



University of Kentucky A Component Unit of the Commonwealth of Kentucky

Single Audit Reports and Schedule of Expenditures of Federal Awards

Year Ended June 30, 2023



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University of Kentucky

Schedule of Expenditures of Federal Awards

Fiscal Period July 1, 2022 to June 30, 2023

Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total	
OFFICE OF NATIONAL DRUG CONTROL POLICY	OFFICE OF NATIONAL DRUG CONTROL POLICY CONTRACT	07.U01	SUB00003486	UNIVERSITY OF FLORIDA	SUB00003486	N/A		\$15,000	\$15,000	\$0	
	Total							\$15,000			
DEPARTMENT OF AGRICULTURE	AGRICULTURAL RESEARCH -- BASIC AND APPLIED RESEARCH	10.001				RESEARCH AND DEVELOPMENT		\$3,332,031	\$3,354,657	\$277,736,979	
	PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.001				N/A		\$22,626	\$3,354,657	\$0	
		10.025		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200001749	RESEARCH AND DEVELOPMENT		\$253,581	\$956,961	\$277,736,979	
						RESEARCH AND DEVELOPMENT		\$81	\$956,961	\$277,736,979	
		10.025		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200001549	N/A		\$682,799	\$956,961	\$0	
					PON2 035 2200001550	N/A		\$10,041	\$956,961	\$0	
						N/A		\$11,227	\$956,961	\$0	
			COVID-19			N/A		-\$768	\$956,961	\$0	
	WILDLIFE SERVICES	10.028		KENTUCKY TOURSIM, ARTS AND HERITAGE CABINET	PON2 660 2300000950	RESEARCH AND DEVELOPMENT		\$60,889	\$60,889	\$277,736,979	
	WETLANDS RESERVE PROGRAM	10.072				RESEARCH AND DEVELOPMENT		\$264,179	\$264,179	\$277,736,979	
	FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	10.156		UNIVERSITY OF GEORGIA	SUB00002496	RESEARCH AND DEVELOPMENT		\$1,018	\$1,018	\$277,736,979	
	MARKET PROTECTION AND PROMOTION	10.163		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 1900000670	N/A		\$107	\$107	\$0	
	WHOLESALE FARMERS AND ALTERNATIVE MARKET DEVELOPMENT	10.164				N/A		-\$2,449	\$35,111	\$0	
	FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168		COLORADO STATE UNIVERSITY	G-10134-01	N/A		\$37,560	\$35,111	\$0	
	SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		KENTUCKY HORTICULTURE COUNCIL	KHC042020	N/A		\$2,839	\$2,839	\$0	
						RESEARCH AND DEVELOPMENT	\$66,747	\$97,903	\$256,415	\$277,736,979	
					PON2 035 2000000248	RESEARCH AND DEVELOPMENT		\$4,648	\$256,415	\$277,736,979	
					PON2 035 2000000254	RESEARCH AND DEVELOPMENT		\$808	\$256,415	\$277,736,979	
					PON2 035 2100000998	RESEARCH AND DEVELOPMENT		\$383	\$256,415	\$277,736,979	
					PON2 035 2100000999	RESEARCH AND DEVELOPMENT		\$14,108	\$256,415	\$277,736,979	
					PON2 035 2100001000	RESEARCH AND DEVELOPMENT		\$10,408	\$256,415	\$277,736,979	
					PON2 035 2100001002	RESEARCH AND DEVELOPMENT		\$18,300	\$256,415	\$277,736,979	
					PON2 035 2200000691	RESEARCH AND DEVELOPMENT		\$15,491	\$256,415	\$277,736,979	
					PON2 035 2200001269	RESEARCH AND DEVELOPMENT		\$10,766	\$256,415	\$277,736,979	
					PON2 035 2200001270	RESEARCH AND DEVELOPMENT		-\$1,714	\$256,415	\$277,736,979	
					PON2 035 2300001315	RESEARCH AND DEVELOPMENT		\$9,844	\$256,415	\$277,736,979	
					PON2 035 2300001317	RESEARCH AND DEVELOPMENT		\$4,061	\$256,415	\$277,736,979	
					PON2 035 2300001318	RESEARCH AND DEVELOPMENT		\$6,573	\$256,415	\$277,736,979	
		10.170		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2000000252	N/A		\$5,443	\$256,415	\$0	
					PON2 035 2000000253	N/A		\$5,431	\$256,415	\$0	
					PON2 035 2100001001	N/A		\$5,375	\$256,415	\$0	
					PON2 035 2200000687	N/A		\$11,654	\$256,415	\$0	
					PON2 035 2200000690	N/A		\$19,127	\$256,415	\$0	
					PON2 035 2200001271	N/A		\$11,679	\$256,415	\$0	
					PON2 035 2300001320	N/A		\$6,127	\$256,415	\$0	
	LOCAL FOOD PROMOTION PROGRAM	10.172		KENTUCKY CENTER FOR AGRICULTURE AND RURAL DEVELOPMENT	USDA102020	N/A		\$8,168	\$8,168	\$0	
	ACER ACCESS DEVELOPMENT PROGRAM	10.174				N/A	\$36,016	\$129,282	\$129,282	\$0	
	FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM (B)	10.175				N/A	\$67,638	\$164,114	\$286,083	\$0	
				COMMUNITY FARM ALLIANCE	55830	N/A		\$16,004	\$286,083	\$0	
				KENTUCKY HORTICULTURE COUNCIL	#21LFFPKY1073	N/A		\$53,566	\$286,083	\$0	
					USDA082022	N/A		\$43,354	\$286,083	\$0	
				ORGANIC ASSOCIATION OF KENTUCKY	OAK032021	N/A		\$9,045	\$286,083	\$0	
	DAIRY BUSINESS INNOVATION INITIATIVES (B)	10.176		UNIVERSITY OF TENNESSEE	9500096724	N/A		\$47,764	\$149,924	\$0	
					9500107287	N/A		\$60,492	\$149,924	\$0	
					A23-0048-S002	N/A		\$34,782	\$149,924	\$0	
					A23-0266-S002	N/A		\$6,886	\$149,924	\$0	
	REGIONAL FOOD SYSTEM PARTNERSHIPS (B)	10.177		KENTUCKY CENTER FOR AGRICULTURE AND RURAL DEVELOPMENT	KCARD AMS 05312022	N/A		\$35,468	\$95,679	\$0	
				KENTUCKY HORTICULTURE COUNCIL	USDA122022	N/A		\$11,227	\$95,679	\$0	
			COVID-19			N/A		\$25,839	\$48,984	\$95,679	\$0

The accompanying notes are an integral part of this Schedule.

University of Kentucky

Schedule of Expenditures of Federal Awards

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200		UNIVERSITY OF FLORIDA	2100836992	RESEARCH AND DEVELOPMENT		-\$14,465	\$37,615	\$277,736,979
					2200911085	RESEARCH AND DEVELOPMENT		\$11,609	\$37,615	\$277,736,979
					PO 2200915747	RESEARCH AND DEVELOPMENT		\$2,813	\$37,615	\$277,736,979
					PO 2301006239	RESEARCH AND DEVELOPMENT		\$4,629	\$37,615	\$277,736,979
					PO 2301037361	RESEARCH AND DEVELOPMENT		\$2,845	\$37,615	\$277,736,979
					PO 2301039042	RESEARCH AND DEVELOPMENT		\$13,657	\$37,615	\$277,736,979
		10.200		UNIVERSITY OF FLORIDA	2200907364	N/A		-\$2,060	\$37,615	\$0
					2301034481	N/A		\$10,844	\$37,615	\$0
	GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS				PO 2100880307	N/A		\$6,015	\$37,615	\$0
					PO 2301032817	N/A		\$1,728	\$37,615	\$0
	COOPERATIVE FORESTRY RESEARCH	10.202				RESEARCH AND DEVELOPMENT		\$784,082	\$784,082	\$277,736,979
	PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203				RESEARCH AND DEVELOPMENT		\$6,321,562	\$6,321,562	\$277,736,979
	ANIMAL HEALTH AND DISEASE RESEARCH	10.207				RESEARCH AND DEVELOPMENT		\$27,075	\$27,075	\$277,736,979
	HIGHER EDUCATION – GRADUATE FELLOWSHIPS	10.210				N/A		\$20,414	\$20,414	\$0
	GRANT PROGRAM									
	SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00001126	RESEARCH AND DEVELOPMENT	-\$402	-\$402	\$258,584	\$277,736,979
					SUB00002043	RESEARCH AND DEVELOPMENT		\$37,203	\$258,584	\$277,736,979
					SUB00002841	RESEARCH AND DEVELOPMENT		\$9,823	\$258,584	\$277,736,979
					SUB00003161	RESEARCH AND DEVELOPMENT		\$70	\$258,584	\$277,736,979
				WEST VIRGINIA UNIVERSITY	21-276-UK/ PO MM00036573	RESEARCH AND DEVELOPMENT		\$5,592	\$258,584	\$277,736,979
		10.215		KENTUCKY HORTICULTURE COUNCIL	SUB00002619	N/A		\$16,364	\$258,584	\$0
				MIDDLE TENNESSEE STATE UNIVERSITY	537309-77790	N/A		\$1,714	\$258,584	\$0
				NORTH CAROLINA STATE UNIVERSITY	2019-1503-04	N/A		\$5,483	\$258,584	\$0
				UNIVERSITY OF GEORGIA	SUB00001978	N/A		\$2	\$258,584	\$0
					SUB00002000	N/A		-\$2,970	\$258,584	\$0
					SUB00002354	N/A		\$8,102	\$258,584	\$0
					SUB00002624	N/A	\$3,700	\$23,697	\$258,584	\$0
					SUB00002675	N/A		\$11,091	\$258,584	\$0
					SUB00002676	N/A		\$33,332	\$258,584	\$0
					SUB00002689	N/A		\$22,856	\$258,584	\$0
					SUB00002863	N/A		\$6,600	\$258,584	\$0
					SUB00002905	N/A		\$6,875	\$258,584	\$0
					SUB00003085	N/A		\$73,152	\$258,584	\$0
	1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		KENTUCKY STATE UNIVERSITY	KSU-210215	RESEARCH AND DEVELOPMENT		\$8,413	\$8,413	\$277,736,979
	HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217		UNIVERSITY OF MAINE	UMS-1208	RESEARCH AND DEVELOPMENT		\$7,527	\$67,582	\$277,736,979
		10.217		PURDUE UNIVERSITY	F0003792902022	N/A		\$1,430	\$67,582	\$0
					F0011836802021	N/A		\$58,625	\$67,582	\$0
	BIOTECHNOLOGY RISK ASSESSMENT RESEARCH	10.219				RESEARCH AND DEVELOPMENT		\$45,897	\$45,897	\$277,736,979
	EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING & ENGAGEMENT	10.229		EXTENSION FOUNDATION	EXC1-2021-2076	N/A		\$953	\$38,610	\$0
					EXC3-2022-2256	N/A		\$9,788	\$38,610	\$0
					EXC3-2023-2402	N/A		\$2,504	\$38,610	\$0
				KENTUCKY STATE UNIVERSITY	211227-206005-4103	N/A		\$25,365	\$38,610	\$0
	AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250				RESEARCH AND DEVELOPMENT		\$45,506	\$45,506	\$277,736,979
	HOMELAND SECURITY_AGRICULTURAL	10.304		UNIVERSITY OF FLORIDA	UFDSP00011546	RESEARCH AND DEVELOPMENT		-\$1,051	\$17,311	\$277,736,979
		10.304		UNIVERSITY OF FLORIDA	SUB00002895	N/A		\$13,802	\$17,311	\$0
					SUB00003510	N/A		\$4,560	\$17,311	\$0
	ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		IOWA STATE UNIVERSITY	021892A	RESEARCH AND DEVELOPMENT		\$77,481	\$153,409	\$277,736,979
					022063A	RESEARCH AND DEVELOPMENT		\$75,928	\$153,409	\$277,736,979
	SPECIALTY CROP RESEARCH INITIATIVE	10.309		CLEMSON UNIVERSITY	2235-207-2014173	RESEARCH AND DEVELOPMENT		\$24,609	\$28,633	\$277,736,979
				NORTH CAROLINA STATE UNIVERSITY	2017-0398-08	RESEARCH AND DEVELOPMENT		\$1,196	\$28,633	\$277,736,979
		10.309				N/A		\$2,828	\$28,633	\$0

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	AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		CENTRAL STATE UNIVERSITY	8527-005	RESEARCH AND DEVELOPMENT	\$384,440	\$3,003,878	\$4,327,519	\$277,736,979
				IOWA STATE UNIVERSITY	024806D	RESEARCH AND DEVELOPMENT		\$23,865	\$4,327,519	\$277,736,979
				KANSAS STATE UNIVERSITY	A21-0336-S001	RESEARCH AND DEVELOPMENT		\$13,465	\$4,327,519	\$277,736,979
				KENTUCKY STATE UNIVERSITY	210207-206002-3100-001	RESEARCH AND DEVELOPMENT		\$23,082	\$4,327,519	\$277,736,979
					210207-206002-3100-002	RESEARCH AND DEVELOPMENT		\$27,485	\$4,327,519	\$277,736,979
				NORTH CAROLINA STATE UNIVERSITY	2019-1507-05	RESEARCH AND DEVELOPMENT		\$28,124	\$4,327,519	\$277,736,979
								\$89,414	\$4,327,519	\$277,736,979
				OHIO STATE UNIVERSITY	60076794	RESEARCH AND DEVELOPMENT		\$3,228	\$4,327,519	\$277,736,979
				RESOURCES FOR THE FUTURE INC	3469	RESEARCH AND DEVELOPMENT		\$7,705	\$4,327,519	\$277,736,979
				UNIVERSITY OF MAINE	UMS1286	RESEARCH AND DEVELOPMENT		\$27,678	\$4,327,519	\$277,736,979
				UNIVERSITY OF MARYLAND	94801-Z5245201	RESEARCH AND DEVELOPMENT		\$26,350	\$4,327,519	\$277,736,979
				UNIVERSITY OF NEBRASKA - LINCOLN	25-1120-0016-002	RESEARCH AND DEVELOPMENT		\$60,957	\$4,327,519	\$277,736,979
				UNIVERSITY OF RHODE ISLAND	0000180399	RESEARCH AND DEVELOPMENT		\$58,073	\$4,327,519	\$277,736,979
				UNIVERSITY OF VERMONT	AWD00000135SUB00000068	RESEARCH AND DEVELOPMENT		\$1,063	\$4,327,519	\$277,736,979
				UNIVERSITY OF WASHINGTON	UWSC11919	RESEARCH AND DEVELOPMENT		\$14,702	\$4,327,519	\$277,736,979
		10.310		IOWA STATE UNIVERSITY	022875A	N/A	\$96,912	\$889,941	\$4,327,519	\$0
				UNIVERSITY OF WISCONSIN	0000001774	N/A		\$15,803	\$4,327,519	\$0
	AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)							\$12,706	\$4,327,519	\$0
	BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311		UNIVERSITY OF CALIFORNIA, DAVIS	A23-1561-S003	N/A	\$8,083	\$164,496	\$166,471	\$0
	SUN GRANT PROGRAM	10.320		UNIVERSITY OF TENNESSEE	9500098729	RESEARCH AND DEVELOPMENT		\$1,975	\$166,471	\$0
					9500098730	RESEARCH AND DEVELOPMENT	\$7,902	\$67,027	\$114,908	\$277,736,979
	NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328		UNIVERSITY OF FLORIDA	SUB00003014	N/A		\$47,881	\$114,908	\$277,736,979
	CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY	UFDSP00012363	N/A		\$8,257	\$18,304	\$0
		10.329						\$10,047	\$18,304	\$0
				NORTH CAROLINA STATE UNIVERSITY	2018-3200-42	RESEARCH AND DEVELOPMENT		\$9,498	\$161,229	\$277,736,979
								\$152,851	\$161,229	\$0
				NORTH CAROLINA STATE UNIVERSITY	2018-3200-32	N/A		-\$1,120	\$161,229	\$0
	ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		OHIO STATE UNIVERSITY	SPC-1000007145/GR128777	RESEARCH AND DEVELOPMENT		\$8,910	\$10,483	\$277,736,979
				UNIVERSITY OF NOTRE DAME	203224UK	RESEARCH AND DEVELOPMENT		\$1,573	\$10,483	\$277,736,979
	FOOD INSECURITY NUTRITION INCENTIVE GRANTS PROGRAM	10.331		COMMUNITY FARM ALLIANCE	5500520	RESEARCH AND DEVELOPMENT		\$4,797	\$30,511	\$277,736,979
		10.331		COMMUNITY FARM ALLIANCE	17P0009-1	N/A		\$25,714	\$30,511	\$0
	AGRICULTURAL GENOME TO PHENOME INITIATIVE	10.332		IOWA STATE UNIVERSITY	024256J	RESEARCH AND DEVELOPMENT		\$64,721	\$64,721	\$277,736,979
	ENHANCING AGRICULTURAL OPPORTUNITIES FOR MILITARY VETERANS COMPETITIVE GRANTS PROGRAM	10.334		KENTUCKY CENTER FOR AGRICULTURE AND RURAL DEVELOPMENT	KCARD 032021	N/A		\$19,648	\$19,648	\$0
	VETERINARY SERVICES GRANT PROGRAM	10.336						\$4,045	\$94,742	\$94,742
	COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2021-2146	RESEARCH AND DEVELOPMENT		\$14,014	\$467,673	\$277,736,979
		10.500						\$13,052	\$150,003	\$467,673
				EXTENSION FOUNDATION	NTAE-2021-2132	N/A		\$7,346	\$467,673	\$0
				KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200000453	N/A	\$5,798	\$61,106	\$467,673	\$0
				PENNSYLVANIA STATE UNIVERSITY	6023-UKRF-UJ-3501	N/A		\$28,172	\$467,673	\$0
					S003501-UJ	N/A		\$18,950	\$467,673	\$0
				PURDUE UNIVERSITY	F9001573902015	N/A		\$68,754	\$467,673	\$0
					F9001573902022	N/A		\$113,827	\$467,673	\$0
					H007172405	N/A		\$5,501	\$467,673	\$0
	SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511		UNIVERSITY OF MINNESOTA		N/A		\$10,898,434	\$10,898,434	\$0
	EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514		USDA CSREES (CES) FEDERAL FORMULA FUNDS	CES	N/A		\$1,955,566	\$1,955,566	\$0
	RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515		USDA CSREES (CES) FEDERAL FORMULA FUNDS	CES	N/A		\$73,615	\$73,615	\$0
	RURAL HEALTH AND SAFETY EDUCATION COMPETITIVE GRANTS PROGRAM	10.516						\$130,120	\$130,120	\$0
	FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200000450	RESEARCH AND DEVELOPMENT		\$36,054	\$605,601	\$277,736,979
		10.525		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200000452	N/A		\$26,592	\$605,601	\$0
				UNIVERSITY OF TENNESSEE	9500095924	N/A		\$542,955	\$605,601	\$0

