in conjunction with similar analysis for the Teachers' Retirement System of Alabama. Several factors should be considered in evaluating the long-term rate of return assumption, including long-term historical data, estimates inherent in current market data, and a log-normal distribution analysis in which best-estimate ranges of expected future real rates of return (expected return, net of investment expense and inflation), as developed for each major asset class. These ranges should be combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and then adding expected inflation. The assumption is intended to be a long-term assumption and is not expected to change absent a significant change in the asset allocation, a change in the inflation assumption, or a fundamental change in the market that alters expected returns in future years.

The long-term expected rate of return on the OPEB plan investments is determined based on the allocation of assets by asset class and by the mean and variance of real returns. The target asset allocation and best estimates of expected geometric real rates of return for each major asset class is summarized below:

	Target Allocation	Long-Term Expected Real Rate of Return*
Fixed Income	30.00 %	4.40 %
U.S. Large Stocks	38.00 %	8.00 %
U.S. Mid Stocks	8.00 %	10.00 %
U.S. Small Stocks	4.00 %	11.00 %
International Developed Market Stocks	15.00 %	9.50 %
Cash	5.00 %	1.50 %
TOTAL	100.00 %	

* Geometric mean, includes 2.5% inflation

Discount Rate. The discount rate (also known as the Single Equivalent Interest Rate (SEIR), as described by GASB 74) used to measure the PEEHIP total OPEB liability at September 30, 2020 was 3.05%. The discount rate used to measure the total OPEB liability at the prior measurement date was 5.50%. Premiums paid to the Public Education Employees' Health Insurance Board for active employees shall include an amount to partially fund the cost of coverage for retired employees. The projection of cash flows used to determine the discount rate assumed that plan contributions will be made at the current contribution rates. Each year, the State specifies the monthly employer rate that participating school systems must contribute for each active employee. Approximately, 14.802% of the employer contributions were used to assist in funding retiree benefit payments in 2020. It is assumed that the 14.802% will increase at the same rate as expected benefit payments for the closed group until reaching an employer rate of 20.000%, at which point this amount will increase by 1.00% in subsequent years. The discount rate determination will use a municipal bond rate to the extent the trust is projected to run out of money before all benefits are paid. Therefore, the projected future benefit payments for all current plan members were projected through 2118. The long-term rate of return is used until the assets are expected to be depleted in 2040, after which the municipal bond rate is used.

Sensitivity of the UAB's proportionate share of the net OPEB liability to changes in the healthcare cost trend rates.

The following table reflects UAB's proportionate share of the net OPEB liability of the Trust, as prescribed by GASB 75, calculated using the current healthcare trend rate, as well as what the net OPEB liability would be if calculated using 1-percentage-point lower or 1-percentage-point higher than the current rate. A 1-percentage-point decrease would change the current healthcare trend rate from 6.75% to 5.75%, the pre-Medicare from 4.75% to 3.75%, the Medicare eligible from 4.75% to 3.75%. A 1-percentage-point increase would change the current healthcare trend rate from 6.75% to 7.75%, the pre-Medicare from 4.75% to 5.75%, the Medicare eligible from 4.75% to 5.75%.

	<u>1% Decrease</u>	<u>Current Healthcare Trend Rate</u>	<u>1% Increase</u>
UAB's proportionate share of the collective net OPEB liability	\$ 537,883,539	\$ 680,431,790	\$ 865,981,167

The following table reflects UAB's proportionate share of the net OPEB liability of the Trust, as prescribed by GASB 75, calculated using the discount rate of 3.05%, as well as what the net OPEB liability would be if calculated using 1-percentage-point lower or 1-percentage-point higher than the current rate:

	<u>2.05%</u>	<u>3.05%</u>	<u>4.05%</u>
UAB's proportionate share of the collective net OPEB liability	\$ 834,584,896	\$ 680,431,790	\$ 558,000,835

OPEB plan fiduciary net position. Detailed information about the OPEB plan's fiduciary net position is located in the Trust's financial statements for the fiscal year ended September 30, 2020. The supporting actuarial information is included in the GASB Statement No. 74 Report for PEEHIP prepared as of September 30, 2020. Additional financial and actuarial information is available at www.rsa-al.gov.

UAB Plan

Plan description. The UAB plan is considered a single-employer plan which is administered by University of Alabama at Birmingham ("UAB"). The UAB Plan offers its members hospital benefits, major medical benefits, a prescription drug program and a basic term life insurance up to an established maximum policy limit. The health care benefits cover medical and hospitalization costs for retirees and their dependents. The portion of the UAB plan related to health care may be amended by the approval of the President of UAB upon recommendation from the Benefits Committee. The portion of the UAB plan related to the life insurance may be amended by the System.

Benefits provided. UAB employees can participate in the UAB plan as a retiree if the following condition are met; retiree has 25 years of creditable service, regardless of age (Tier I only), or retiree has 10 years of service and is 60 years old (62 years old for Tier II), or retiree has 10 years of service and is determined disabled by the Social Security Administration or the Teachers' Retirement System of Alabama's Medical Board. These retired UAB employees may elect to continue to participate in UAB Plan until they are eligible for Medicare by paying the full cost of the plan premium. Retired employees age 65 or older who are eligible for Medicare must enroll in the Medicare Coordinated Plan under which Medicare is the primary insurer and UAB Plan becomes the secondary insurer. Despite the availability of the UAB Plan, most retirees elect to participate in the PEEHIP with TRS. The UAB Plan consists of hospital benefits, major medical benefits, a prescription drug program and a basic term life insurance up to an established maximum policy limit.