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	STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000001835 PON2 736 2300000387	SNAP CLUSTER SNAP CLUSTER		\$2,774,897 \$5,807,979	\$8,582,876 \$8,582,876	\$8,582,876 \$8,582,876
	FORESTRY RESEARCH	10.652				RESEARCH AND DEVELOPMENT		\$32,052	\$32,052	\$277,736,979
	COOPERATIVE FORESTRY ASSISTANCE	10.664		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 128 2000000018 PON2 128 2100000238 PON2 128 2100000270 PON2 128 2100001055 PON2 128 2100001130 PON2 128 2200000918 PON2 128 2200001191 PON2 128 2200001192 PON2 128 2200001437 PON2 128 2300001397	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	\$9,876 -166 -5370 \$132,050 \$36,690 \$96,410 \$15,589 \$4,950 \$6,490 \$137	\$301,656 \$301,656 \$301,656 \$301,656 \$301,656 \$301,656 \$301,656 \$301,656 \$301,656 \$301,656	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
	FOREST HEALTH PROTECTION	10.680				RESEARCH AND DEVELOPMENT	\$3,589	\$25,450	\$67,307	\$277,736,979
	INTERNATIONAL FORESTRY PROGRAMS	10.684		SLOW THE SPREAD FOUNDATION	22-01-03	RESEARCH AND DEVELOPMENT		\$41,857	\$67,307	\$277,736,979
	PARTNERSHIP AGREEMENTS	10.699				N/A		\$46,193	\$46,193	\$0
	RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707				N/A		\$1,367	\$1,367	\$0
	TECHNICAL ASSISTANCE AND TRAINING GRANTS	10.761		WEST VIRGINIA UNIVERSITY	16-425-UK-2 16-425-UK-3	RESEARCH AND DEVELOPMENT	\$25,988	\$72,250	\$72,250	\$277,736,979
	RURAL ENERGY FOR AMERICA PROGRAM	10.868				N/A		\$109,994	\$203,584	\$0
	RURAL DEVELOPMENT COOPERATIVE AGREEMENT PROGRAM	10.890				N/A		\$93,580	\$203,584	\$0
	SOIL AND WATER CONSERVATION	10.902				N/A		\$36,492	\$36,492	\$0
	SOIL SURVEY	10.902				RESEARCH AND DEVELOPMENT		\$166,837	\$166,837	\$0
	ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		HANDSOME BROOK FARMS LLC	NR223A750013G023	RESEARCH AND DEVELOPMENT		\$53,025	\$61,320	\$277,736,979
		10.912				N/A		\$8,295	\$61,320	\$0
	AGRICULTURAL CONSERVATION EASEMENT PROGRAM	10.931		OHIO STATE UNIVERSITY	SPC-1000011280 GR124080	RESEARCH AND DEVELOPMENT		\$113,911	\$231,450	\$356,786
	REGIONAL CONSERVATION PARTNERSHIP PROGRAM	10.932				RESEARCH AND DEVELOPMENT		\$3,571	\$356,786	\$277,736,979
	US DEPARTMENT OF AGRICULTURE CONTRACT	10.U01	12319819C0006			N/A		\$15,183	\$113,471	\$356,786
		10.U02	12639522F0205			N/A		\$8,294	\$356,786	\$0
		10.U03	320734-19660	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	320734-19660	N/A		\$19,211	\$19,211	\$277,736,979
		10.U04	320750-19660	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	320750-19660	N/A		\$2,891	\$2,891	\$0
	Total							\$1,102,658	\$42,831,204	
DEPARTMENT OF COMMERCE	CLUSTER GRANTS	11.020				N/A		\$268,452	\$268,452	\$0
	ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.303				N/A		\$81,594	\$81,594	\$0
	ECONOMIC ADJUSTMENT ASSISTANCE	11.307		KENTUCKY ECONOMIC DEVELOPMENT CABINET	PON2 530 22000003518 PON2 530 22000003960	ECONOMIC DEVELOPMENT CLUSTER ECONOMIC DEVELOPMENT CLUSTER		\$10,357 \$75,140	\$105,574 \$105,574	\$105,574 \$105,574
	CENTER FOR SPONSORED COASTAL OCEAN RESEARCH, COASTAL OCEAN PROGRAM MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.478	COVID-19	UNIVERSITY OF MICHIGAN	SUBK00016949	ECONOMIC DEVELOPMENT CLUSTER RESEARCH AND DEVELOPMENT		\$20,077 \$8,374	\$105,574 \$8,374	\$105,574 \$277,736,979
	SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620		SOLUTION SPRAY TECHNOLOGIES LLC	70NANB22H187	RESEARCH AND DEVELOPMENT		\$76,834 \$33,001	\$76,834 \$33,001	\$277,736,979 \$277,736,979
	Total							\$573,629		
DEPARTMENT OF DEFENSE	BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				RESEARCH AND DEVELOPMENT	\$937,037	\$2,942,983	\$3,130,141	\$277,736,979
	ROTC LANGUAGE AND CULTURE TRAINING GRANTS	12.357		INSTITUTE OF INTERNATIONAL EDUCATION INC	PGO1801UKT17PG0051P04	N/A N/A		\$187,158 \$99,163	\$3,130,141 \$99,163	\$0 \$0

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		ATRIUM HEALTH	A21-0111-S004	RESEARCH AND DEVELOPMENT	\$605,887	\$4,201,456	\$5,026,191	\$277,736,979
				DENVER RESEARCH INSTITUTE	MSRC-FY19-06	RESEARCH AND DEVELOPMENT	\$37,703	\$7,487	\$5,026,191	\$277,736,979
				GISMO THERAPEUTICS INCORPORATED	W81XWH2210379	RESEARCH AND DEVELOPMENT		\$194,307	\$5,026,191	\$277,736,979
				JOHNS HOPKINS UNIVERSITY	2004437965	RESEARCH AND DEVELOPMENT		\$50,429	\$5,026,191	\$277,736,979
				LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER, NEW ORLEANS	2004440006	RESEARCH AND DEVELOPMENT		\$72	\$5,026,191	\$277,736,979
				UNIVERSITY OF ARIZONA	22-72-044-A1	RESEARCH AND DEVELOPMENT		\$14,787	\$5,026,191	\$277,736,979
				UNIVERSITY OF MARYLAND, BALTIMORE	536683	RESEARCH AND DEVELOPMENT		\$105,512	\$5,026,191	\$277,736,979
				UNIVERSITY OF MONTANA	1701217A	RESEARCH AND DEVELOPMENT		-\$10	\$5,026,191	\$277,736,979
				UNIVERSITY OF PITTSBURGH	PG23-61941-01	RESEARCH AND DEVELOPMENT		\$40,962	\$5,026,191	\$277,736,979
			COVID-19	UNIVERSITY OF PITTSBURGH	CNVA00056666 (413614-16)	RESEARCH AND DEVELOPMENT		\$16,756	\$5,026,191	\$277,736,979
	BASIC SCIENTIFIC RESEARCH	12.431				RESEARCH AND DEVELOPMENT	\$146,142	\$8,413	\$5,026,191	\$277,736,979
		12.431				RESEARCH AND DEVELOPMENT	\$147,828	\$3,501,487	\$4,256,187	\$277,736,979
						N/A		\$754,700	\$4,256,187	\$0
	BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		MARSHALL UNIVERSITY RESEARCH CORPORATION	RC-P2301333	RESEARCH AND DEVELOPMENT		\$37,664	\$188,453	\$277,736,979
				UNIVERSITY OF SOUTHERN MISSISSIPPI	8006634-01.03 UK	RESEARCH AND DEVELOPMENT		\$150,789	\$188,453	\$277,736,979
	AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY OF MICHIGAN	SUBK00012264	RESEARCH AND DEVELOPMENT	\$209,495	\$222,745	\$238,333	\$277,736,979
	DEPARTMENT OF DEFENSE CONTRACT	12.U01	DOTC-17-01-INIT1161	EXTREME CERAMIC NANOCOMPOSITES LLC	DOTC-17-01-INIT1161	N/A		\$15,588	\$238,333	\$277,736,979
		12.U02	ERDC-MECI-PLA-0007	SOSSEC INCORPORATED	ERDC-MECI-PLA-0007	N/A		\$815,566	\$815,566	\$0
		12.U03	W81K0422F0022			N/A		\$158,646	\$158,646	\$0
		12.U04	W81K0423F0014			N/A		\$77,124	\$77,124	\$0
		12.RD	2021-1156-09	NORTH CAROLINA STATE UNIVERSITY	2021-1156-09	RESEARCH AND DEVELOPMENT		\$101,306	\$3,074,795	\$277,736,979
			2023-1527-03	NORTH CAROLINA STATE UNIVERSITY	2023-1527-03	RESEARCH AND DEVELOPMENT		\$98,866	\$3,074,795	\$277,736,979
			2554-002-1	INTELLIGENT AUTOMATION INC	2554-002-1	RESEARCH AND DEVELOPMENT		\$9,527	\$3,074,795	\$277,736,979
			2631-1	INTELLIGENT AUTOMATION INC	2631-1	RESEARCH AND DEVELOPMENT		\$47,654	\$3,074,795	\$277,736,979
			14917-SD49	MATERIALS SCIENCES CORP	14917-SD49	RESEARCH AND DEVELOPMENT		\$4,209	\$3,074,795	\$277,736,979
			22205UKY	ADVANCED FIBER TECHNOLOGY	22205UKY	RESEARCH AND DEVELOPMENT		\$91,871	\$3,074,795	\$277,736,979
			23110UKY MOD2	ADVANCED FIBER TECHNOLOGY	23110UKY MOD2	RESEARCH AND DEVELOPMENT		\$22,285	\$3,074,795	\$277,736,979
	DEPARTMENT OF DEFENSE CONTRACT		1022177	HENRY M JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE	1022177	RESEARCH AND DEVELOPMENT		\$57,475	\$3,074,795	\$277,736,979
			ERDC-MECI-PLA-0007	SOSSEC INCORPORATED	ERDC-MECI-PLA-0007	RESEARCH AND DEVELOPMENT		\$1,186,703	\$3,074,795	\$277,736,979
			HE-676	HILL ENGINEERING LLC	HE-676	RESEARCH AND DEVELOPMENT		-\$867	\$3,074,795	\$277,736,979
			IMPI2201	INTEGRATED MATERIALS AND PROCESS INTELLIJ	IMPI2201	RESEARCH AND DEVELOPMENT		\$31,881	\$3,074,795	\$277,736,979
			K003034-00-S05	KITWARE INCORPORATED	K003034-00-S05	RESEARCH AND DEVELOPMENT		-\$2,246	\$3,074,795	\$277,736,979
			MT210005.028	ADVANCED TECHNOLOGY INTERNATIONAL	MT210005.028	RESEARCH AND DEVELOPMENT	\$128,708	\$697,110	\$3,074,795	\$277,736,979
			N00014-18-C-2025		N00014-18-C-2025	RESEARCH AND DEVELOPMENT		-\$648	\$3,074,795	\$277,736,979
			PO 19392	SENSOR TECHNOLOGY ENGINEERING LLC	PO 19392	RESEARCH AND DEVELOPMENT		\$122,902	\$3,074,795	\$277,736,979
			PO 21008ES	CANDENT TECHNOLOGIES INCORPORATED	PO 21008ES	RESEARCH AND DEVELOPMENT		\$8,015	\$3,074,795	\$277,736,979
			RSC19048	UNIVERSITY OF DAYTON RESEARCH INSTITUTION	RSC19048	RESEARCH AND DEVELOPMENT		\$221,752	\$3,074,795	\$277,736,979
			W912H2229C004			RESEARCH AND DEVELOPMENT		\$331,903	\$3,074,795	\$277,736,979
			WSU# 21-02862	WICHITA STATE UNIVERSITY	WSU# 21-02862	RESEARCH AND DEVELOPMENT		\$45,097	\$3,074,795	\$277,736,979
	Total						\$2,212,800	\$17,092,599		
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	HEALTHY HOMES TECHNICAL STUDIES GRANTS	14.906				RESEARCH AND DEVELOPMENT	\$102,541	\$191,019	\$191,019	\$277,736,979
	Total						\$102,541	\$191,019		
DEPARTMENT OF THE INTERIOR	ENERGY COMMUNITY REVITALIZATION PROGRAM	15.018		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 128 2300001297	RESEARCH AND DEVELOPMENT	\$160,046	\$296,276	\$296,276	\$277,736,979
	EARTH MAPPING RESOURCES INITIATIVE	15.073		UNIVERSITY OF KANSAS	FY2023-075	RESEARCH AND DEVELOPMENT		\$22,554	\$28,254	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$5,700	\$28,254	\$277,736,979

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	SCIENCE AND TECHNOLOGY PROJECTS RELATED TO COAL MINING AND RECLAMATION	15.255				RESEARCH AND DEVELOPMENT		\$70,596	\$70,596	\$277,736,979
	VISITOR FACILITY ENHANCEMENTS - REFUGES AND WILDLIFE	15.654				RESEARCH AND DEVELOPMENT	\$4,000	\$17,510	\$17,510	\$277,736,979
	ENDANGERED SPECIES CONSERVATION D RECOVERY IMPLEMENTATION FUNDS	15.657		KENTUCKY WATERWAYS ALLIANCE	F17AC00264	RESEARCH AND DEVELOPMENT		\$4,883	\$4,883	\$277,736,979
	ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805				RESEARCH AND DEVELOPMENT	\$41,737	\$118,171	\$118,171	\$277,736,979
	EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807				RESEARCH AND DEVELOPMENT		\$17,519	\$17,519	\$277,736,979
	U.S. GEOLOGICAL SURVEY - RESEARCH AND DATA COLLECTION	15.808				RESEARCH AND DEVELOPMENT		\$41,128	\$45,516	\$277,736,979
		15.808				N/A		\$4,388	\$45,516	\$0
	NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810				RESEARCH AND DEVELOPMENT		\$463,618	\$463,618	\$277,736,979
	NATIONAL GEOLOGICAL AND GEOPHYSICAL DATA PRESERVATION PROGRAM	15.814				N/A		\$223,139	\$223,139	\$0
	NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND TRAINING	15.923				RESEARCH AND DEVELOPMENT		\$17,669	\$17,669	\$277,736,979
	SAVE AMERICA'S TREASURES	15.929				N/A		\$84,364	\$84,364	\$0
	NATIONAL GROUNDWATER MONITORING NETWORK	15.980				RESEARCH AND DEVELOPMENT		\$3	\$3	\$277,736,979
	DEPARTMENT OF THE INTERIOR CONTRACT	15.RD	USGS09122022			RESEARCH AND DEVELOPMENT		\$20,901	\$20,901	\$277,736,979
	Total						\$205,783	\$1,408,419		
DEPARTMENT OF JUSTICE	OVW RESEARCH AND EVALUATION PROGRAM	16.026				RESEARCH AND DEVELOPMENT	-\$200	-\$293	-\$293	\$277,736,979
	NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				RESEARCH AND DEVELOPMENT	\$117,975	\$300,074	\$300,074	\$277,736,979
	CRIME VICTIM ASSISTANCE	16.575		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	VOCA-2021-UK RESEARC-000 VOCA-2022-UJRF-00108	N/A		\$109,436	\$360,126	\$0
						N/A		\$250,690	\$360,126	\$0
	HAROLD ROGERS PRESCRIPTION DRUG MONITORING PROGRAM	16.754				RESEARCH AND DEVELOPMENT		\$81,220	\$81,220	\$277,736,979
	DEPARTMENT OF JUSTICE CONTRACT	16.U01	DEA122021	NATIONAL ASSOCIATION OF STUDENT PERSONNEL	DEA122021	N/A		\$5,000	\$5,000	\$0
	Total						\$117,775	\$746,127		
DEPARTMENT OF LABOR	EMPLOYMENT SERVICE/WAGNER-PEYSER FUNDED ACTIVITIES	17.207		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2200004083	RESEARCH AND DEVELOPMENT		\$59,242	\$59,242	\$277,736,979
	UNEMPLOYMENT INSURANCE	17.225		KENTUCKY EDUCATION AND LABOR CABINET	PON2 142 2200003617	RESEARCH AND DEVELOPMENT		\$58,844	\$58,844	\$277,736,979
	WIA PILOTS, DEMONSTRATIONS, AND RESEARCH PROJECTS	17.261		KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM	DOL062023	N/A		\$62,925	\$62,925	\$0
	DISABILITY EMPLOYMENT POLICY DEVELOPMENT	17.720		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2100002792	RESEARCH AND DEVELOPMENT		-\$44,771	\$5,159,368	\$277,736,979
		17.720		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2000001756	N/A		\$92	\$5,159,368	\$0
					PON2 531 2000002795	N/A		\$287	\$5,159,368	\$0
					PON2 531 2200004486	N/A		\$5,203,760	\$5,159,368	\$0
	Total						\$390,459	\$5,340,379		
DEPARTMENT OF TRANSPORTATION	HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		COLORADO STATE UNIVERSITY	G-03014-01	RESEARCH AND DEVELOPMENT		\$15,027	\$224,919	\$277,736,979
		20.200		NATIONAL ACADEMY OF SCIENCES	HR 03-140	RESEARCH AND DEVELOPMENT	\$85,948	\$182,262	\$224,919	\$277,736,979
		20.200		NATIONAL ACADEMY OF SCIENCES	HR 20-05(52-14)	N/A		-\$509	\$224,919	\$0
					HR 20-05(53-04)	N/A	\$11,000	\$26,553	\$224,919	\$0
				TRANSPORTATION RESEARCH BOARD	HR 20-05(52-19)	N/A		\$1,586	\$224,919	\$0
	HIGHWAY PLANNING AND CONSTRUCTION	20.205		KENTUCKY TRANSPORTATION CABINET	PON2 605 1600002186	RESEARCH AND DEVELOPMENT		\$2,700	\$4,748,134	\$277,736,979
					PON2 605 1800001487	RESEARCH AND DEVELOPMENT		\$446,448	\$4,748,134	\$277,736,979
					PON2 605 2000002653	RESEARCH AND DEVELOPMENT	\$76,307	\$2,211,917	\$4,748,134	\$277,736,979
					PON2 605 2200002512	RESEARCH AND DEVELOPMENT		\$2,016,687	\$4,748,134	\$277,736,979
				UNIVERSITY OF CINCINNATI	014527-00002	RESEARCH AND DEVELOPMENT		\$32,628	\$4,748,134	\$277,736,979
		20.205		KENTUCKY TRANSPORTATION CABINET	PON2 605 1800001487	N/A		\$37,754	\$4,748,134	\$0
	HIGHWAY TRAINING AND EDUCATION	20.215		KENTUCKY TRANSPORTATION CABINET	PON2 605 1400002932	N/A		\$61,496	\$209,599	\$0
					PON2 605 2000002653	N/A		\$67,015	\$209,599	\$0
					PON2 605 2200002512	N/A		\$81,088	\$209,599	\$0
	NATIONAL MOTOR CARRIER SAFETY	20.218		KENTUCKY TRANSPORTATION CABINET	PON2 605 2000002173	RESEARCH AND DEVELOPMENT		\$168,521	\$416,855	\$277,736,979
					PON2 605 2200002485	RESEARCH AND DEVELOPMENT		\$248,334	\$416,855	\$277,736,979
	COMMERCIAL DRIVER'S LICENSE PROGRAM IMPROVEMENT GRANT	20.232		KENTUCKY TRANSPORTATION CABINET	PON2 605 2000002173	RESEARCH AND DEVELOPMENT		\$96,952	\$121,373	\$277,736,979
					PON2 605 2200002485	RESEARCH AND DEVELOPMENT		\$24,421	\$121,373	\$277,736,979

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	COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		KENTUCKY TRANSPORTATION CABINET	PON2 605 1800001704 PON2 605 2000002173 PON2 605 22000002485 PON2 605 2000002173	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT FMCSA Cluster	\$215,101 \$215,057 \$303,100 \$96,331	\$829,589 \$829,589 \$829,589 \$829,589	\$277,736,979 \$277,736,979 \$277,736,979 \$96,331	
	FUEL TAX EVASION-INTERGOVERNMENTAL ENFORCEMENT EFFORT	20.240		KENTUCKY TRANSPORTATION CABINET	PON2 605 2000002173	RESEARCH AND DEVELOPMENT	\$30,080	\$30,080	\$277,736,979	
	STATE AND COMMUNITY HIGHWAY SAFETY	20.600		KENTUCKY TRANSPORTATION CABINET	PON2 605 2100003330 PON2 605 2200000368 PON2 605 2200000424 PON2 605 2200000438 PON2 605 2300000305 PON2 605 2300000306 PON2 605 2300000307 PON2 605 2200000404	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$50,826 \$92,548 \$15,625 \$17,253 \$37,459 \$56,090 \$32,364 \$11,479	\$302,165 \$302,165 \$302,165 \$302,165 \$302,165 \$302,165 \$302,165 \$539,047	\$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979	
	NATIONAL PRIORITY SAFETY PROGRAMS	20.616		KENTUCKY TRANSPORTATION CABINET	PON2 605 2200000434 PON2 605 2200000435 PON2 605 2200000440 PON2 605 2200000446 PON2 605 2200000733 PON2 605 2300000298 PON2 605 2300000299 PON2 605 2300000300 PON2 605 2300000301 PON2 605 2300000302 PON2 605 2300000303	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$33,417 \$14,594 \$29,414 \$31,880 \$13,560 \$53,181 \$29,056 \$36,312 \$80,856 \$50,663 \$29,576	\$539,047 \$539,047 \$539,047 \$539,047 \$539,047 \$539,047 \$539,047 \$539,047 \$539,047 \$539,047 \$539,047	\$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979	
		20.616		UNIVERSITY OF LOUISVILLE	ULRF_22-0215-01 ULRF_23-0211-01	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$16,314 \$16,314	\$539,047 \$539,047	\$94,919 \$94,919	
	UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-001419-G3	RESEARCH AND DEVELOPMENT	\$8,495	\$8,495	\$277,736,979	
	DEPARTMENT OF TRANSPORTATION CONTRACT	20.RD	17ZWBO0015	VANASSE HANGEN BRUSTLIN INCORPORATED	17ZWBO0015	RESEARCH AND DEVELOPMENT	\$17,399	\$58,484	\$277,736,979	
			PO P2019006	UNIVERSITY OF COLORADO BOULDER	PO P2019006	RESEARCH AND DEVELOPMENT	\$41,085	\$58,484	\$277,736,979	
	Total						\$173,255	\$7,488,740		
DEPARTMENT OF THE TREASURY	CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES KENTUCKY GENERAL GOVERNMENT CABINET	SC 728 2200001727 PON2 415 2300000283	N/A N/A	\$956,839 \$474,726	\$1,660,945 \$1,660,945	\$0 \$0	
	Total						\$956,839	\$1,660,945		
APPALACHIAN REGIONAL COMMISSION	APPALACHIAN AREA DEVELOPMENT	23.002		FOUNDATION FOR APPALACHIAN KENTUCKY KENTUCKY HORTICULTURE COUNCIL	FFAK022020 PW-20860-IM-22	N/A N/A	\$21,127 \$13,525	\$34,652 \$34,652	\$0 \$0	
	Total							\$34,652		
NATIONAL AERONAUTICS & SPACE ADMINISTRATION	SCIENCE	43.001		MONTANA STATE UNIVERSITY PENNSYLVANIA STATE UNIVERSITY SMITHSONIAN ASTROPHYSICAL OBSERVATORY	G329-22-W9649 S000353-NASA GO1-22104X GO1-22126X GO2-22120X	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$309,535 \$15,058 \$8,638 \$28,262 \$11,216 \$38,631	\$411,340 \$411,340 \$411,340 \$411,340 \$411,340 \$411,340	\$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979 \$277,736,979	
	AERONAUTICS	43.002		FLORIDA STATE UNIVERSITY OKLAHOMA STATE UNIVERSITY	R000003029 1-501971-UJ	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$117,354 \$170,593	\$287,947 \$287,947	\$277,736,979 \$277,736,979	
	SPACE OPERATIONS	43.007				RESEARCH AND DEVELOPMENT	\$107,883	\$145,258	\$277,736,979	
	EDUCATION	43.008				RESEARCH AND DEVELOPMENT	\$303,113	\$1,052,069	\$1,976,667	\$277,736,979
		43.008				N/A	\$277,826	\$924,598	\$1,976,667	\$0
	SPACE TECHNOLOGY	43.012		UNIVERSITY OF COLORADO UNIVERSITY OF ILLINOIS	1561287 094156-17278	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$84,665 \$84,665	\$683,658 \$683,658	\$277,736,979 \$277,736,979	
		43.012				N/A	\$115,969	\$683,658	\$0	

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Schedule of Expenditures of Federal Awards

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total			
	NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.RD	HST-AR-14556.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-14556.001-A	RESEARCH AND DEVELOPMENT		\$23,393	\$133,124	\$277,736,979			
			HST-AR-15018.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-15018.001-A	RESEARCH AND DEVELOPMENT		\$4,808	\$133,124	\$277,736,979			
			HST-GO-16196.003-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-16196.003-A	RESEARCH AND DEVELOPMENT		\$45,621	\$133,124	\$277,736,979			
			T3-0606-FY21	ANALYTICAL MECHANICS ASSOCIATES INC	T3-0606-FY21	RESEARCH AND DEVELOPMENT		\$59,302	\$133,124	\$277,736,979			
	Total						\$773,487	\$3,637,994					
NATIONAL FOUNDATION ON THE ARTS AND THE HUMANITIES	PROMOTION OF THE HUMANITIES – CHALLENGE GRANTS	45.130				N/A		\$70,666	\$70,666	\$0			
						N/A		\$9,268	\$17,032	\$0			
				EMORY UNIVERSITY	A578635	N/A		\$7,764	\$17,032	\$0			
							RESEARCH AND DEVELOPMENT		\$18,644	\$18,644	\$277,736,979		
							RESEARCH AND DEVELOPMENT		\$43,529	\$129,189	\$223,653	\$277,736,979	
	NATIONAL LEADERSHIP GRANTS	45.312					\$94,464	\$223,653	\$277,736,979				
	Total						\$43,529	\$329,995					
NATIONALSCIENCE FOUNDATION	ENGINEERING	47.041				RESEARCH AND DEVELOPMENT		\$635,344	\$3,021,815	\$3,636,990	\$277,736,979		
					ASCRIBE BIOSCIENCES INCORPORATED	1951164	RESEARCH AND DEVELOPMENT		\$32,432	\$3,636,990	\$277,736,979		
					CARNEGIE MELLON UNIVERSITY	1122905-464772	RESEARCH AND DEVELOPMENT		\$93,631	\$3,636,990	\$277,736,979		
					NEW MEXICO STATE UNIVERSITY	Q02300	RESEARCH AND DEVELOPMENT		\$958	\$3,636,990	\$277,736,979		
					RALPHVR INCORPORATED	2125984	RESEARCH AND DEVELOPMENT		\$24,141	\$3,636,990	\$277,736,979		
					UNIVERSITY OF FLORIDA	SUB00002631	RESEARCH AND DEVELOPMENT		\$41,619	\$3,636,990	\$277,736,979		
						SUB00002963	RESEARCH AND DEVELOPMENT		\$701	\$3,636,990	\$277,736,979		
						SUB00002964	RESEARCH AND DEVELOPMENT		\$29,563	\$3,636,990	\$277,736,979		
						SUB00003082	RESEARCH AND DEVELOPMENT		\$75,545	\$3,636,990	\$277,736,979		
						UFDSP0002095	RESEARCH AND DEVELOPMENT		-\$576	\$3,636,990	\$277,736,979		
						UFDSP0003581	RESEARCH AND DEVELOPMENT		\$5,364	\$3,636,990	\$277,736,979		
						UNIVERSITY OF LOUISVILLE	ULRF_20-0743-01	RESEARCH AND DEVELOPMENT		\$253,380	\$3,636,990	\$277,736,979	
					COVID-19					\$58,417	\$3,636,990	\$277,736,979	
										\$3,067,668	\$3,141,900	\$277,736,979	
				MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$13,336	\$3,141,900	\$277,736,979	
							ARIZONA STATE UNIVERSITY ASSOCIATED UNIVERSITIES INCORPORATED	ASUB00000733 SOSPA9-006	RESEARCH AND DEVELOPMENT		\$13,813	\$3,141,900	\$277,736,979
							TULANE UNIVERSITY	TUL-SCC-560245-22/23	RESEARCH AND DEVELOPMENT		\$43,999	\$3,141,900	\$277,736,979
							WAYNE STATE UNIVERSITY	WSU22191	RESEARCH AND DEVELOPMENT		\$3,084	\$3,141,900	\$277,736,979
				GEOSCIENCES	47.050					\$116,994	\$655,202	\$659,667	\$277,736,979
							FRANKLIN & MARSHALL COLLEGE	V8261-1954538	RESEARCH AND DEVELOPMENT		\$4,465	\$659,667	\$277,736,979
				COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$11,781	\$3,502,520	\$4,746,779	\$277,736,979
							IOWA STATE UNIVERSITY	0228138	RESEARCH AND DEVELOPMENT		\$64,438	\$4,746,779	\$277,736,979
							SOUTH DAKOTA STATE UNIVERSITY	3TG121	RESEARCH AND DEVELOPMENT		\$260	\$4,746,779	\$277,736,979
							UNIVERSITY OF COLORADO	1562249	RESEARCH AND DEVELOPMENT		\$235,066	\$4,746,779	\$277,736,979
							UNIVERSITY OF NORTH CAROLINA	5115827	RESEARCH AND DEVELOPMENT		\$848,001	\$4,746,779	\$277,736,979
						COVID-19					\$96,494	\$4,746,779	\$277,736,979
				BIOLOGICAL SCIENCES	47.074					\$14,094	\$2,426,826	\$2,525,443	\$277,736,979
							FRANKLIN & MARSHALL COLLEGE	V8270-2130110	RESEARCH AND DEVELOPMENT		\$77,625	\$2,525,443	\$277,736,979
							UNIVERSITY OF GEORGIA	SUB00002956	RESEARCH AND DEVELOPMENT		\$9,805	\$2,525,443	\$277,736,979
							VAN ANDEL INSTITUTE	405408-1	RESEARCH AND DEVELOPMENT		\$11,187	\$2,525,443	\$277,736,979
				SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$73,964	\$495,618	\$508,200	\$277,736,979
							UNIVERSITY OF GEORGIA	SUB00002960	RESEARCH AND DEVELOPMENT		\$12,582	\$508,200	\$277,736,979
	EDUCATION AND HUMAN RESOURCES	47.076					\$281,764	\$2,623,916	\$2,738,365	\$277,736,979			
				CALIFORNIA STATE UNIVERSITY, EAST BAY	W1206-417	RESEARCH AND DEVELOPMENT		\$19,806	\$2,738,365	\$277,736,979			
				SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE	OSP-02-8300-2021-0010	RESEARCH AND DEVELOPMENT		\$7,837	\$2,738,365	\$277,736,979			
				TEXAS TECHNICAL UNIVERSITY	21P644-01	RESEARCH AND DEVELOPMENT		\$32,513	\$2,738,365	\$277,736,979			
				UNIVERSITY OF OREGON	2008ZOC	RESEARCH AND DEVELOPMENT		\$41,564	\$2,738,365	\$277,736,979			
					2012DOB	RESEARCH AND DEVELOPMENT		\$4,229	\$2,738,365	\$277,736,979			
				WASHINGTON STATE UNIVERSITY	133380-G003964	RESEARCH AND DEVELOPMENT		\$8,500	\$2,738,365	\$277,736,979			
	OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079						\$18,218	\$18,218	\$277,736,979			