Employees included in the actuarial valuation include active employees, retirees and disabled employees enrolled in the medical plan and retirees not enrolled in the medical plan with retiree life insurance. The following table summarizes the membership of the UAB Plan as of September 30, 2020, the Valuation Date.

Membership:	2021
Inactive Employees or Beneficiaries Currently Receiving Benefits	238
Inactive Members Entitled To But Not Yet Receiving Benefits	—
Active Employees	10,824
TOTAL MEMBERSHIP	11,062

Contributions. UAB retired employees make contributions to the plan by making premium payments associated with their selected health plan option. Eligible disabled retirees are responsible for only the employee portion of those premiums and UAB is responsible for the employer portion. All other UAB retirees are responsible for the full premium cost of the plan and in no case does the employer contribute to the plan.

OPEB Liabilities, OPEB Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB. At September 30, 2021 and 2020, UAB reported a total OPEB liability ("TOL") of \$5.3 million and \$6.3 million, respectively. The TOL is based upon an Entry Age Normal ("EAN") actuarial funding method as of the valuation date, September 30, 2019. Since the valuation date at which the TOL is determined is before the measurement date, the TOL must be rolled forward to the measurement date.

For the years ended September 30, 2021 and 2020, UAB recognized an OPEB benefit of \$1,240,589 and \$644,580, respectively with no special funding situations. At September 30, 2021 and 2020, UAB reported deferred outflows of resources and deferred inflows of resources related to the UAB plan from the following sources:

2021	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ —	\$ 5,668,729
Changes of assumptions	75,946	4,632,413
Employer contributions subsequent to the measurement period	1,895,059	—
TOTAL	\$ 1,971,005	\$ 10,301,142

2020	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ —	\$ 6,076,784
Changes of assumptions	—	5,360,627
Employer contributions subsequent to the measurement period	1,411,559	—
TOTAL	\$ 1,411,559	\$ 11,437,411

Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year ended September 30:		
2021	\$	(1,563,353)
2022		(1,563,353)
2023		(1,563,353)
2024		(1,563,353)
2025		(1,550,356)
Thereafter		(2,421,428)

Actuarial assumptions. The total OPEB liability for the UAB Plan was determined by an actuarial valuation as of September 30, 2019, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.75 %
Real Wage Growth	0.25 %
Projected Salary Increases ¹	3.25% - 5.00%
Wage inflation.	3.00 %
Municipal Bond Index Rate at the Measurement Date	2.25 %
Municipal Bond Index Rate at the Prior Measurement Date	2.66 %
Healthcare Cost Trend Rate	
Pre-Medicare Medical and Prescription Drug (decreasing to an ultimate rate of 4.75% by 2027)	6.75 %

¹Includes 3.00% wage inflation.

Mortality rates for the period after service retirement for the UAB plan are according to the RP-2000 White Collar Mortality Table projected to 2020 using scale BB and adjusted 115% for all ages for males and 112% for ages 78 and over for females. The rates of disabled mortality were based on the RP-2000 Disabled Mortality Table projected to 2020 using scale BB and adjusted 105% for males and 120% for females.

The demographic actuarial assumptions for retirement, disability incidence, withdrawal, and salary increases used in the September 30, 2019 valuation were based on the actuarial experience study prepared as of September 30, 2015, submitted to and adopted by the Teachers' Retirement System of Alabama Board on September 13, 2016.

The remaining actuarial assumptions (e.g., initial per capita costs, health care cost trends, rate of plan participation, rates of plan election, etc.) used in the September 30, 2019 valuation were based on a review of recent plan experience performed concurrently with the September 30, 2019 valuation.

The UAB Plan does not hold any plan assets, as such, there are no long-term expected rate of return or target allocation presented.

Discount Rate. The discount rate, as defined by Paragraph 155 of GASB 75 is to be a 20-year tax-exempt municipal bond (rating AA/Aa or higher) rate (Municipal Bond Index Rate) The Municipal Bond Index Rate used for this purpose is the average of the Bond Buyer General Obligation 20-year Municipal Bond Index, the Fidelity General Obligation AA 20-year Municipal Bond Index, and the S&P High Grade 20-year Municipal Bond Index. The rates as of September 30, 2020 were 2.21%, 2.41%, and 2.14% for the Bond Buyer, Fidelity, and S&P Municipal Bond Indices respectively. These three rates resulted in an averaged Municipal Bond Index Rate of 2.25%. This is a change from the Municipal Bond Index Rate of 2.66% as of the Prior Measurement Date, which used a single source from the Bond Buyer (www.bondbuyer.com).

Sensitivity of the UAB Plan's net OPEB liability to changes in the healthcare cost trend rates. The following table presents the total OPEB Liability of the UAB Plan, calculated using the current healthcare trend rate, as well as what the total OPEB Liability would be if calculated using 1-percentage-point lower or 1-percentage-point higher than the current rate. A 1-percent-point decrease would change the current healthcare trend rate from 6.75% to 5.75% and pre-Medicare from 4.75% to 3.75%. A 1-percent-point increase would change the current healthcare trend rate from 6.75% to 7.75% and the pre-Medicare from 4.75% to 5.75%.