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	INTEGRATIVE ACTIVITIES	47.083		HOWARD UNIVERSITY	0009861 -1000095661	RESEARCH AND DEVELOPMENT	\$2,748,563	\$7,166,185	\$7,574,541	\$277,736,979
				UNIVERSITY OF ARKANSAS	UA2023-335	RESEARCH AND DEVELOPMENT		-\$10,522	\$7,574,541	\$277,736,979
				UNIVERSITY OF VERMONT	33073SUBS2641	RESEARCH AND DEVELOPMENT		\$235,353	\$7,574,541	\$277,736,979
	NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084		UNIVERSITY OF LOUISVILLE	ULRF_22-0618-02	RESEARCH AND DEVELOPMENT		\$30,123	\$125,467	\$277,736,979
				VANDERBILT UNIVERSITY	OSA00000163	RESEARCH AND DEVELOPMENT		\$2,633	\$125,467	\$277,736,979
	Total						\$3,900,758	\$25,675,570		
SECURITIES AND EXCHANGE COMMISSION	SECURITIES AND EXCHANGE COMMISSION CONTRACT	58.RD	SEC082021 SEC102022			RESEARCH AND DEVELOPMENT		\$10,876	\$31,473	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$20,597	\$31,473	\$277,736,979
	Total							\$31,473		
SMALL BUSINESS ADMINISTRATION	SMALL BUSINESS DEVELOPMENT CENTERS	59.037	COVID-19			N/A	\$186,951	\$2,095,081	\$2,093,300	\$0
						N/A		-\$1,781	\$2,093,300	\$0
	Total						\$186,951	\$2,093,300		
TENNESSEE VALLEY AUTHORITY	TENNESSEE VALLEY AUTHORITY OTHER	62.RD	PO 7225606			RESEARCH AND DEVELOPMENT		\$77,816	\$77,816	\$277,736,979
	Total							\$77,816		
DEPARTMENT OF VETERANS AFFAIRS	VETERANS ADMINISTRATION CONTRACT	64.RD	36C24923C0027			RESEARCH AND DEVELOPMENT		\$13,728	\$223,054	\$277,736,979
			596D037017			RESEARCH AND DEVELOPMENT		\$19,229	\$223,054	\$277,736,979
			618-D24538			RESEARCH AND DEVELOPMENT		\$24,803	\$223,054	\$277,736,979
			642D26013			RESEARCH AND DEVELOPMENT		\$29,981	\$223,054	\$277,736,979
			PO583-D35056			RESEARCH AND DEVELOPMENT		\$20,042	\$223,054	\$277,736,979
			VA03032023			RESEARCH AND DEVELOPMENT		\$22,001	\$223,054	\$277,736,979
			VA05082023			RESEARCH AND DEVELOPMENT		\$20,073	\$223,054	\$277,736,979
			VA05112023			RESEARCH AND DEVELOPMENT		\$8,995	\$223,054	\$277,736,979
			VA05172023			RESEARCH AND DEVELOPMENT		\$64,202	\$223,054	\$277,736,979
	Total							\$223,054		
ENVIRONMENTAL PROTECTION AGENCY	STATE INDOOR RADON GRANTS	66.032		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002263	N/A		-\$226	\$91,311	\$0
					PON2 728 2200002147	N/A		\$26,969	\$91,311	\$0
					PON2 728 2200002615	N/A		\$64,568	\$91,311	\$0
	SURVEYS, STUDIES, INVESTIGATIONS, DEMONSTRATIONS, AND TRAINING GRANTS AND COOPERATIVE AGREEMENTS – SECTION 104(B)(3) OF THE CLEAN WATER ACT	66.436		UNIVERSITY OF WISCONSIN	PO# 0000000132	N/A		\$4,799	\$4,799	\$0
	GULF OF MEXICO PROGRAM	66.475		MISSISSIPPI STATE UNIVERSITY	080300.341765.03	N/A		\$58,038	\$58,038	\$0
	PERFORMANCE PARTNERSHIP GRANTS	66.605		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 129 2200000339	N/A		\$51,378	\$188,532	\$0
					PON2 129 2200000720	N/A		\$118,472	\$188,532	\$0
				KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2000002452	N/A		-\$56	\$188,532	\$0
					PON2 035 2200002328	N/A		\$18,738	\$188,532	\$0
	POLLUTION PREVENTION GRANTS PROGRAM	66.708		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 129 2300001440	N/A		\$8,030	\$8,030	\$0
	RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, TRAINING, DEMONSTRATIONS, AND STUDIES	66.716		EXTENSION FOUNDATION	SA-2022-24	N/A		\$10,451	\$10,451	\$0
	Total							\$361,161		
DEPARTMENT OF ENERGY	STATE ENERGY PROGRAM	81.041		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 141 2100002921	N/A		\$2,044	\$2,044	\$0
	OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ENCI MAT COMPANY	DE-SC0021727	RESEARCH AND DEVELOPMENT		\$1,971,940	\$2,195,144	\$277,736,979
				JACKSON STATE UNIVERSITY	634E31-UK	RESEARCH AND DEVELOPMENT		\$145	\$2,195,144	\$277,736,979
				POWERTECH WATER LLC	DE-SC0021567	RESEARCH AND DEVELOPMENT		\$24,303	\$2,195,144	\$277,736,979
					DE-SC0021567/0001	RESEARCH AND DEVELOPMENT		\$44,654	\$2,195,144	\$277,736,979
				THERMISOLN LLC XIANSEN LI	DE-SC0022734	RESEARCH AND DEVELOPMENT		\$29,713	\$2,195,144	\$277,736,979
				UNIVERSITY OF ARIZONA	688259	RESEARCH AND DEVELOPMENT		\$52,149	\$2,195,144	\$277,736,979
	CONSERVATION RESEARCH AND DEVELOPMENT	81.086		GENERAL MOTORS RESEARCH	PO 4301051658	RESEARCH AND DEVELOPMENT		\$72,240	\$2,195,144	\$277,736,979
				TOUCHSTONE RESEARCH LABORATORY	DE-EE0009115-2	RESEARCH AND DEVELOPMENT		\$30,730	\$132,792	\$277,736,979
				UNIVERSITY OF NORTH CAROLINA	20190915-01-UKR	RESEARCH AND DEVELOPMENT		\$68,550	\$132,792	\$277,736,979
	RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		ELECTRIC POWER RESEARCH INSTITUTE	10012813	RESEARCH AND DEVELOPMENT		\$33,512	\$132,792	\$277,736,979
				FLEX POWER CONTROL, INC	DE-EE0008352-003	RESEARCH AND DEVELOPMENT	\$231,919	\$976,613	\$1,002,358	\$277,736,979
				SECAT INC	21-01-MM-5006-KENTUCKY	RESEARCH AND DEVELOPMENT		\$13,794	\$1,002,358	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$1,926	\$1,002,358	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$10,025	\$1,002,358	\$277,736,979

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	FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		BATTELLE MEMORIAL INSTITUTE	US001-0000781138	RESEARCH AND DEVELOPMENT	\$492,407	\$4,463,290	\$5,587,329	\$277,736,979
				ELECTRIC POWER RESEARCH INSTITUTE	1-117174	RESEARCH AND DEVELOPMENT		\$47,091	\$5,587,329	\$277,736,979
				ILLINOIS STATE GEOLOGICAL SURVEY	106354-18651	RESEARCH AND DEVELOPMENT		\$239,569	\$5,587,329	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	S001347-USDOE	RESEARCH AND DEVELOPMENT		\$155,891	\$5,587,329	\$277,736,979
				SRI INTERNATIONAL	PO30903	RESEARCH AND DEVELOPMENT		\$59,446	\$5,587,329	\$277,736,979
				UNIVERSITY OF ILLINOIS	106354-18652	RESEARCH AND DEVELOPMENT		\$21,043	\$5,587,329	\$277,736,979
				UNIVERSITY OF NORTH DAKOTA	DOE082021	RESEARCH AND DEVELOPMENT		\$17,950	\$5,587,329	\$277,736,979
				UNIVERSITY OF SOUTHERN CALIFORNIA	140651150	RESEARCH AND DEVELOPMENT		\$66,056	\$5,587,329	\$277,736,979
				VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	429454-19660	RESEARCH AND DEVELOPMENT		\$30,167	\$5,587,329	\$277,736,979
				WEST VIRGINIA UNIVERSITY	MM000411008	RESEARCH AND DEVELOPMENT		\$47,326	\$5,587,329	\$277,736,979
		81.089				N/A		\$85,617	\$5,587,329	\$277,736,979
	ENVIRONMENTAL REMEDIATION AND WASTE PROCESSING AND DISPOSAL	81.104		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000001166	N/A		\$237,263	\$5,587,329	\$277,736,979
					PON2 728 2200004183	N/A		\$116,620	\$5,587,329	\$0
	NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121				RESEARCH AND DEVELOPMENT		-\$50	\$109,756	\$0
	ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		GENERAL ELECTRIC COMPANY	PO 401157490	RESEARCH AND DEVELOPMENT		\$109,806	\$109,756	\$0
				PRECISION COMBUSTION INCORPORATED	PO 2371	RESEARCH AND DEVELOPMENT		\$89,507	\$89,507	\$277,736,979
				UNIVERSITY OF WISCONSIN	0000001809	RESEARCH AND DEVELOPMENT		\$90,982	\$454,528	\$277,736,979
						N/A		\$76,042	\$454,528	\$277,736,979
								\$18,563	\$454,528	\$277,736,979
	ENVIRONMENTAL MONITORING/CLEANUP, CULTURAL AND RESOURCE MGMT., EMERGENCY RESPONSE RESEARCH, OUTREACH, TECHNICAL ANALYSIS	81.214				RESEARCH AND DEVELOPMENT		\$268,941	\$454,528	\$277,736,979
						N/A				\$0
	DEPARTMENT OF ENERGY CONTRACT	81.RD	2F-60065	ARGONNNE NATIONAL LABORATORY	2F-60065	RESEARCH AND DEVELOPMENT		\$2,524	\$1,782,695	\$277,736,979
			2F-60245	ARGONNNE NATIONAL LABORATORY	2F-60245	RESEARCH AND DEVELOPMENT		\$20,309	\$1,782,695	\$277,736,979
			2F-60297	ARGONNNE NATIONAL LABORATORY	2F-60297	RESEARCH AND DEVELOPMENT		\$43,525	\$1,782,695	\$277,736,979
			9F-60018	ARGONNNE NATIONAL LABORATORY	9F-60018	RESEARCH AND DEVELOPMENT		\$26,431	\$1,782,695	\$277,736,979
			607901	BATTELLE MEMORIAL INSTITUTE	607901	RESEARCH AND DEVELOPMENT		\$29,706	\$1,782,695	\$277,736,979
			693827	FERMI NATIONAL ACCELERATOR LAB	693827	RESEARCH AND DEVELOPMENT		\$45,468	\$1,782,695	\$277,736,979
			4000188852	UT-BATTELLE, LLC	4000188852	RESEARCH AND DEVELOPMENT		\$39,322	\$1,782,695	\$277,736,979
			4000192829	OAK RIDGE NATIONAL LABORATORY	4000192829	RESEARCH AND DEVELOPMENT		\$324	\$1,782,695	\$277,736,979
			4000194291	OAK RIDGE NATIONAL LABORATORY	4000194291	RESEARCH AND DEVELOPMENT		\$959,314	\$1,782,695	\$277,736,979
			B653635	LAWRENCE LIVERMORE NATIONAL LABORATORY	B653635	RESEARCH AND DEVELOPMENT		\$183,643	\$1,782,695	\$277,736,979
			PO 1993264	SANDIA NATIONAL LABORATORIES	PO 1993264	RESEARCH AND DEVELOPMENT		\$78,284	\$1,782,695	\$277,736,979
			PO 4000200869	OAK RIDGE NATIONAL LABORATORY	PO 4000200869	RESEARCH AND DEVELOPMENT		\$3,873	\$1,782,695	\$277,736,979
			PO 4000201774	OAK RIDGE NATIONAL LABORATORY	PO 4000201774	RESEARCH AND DEVELOPMENT		\$345,500	\$1,782,695	\$277,736,979
			ZCE-9-92158-01	ALLIANCE FOR SUSTAINABLE ENERGY LLC	ZCE-9-92158-01	RESEARCH AND DEVELOPMENT		\$4,472	\$1,782,695	\$277,736,979
	Total						\$760,128	\$11,637,314		
DEPARTMENT OF EDUCATION	FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007				STUDENT FINANCIAL ASSISTANCE		\$478,799	\$478,799	\$259,403,201
	UNDERGRADUATE INTERNATIONAL STUDIES AND FOREIGN LANGUAGE PROGRAMS	84.016				N/A				\$0
	SPECIAL EDUCATION - GRANTS TO STATES	84.027		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2100002220	SPECIAL EDUCATION CLUSTER (IDEA)		\$43,771	\$81,286	\$81,286
					PON2 540 2100002271	SPECIAL EDUCATION CLUSTER (IDEA)		-\$425	\$2,874,904	\$2,874,918
					PON2 540 2100002276	SPECIAL EDUCATION CLUSTER (IDEA)		-\$1,238	\$2,874,904	\$2,874,918
					PON2 540 2100002373	SPECIAL EDUCATION CLUSTER (IDEA)		-\$246	\$2,874,904	\$2,874,918
					PON2 540 2100002388	SPECIAL EDUCATION CLUSTER (IDEA)		\$974	\$2,874,904	\$2,874,918
					PON2 540 2100002391	SPECIAL EDUCATION CLUSTER (IDEA)		\$13	\$2,874,904	\$2,874,918
					PON2 540 2100002429	SPECIAL EDUCATION CLUSTER (IDEA)		-\$132	\$2,874,904	\$2,874,918
					PON2 540 2100002443	SPECIAL EDUCATION CLUSTER (IDEA)		-\$3,248	\$2,874,904	\$2,874,918
					PON2 540 2100002693	SPECIAL EDUCATION CLUSTER (IDEA)		\$503	\$2,874,904	\$2,874,918
					PON2 540 2200000693	SPECIAL EDUCATION CLUSTER (IDEA)		\$202,028	\$2,874,904	\$2,874,918
					PON2 540 2200003673	SPECIAL EDUCATION CLUSTER (IDEA)		\$370,008	\$2,874,904	\$2,874,918

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	SPECIAL EDUCATION – GRANTS TO STATES			KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2200003723	SPECIAL EDUCATION CLUSTER (IDEA)		\$395,035	\$2,874,904	\$2,874,918
					PON2 540 2200003733	SPECIAL EDUCATION CLUSTER (IDEA)		\$192,820	\$2,874,904	\$2,874,918
					PON2 540 2200003753	SPECIAL EDUCATION CLUSTER (IDEA)		\$54,557	\$2,874,904	\$2,874,918
					PON2 540 2200003804	SPECIAL EDUCATION CLUSTER (IDEA)		\$39,856	\$2,874,904	\$2,874,918
					PON2 540 2200003835	SPECIAL EDUCATION CLUSTER (IDEA)		\$206,194	\$2,874,904	\$2,874,918
					PON2 540 2200003850	SPECIAL EDUCATION CLUSTER (IDEA)		\$646,987	\$2,874,904	\$2,874,918
					PON2 540 2200003859	SPECIAL EDUCATION CLUSTER (IDEA)		\$261,265	\$2,874,904	\$2,874,918
					PON2 540 2300000741	SPECIAL EDUCATION CLUSTER (IDEA)		\$231,126	\$2,874,904	\$2,874,918
				UNIVERSITY OF KANSAS	FY2022-022	SPECIAL EDUCATION CLUSTER (IDEA)		-\$238	\$2,874,904	\$2,874,918
					FY2922-022-M1	SPECIAL EDUCATION CLUSTER (IDEA)		\$203,999	\$2,874,904	\$2,874,918
				UNIVERSITY OF TENNESSEE	A20-1076-S001-A01	SPECIAL EDUCATION CLUSTER (IDEA)		\$75,066	\$2,874,904	\$2,874,918
	HIGHER EDUCATION – INSTITUTIONAL AID	84.031		KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM	DOED070620	N/A		\$9,069	\$9,069	\$0
	FEDERAL WORK-STUDY PROGRAM	84.033				STUDENT FINANCIAL ASSISTANCE		\$2,553,986	\$2,553,986	\$259,403,201
	FEDERAL PERKINS LOAN (FPL)	84.038				STUDENT FINANCIAL ASSISTANCE		\$9,195,259	\$9,195,259	\$259,403,201
	TRIO – STUDENT SUPPORT SERVICES	84.042				TRIO CLUSTER		\$347,545	\$347,545	\$347,545
	CAREER AND TECHNICAL EDUCATION – BASIC GRANTS TO STATES	84.048		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2100002712	N/A		-\$96	\$21,667	\$0
					PON2 540 2200003640	N/A		\$21,763	\$21,667	\$0
	FEDERAL PELL GRANT PROGRAM	84.063				STUDENT FINANCIAL ASSISTANCE		\$26,364,450	\$26,364,450	\$259,403,201
	REHABILITATION SERVICES – VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2000001922	N/A		\$73	\$1,999,824	\$0
					PON2 531 2000004468	N/A		-\$722	\$1,999,824	\$0
					PON2 531 2100002650	N/A		-\$12	\$1,999,824	\$0
					PON2 531 2200003357	N/A		\$119,133	\$1,999,824	\$0
					PON2 531 2200004459	N/A		\$113,986	\$1,999,824	\$0
					PON2 531 2200004467	N/A		\$60,948	\$1,999,824	\$0
					PON2 531 2200004468	N/A		\$48,143	\$1,999,824	\$0
					PON2 531 2200004489	N/A		\$175,862	\$1,999,824	\$0
					PON2 531 2200004490	N/A		\$121,115	\$1,999,824	\$0
					PON2 531 2200004541	N/A		\$644,692	\$1,999,824	\$0
					PON2 531 2200004596	N/A		\$38,891	\$1,999,824	\$0
					PON2 531 2200004782	N/A		\$677,715	\$1,999,824	\$0
	REHABILITATION SERVICES – CLIENT ASSISTANCE PROGRAM	84.161		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612	N/A		\$82	\$340	\$0
					PON2 515 2300000084	N/A		\$258	\$340	\$0
	SPECIAL EDUCATION – PRESCHOOL GRANTS	84.173		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2100002399	SPECIAL EDUCATION CLUSTER (IDEA)		\$14	\$14	\$2,874,918
	SPECIAL EDUCATION - GRANTS FOR INFANTS AND FAMILIES	84.181		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000004104	N/A		-\$659	\$45,641	\$0
					PON2 728 2300001002	N/A		\$46,300	\$45,641	\$0
	SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES – NATIONAL PROGRAMS	84.184		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2200001311	N/A		\$49,259	\$118,356	\$0
					PON2 540 2300001194	N/A		\$69,097	\$118,356	\$0
	SUPPORTED EMPLOYMENT SERVICES FOR INDIVIDUALS WITH THE MOST SIGNIFICANT DISABILITIES	84.187		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2000002010	N/A				\$0
	GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200				N/A		\$237,902	\$234,454	\$0
					PON2 728 2000001759	N/A		-\$3,448	\$234,454	\$0
	FUND FOR THE IMPROVEMENT OF EDUCATION	84.215		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	DOED032023	RESEARCH AND DEVELOPMENT		\$71,113	\$89,617	\$277,736,979
				PRICHARD COMMITTEE FOR ACADEMIC EXCELLENCE				\$18,504	\$89,617	\$0
				WESTERN MICHIGAN UNIVERSITY	11094 - UK1	N/A		\$25	\$4,579	\$0
	PROGRAM OF PROTECTION AND ADVOCACY OF INDIVIDUAL RIGHTS	84.240		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612	N/A		\$4,554	\$4,579	\$0
					PON2 515 2300000084	N/A		\$457,538	\$457,538	\$0
	REHABILITATION TRAINING, CONTINUING EDUCATION	84.264		UNIVERSITY OF WISCONSIN	0000001063	N/A				\$0
	FEDERAL DIRECT STUDENT LOANS	84.268				STUDENT FINANCIAL ASSISTANCE		\$216,044,201	\$216,044,201	\$259,403,201
	EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305				RESEARCH AND DEVELOPMENT	\$11,003	\$505,829	\$505,829	\$277,736,979
	SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2200000563	N/A		\$67,229	\$125,910	\$0
				UNIVERSITY OF TENNESSEE	A21-1166-S002	N/A		\$58,681	\$125,910	\$0
	RESEARCH IN SPECIAL EDUCATION	84.324				RESEARCH AND DEVELOPMENT		\$134,936	\$134,936	\$277,736,979
	SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2200001133	N/A	\$237,649	\$1,714,634	\$1,798,999	\$0
					PON2 540 2300001052	N/A		\$4,879	\$1,798,999	\$0
				UNIVERSITY OF FLORIDA	2200967386	N/A		\$42,199	\$1,798,999	\$0
							\$34,013	\$37,287	\$1,798,999	\$0

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	SPECIAL EDUCATION – TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326		UNIVERSITY OF CINCINNATI	011841-0006	N/A		\$150,171	\$259,302	\$0
				UNIVERSITY OF MINNESOTA	A006557001	N/A		\$40,219	\$259,302	\$0
	ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365				N/A		\$68,912	\$259,302	\$0
	GRANTS FOR ENHANCED ASSESSMENT INSTRUMENTS	84.368		KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2300001164	N/A		\$924,369	\$924,369	\$0
	STATEWIDE LONGITUDINAL DATA SYSTEMS	84.372		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2100002432	RESEARCH AND DEVELOPMENT		\$10,166	\$10,166	\$0
					PON2 531 2200004083	RESEARCH AND DEVELOPMENT		-\$202	\$12,811	\$277,736,979
				WESTAT	6738-S-002	N/A		\$13,013	\$12,811	\$277,736,979
	SPECIAL EDUCATION – TECHNICAL ASSISTANCE ON STATE DATA COLLECTION	84.373				N/A		\$325,464	\$325,464	\$0
	SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423		WESTERN MICHIGAN UNIVERSITY	UK10797	RESEARCH AND DEVELOPMENT		\$27,844	\$27,844	\$277,736,979
	EDUCATION STABILIZATION FUND	84.425	COVID-19, 84 425D	KENTUCKY EDUCATION AND LABOR CABINET	PON2 540 2200000693	N/A		\$24,545	\$519,172	\$0
			COVID-19, 84 425U		PON2 540 2200001004	N/A		-\$777	\$519,172	\$0
			COVID-19, 84 425U		PON2 540 2300000916	N/A		\$268,310	\$519,172	\$0
			COVID-19, 84 425C	KENTUCKY GENERAL GOVERNMENT CABINET	PON2 415 2100003098	N/A		\$56,497	\$519,172	\$0
			COVID-19, 84 425U		PON2 415 2200002654	N/A		\$24,480	\$519,172	\$0
			COVID-19, 84 425C		SC 415 2200000507	N/A		\$130,117	\$519,172	\$0
	DEPARTMENT OF EDUCATION CONTRACT	84.U01	DOED012023			N/A		\$67,180	\$67,180	\$0
	Total							\$326,436	\$265,635,543	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	CIVIL RIGHTS AND PRIVACY RULE COMPLIANCE ACTIVITIES	93.001				RESEARCH AND DEVELOPMENT		\$18,454	\$18,454	\$277,736,979
	NATIONAL ORGANIZATIONS OF STATE AND LOCAL OFFICIALS	93.011	COVID-19			N/A		\$1,128,168	\$1,128,168	\$0
	SPECIAL PROGRAMS FOR THE AGING – TITLE IV – AND TITLE II DISCRETIONARY PROJECTS	93.048		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 725 2000003475	N/A		-\$147	\$37,017	\$0
					PON2 725 2200004262	N/A		\$37,164	\$37,017	\$0
	ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200002816	N/A		\$141,267	\$178,747	\$0
					PON2 728 2200003819	N/A		\$20,084	\$178,747	\$0
			COVID-19	KENTUCKY CABINET FOR HEALTH	PON2 728 2200004078	N/A		\$17,396	\$178,747	\$0
				UNIVERSITY OF VERMONT	32359SUB00000327	RESEARCH AND DEVELOPMENT		\$178,225	\$178,225	\$277,736,979
	FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077				N/A		\$2,009	\$12,098	\$0
	BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080		UNIVERSITY OF NORTH CAROLINA	5123586	N/A		\$10,089	\$12,098	\$0
					5126722	N/A		\$10,089	\$12,098	\$0
	HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		GATEWAY COMMUNITY SERVICES ORGANIZATION	90ZB001302	N/A		\$145,442	\$477,199	\$0
					90ZJ001202	N/A		\$142,975	\$477,199	\$0
				MOUNTAIN COMPREHENSIVE CARE CENTER	ACF022021	N/A		\$188,782	\$477,199	\$0
	ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE	93.087		MOUNTAIN COMPREHENSIVE CARE CENTER	ACF122017	RESEARCH AND DEVELOPMENT		\$39,806	\$98,129	\$277,736,979
		93.087		MOUNTAIN COMPREHENSIVE CARE CENTER	90CU0120-01-00	N/A		\$58,323	\$98,129	\$0
	ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088				RESEARCH AND DEVELOPMENT	\$50,381	\$242,411	\$242,411	\$277,736,979
	FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103				RESEARCH AND DEVELOPMENT		\$2,966,470	\$3,154,570	\$277,736,979
		93.103				N/A		\$39,414	\$3,154,570	\$0
				KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200000215	N/A		\$148,686	\$3,154,570	\$0
	COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002213	N/A		-\$1,194	\$397,104	\$0
					PON2 729 2000002766	N/A		-\$1,802	\$397,104	\$0
					PON2 729 2200001738	N/A		\$74,709	\$397,104	\$0
					PON2 729 2200002369	N/A		\$296,816	\$397,104	\$0
				NEVADA DEPT OF HHS	5479SM062474-04	N/A		\$28,575	\$397,104	\$0
	AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107		UNIVERSITY OF LOUISVILLE	ULRF 17-1164D-04	N/A	\$96,772	\$108,800	\$507,852	\$0
					ULRF 22-0847-04	N/A		\$330,814	\$399,052	\$507,852
	MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110				N/A		\$429,138	\$7,795,724	\$0
				HEMOPHILIA OF GEORGIA INCORPORATED	2 H30MC24046-11-00	N/A		\$429,138	\$7,795,724	\$0
					5 H30MC24046-10-00	N/A		\$7,127,750	\$7,795,724	\$0
					5 H30MC24046-12-00	N/A		-\$6,263	\$7,795,724	\$0
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200004156	N/A		\$189,188	\$7,795,724	\$0
						N/A		\$55,911	\$7,795,724	\$0

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	ENVIRONMENTAL HEALTH	93.113		CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER	309652	RESEARCH AND DEVELOPMENT	\$896,194	\$3,903,901	\$4,043,783	\$277,736,979
				UNIVERSITY OF ILLINOIS AT CHICAGO	17214	RESEARCH AND DEVELOPMENT		\$3,109	\$4,043,783	\$277,736,979
	ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF FLORIDA	SUB00002605	RESEARCH AND DEVELOPMENT	\$339,470	\$2,498,268	\$2,561,378	\$277,736,979
				UNIVERSITY OF NEVADA	GR12394	RESEARCH AND DEVELOPMENT		\$30,880	\$2,561,378	\$277,736,979
					GR16661	RESEARCH AND DEVELOPMENT		\$16,420	\$2,561,378	\$277,736,979
				VIRGINIA COMMONWEALTH UNIVERSITY	FP00017310_SA002	RESEARCH AND DEVELOPMENT		\$14,110	\$2,561,378	\$277,736,979
	EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127		KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM	HRS0402022	N/A		\$1,700	\$2,561,378	\$277,736,979
	COOPERATIVE AGREEMENTS TO STATES/TERRITORIES FOR THE COORDINATION AND DEVELOPMENT OF PRIMARY CARE OFFICES	93.130		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003288	N/A		\$7,200	\$2,561,378	\$0
	INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136			PON2 728 2200003816	N/A		\$17,421	\$2,561,378	\$0
		93.136				N/A		\$7,103	\$2,561,378	\$0
	PROTECTION AND ADVOCACY FOR INDIVIDUALS WITH MENTAL ILLNESS	93.138		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612	N/A		\$11,089	\$10,848,694	\$277,736,979
	NIHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143		BLUEGRASS ADVANCED MATERIALS LLC	PON2 515 2300000084	N/A		\$19	\$1,137	\$0
	AIDS EDUCATION AND TRAINING CENTERS COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.145		VANDERBILT UNIVERSITY	VUMC56746	N/A		\$1,118	\$1,137	\$0
	RURAL HEALTH RESEARCH CENTERS	93.155			1R43ES032380-01	RESEARCH AND DEVELOPMENT		\$2,078,026	\$2,083,070	\$277,736,979
		93.155				RESEARCH AND DEVELOPMENT		\$5,044	\$2,083,070	\$277,736,979
			COVID-19			N/A		\$247,871	\$247,871	\$0
						N/A		\$390,400	\$390,400	\$0
						RESEARCH AND DEVELOPMENT		\$7,846	\$652,561	\$557,825
						N/A		\$7,525	\$557,825	\$0
	GRANTS TO STATES FOR LOAN REPAYMENT	93.165				N/A		\$14,911	\$557,825	\$0
			COVID-19			N/A		\$133,250	\$511,385	\$0
						N/A		\$342,325	\$511,385	\$0
	HUMAN GENOME RESEARCH	93.172		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0000067	RESEARCH AND DEVELOPMENT		\$90,853	\$90,853	\$277,736,979
	RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		INDIANA UNIVERSITY	8800-UKRF	RESEARCH AND DEVELOPMENT	\$172,103	\$1,248,780	\$1,750,080	\$277,736,979
					9420-UKRF	RESEARCH AND DEVELOPMENT		\$45,669	\$1,750,080	\$277,736,979
				MARQUETTE UNIVERSITY	001722-01-04	RESEARCH AND DEVELOPMENT		\$40,785	\$1,750,080	\$277,736,979
				UNIVERSITY OF COLORADO	FY20.1038.001	RESEARCH AND DEVELOPMENT		\$18,427	\$1,750,080	\$277,736,979
				UNIVERSITY OF FLORIDA	SUB00003303	RESEARCH AND DEVELOPMENT		\$263,444	\$1,750,080	\$277,736,979
				UNIVERSITY OF MARYLAND, BALTIMORE	1500147A	RESEARCH AND DEVELOPMENT		\$47,438	\$1,750,080	\$277,736,979
	IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION, TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS	93.185		ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	12-8818-22	N/A		\$85,537	\$1,750,080	\$277,736,979
			COVID-19	UNIVERSITY OF FLORIDA	SUB00002842	N/A		\$49,312	\$287,708	\$0
					SUB00003365	N/A		\$22,497	\$287,708	\$0
	TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF VIRGINIA	AWD-001668.GR100610	N/A		\$215,899	\$287,708	\$0
					GB10344.P0#2158575	N/A		\$6,861	\$8,543	\$0
						N/A		\$1,682	\$8,543	\$0
	RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213		MASSACHUSETTS GENERAL HOSPITAL	236636	RESEARCH AND DEVELOPMENT	\$131,210	\$423,616	\$464,041	\$277,736,979
	FAMILY PLANNING SERVICES	93.217		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002905	N/A		\$40,425	\$464,041	\$277,736,979
					PON2 728 2200002613	N/A		-\$171	\$375,431	\$0
	DEVELOPMENT AND COORDINATION OF RURAL HEALTH SERVICES	93.223				N/A		\$375,602	\$375,431	\$0
	CONSOLIDATED HEALTH CENTERS (COMMUNITY HEALTH CENTERS, MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE)	93.224				N/A		\$29,232	\$327,879	\$0
			COVID-19			HEALTH CENTER PROGRAM CLUSTER		\$2,435,282	\$2,964,263	\$3,057,191
						HEALTH CENTER PROGRAM CLUSTER		\$528,981	\$2,964,263	\$3,057,191
	RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		UNIVERSITY OF NORTH CAROLINA	5112535	RESEARCH AND DEVELOPMENT	\$100	\$127,684	\$131,824	\$277,736,979
	NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		UNIVERSITY OF FLORIDA	SUB00002424	RESEARCH AND DEVELOPMENT		\$4,140	\$131,824	\$277,736,979
				UNIVERSITY OF WASHINGTON	UWSC12402	RESEARCH AND DEVELOPMENT		\$369,905	\$375,571	\$277,736,979
	STATE RURAL HOSPITAL FLEXIBILITY PROGRAM	93.241				N/A		\$5,666	\$375,571	\$277,736,979
						N/A		\$21,265	\$268,780	\$0