	<u>1% Decrease</u>	<u>Current Healthcare Trend Rate</u>	<u>1% Increase</u>
UAB's total OPEB liability	\$ 5,132,275	\$ 5,280,513	\$ 5,437,514

The following table presents the total OPEB Liability of the UAB Plan, calculated using the discount rate of 2.25%, as well as what the total OPEB liability would be if calculated using 1-percentage-point lower or 1-percentage-point higher than the current rate:

	<u>1.25%</u>	<u>2.25%</u>	<u>3.25%</u>
UAB's total OPEB liability	\$ 5,499,885	\$ 5,280,513	\$ 5,075,331

Changes in the Total OPEB Liability. Since the UAB Plan does not meet the definition within paragraph 4 of GASB Statement No 75, UAB is disclosing a schedule of changes in the total OPEB liability below:

	2021
Total OPEB Liability as of September 30, 2020	\$ 6,251,332
Changes for the year:	
Service cost	168,931
Interest on TOL and cash flows	153,833
Changes in benefit terms	—
Difference between expected and actual experience	(436,896)
Changes of assumptions or other inputs	85,758
Benefit payments	(942,445)
Net changes	\$ (970,819)
Total OPEB Liability as of September 30, 2021	\$ 5,280,513

**The service cost include interest for the year.*

(11) Federal Direct Student Loan Program

The Federal Direct Student Loan Program ("FDSLPL") was established under the Higher Education Act of 1965, as amended in the Student Loan Reform Act of 1993. The FDSLPL enables an eligible student or parent to obtain a loan to pay for the student's cost of attendance directly through the university rather than through private lenders. UAB began participation in the FDSLPL on July 1, 1994. As a university qualified to originate loans, UAB is responsible for handling the complete loan process, including funds management, as well as promissory note functions. UAB is not responsible for collection of these loans. During the years ended September 30, 2021 and 2020, UAB disbursed approximately \$163.2 million and \$166.6 million, respectively, under the FDSLPL.

(12) Grants and Contracts

At September 30, 2021 and 2020, UAB had been awarded approximately \$907.5 million and \$703.1 million, respectively, in grants and contracts which have not been expended. These awards, which represent commitments of sponsors to provide funds for specific research, training, and service projects, have not been reflected in the financial statements.

(13) Operating Expenses by Function

Total operating expenses by functional classification for the years ended September 30, 2021 and 2020 are as follows for UAB:

2021 Operating Expenses

(by functional classification)

	Salaries, Wages, and Benefits	Supplies and Services	Depreciation and Amortization	Scholarships and Fellowships	Total
Instruction	\$ 259,960,374	\$ 33,060,944	\$ —	\$ —	\$ 293,021,318
Research	206,051,685	132,301,420	—	—	338,353,105
Public service	113,748,440	68,723,953	—	—	182,472,393
Academic support	161,076,915	8,826,999	—	—	169,903,914
Student services	29,096,394	10,491,179	—	—	39,587,573
Institutional support	129,108,352	111,476,998	—	—	240,585,350
Operations and maintenance of plant	41,346,247	31,906,518	—	—	73,252,765
Scholarships and fellowships	—	—	—	55,053,095	55,053,095
University Hospital	951,567,782	1,109,083,108	—	—	2,060,650,890
Auxiliary	71,672,708	668,172,085	—	—	739,844,793
Depreciation	—	—	156,533,614	—	156,533,614
TOTAL OPERATING EXPENSES	\$ 1,963,628,897	\$ 2,174,043,204	\$ 156,533,614	\$ 55,053,095	\$ 4,349,258,810

2020 Operating Expenses

(by functional classification)

	Salaries, Wages, and Benefits	Supplies and Services	Depreciation and Amortization	Scholarships and Fellowships	Total
Instruction	\$ 248,045,998	\$ 35,951,295	\$ —	\$ —	\$ 283,997,293
Research	181,566,808	112,611,840	—	—	294,178,648
Public service	109,176,136	58,006,813	—	—	167,182,949
Academic support	158,931,068	13,366,872	—	—	172,297,940
Student services	27,963,265	10,844,232	—	—	38,807,497
Institutional support	95,295,882	122,914,000	—	—	218,209,882
Operations and maintenance of plant	36,974,761	31,733,410	—	—	68,708,171
Scholarships and fellowships	—	—	—	35,285,313	35,285,313
University Hospital	836,833,734	963,286,381	—	—	1,800,120,115
Auxiliary	71,257,173	652,837,364	—	—	724,094,537
Depreciation	—	—	150,994,130	—	150,994,130
TOTAL OPERATING EXPENSES	\$ 1,766,044,825	\$ 2,001,552,207	\$ 150,994,130	\$ 35,285,313	\$ 3,953,876,475

(14) Contingencies and Commitments

UAB has sovereign immunity and is, therefore, in the opinion of UAB counsel, immune to ordinary tort actions including those based on medical malpractice or general injury to patients. Consequently, while UAB is sometimes named as defendant in malpractice actions and other actions for injuries arising in the University Hospital, it has consistently been dismissed from those lawsuits on the basis of the sovereign immunity doctrine. That doctrine also protects UAB from vicarious liability arising from the negligence of its employees. To the extent that UAB employees are sued in their individual capacity for actions related to their official duties within the line and scope of their employment, UAB has defended those actions and paid for any resulting costs through its self-insured trust fund. While UAB is not aware of any impending threat to this doctrine, UAB is a named insured under the terms of the PLTF and excess insurance purchased from commercial companies (Note 8). There are some exceptions to the sovereign immunity doctrine, most notably federal court cases arising under the federal constitution or federal statutes.

UAB is engaged in various legal actions in the ordinary course of business. Management does not believe the ultimate outcome of these actions will have a material adverse effect on the financial statements. However, the settlement of legal actions is subject to inherent uncertainties and it is possible that such outcomes could differ materially from management's current expectations.

Amounts received or receivable from grantor agencies are subject to audit and adjustments by such agencies, principally the United States Government. Any disallowed claims, including amounts already collected, may constitute a liability of UAB. The amount, if any, of expenditures that may be disallowed by the grantor cannot be determined at this time, although UAB expects any such amounts to be immaterial.