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	MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF CALIFORNIA, DAVIS	A20-0907-S001	RESEARCH AND DEVELOPMENT	\$119,566	\$1,280,278	\$1,352,532	\$277,736,979
	SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES – PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ISAAH HOUSE INCORPORATED	SAMHSA10222021	RESEARCH AND DEVELOPMENT		\$72,254	\$1,352,532	\$277,736,979
				MOUNTAIN COMPREHENSIVE CARE CENTER	SAMHSA122017	RESEARCH AND DEVELOPMENT		\$78,863	\$2,410,209	\$277,736,979
				UNIVERSITY OF MARYLAND, BALTIMORE	3043 Request: 2993	RESEARCH AND DEVELOPMENT		\$49,168	\$2,410,209	\$277,736,979
		93.243		CHILDREN'S HOSPITAL OF PHILADELPHIA	3201450922	N/A		\$33,317	\$2,410,209	\$277,736,979
				CHRYSALIS INC	1H79T1084737-01	N/A		\$863,280	\$2,410,209	\$0
				HOPE CENTER OF LEXINGTON	3201450923	N/A		\$18,248	\$2,410,209	\$0
				KENTON COUNTY DETENTION CENTER	H79T1084737	N/A		\$69,179	\$2,410,209	\$0
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	3201450923	N/A		\$69,179	\$2,410,209	\$0
					1H79T1084737-01	N/A		\$43,644	\$2,410,209	\$0
					H79T1084737	N/A		\$7,342	\$2,410,209	\$0
					SAMHSA032020	N/A		\$86,492	\$2,410,209	\$0
					SAMHSA092021	N/A		\$118,483	\$2,410,209	\$0
					SAMHSA112018	N/A		\$37,212	\$2,410,209	\$0
					SAMHSA112018	N/A		\$8,221	\$2,410,209	\$0
					PON2 729 2000002766	N/A		-\$595	\$2,410,209	\$0
					PON2 729 2200002369	N/A		\$108,219	\$2,410,209	\$0
					PON2 729 2300001503	N/A		\$22,078	\$2,410,209	\$0
					PON2 540 2100002110	N/A		-\$214	\$2,410,209	\$0
					PON2 540 2200003101	N/A		\$229,941	\$2,410,209	\$0
					PON2 540 2200004519	N/A		\$206,914	\$2,410,209	\$0
					PON2 540 2300002603	N/A		\$48,406	\$2,410,209	\$0
					PON2 540 2300002653	N/A		\$23,997	\$2,410,209	\$0
					1H79T1084804-01	N/A		\$75,521	\$2,410,209	\$0
					H79SP08309	N/A		\$44,324	\$2,410,209	\$0
					1H79T1084735-01	N/A		\$60,153	\$2,410,209	\$0
					SAMHSA122019	N/A		\$33,384	\$2,410,209	\$0
					TI-20-007	N/A		\$79,973	\$2,410,209	\$0
			COVID-19			N/A		\$64,659	\$2,410,209	\$0
	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	00075195-01	RESEARCH AND DEVELOPMENT	\$147,800	\$1,317,550	\$3,779,155	\$277,736,979
			COVID-19			RESEARCH AND DEVELOPMENT		\$171,405	\$3,779,155	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$608,473	\$3,779,155	\$277,736,979
		93.262		UNIVERSITY OF CINCINNATI	013704-00024	N/A	\$303,641	\$1,679,067	\$3,779,155	\$0
						N/A		\$2,660	\$3,779,155	\$0
	NURSE FACULTY LOAN PROGRAM (NFLP)	93.264				STUDENT FINANCIAL ASSISTANCE		\$37,460	\$37,460	\$259,403,201
	IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002718	N/A		-\$766	\$521,803	\$0
					PON2 728 2200001911	N/A		\$16,040	\$521,803	\$0
					PON2 728 2200003719	N/A		\$506,529	\$521,803	\$0
					PON2 728 2200003772	N/A		\$43,059	\$43,059	\$0
	ADULT VIRAL HEPATITIS PREVENTION AND CONTROL	93.270		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES		RESEARCH AND DEVELOPMENT		\$814,513	\$4,670,636	\$277,736,979
	ALCOHOL RESEARCH PROGRAMS	93.273		NAPROGENIX AGTECC	2R44AA025804-03	RESEARCH AND DEVELOPMENT		\$144,686	\$4,670,636	\$277,736,979
					3R44AA025804-03S1	RESEARCH AND DEVELOPMENT		\$1,851	\$4,670,636	\$277,736,979
				UNIVERSITY OF TEXAS AT AUSTIN	UTA18-001537 / UT AUS-SUB	RESEARCH AND DEVELOPMENT		\$34,083	\$4,670,636	\$277,736,979
				UNIVERSITY OF WISCONSIN	845K003	RESEARCH AND DEVELOPMENT		\$27,861	\$4,670,636	\$277,736,979
				VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	432144-19660	RESEARCH AND DEVELOPMENT		\$33,570	\$4,670,636	\$277,736,979
				YALE UNIVERSITY	CON-80004134 (GR119098)	RESEARCH AND DEVELOPMENT		\$9,644	\$4,670,636	\$277,736,979
	DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY	NIH122022	RESEARCH AND DEVELOPMENT		\$928,169	\$40,541,229	\$277,736,979
				ARIZONA STATE UNIVERSITY	ASUB00000636	RESEARCH AND DEVELOPMENT		\$1,711	\$41,068,579	\$277,736,979
				BOSTON MEDICAL CENTER CORPORATION	4300004304; PO 100310177	RESEARCH AND DEVELOPMENT		-\$575	\$41,068,579	\$277,736,979
				COLUMBIA UNIVERSITY	11(GC015428-07)	RESEARCH AND DEVELOPMENT		\$11,440	\$41,068,579	\$277,736,979
				EAST CAROLINA UNIVERSITY	AWD-20-1626-S001	RESEARCH AND DEVELOPMENT		\$7,547	\$41,068,579	\$277,736,979
				JACKSON LABORATORY	210339-0123-03	RESEARCH AND DEVELOPMENT		\$42,202	\$41,068,579	\$277,736,979

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		MARSHALL UNIVERSITY RESEARCH CORPORATION	P2200465	RESEARCH AND DEVELOPMENT		\$19,778	\$41,068,579	\$277,736,979
				MEDICAL COLLEGE OF WISCONSIN INC	PO# 6239874	RESEARCH AND DEVELOPMENT		\$85,006	\$41,068,579	\$277,736,979
				MOUNT SINAI	0255-H181-4609	RESEARCH AND DEVELOPMENT		\$8,918	\$41,068,579	\$277,736,979
				NEW YORK UNIVERSITY	20-A0-00-1005342	RESEARCH AND DEVELOPMENT		\$1,605	\$41,068,579	\$277,736,979
				NORTHWESTERN UNIVERSITY	60059831 UKY	RESEARCH AND DEVELOPMENT		\$4,138	\$41,068,579	\$277,736,979
				OHIO STATE UNIVERSITY	GR128884	RESEARCH AND DEVELOPMENT		\$27,870	\$41,068,579	\$277,736,979
				ROWAN UNIVERSITY	51421-1	RESEARCH AND DEVELOPMENT		\$68,045	\$41,068,579	\$277,736,979
				UNIVERSITY OF CINCINNATI	013764-00024	RESEARCH AND DEVELOPMENT		\$24,720	\$41,068,579	\$277,736,979
					013764-00037	RESEARCH AND DEVELOPMENT		\$13,180	\$41,068,579	\$277,736,979
				UNIVERSITY OF GEORGIA	SUB00002075	RESEARCH AND DEVELOPMENT		\$12,730	\$41,068,579	\$277,736,979
				UNIVERSITY OF MARYLAND, BALTIMORE	20592 REQUEST: 2115	RESEARCH AND DEVELOPMENT		\$35,241	\$41,068,579	\$277,736,979
				UNIVERSITY OF PITTSBURGH	AWD00006300 (138503-2)	RESEARCH AND DEVELOPMENT		\$62,268	\$41,068,579	\$277,736,979
				UNIVERSITY OF SOUTH CAROLINA	18-3642	RESEARCH AND DEVELOPMENT		\$90,086	\$41,068,579	\$277,736,979
	DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$193,046	\$906,471	\$277,736,979	
	SMALL RURAL HOSPITAL IMPROVEMENT GRANT PROGRAM	93.301				N/A		\$587,018	\$587,018	\$0
	NATIONAL STATE BASED TOBACCO CONTROL PROGRAMS	93.305		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002380	RESEARCH AND DEVELOPMENT		-\$1,291	\$41,603	\$277,736,979
		93.305		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002513	N/A		-\$219	\$41,603	\$0
					PON2 728 2200003768	N/A		\$43,113	\$41,603	\$0
	MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		MEHARRY MEDICAL COLLEGE GRANTS MANAGEMENT OFFICE	220127SEA014	RESEARCH AND DEVELOPMENT		\$986,557	\$1,449,470	\$277,736,979
				MOREHOUSE SCHOOL OF MEDICINE INC	PRC 10.14.21	RESEARCH AND DEVELOPMENT		\$10,394	\$1,449,470	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	UKYMD014141	RESEARCH AND DEVELOPMENT		\$304,314	\$1,449,470	\$277,736,979
				UNIVERSITY OF NORTH CAROLINA	5111632	RESEARCH AND DEVELOPMENT		\$33,410	\$1,449,470	\$277,736,979
				UNIVERSITY OF VIRGINIA	GB10972.P0#2366463	RESEARCH AND DEVELOPMENT		\$51,388	\$1,449,470	\$277,736,979
				VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	432098-19660	RESEARCH AND DEVELOPMENT		\$18,880	\$1,449,470	\$277,736,979
	TRANS-NIH RESEARCH SUPPORT	93.310		DUKE UNIVERSITY	A035629	RESEARCH AND DEVELOPMENT	\$478,503	\$1,158,484	\$2,112,540	\$277,736,979
				UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	56493 - UKRF	RESEARCH AND DEVELOPMENT		-\$346	\$2,112,540	\$277,736,979
			COVID-19			RESEARCH AND DEVELOPMENT		\$128,537	\$2,112,540	\$277,736,979
	OUTREACH PROGRAMS TO REDUCE THE PREVALENCE OF OBESITY IN HIGH RISK RURAL AREAS	93.319				N/A		\$825,865	\$2,112,540	\$277,736,979
	EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323	COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003976	RESEARCH AND DEVELOPMENT		\$496,626	\$496,626	\$0
		93.323		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 721 2200003032	N/A		\$21,853	\$2,242,675	\$277,736,979
					PON2 723 2300001212	N/A		\$14,039	\$2,242,675	\$0
					PON2 728 2000001848	N/A		\$68,935	\$2,242,675	\$0
					PON2 728 2200000264	N/A		\$3	\$2,242,675	\$0
					PON2 728 2200003719	N/A		-\$4	\$2,242,675	\$0
					PON2 728 2200003719	N/A		\$69,786	\$2,242,675	\$0
					PON2 739 2100001118	N/A		-\$5	\$2,242,675	\$0
			COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003935	N/A		\$2,068,068	\$2,242,675	\$0
	PARALYSIS RESOURCE CENTER	93.325		CHRISTOPHER AND DANA REEVE FOUNDATION	ACL012021	N/A		\$15,340	\$18,476	\$0
						N/A		\$3,136	\$18,476	\$0
	HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342				STUDENT FINANCIAL ASSISTANCE		\$4,139,543	\$4,139,543	\$259,403,201
	LEADING EDGE ACCELERATION PROJECTS (LEAP) IN HEALTH INFORMATION TECHNOLOGY	93.345		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200002816	N/A		\$219,868	\$219,868	\$0

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	NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		HARVARD UNIVERSITY	153185.5110599.0503	RESEARCH AND DEVELOPMENT		\$3,893,046	\$4,291,483	\$277,736,979
				MEDICAL UNIVERSITY OF SOUTH CAROLINA	A20-0049-S002	RESEARCH AND DEVELOPMENT		\$50,713	\$4,291,483	\$277,736,979
				OREGON HEALTH AND SCIENCES UNIVERSITY	1013749_UKY	RESEARCH AND DEVELOPMENT		\$126,224	\$4,291,483	\$277,736,979
	RESEARCH INFRASTRUCTURE PROGRAMS	93.351				RESEARCH AND DEVELOPMENT	\$40,404	\$1,483,324	\$1,483,324	\$277,736,979
	21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	93.353		THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	700178-0623-00	RESEARCH AND DEVELOPMENT	\$873,341	\$1,296,945	\$1,601,242	\$277,736,979
								\$304,297	\$1,601,242	\$277,736,979
	PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003217	N/A		\$806	\$63,913	\$0
					PON2 728 2200003719	N/A		\$10,227	\$63,913	\$0
					PON2 728 2200003772	N/A		\$9,929	\$63,913	\$0
			COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003772	N/A		\$3,864	\$63,913	\$0
					PON2 728 2200004407	N/A		\$39,087	\$63,913	\$0
	NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359					\$20,030	\$175,473	\$175,473	\$0
	NURSING RESEARCH	93.361				RESEARCH AND DEVELOPMENT	\$28,008	\$943,831	\$951,807	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	UKYNR020052	RESEARCH AND DEVELOPMENT		\$7,976	\$951,807	\$277,736,979
	NATIONAL AND STATE TOBACCO CONTROL PROGRAM (B)	93.387		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002380	RESEARCH AND DEVELOPMENT		-\$2,191	\$104,892	\$277,736,979
					PON2 728 2200001780	RESEARCH AND DEVELOPMENT		\$44,489	\$104,892	\$277,736,979
		93.387		FRANKLIN COUNTY HEALTH DEPARTMENT	2313727001	N/A		\$4,000	\$104,892	\$0
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200004469	N/A		\$34,471	\$104,892	\$0
				NORTHERN KY INDEP. DISTRICT HEALTH DEPT	23-310-389-12	N/A		\$24,123	\$104,892	\$0
	ACTIVITIES TO SUPPORT STATE, TRIBAL, LOCAL AND TERRITORIAL (STLT) HEALTH DEPARTMENT RESPONSE TO PUBLIC HEALTH OR HEALTHCARE CRISES	93.391		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003267	N/A		\$11,414	\$147,645	\$0
			COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2300001110	N/A		\$11,705	\$147,645	\$0
					PON2 728 2300001748	N/A		\$25,081	\$147,645	\$0
					PON2 728 2300002616	N/A		\$2,110	\$147,645	\$0
				WESTERN KENTUCKY UNIVERSITY	544230-22-001	N/A		\$97,335	\$147,645	\$0
	CANCER CAUSE AND PREVENTION RESEARCH	93.393				RESEARCH AND DEVELOPMENT	\$194,370	\$2,498,956	\$4,062,446	\$277,736,979
				BOSTON CHILDRENS HOSPITAL	GENFD0002218053	RESEARCH AND DEVELOPMENT		\$207,919	\$4,062,446	\$277,736,979
				CHAPMAN UNIVERSITY	500533-SUB2	RESEARCH AND DEVELOPMENT		\$87,575	\$4,062,446	\$277,736,979
				DUKE UNIVERSITY	A031429	RESEARCH AND DEVELOPMENT		\$46,610	\$4,062,446	\$277,736,979
				EMORY UNIVERSITY	A579319	RESEARCH AND DEVELOPMENT		\$13,977	\$4,062,446	\$277,736,979
				HEALTH RESEARCH INCORPORATED	286-01	RESEARCH AND DEVELOPMENT		\$100,457	\$4,062,446	\$277,736,979
				OHIO STATE UNIVERSITY	SPC-1000003828 GR115701	RESEARCH AND DEVELOPMENT		\$28,988	\$4,062,446	\$277,736,979
					SPC-1000003829 GR115703	RESEARCH AND DEVELOPMENT		\$45,464	\$4,062,446	\$277,736,979
					SPC-1000003830 GR115707	RESEARCH AND DEVELOPMENT		\$51,286	\$4,062,446	\$277,736,979
					SPC-1000003831 GR115711	RESEARCH AND DEVELOPMENT		\$45,721	\$4,062,446	\$277,736,979
					SPC-1000003832 GR115715	RESEARCH AND DEVELOPMENT		\$95,501	\$4,062,446	\$277,736,979
					SPC-1000003833 GR115722	RESEARCH AND DEVELOPMENT		\$26,297	\$4,062,446	\$277,736,979
	CANCER CAUSE AND PREVENTION RESEARCH			OHIO STATE UNIVERSITY	SPC-1000004544 GR121073	RESEARCH AND DEVELOPMENT		\$16,434	\$4,062,446	\$277,736,979
					SPC-1000005493 GR124090	RESEARCH AND DEVELOPMENT		\$165,240	\$4,062,446	\$277,736,979
				RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK	94036/21174157	RESEARCH AND DEVELOPMENT		\$34,162	\$4,062,446	\$277,736,979
				STANFORD UNIVERSITY	1869	RESEARCH AND DEVELOPMENT		\$10,007	\$4,062,446	\$277,736,979
				UNIVERSITY OF COLORADO	62273130-127830	RESEARCH AND DEVELOPMENT		\$64,702	\$4,062,446	\$277,736,979
				UNIVERSITY OF IOWA	FY22.1149.001	RESEARCH AND DEVELOPMENT		\$152,286	\$4,062,446	\$277,736,979
					S02320-01	RESEARCH AND DEVELOPMENT		\$55,066	\$4,062,446	\$277,736,979
					S03439-01	RESEARCH AND DEVELOPMENT		\$62,504	\$4,062,446	\$277,736,979
				UNIVERSITY OF MARYLAND, BALTIMORE	21001	RESEARCH AND DEVELOPMENT		\$44,794	\$4,062,446	\$277,736,979
					206559	RESEARCH AND DEVELOPMENT		\$61,699	\$4,062,446	\$277,736,979
				UNIVERSITY OF MICHIGAN	3004700014	RESEARCH AND DEVELOPMENT		\$889	\$4,062,446	\$277,736,979
				UNIVERSITY OF PENNSYLVANIA	576762	RESEARCH AND DEVELOPMENT		\$74,276	\$4,062,446	\$277,736,979
				UNIVERSITY OF PUERTO RICO	NIH112020	RESEARCH AND DEVELOPMENT		\$27,265	\$4,062,446	\$277,736,979
				VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC85335 5R01CA24009304	RESEARCH AND DEVELOPMENT		\$19,009	\$4,062,446	\$277,736,979
				WAKE FOREST UNIVERSITY	20-32751-10000550943	RESEARCH AND DEVELOPMENT		\$25,362	\$4,062,446	\$277,736,979

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	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		BIOPTICS TECHNOLOGY LLC	1R41CA243600-01	RESEARCH AND DEVELOPMENT	\$299,652	\$853,672	\$1,026,584	\$277,736,979
				CLARIX IMAGING CORPORATION	2R44CA206801-04	RESEARCH AND DEVELOPMENT		-\$1,444	\$1,026,584	\$277,736,979
				PUBLIC HEALTH INSTITUTE	ALTE1631	RESEARCH AND DEVELOPMENT		\$93,847	\$1,026,584	\$277,736,979
				RUTGERS UNIVERSITY	1532	RESEARCH AND DEVELOPMENT		\$989	\$1,026,584	\$277,736,979
				VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC61546	RESEARCH AND DEVELOPMENT		\$28,880	\$1,026,584	\$277,736,979
				WILD DOG PHYSICS LLC	1R43CA261417-01	RESEARCH AND DEVELOPMENT		\$1,040	\$1,026,584	\$277,736,979
	CANCER TREATMENT RESEARCH	93.395		BIOMIMETIX JV LLC	00062660	RESEARCH AND DEVELOPMENT	\$663,820	\$49,600	\$1,026,584	\$277,736,979
				BRIGHAM AND WOMEN'S HOSPITAL	BMX-MBM-001	RESEARCH AND DEVELOPMENT		\$4,810,055	\$5,373,231	\$277,736,979
				NRG ONCOLOGY FOUNDATION INCORPORATED	KY010	RESEARCH AND DEVELOPMENT		\$15,444	\$5,373,231	\$277,736,979
				OHIO STATE UNIVERSITY	NIH062014	RESEARCH AND DEVELOPMENT		\$15,801	\$5,373,231	\$277,736,979
				PUBLIC HEALTH INSTITUTE	60075819	RESEARCH AND DEVELOPMENT		\$108,549	\$5,373,231	\$277,736,979
			COVID-19	CHILDREN'S HOSPITAL OF PHILADELPHIA	UG1CA189955	RESEARCH AND DEVELOPMENT		\$1,600	\$5,373,231	\$277,736,979
				PUBLIC HEALTH INSTITUTE	9500080216-S7XX	RESEARCH AND DEVELOPMENT		-\$478	\$5,373,231	\$277,736,979
					NCTN WLI	RESEARCH AND DEVELOPMENT		\$27,093	\$5,373,231	\$277,736,979
					U10CA180886	RESEARCH AND DEVELOPMENT		\$77,857	\$5,373,231	\$277,736,979
	CANCER BIOLOGY RESEARCH	93.396		CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER	OS00000380AM1/310240	RESEARCH AND DEVELOPMENT	\$308,532	\$5,064,233	\$5,511,528	\$277,736,979
				DUKE UNIVERSITY	303-000412	RESEARCH AND DEVELOPMENT		\$26,746	\$5,511,528	\$277,736,979
				FRED HUTCHINSON CANCER CENTER	0001110186	RESEARCH AND DEVELOPMENT		\$14,472	\$5,511,528	\$277,736,979
					0001126867	RESEARCH AND DEVELOPMENT		\$20	\$5,511,528	\$277,736,979
				THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	700248-0123-00	RESEARCH AND DEVELOPMENT		\$336,044	\$5,511,528	\$277,736,979
				UNIVERSITY OF CINCINNATI	700248-0124-00	RESEARCH AND DEVELOPMENT		\$26,153	\$5,511,528	\$277,736,979
					012828-00005	RESEARCH AND DEVELOPMENT		\$13,503	\$5,511,528	\$277,736,979
	CANCER CENTERS SUPPORT GRANTS	93.397				RESEARCH AND DEVELOPMENT		\$30,357	\$5,511,528	\$277,736,979
	CANCER RESEARCH MANPOWER	93.398				RESEARCH AND DEVELOPMENT		\$2,640,762	\$2,640,762	\$277,736,979
	CANCER CONTROL	93.399		CHILDREN'S HOSPITAL OF PHILADELPHIA	FP00034095_SUB45_01	RESEARCH AND DEVELOPMENT		\$1,307,428	\$1,307,428	\$277,736,979
				PUBLIC HEALTH INSTITUTE	2UG1CA189955-06	RESEARCH AND DEVELOPMENT		\$200	\$1,482	\$277,736,979
	STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	93.421		NATIONAL OPINION RESEARCH CENTER	G173.UKY.01	RESEARCH AND DEVELOPMENT		\$11,282	\$11,482	\$277,736,979
		93.421		ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	CDCT72020	N/A		\$1,036	\$142,578	\$277,736,979
			COVID-19	AMERICAN PUBLIC HEALTH ASSOCIATION	APHA 2022-0006	N/A		\$952	\$142,578	\$0
				ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	02-21-8815	N/A		\$98,436	\$142,578	\$0
				ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	17-8814-22	N/A		\$8,237	\$142,578	\$0
				ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	CDC102018	N/A		\$33,917	\$142,578	\$0
	NON-ACA/PPHFNBUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS	93.424						\$2,227	\$2,227	\$0
	IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200002816 PON2 728 2200003978	N/A N/A		\$168,243 \$86,747	\$254,990 \$254,990	\$0 \$0
	NETWORKING2SAVE: CDC'S NATIONAL NETWORK APPROACH TO PREVENTING AND CONTROLLING TOBACCO-RELATED CANCERS IN SPECIAL POPULATIONS	93.431		PATIENT ADVOCATE FOUNDATION	CDC012020 CDC021419 CDC112021 CDC112022	N/A N/A N/A N/A		-\$855 -\$1,858 \$3,480 \$6,544	\$44,711 \$44,711 \$44,711 \$44,711	\$0 \$0 \$0 \$0
	ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		KENT STATE UNIVERSITY	403054-UKY	N/A		\$29,019	\$44,711	\$0
				SYRACUSE UNIVERSITY	32429-06043-S04	N/A		\$55,063	\$115,991	\$0
				VIRGINIA COMMONWEALTH UNIVERSITY	FP00010656_SA004	N/A		\$24,077	\$115,991	\$0
	INNOVATIVE STATE AND LOCAL PUBLIC HEALTH STRATEGIES TO PREVENT AND MANAGE DIABETES AND HEART DISEASE AND STROKE	93.435		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002380	RESEARCH AND DEVELOPMENT		\$36,851	\$115,991	\$0
		93.435		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002769	N/A		-\$976	-\$1,857	\$277,736,979
								-\$881	-\$1,857	\$0

The accompanying notes are an integral part of this Schedule.

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	93.439		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002434	RESEARCH AND DEVELOPMENT		-\$15,395	\$23,869	\$277,736,979
		93.439		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200002414	N/A		\$39,264	\$23,869	\$0
	ACL ASSISTIVE TECHNOLOGY	93.464		KENTUCKY EDUCATION AND LABOR CABINET	PON2 531 2200004525 PON2 531 2200004540 PON2 531 2200004818	N/A N/A N/A		\$84,633 \$55,421 \$101,826	\$241,880 \$241,880 \$241,880	\$0 \$0 \$0
	ALZHEIMER'S DISEASE PROGRAM INITIATIVE (ADPI)	93.470		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 725 2200004262	N/A		\$49,163	\$49,163	\$0
	TITLE IV-E PREVENTION AND FAMILY SERVICES AND PROGRAMS (A)	93.472		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2200003214	RESEARCH AND DEVELOPMENT		\$45,340	\$1,918,596	\$277,736,979
		93.472		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507 PON2 736 2200003214	N/A N/A		\$2,944 \$1,870,312	\$1,918,596 \$1,918,596	\$0 \$0
	CONGRESSIONAL DIRECTIVES	93.493		LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT	1H79FG000755-01	N/A		\$29,934	\$29,934	\$0
	COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE AND RESILIENT	93.495		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002989 PON2 728 2200003815 PON2 728 2200004051 PON2 728 2000002734 PON2 728 2000002769 PON2 728 2200004078	N/A N/A N/A N/A N/A N/A		-\$4,384 \$59,133 \$435,596 -\$1,039 -\$469 \$101,334	\$590,171 \$590,171 \$590,171 \$590,171 \$590,171 \$590,171	\$0 \$0 \$0 \$0 \$0 \$0
	PROVIDER RELIEF FUND	93.498	COVID-19			N/A				\$0
	AFFORDABLE CARE ACT (ACA) PUBLIC HEALTH TRAINING CENTERS PROGRAM	93.516	COVID-19			N/A	\$88,205	\$338,214	\$338,214	\$0
	ACA: BUILDING EPIDEMIOLOGY, LABORATORY, AND HEALTH INFORMATION SYSTEMS CAPACITY IN THE EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASE (ELC) AND EMERGING INFECTIONS PROGRAM (EIP) COOPERATIVE AGREEMENTS;PPHF	93.521		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000001602	N/A		\$1,356	\$1,356	\$0
	ACA GRANTS FOR CAPITAL DEVELOPMENT IN HEALTH CENTERS	93.526	COVID-19			N/A		\$111,959	\$111,959	\$0
	ACA GRANTS FOR NEW AND EXPANDED SERVICES UNDER THE HEALTH CENTER PROGRAM	93.527	COVID-19			HEALTH CENTER PROGRAM CLUSTER		\$92,928	\$92,928	\$3,057,191
	ACA NATIONAL HEALTH SERVICE CORPS	93.547		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200002729	N/A		\$6,588	\$6,588	\$0
	PROMOTING SAFE AND STABLE FAMILIES	93.556		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000001755 PON2 736 2000003507 PON2 736 2200002801 PON2 736 2200003214 NEW YORK STATE OFFICE OF CHILDREN AND FAMILY SERVICES	N/A N/A N/A N/A N/A		-\$113 \$24,436 \$200,000 \$311,685 \$250,784	\$786,792 \$786,792 \$786,792 \$786,792 \$786,792	\$0 \$0 \$0 \$0 \$0
	TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000001647 PON2 736 2200001790	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$23,363 \$636,445	\$29,600 \$4,536,778	\$4,797,456 \$4,797,456	\$277,736,979 \$277,736,979
		93.558		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507 PON2 736 2200003214	N/A N/A		\$1,614 \$229,464	\$4,797,456 \$4,797,456	\$0 \$0
	CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000001765 PON2 736 2200001723	CCDF CLUSTER CCDF CLUSTER		\$12,499 \$6,785,398	\$7,000,098 \$7,000,098	\$7,000,098 \$7,000,098
			COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	1D2D7C5A-0D46-46EA-81A7-652EFD6F-AC86-4AE9-8268-EB859FC7-7B53-4B93-A0D6-	CCDF CLUSTER CCDF CLUSTER		\$10,000 -\$20	\$7,000,098 \$7,000,098	\$7,000,098 \$7,000,098
	ADOPTION INCENTIVE PAYMENTS	93.603		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507 PON2 736 2200002801 PON2 736 2200003214	N/A N/A N/A		\$3,493 \$41,041 \$592,269	\$636,803 \$636,803 \$636,803	\$0 \$0 \$0
	VOTING ACCESS FOR INDIVIDUALS WITH DISABILITIES-GRANTS FOR PROTECTION AND ADVOCACY SYSTEMS	93.618		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612 PON2 515 2300000084	N/A N/A		\$82 \$742	\$824 \$824	\$0 \$0
	DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 125 2100002203 PON2 125 2100002294 PON2 125 2200002821 PON2 125 2200003381 PON2 125 2200003389	N/A N/A N/A N/A N/A		-\$212 -\$726 \$66,118 \$61,176 \$152,774	\$284,705 \$284,705 \$284,705 \$284,705 \$284,705	\$0 \$0 \$0 \$0 \$0
				KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612 PON2 515 2300000084	N/A N/A		\$22 \$5,553	\$284,705 \$284,705	\$0 \$0

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER	309541	N/A		\$13,779	\$13,779	\$0
	UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632	COVID-19			N/A	\$2,371	\$819,342	\$898,061	\$0
	ACCOUNTABLE HEALTH COMMUNITIES	93.650				N/A		\$78,719	\$898,061	\$0
	FOSTER CARE – TITLE IV-E	93.658				N/A		\$27	\$27	\$0
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507	RESEARCH AND DEVELOPMENT		-\$52	\$2,223,813	\$277,736,979
					PON2 736 2200003214	RESEARCH AND DEVELOPMENT		\$917,302	\$2,223,813	\$277,736,979
				EASTERN KENTUCKY UNIVERSITY	454066-22-115	N/A		\$215	\$2,223,813	\$0
					454156-23-111	N/A		\$27,979	\$2,223,813	\$0
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000001755	N/A		-\$474	\$2,223,813	\$0
					PON2 736 2000003507	N/A		\$1,370	\$2,223,813	\$0
					PON2 736 2200002801	N/A		\$188,226	\$2,223,813	\$0
					PON2 736 2200003214	N/A		\$1,089,247	\$2,223,813	\$0
	EMERGENCY GRANTS TO ADDRESS MENTAL AND SUBSTANCE USE DISORDERS DURING COVID-19	93.665	COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2200002369	N/A		\$84,241	\$223,193	\$0
					PON2 729 2200004318	N/A		\$138,952	\$223,193	\$0
	CHILD ABUSE AND NEGLECT STATE GRANTS	93.669		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507	N/A		-\$88	\$188,982	\$0
					PON2 736 2200002801	N/A		\$34,039	\$188,982	\$0
					PON2 736 2200003214	N/A	\$50,241	\$155,033	\$188,982	\$0
	JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL TRANSITION TO ADULTHOOD	93.674		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507	RESEARCH AND DEVELOPMENT		-\$23	\$2,262,469	\$277,736,979
					PON2 736 2200003214	RESEARCH AND DEVELOPMENT		\$28,300	\$2,262,469	\$277,736,979
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2200003214	N/A		\$2,234,192	\$2,262,469	\$0
	MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		UNIVERSITY OF UTAH	10063043-03	RESEARCH AND DEVELOPMENT		\$7,241	\$321,661	\$277,736,979
						N/A		\$314,420	\$321,661	\$0
	ELDER ABUSE PREVENTION INTERVENTIONS PROGRAM	93.747		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2200003214	N/A		\$31,206	\$31,206	\$0
	CHILDREN'S HEALTH INSURANCE PROGRAM	93.767		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 721 2000003082	N/A		\$125	\$39,891	\$0
					PON2 746 2000001480	N/A		-\$600	\$39,891	\$0
					PON2 746 2200001596	N/A		\$40,366	\$39,891	\$0
	MEDICAL ASSISTANCE PROGRAM	93.778		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 746 2000004046	RESEARCH AND DEVELOPMENT		-\$1,756	\$10,875,011	\$277,736,979
					PON2 746 2000004152	RESEARCH AND DEVELOPMENT		-\$4	\$10,875,011	\$277,736,979
		93.778		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 721 2200003032	MEDICAID CLUSTER		\$1,393,590	\$10,875,011	\$10,876,771
					PON2 723 2300001212	MEDICAID CLUSTER		\$59,652	\$10,875,011	\$10,876,771
					PON2 725 2000003475	MEDICAID CLUSTER		\$393	\$10,875,011	\$10,876,771
					PON2 725 2200004262	MEDICAID CLUSTER		\$79,371	\$10,875,011	\$10,876,771
					PON2 729 2000002568	MEDICAID CLUSTER		\$979	\$10,875,011	\$10,876,771
					PON2 729 2200002013	MEDICAID CLUSTER		\$4,266,602	\$10,875,011	\$10,876,771
					PON2 739 2100001118	MEDICAID CLUSTER		-\$903	\$10,875,011	\$10,876,771
					PON2 746 2000001660	MEDICAID CLUSTER		\$163,748	\$10,875,011	\$10,876,771
					PON2 746 2000002181	MEDICAID CLUSTER		-\$9,246	\$10,875,011	\$10,876,771
					PON2 746 2000002194	MEDICAID CLUSTER		-\$8,312	\$10,875,011	\$10,876,771
					PON2 746 2000003959	MEDICAID CLUSTER		-\$982	\$10,875,011	\$10,876,771
					PON2 746 2000004187	MEDICAID CLUSTER		\$55	\$10,875,011	\$10,876,771
					PON2 746 2100001738	MEDICAID CLUSTER		-\$1,084	\$10,875,011	\$10,876,771
					PON2 746 2200003694	MEDICAID CLUSTER		\$517,776	\$10,875,011	\$10,876,771
					PON2 746 2200003707	MEDICAID CLUSTER		\$2,731,318	\$10,875,011	\$10,876,771
					PON2 746 2200003955	MEDICAID CLUSTER		\$1,294,103	\$10,875,011	\$10,876,771
					PON2 746 2200004076	MEDICAID CLUSTER		\$383,860	\$10,875,011	\$10,876,771
					SC 746 1800003516	MEDICAID CLUSTER		\$5,551	\$10,875,011	\$10,876,771
	OPIOID STR	93.788		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002174	RESEARCH AND DEVELOPMENT		-\$10,812	\$2,858,399	\$277,736,979
					PON2 729 2200002912	RESEARCH AND DEVELOPMENT		\$1,633,820	\$2,858,399	\$277,736,979
					PON2 746 2000004151	RESEARCH AND DEVELOPMENT		-\$1,590	\$2,858,399	\$277,736,979
		93.788				N/A		\$84,814	\$2,858,399	\$0
				IOWA STATE UNIVERSITY	022769B	N/A		\$42,693	\$2,858,399	\$0
				KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002099	N/A		\$997	\$2,858,399	\$0
					PON2 729 2000002211	N/A		\$1,072	\$2,858,399	\$0
					PON2 729 2000002455	N/A		-\$2,623	\$2,858,399	\$0
					PON2 729 2100001213	N/A		\$1,079	\$2,858,399	\$0
					PON2 729 2200002369	N/A		\$72,347	\$2,858,399	\$0