UAB has contracted for the construction and renovation of several facilities. At September 30, 2021 and 2020, the estimated remaining cost to complete the construction and renovation of these facilities was approximately \$293 million and \$165 million, respectively, which is expected to be financed from private gifts, grants, bond proceeds, and UAB reserves.

(15) Segment Reporting

As discussed in Note 1, UAB's two significant identifiable activities that have bonds outstanding where revenue is pledged in support of the bonds are the University and the University Hospital. Condensed financial statement information related to the University and University Hospital as of and for the years ended September 30, 2021 and 2020 is as follows:

UNIVERSITY	2021	2020
CONDENSED STATEMENTS OF NET POSITION		
Current assets	\$ 987,138,944	\$ 836,713,735
Capital assets, net	1,170,350,281	1,168,528,126
Other assets	1,139,082,387	874,816,846
TOTAL ASSETS	\$ 3,296,571,612	\$ 2,880,058,707
DEFERRED OUTFLOW OF RESOURCES	\$ 562,409,447	\$ 211,159,055
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	\$ 3,858,981,059	\$ 3,091,217,762
Current liabilities	325,135,087	349,237,084
Long-term debt	577,663,870	601,602,280
Other noncurrent liabilities	1,373,463,571	991,756,471
TOTAL LIABILITIES	\$ 2,276,262,528	\$ 1,942,595,835
DEFERRED INFLOW OF RESOURCES	\$ 318,523,939	\$ 319,605,203
Net investment in capital assets	608,224,952	609,155,955
Restricted nonexpendable	390,565,083	405,387,849
Restricted expendable	548,697,797	305,788,404
Unrestricted	(283,293,240)	(491,315,484)
TOTAL NET POSITION	\$ 1,264,194,592	\$ 829,016,724
TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION	\$ 3,858,981,059	\$ 3,091,217,762

UNIVERSITY

	2021	2020
CONDENSED STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION		
Tuition and fees, net	\$ 243,476,387	\$ 244,929,737
Grant and contract revenue	526,727,010	483,921,581
Sales and services, educational	67,666,602	59,351,275
Other operating revenues	71,846,650	87,197,569
Salaries, wages, and benefits	(955,714,291)	(877,227,836)
Supplies and services	(417,106,329)	(408,331,442)
Depreciation	(80,221,836)	(76,748,607)
Scholarships and fellowships	(55,047,847)	(35,276,313)
OPERATING LOSS	(598,373,653)	(522,184,036)
State appropriations	276,997,252	270,077,351
Investment income	307,137,486	2,940,208
Interest expense	(17,114,882)	(22,083,632)
Gifts	57,336,704	15,640,326
Other nonoperating revenues	115,065,144	61,156,771
INCOME (LOSS) BEFORE OTHER CHANGES IN NET POSITION	141,048,051	(194,453,012)
Capital gifts and grants	1,645,260	1,854,223
State capital funds	3,610,767	—
Endowment gifts	33,163,130	17,755,898
Intergovernmental transfers	255,710,660	194,127,825
INCREASE IN NET POSITION	435,177,868	19,284,934
Net position, beginning of year	829,016,724	809,731,790
NET POSITION, END OF YEAR	\$ 1,264,194,592	\$ 829,016,724

UNIVERSITY

	2021	2020
CONDENSED STATEMENTS OF CASH FLOWS		
Net cash provided by (used in):		
Operating activities	\$ (508,645,596)	\$ (428,799,771)
Noncapital financing activities	737,375,180	570,845,198
Investing activities	(55,038,798)	(28,338,182)
Capital and related financing activities	(123,157,539)	(167,695,054)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	50,533,247	(53,987,809)
Cash and cash equivalents, beginning of year	164,957,059	218,944,868
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 215,490,306	\$ 164,957,059

UNIVERSITY HOSPITAL**CONDENSED STATEMENTS OF NET POSITION**

	2021	2020
Current assets	\$ 1,520,821,759	\$ 1,374,342,040
Capital assets, net	614,486,113	611,158,094
Other assets	858,068,604	621,138,676
TOTAL ASSETS	\$ 2,993,376,476	\$ 2,606,638,810
DEFERRED OUTFLOW OF RESOURCES	\$ 300,205,570	\$ 107,671,675
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	\$ 3,293,582,046	\$ 2,714,310,485
Current liabilities	392,305,418	381,660,778
Long-term debt	485,980,987	485,584,419
Other noncurrent liabilities	754,073,771	555,745,556
TOTAL LIABILITIES	\$ 1,632,360,176	\$ 1,422,990,753
DEFERRED INFLOW OF RESOURCES	\$ 206,921,616	\$ 202,331,913
Net investment in capital assets	175,035,236	155,581,621
Restricted nonexpendable	128,099	128,099
Restricted expendable	40,600,146	35,958,408
Unrestricted	1,238,536,773	897,319,691
TOTAL NET POSITION	\$ 1,454,300,254	\$ 1,088,987,819
TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION	\$ 3,293,582,046	\$ 2,714,310,485

UNIVERSITY HOSPITAL**CONDENSED STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION**

	2021	2020
Operating revenues	\$ 2,472,630,202	\$ 2,109,843,405
Operating expenses	(2,060,744,108)	(1,800,229,075)
Depreciation expense	(75,029,306)	(72,958,684)
OPERATING INCOME	336,856,788	236,655,646
Economic relief funds	412,719	71,281,071
State appropriations	37,955,804	36,887,361
Investment income	241,041,041	2,225,634
Interest expense	(18,165,739)	(18,042,761)
Gifts	104,779	495,224
Other nonoperating expenses	(327,872)	(176,882)
INCOME BEFORE OTHER CHANGES IN NET POSITION	597,877,520	92,669,647
Intergovernmental transfers	(232,565,085)	(191,732,311)
INCREASE IN NET POSITION	365,312,435	137,592,982
Net position, beginning of year	1,088,987,819	951,394,837
NET POSITION, END OF YEAR	\$ 1,454,300,254	\$ 1,088,987,819

UNIVERSITY HOSPITAL**CONDENSED STATEMENTS OF CASH FLOWS**

	2021	2020
Net cash provided by (used in):		
Operating activities	343,851,057	482,366,417
Noncapital financing activities	(190,862,468)	(87,024,110)
Investing activities	(289,430,880)	(41,132,386)
Capital and related financing activities	(116,498,135)	(108,557,784)
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	(252,940,426)	245,652,137
Cash and cash equivalents, beginning of year	334,173,935	88,521,798
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 81,233,509	\$ 334,173,935

(16) Health Care Services

Net Patient Service Revenue

The University Hospital has agreements with governmental and other third-party payors that provide for reimbursement to the University Hospital at amounts different from its established rates. Contractual adjustments under third-party reimbursement programs represent the difference between the University Hospital's billings at established rates for services and amounts reimbursed by third-party payors. A summary of the basis of reimbursement with major third-party payors follows:

Medicare. Substantially all acute-care services rendered to Medicare program beneficiaries are paid at prospectively determined rates. These rates vary according to the patient classification systems that are based on clinical, diagnostic, and other factors. Additionally, the University Hospital is reimbursed for both its direct and indirect medical education costs (as defined), principally based on per-resident prospective payment amounts and certain adjustments to prospective rate-per-discharge operating reimbursement payments. The University Hospital generally is reimbursed for certain retroactively settled items at tentative rates, with final settlement determined after submission of annual cost reports by the University Hospital and audits by the Medicare fiscal intermediary. The University Hospital's cost reports have been audited and settled for all fiscal years through 2012. Revenue from the Medicare program accounted for approximately 18% and 20% of the University Hospital's net patient service revenue for the years ended September 30, 2021 and 2020, respectively.

Section 302 of the Tax Relief and Health Care Act of 2006 authorized a permanent program involving the use of third-party recovery audit contractors (RACs) to identify Medicare overpayments and underpayments made to providers. As of September 30, 2021, the University Hospital reported claims in various stages of review based on the requests received by the RACs during the fiscal year. Payment recoveries resulting from RAC reviews are appealable through administrative and judicial processes, and the University Hospital intends to pursue the reversal of adverse determinations, where appropriate. The University Hospital cannot predict with certainty the impact of the Medicare RAC program on our future results of operations or cash flows.

Blue Cross. Inpatient services rendered to Blue Cross subscribers are paid at a prospectively determined per diem rate. Outpatient services are reimbursed at a prospectively determined rate or under a cost reimbursement methodology. The method of reimbursement is determined by the procedures that are performed. For outpatient services reimbursed under the cost reimbursement methodology, a final settlement is determined after submission of annual cost reports by the University Hospital and audits thereof by Blue Cross. The University Hospital's Blue Cross cost reports have been audited and settled for all fiscal years through 2016. Effective December 1, 2016 Blue Cross outpatient services began being reimbursed under the Enhanced Ambulatory Payment Group (EAPG) methodology. This is a prospective payment methodology with no retroactive settlement. Revenue from the Blue Cross program accounted for approximately 35% and 33% of the University Hospital's net patient service revenue for the years ended September 30, 2021 and 2020, respectively.

Medicaid. Inpatient services rendered to Medicaid program beneficiaries are reimbursed at all-inclusive prospectively determined per diem rates. Outpatient services are reimbursed based on an established fee schedule. The University Hospital is designated as a Disproportionate Share Hospital (DSH) and receives payments under the Medicaid DSH program. In addition, as a participant in the Alabama Medicaid Plan, the University Hospital also receives supplemental payments based on formulas established by the Alabama Medicaid Agency. The net benefit associated with the University Hospital's participation in these programs, totaling approximately \$168.2 million and \$103.1 million in 2021 and 2020, respectively, is included in net patient service revenue in the accompanying statement of revenues, expenses and changes in net position. There can be no assurance that the University Hospital will continue to qualify for future participation in these programs or that the programs will not ultimately be discontinued or materially modified. Revenue from the Medicaid program accounted for approximately 16% and 15% of the University Hospital's net patient service revenue for the years ended September 30, 2021 and 2020, respectively.

Other. The University Hospital has also entered into payment agreements with certain commercial insurance carriers, health maintenance organizations, and preferred provider organizations. The basis for payments to the University Hospital under these agreements includes discounts from established charges and prospectively determined daily and case rates. The composition of University Hospital operating revenue follows:

	2021	2020
Gross Patient Service Revenue	\$ 9,562,939,692	\$ 8,092,812,292
Less Provision for Contractual and Other Adjustments	(7,196,037,301)	(6,120,310,515)
Less Provision for Bad Debts	(248,640,077)	(187,887,453)
Net Patient Service Revenue	\$ 2,118,262,314	\$ 1,784,614,324
Capitation Revenue	79,939,250	82,320,021
Other Operating Revenue	274,428,638	242,909,060
TOTAL UNIVERSITY HOSPITAL SALES REVENUE	\$ 2,472,630,202	\$ 2,109,843,405

Charity Care

The University Hospital maintains records to identify and monitor the level of charity care it provides. These records include the amount of charges foregone for services and supplies furnished under its charity care policy, the estimated costs of those services, and supplies and equivalent service statistics.

The estimated cost of charity care provided during the years ended September 30, 2021 and 2020 was approximately \$36.6 million and \$35.2 million, respectively, calculated based on the ratio of total direct and indirect costs to establish charges applied to the charges foregone under the charity care policy.

	2021	2020
Approximate charges foregone, based on established rates	\$ 137,442,012	\$ 128,828,588
Percentage of charity charges to total charges	1.4%	1.6%

Credit Risk

The University Hospital grants credit without collateral to its patients, most of whom are local residents and are insured under third-party payor agreements. The mix of receivables from patients and third-party payors at September 30, 2021 and 2020 follows:

	2021	2020
Other	43%	43%
Blue Cross	40%	35%
Medicare	11%	15%
Medicaid	6%	7%
	100%	100%

Related Parties

The University Hospital and the other divisions of UAB provide a variety of support services to each other. The cost of these services is allocated to the end user on bases which vary according to the service being furnished. These services are paid for by transfers of funds which reduce operating expenses of the unit providing the service and are included in the operating costs of the unit receiving the service. Administrative and purchased services provided by UAB and allocated to and reimbursed by the University Hospital during the years ended September 30, 2021 and 2020 were approximately \$36.1 million and \$37.3 million, respectively. In addition, during the years ended September 30, 2021 and 2020, the University Hospital transferred approximately \$232.6 million and \$191.7 million, respectively, to UAB to support UAB's academic and medical programs.

As noted in footnote 7, In June 2019, the UAB Medicine Finance Authority issued \$8.1 million in Series 2019A Revenue Bonds and \$103.4 million in Series 2019B Revenue Bonds, the proceeds of which were loaned to UAB Health System pursuant to Series 2019A and Series 2019B loan agreements. Concurrently, University Hospital entered into a loan agreement with UAB Health System for \$77.0 million of the 2019A and 2019B bond proceeds for the purpose of financing capital improvement projects. In January 2021, University Hospital borrowed an additional \$17.7 million of the 2019A and 2019B bond proceeds from UAB Health System. Of the total amount borrowed, \$42.5 million was distributed to University Hospital as of September 30, 2020 and September 30, 2021. As University Hospital is legally obligated to repay \$94.7 million and is currently paying principal and interest on this full amount, University Hospital has reflected the full \$94.7 million on its statement of net position as long-term debt and \$52.2 million as Due from affiliate on the statement of net position. University Hospital pays interest to UAB Health System on the entire amount, regardless of the amount outstanding. There are no financial covenants related to the loan between University Hospital and UAB Health System.

During 2008, the University Hospital entered into an operating agreement with HSF whereby HSF would lease two floors of the Women and Infants Center (“WIC”). HSF reimbursed the University Hospital for construction costs of this space as they were incurred on a square-footage basis. Total reimbursements are being amortized as rent revenue on a straight-line basis over a period equal to the 90 year total lease term, commencing on February 22, 2010, the date the building was placed into service. The University Hospital had received reimbursements from HSF totaling approximately \$14.7 million in 2021 and 2020, of which approximately \$12.6 million and \$12.8 million respectively, is included in the accompanying statement of net position as unearned revenue-other for the years ended September 30, 2021 and 2020, respectively.

The Board and the HSF’s board have entered into an agreement under which UAB and HSF have established a common management group, the UAB Health System (Health System), to provide management for their existing and future health care delivery operations.

In connection with its agreement with the Health System, the University Hospital partially funded the operations of the Health System and its corporate office, charging approximately \$17.4 million and \$14.8 million to other operating expense in fiscal year 2021 and 2020, respectively. In addition, the Health System periodically makes payments on behalf of the University Hospital for which it is reimbursed. The University Hospital had a net payable to the Health System of approximately \$6.9 million and \$9.8 million at September 30, 2021 and 2020, respectively. University Hospital also made equity transfers of approximately \$86.9 million and \$86.8 million to the Health System during fiscal year 2021 and 2020, respectively.

In March 2014, the University Hospital assumed operations of the outpatient clinics in The Kirklin Clinic and entered into an agreement with HSF to lease the land and the building known as The Kirklin Clinic. The initial term of the lease, which is cancellable by either party upon proper written notice and without penalty, is five years, with automatic one-year renewals thereafter.

VF’s primary purpose is to provide a group medical practice for physicians who are faculty members in the UAB School of Medicine Huntsville program. It is governed by a 17-member board of directors, consisting of three nonvoting members and 14 voting members, of whom seven are affiliated with UAB.

The University Hospital received premium revenue (capitation fees) of approximately \$80 million and \$82 million from Triton during the years ended September 30, 2021 and 2020, respectively.

The University Hospital purchased \$550 million and \$458 million in management, administrative, and staffing services from the LLC during the years ended September 30, 2021 and 2020, respectively. Payment for contract labor as reported on the Statements of Cash Flows includes amounts paid to employees of the LLC and HSF.

(17) Recently Issued Pronouncements

The GASB issued Statement No. 87, *Leases*, in June 2017. The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. This statement is effective for reporting periods beginning after June 15, 2021. UAB anticipates that the adoption of GASB 87 will have a material impact on the financial statements.

The GASB issued Statement No. 90, *Majority Equity Interest - An Amendment of GASB Statements No. 14 and No. 61*, in August 2018. The primary objectives of this Statement are to improve the consistency and comparability of reporting a government’s majority equity interest in a legally separate organization and to improve the relevance of financial statement information for certain component units. This statement is effective for reporting periods beginning after December 15, 2019. UAB has determined there was no material impact from its adoption of GASB 90.

The GASB issued Statement No. 91, *Conduit Debt Obligations*, in May 2019. The objectives of this Statement are to provide a single method of reporting conduit debt obligations by issuers and eliminate diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. This statement is effective for reporting periods beginning after December 15, 2021. UAB has determined there will be no material impact from its adoption of GASB 91.

The GASB issued Statement No. 92, *Omnibus 2020, in January 2020*. The objectives of this Statement are to enhance comparability in accounting and financial reporting and to improve the consistency of authoritative literature by addressing practice issues that have been identified during implementation and application of certain GASB

Statements. The statement is effective for reporting periods beginning after June 15, 2021. UAB has determined there will be no material impact from its adoption of GASB 92.

The GASB issued Statement No. 93, *Replacement of Interbank Offered Rates*, in March 2020. The objective of this Statement is to address those and other accounting and financial reporting implications that result from the replacement of the IBOR. The requirements of this Statement, except for paragraphs 11b, 13, and 14 are effective for reporting periods beginning after June 15, 2020. The requirement in paragraph 11b is effective for reporting periods ending after December 31, 2021. The requirements in paragraphs 13 and 14 are effective for fiscal years periods beginning after June 15, 2021, and all reporting periods thereafter. UAB has determined there was no material impact from its adoption of the portions of GASB 93 which were effective for reporting periods beginning after June 15, 2020, and there will be no material impact from its adoption of the portions of the Statement effective for reporting periods beginning after June 15, 2021 and December 31, 2021.

The GASB issued Statement No. 94, *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*, in March 2020. The objective of this Statement is to improve financial reporting by addressing issues related to public-private partnership arrangements. This Statement also provides guidance for accounting and financial reporting for availability payment arrangements. The statement is effective for reporting periods beginning after June 15, 2022. UAB has determined there will be no material impact from its adoption of GASB 94.

The GASB issued Statement No. 95, *Postponement of the Effective Dates of Certain Authoritative Guidance*, in May 2020. The objective of this Statement is to provide temporary relief to governments and other stakeholders in light of the COVID-19 pandemic. That objective is accomplished by postponing the effective dates of certain provisions in Statements 83 - 93. The effective dates disclosed above have been adjusted to reflect this deferral. UAB will apply the GASB 95 postponement of effective dates.

The GASB issued Statement No. 96, *Subscription-Based Information Technology Arrangements*, in May 2020. The objective of this Statement is to provide guidance on the accounting and financial reporting for subscription-based information technology arrangements for government end users. The statement is effective for reporting periods beginning after June 15, 2022. UAB is evaluating whether there will be any material impact from its adoption of GASB 96.

The GASB issued Statement No. 97, *Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans* - an amendment of GASB Statements No. 14 and No. 84, and a supersession of GASB Statement No. 32, in June 2020. The primary objectives of this Statement are to (1) increase consistency and comparability related to the reporting of fiduciary component units in circumstances in which a potential component unit does not have a governing board and the primary government performs the duties that a governing board typically would perform; (2) mitigate costs associated with the reporting of certain defined contribution pension plans, defined contribution other postemployment benefit (OPEB) plans, and employee benefit plans other than pension plans or OPEB plans (other employee benefit plans) as fiduciary component units in fiduciary fund financial statements; and (3) enhance the relevance, consistency, and comparability of the accounting and financial reporting for Internal Revenue Code (IRC) Section 457 deferred compensation plans (Section 457 plans) that meet the definition of a pension plan and for benefits provided through those plans. The requirements in (1) paragraph 4 of this Statement as it applies to defined contribution pension plans, defined contribution OPEB plans, and other employee benefit plans and (2) paragraph 5 of this Statement are effective immediately. All other requirements of this Statement are effective for reporting periods beginning after June 15, 2021. UAB has determined there was no material impact from its adoption of the portions of GASB 97 which were effective immediately, and there will be no material impact from its adoption of the portions of this Statement effective for reporting periods beginning after June 15, 2021.

The GASB issued Statement No. 98, *The Annual Comprehensive Financial Report*, in October 2021. This Statement establishes the term annual comprehensive financial report and its acronym ACFR. That new term and acronym replace instances of comprehensive annual financial report and its acronym in generally accepted accounting principles for state and local governments. The requirements of this Statement are effective for fiscal years ending after December 15, 2021. UAB's early adoption of GASB 98 during fiscal year 2021 had no material impact on its financial statements.

The University of Alabama at Birmingham Required Supplementary Information (Unaudited)

The following required supplementary information relates to UAB's participation in the Teachers' Retirement System of Alabama. (Dollars in thousands)

Schedule of UAB's Proportionate Share of the Net Pension Liability Teachers' Retirement Plan of Alabama

	2021	2020	2019	2018	2017	2016	2015
Employer's proportion of the net pension liability	11.425593 %	11.260686 %	11.750518 %	11.814264 %	11.863961 %	11.916376 %	12.188512 %
Employer's proportionate share of the collective net pension liability	\$ 1,413,306	\$ 1,245,083	\$ 1,168,305	\$ 1,161,162	\$ 1,284,396	\$ 1,247,128	\$ 1,107,275
Employer's covered payroll during the measurement period	\$ 946,085	\$ 940,203	\$ 916,059	\$ 901,338	\$ 876,899	\$ 864,300	\$ 880,666
Employer's proportionate share of the collective net pension liability as a percentage of its covered payroll	149.38 %	132.43 %	127.54 %	128.83 %	146.47 %	144.29 %	125.73 %
Plan fiduciary net position as a percentage of the total collective pension liability	67.72 %	69.85 %	72.29 %	71.50 %	67.93 %	67.51 %	71.01 %

Schedule of UAB's Contributions Teachers' Retirement Plan of Alabama

	2021	2020	2019	2018	2017	2016	2015
Contractually required contribution	\$ 96,839	\$ 98,485	\$ 94,900	\$ 91,228	\$ 88,660	\$ 86,334	\$ 84,999
Contributions in relation to the contractually required contribution	\$ 96,839	\$ 98,485	\$ 94,900	\$ 91,228	\$ 88,660	\$ 86,334	\$ 84,999
Contribution deficiency (excess)	—	—	—	—	—	—	—
Employer's covered payroll	\$ 947,482	\$ 946,085	\$ 940,203	\$ 916,059	\$ 901,338	\$ 876,899	\$ 864,300
Contributions as a percentage of covered payroll	10.22%	10.41%	10.09%	9.96%	9.84%	9.85%	9.83%

Notes to Schedules

Employer's covered payroll: The payroll on which contributions to a pension plan are based.

Measurement period:

For fiscal year 2021, the measurement period is October 1, 2019 – September 30, 2020

For fiscal year 2020, the measurement period is October 1, 2018 – September 30, 2019

For fiscal year 2019, the measurement period is October 1, 2017 – September 30, 2018

For fiscal year 2018, the measurement period is October 1, 2016 – September 30, 2017

For fiscal year 2017, the measurement period is October 1, 2015 – September 30, 2016

For fiscal year 2016, the measurement period is October 1, 2014 – September 30, 2015

For fiscal year 2015, the measurement period is October 1, 2013 – September 30, 2014

The University of Alabama at Birmingham Required Supplementary Information (Unaudited)

The following required supplementary information related to UAB's participation in the Alabama Retired Education Employees' Health Care Trust (PEEHIP).

Schedule of UAB's Proportionate Share of the Net OPEB Liability Alabama Retired Education Employees' Health Care Trust (PEEHIP)

	2021	2020	2019	2018
Employers' proportion of the net OPEB liability	10.484536 %	7.028808 %	8.029386 %	8.670675 %
Employer's proportionate share of the net OPEB liability	\$ 680,431,790	\$ 265,180,609	\$ 659,913,266	\$ 644,008,211
Employer's covered payroll during the measurement period	\$ 951,987,983	\$ 911,573,992	\$ 922,919,000	\$ 908,353,000
Employer's covered payroll OPEB liability (asset) as a percentage of its covered payroll	71.47 %	29.09 %	71.50 %	70.90 %
Plan fiduciary net position as a percentage of the total OPEB liability	19.80 %	28.14 %	14.81 %	15.37 %

Schedule of UAB's Contributions to the Alabama Retired Education Employees' Health Care Trust (PEEHIP)

	2021	2020	2019	2018
Contractually required contribution	\$ 18,240,187	\$ 20,775,402	\$ 19,976,210	\$ 19,713,541
Contributions in relation to the contractually required contribution	\$ 18,240,187	\$ 20,775,402	\$ 19,976,210	\$ 19,713,541
Contribution deficiency (excess)	—	—	—	—
Employer's covered payroll	\$ 955,043,349	\$ 951,987,983	\$ 911,573,992	\$ 922,919,000
Contributions as a percentage of covered payroll	1.91 %	2.18 %	2.19 %	2.14 %

Notes to Schedules

Employer's covered payroll: The payroll on which contributions to an OPEB plan are based.

Measurement period:

For fiscal year 2021, the measurement period is October 1, 2019 – September 30, 2020

For fiscal year 2020, the measurement period is October 1, 2018 – September 30, 2019

For fiscal year 2019, the measurement period is October 1, 2017 – September 30, 2018

For fiscal year 2018, the measurement period is October 1, 2016 – September 30, 2017

The University of Alabama at Birmingham Required Supplementary Information (Unaudited)

The following required supplementary information is related to the UAB Health Care Plan.

Schedule of Change in UAB Health Care Plan's Total OPEB Liability

	2021	2020	2019	2018
Total OPEB Liability	\$ 6,251,332	\$ 17,698,575	\$ 20,320,823	\$ 26,032,496
Service cost*	168,931	169,614	168,312	6,230,996
Interest on TOL and cash flows	153,833	708,983	691,351	690,596
Changes in benefit terms	—	—	—	(6,710,449)
Difference between expected and actual experience	(436,896)	(6,173,296)	(787,087)	—
Changes of assumptions or other inputs	85,758	(4,662,781)	(767,436)	(961,631)
Benefit payments	(942,445)	(1,489,763)	(1,927,388)	(4,961,185)
Net changes in Total OPEB Liability	(970,819)	(11,447,243)	\$ (2,622,248)	\$ (5,711,673)
Total OPEB Liability - Beginning	\$ 6,251,332	\$ 17,698,575	\$ 20,320,823	\$ 26,032,496
Total OPEB Liability - Ending	\$ 5,280,513	\$ 6,251,332	\$ 17,698,575	\$ 20,320,823
Covered payroll	\$ 951,987,983	\$ 911,573,992	\$ 922,919,000	\$ 908,353,000
Total OPEB Liability as a percentage of covered-employee payroll	0.55 %	0.69 %	1.92 %	2.24 %

*The service cost include interest for the year.

Notes to Schedules

Employer's covered payroll: The payroll on which contributions to an OPEB plan are based.

Measurement period:

For fiscal year 2021, the measurement period is October 1, 2019 – September 30, 2020

For fiscal year 2020, the measurement period is October 1, 2018 – September 30, 2019

For fiscal year 2019, the measurement period is October 1, 2017 – September 30, 2018

For fiscal year 2018, the measurement period is October 1, 2016 – September 30, 2017

The University of Alabama at Birmingham Administration

As of September 30, 2021



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As of September 30, 2021

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