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	OPIOID STR	93.788		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2200002665	N/A		\$279,398	\$2,858,399	\$0
					PON2 729 2200002707	N/A	\$92,805	\$2,858,399	\$0	
					PON2 729 2200002825	N/A	\$190,342	\$2,858,399	\$0	
					PON2 729 2200002891	N/A	\$474,057	\$2,858,399	\$0	
					PON2 746 2200003700	N/A	\$358,568	\$359,289	\$0	
					PON2 746 2300002524	N/A	\$721	\$359,289	\$0	
					PON2 728 2000002769	N/A	-\$619	\$231,144	\$0	
					PON2 728 2100000739	N/A	-\$117	\$231,144	\$0	
					PON2 728 2200003815	N/A	\$187,581	\$231,144	\$0	
					PON2 728 2200004052	N/A	\$19,882	\$231,144	\$0	
					PON2 728 2200004053	N/A	\$24,417	\$231,144	\$0	
	CARDIOVASCULAR DISEASES RESEARCH	93.837		CASE WESTERN RESERVE	RESS14116	RESEARCH AND DEVELOPMENT	\$969,643	\$6,993,635	\$8,014,414	\$277,736,979
				MASSACHUSETTS GENERAL HOSPITAL	225715	RESEARCH AND DEVELOPMENT		\$132,685	\$8,014,414	\$277,736,979
					242786	RESEARCH AND DEVELOPMENT		\$25,944	\$8,014,414	\$277,736,979
				MOUNT SINAI	0255-A961-4609	RESEARCH AND DEVELOPMENT		\$2,448	\$8,014,414	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	UKYHL163585	RESEARCH AND DEVELOPMENT		\$3,730	\$8,014,414	\$277,736,979
				UNIVERSITY OF ARKANSAS	UA2020-132	RESEARCH AND DEVELOPMENT		\$5,228	\$8,014,414	\$277,736,979
				UNIVERSITY OF CHICAGO	AWD103289 (SUB00000709)	RESEARCH AND DEVELOPMENT		\$4,328	\$8,014,414	\$277,736,979
				UNIVERSITY OF LOUISVILLE	ULRF 19-0266-01-3	RESEARCH AND DEVELOPMENT		\$21,879	\$8,014,414	\$277,736,979
					ULRF_18-1126C-01	RESEARCH AND DEVELOPMENT		\$309,686	\$8,014,414	\$277,736,979
					ULRF_23_0446-01	RESEARCH AND DEVELOPMENT		\$21,954	\$8,014,414	\$277,736,979
				UNIVERSITY OF MICHIGAN	SUBK00013624	RESEARCH AND DEVELOPMENT		\$17,954	\$8,014,414	\$277,736,979
				UNIVERSITY OF NEBRASKA - LINCOLN	34-5170-2114-201	RESEARCH AND DEVELOPMENT		\$38,187	\$8,014,414	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$284,428	\$8,014,414	\$277,736,979
				UNIVERSITY OF NORTH CAROLINA	5111354	RESEARCH AND DEVELOPMENT		\$90,117	\$8,014,414	\$277,736,979
				W-Z BIOTECH LLC	1R43HL158430-01	RESEARCH AND DEVELOPMENT		\$42,508	\$8,014,414	\$277,736,979
					2R44HL120370-02	RESEARCH AND DEVELOPMENT		\$14,895	\$8,014,414	\$277,736,979
				WASHINGTON UNIVERSITY IN ST. LOUIS	WU-22-0316	RESEARCH AND DEVELOPMENT		\$4,798	\$8,014,414	\$277,736,979
	LUNG DISEASES RESEARCH	93.838		DUKE UNIVERSITY	A035364 (SPS-269060)	RESEARCH AND DEVELOPMENT		\$818,319	\$1,526,942	\$277,736,979
				UNIVERSITY OF VERMONT	31438SUB00000156	RESEARCH AND DEVELOPMENT		\$5,429	\$1,526,942	\$277,736,979
				WAKE FOREST UNIVERSITY	227-101300-Z17448	RESEARCH AND DEVELOPMENT		\$5,799	\$1,526,942	\$277,736,979
					298-101300-Z11461	RESEARCH AND DEVELOPMENT		-\$400	\$1,526,942	\$277,736,979
					1116-33312-10000264812	RESEARCH AND DEVELOPMENT		-\$7	\$1,526,942	\$277,736,979
			COVID-19	MAINEHEALTH	PATHO-PH2-SUB_12_23	RESEARCH AND DEVELOPMENT		\$12,726	\$1,526,942	\$277,736,979
				WEST VIRGINIA UNIVERSITY	OT2HL161847-01	RESEARCH AND DEVELOPMENT		\$15,057	\$1,526,942	\$277,736,979
	BLOOD DISEASES AND RESOURCES RESEARCH	93.839		NATIONAL MARROW DONOR PROGRAM	1301	RESEARCH AND DEVELOPMENT	\$132,586	\$2,124,178	\$2,127,361	\$277,736,979
				UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	SPC-003311	RESEARCH AND DEVELOPMENT		-\$173	\$2,127,361	\$277,736,979
				KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612	N/A		\$3,356	\$2,127,361	\$277,736,979
					PON2 515 2300000084	N/A		\$82	\$5,635	\$0
	ACL ASSISTIVE TECHNOLOGY STATE GRANTS FOR PROTECTION AND ADVOCACY	93.843						\$5,553	\$5,635	\$0
	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		ALBERT EINSTEIN COLLEGE OF MEDICINE	312009	RESEARCH AND DEVELOPMENT	\$60,805	\$2,214,861	\$2,323,277	\$277,736,979
				CASE WESTERN RESERVE	1442-SUB	RESEARCH AND DEVELOPMENT		\$73,252	\$2,323,277	\$277,736,979
				OKLAHOMA MEDICAL RESEARCH FOUNDATION	0330-01_UKRF	RESEARCH AND DEVELOPMENT		\$14,168	\$2,323,277	\$277,736,979
				REGENTS OF THE UNIVERSITY OF CALIFORNIA	S-001570	RESEARCH AND DEVELOPMENT		\$817	\$2,323,277	\$277,736,979
				RIDGELINE THERAPEUTICS	1R41AR076871-01	RESEARCH AND DEVELOPMENT		\$12,369	\$2,323,277	\$277,736,979
								\$7,810	\$2,323,277	\$277,736,979

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Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				RESEARCH AND DEVELOPMENT	\$631,245	\$7,900,841	\$8,639,502	\$277,736,979
				CHILDREN'S HOSPITAL OF PHILADELPHIA	3301820719	RESEARCH AND DEVELOPMENT		\$11,719	\$8,639,502	\$277,736,979
				COLUMBIA UNIVERSITY	1(GG016514-01)	RESEARCH AND DEVELOPMENT		\$44,182	\$8,639,502	\$277,736,979
				OHIO STATE UNIVERSITY	SPC-1000006449 #GR127283	RESEARCH AND DEVELOPMENT		\$22,444	\$8,639,502	\$277,736,979
					SPC-1000007248 #GR127551	RESEARCH AND DEVELOPMENT		\$56,371	\$8,639,502	\$277,736,979
					SPC-1000011761 / GR12845	RESEARCH AND DEVELOPMENT		\$20,889	\$8,639,502	\$277,736,979
				STANFORD UNIVERSITY	62866794-169614	RESEARCH AND DEVELOPMENT		\$107,122	\$8,639,502	\$277,736,979
				THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	700198-0620-00	RESEARCH AND DEVELOPMENT		\$13,727	\$8,639,502	\$277,736,979
	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH			UNIVERSITY OF LOUISVILLE	ULRF_20-0745-01	RESEARCH AND DEVELOPMENT		\$67,371	\$8,639,502	\$277,736,979
				UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	SP13736-SB2	RESEARCH AND DEVELOPMENT		\$47,367	\$8,639,502	\$277,736,979
				UNIVERSITY OF MISSOURI	C00069492-1	RESEARCH AND DEVELOPMENT		\$131,168	\$8,639,502	\$277,736,979
				UNIVERSITY OF VIRGINIA	GB10534	RESEARCH AND DEVELOPMENT		\$15,414	\$8,639,502	\$277,736,979
				VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC88444	RESEARCH AND DEVELOPMENT		\$19,720	\$8,639,502	\$277,736,979
				WASHINGTON UNIVERSITY IN ST. LOUIS	WU-13-238	RESEARCH AND DEVELOPMENT		\$163,437	\$8,639,502	\$277,736,979
				YALE UNIVERSITY	GR111826 (CON-80002842)	RESEARCH AND DEVELOPMENT		\$17,730	\$8,639,502	\$277,736,979
	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				RESEARCH AND DEVELOPMENT	\$440,723	\$10,530,511	\$11,808,073	\$277,736,979
				AUGUSTA UNIVERSITY	32545-1	RESEARCH AND DEVELOPMENT		\$1,314	\$11,808,073	\$277,736,979
				BIOPTICS TECHNOLOGY LLC	5R41NS122722-02	RESEARCH AND DEVELOPMENT		\$82,341	\$11,808,073	\$277,736,979
				COLORADO STATE UNIVERSITY	G-32176-01	RESEARCH AND DEVELOPMENT		\$93,604	\$11,808,073	\$277,736,979
				MAYO CLINIC	SU01NS080168-07	RESEARCH AND DEVELOPMENT		\$1,245	\$11,808,073	\$277,736,979
				METHODIST HOSPITAL RESEARCH INSTITUTE	AGMT00007986AM3	RESEARCH AND DEVELOPMENT		\$203,559	\$11,808,073	\$277,736,979
				NAPROGENIX AGTECC	5R44NS108804-03	RESEARCH AND DEVELOPMENT		\$270,912	\$11,808,073	\$277,736,979
				OREGON HEALTH AND SCIENCES UNIVERSITY	1022875_UKY	RESEARCH AND DEVELOPMENT		\$5,275	\$11,808,073	\$277,736,979
				SIGNAL SOLUTIONS LLC	5R42NS107148-03	RESEARCH AND DEVELOPMENT		\$214,543	\$11,808,073	\$277,736,979
				UNIVERSITY OF CALIFORNIA, DAVIS	A21-1324-S014	RESEARCH AND DEVELOPMENT		\$224,477	\$11,808,073	\$277,736,979
				UNIVERSITY OF CINCINNATI	010785-130526	RESEARCH AND DEVELOPMENT		\$36,710	\$11,808,073	\$277,736,979
					011266-007	RESEARCH AND DEVELOPMENT		\$8,070	\$11,808,073	\$277,736,979
					012043-108332	RESEARCH AND DEVELOPMENT		\$10	\$11,808,073	\$277,736,979
					012044-108332	RESEARCH AND DEVELOPMENT		\$8,916	\$11,808,073	\$277,736,979
					012340-108332	RESEARCH AND DEVELOPMENT		\$4,601	\$11,808,073	\$277,736,979
				UNIVERSITY OF FLORIDA	SUB00002652	RESEARCH AND DEVELOPMENT		\$10,412	\$11,808,073	\$277,736,979
					SUB00003115	RESEARCH AND DEVELOPMENT		\$7,251	\$11,808,073	\$277,736,979
				UNIVERSITY OF LOUISVILLE	ULRF 18-0581-01	RESEARCH AND DEVELOPMENT		\$18,968	\$11,808,073	\$277,736,979
				UNIVERSITY OF MICHIGAN	SUBK00009091	RESEARCH AND DEVELOPMENT		\$15,525	\$11,808,073	\$277,736,979
					SUBK00014508	RESEARCH AND DEVELOPMENT		\$6,624	\$11,808,073	\$277,736,979
				UNIVERSITY OF TEXAS SOUTHWESTERN	GMO220715	RESEARCH AND DEVELOPMENT		\$63,205	\$11,808,073	\$277,736,979
	ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855				RESEARCH AND DEVELOPMENT	\$2,109,661	\$8,433,219	\$9,344,274	\$277,736,979
				ALBERT EINSTEIN COLLEGE OF MEDICINE	31121D	RESEARCH AND DEVELOPMENT		\$13,499	\$9,344,274	\$277,736,979
					31231B	RESEARCH AND DEVELOPMENT		\$2,144	\$9,344,274	\$277,736,979
				CITY UNIVERSITY OF NY	CM00008788	RESEARCH AND DEVELOPMENT		\$21,426	\$9,344,274	\$277,736,979
				GOVERNORS OF THE UNIVERSITY OF CALGARY	10034797	RESEARCH AND DEVELOPMENT		\$81,628	\$9,344,274	\$277,736,979
				HEALTH RESEARCH INCORPORATED	423-01	RESEARCH AND DEVELOPMENT		\$104,135	\$9,344,274	\$277,736,979
				JOHNS HOPKINS UNIVERSITY	2005240015	RESEARCH AND DEVELOPMENT		\$139,808	\$9,344,274	\$277,736,979
				SOUTH DAKOTA STATE UNIVERSITY	3TC373	RESEARCH AND DEVELOPMENT		\$19,170	\$9,344,274	\$277,736,979
				UNIVERSITY OF CENTRAL FLORIDA	GR101894	RESEARCH AND DEVELOPMENT		\$169,205	\$9,344,274	\$277,736,979
				UNIVERSITY OF FLORIDA	SUB00003660	RESEARCH AND DEVELOPMENT		\$1,955	\$9,344,274	\$277,736,979
				UNIVERSITY OF LOUISVILLE	ULRF_21-0377-03	RESEARCH AND DEVELOPMENT		\$77,978	\$9,344,274	\$277,736,979
				UNIVERSITY OF MICHIGAN	SUBK00009111	RESEARCH AND DEVELOPMENT		\$28,381	\$9,344,274	\$277,736,979
			COVID-19			RESEARCH AND DEVELOPMENT		\$252,532	\$9,344,274	\$277,736,979
				FRED HUTCHINSON CANCER RESEARCH CENTER	0001060388	RESEARCH AND DEVELOPMENT		-\$394	\$9,344,274	\$277,736,979
					0001062463	RESEARCH AND DEVELOPMENT		-\$412	\$9,344,274	\$277,736,979

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	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		ARKANSAS CHILDREN'S HOSPITAL	034106	RESEARCH AND DEVELOPMENT		\$11,642,138	\$12,252,103	\$277,736,979
				CASE WESTERN RESERVE	RESS16036	RESEARCH AND DEVELOPMENT		\$7,366	\$12,252,103	\$277,736,979
				MARSHALL UNIVERSITY RESEARCH CORPORATION	P2202299	RESEARCH AND DEVELOPMENT		\$30,862	\$12,252,103	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	S003546-DHHS	RESEARCH AND DEVELOPMENT		\$10,560	\$12,252,103	\$277,736,979
				UNIVERSITY OF LOUISVILLE	ULRF_18-0975D-05	RESEARCH AND DEVELOPMENT		\$73,962	\$12,252,103	\$277,736,979
				VANDERBILT UNIVERSITY	OSA00000145	RESEARCH AND DEVELOPMENT		\$340,634	\$12,252,103	\$277,736,979
				XLERATE HEALTH LLC	1UT2GM148083-01	RESEARCH AND DEVELOPMENT		\$20,484	\$12,252,103	\$277,736,979
					4UT2GM148083-02	RESEARCH AND DEVELOPMENT		\$55,828	\$12,252,103	\$277,736,979
					5UT2GM130174-03	RESEARCH AND DEVELOPMENT		\$17,211	\$12,252,103	\$277,736,979
					UT2GM148083	RESEARCH AND DEVELOPMENT	\$32,363	\$44,926	\$12,252,103	\$277,736,979
	CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		BOSTON UNIVERSITY	4500003128	RESEARCH AND DEVELOPMENT	\$322,434	\$8,132	\$12,252,103	\$277,736,979
				CHILDREN'S HOSPITAL OF PHILADELPHIA	8902840819	RESEARCH AND DEVELOPMENT		\$44,926	\$12,252,103	\$277,736,979
				CHILDREN'S RESEARCH INSTITUTE	30004438-14	RESEARCH AND DEVELOPMENT		\$8,132	\$12,252,103	\$277,736,979
				DUKE UNIVERSITY	303-000004	RESEARCH AND DEVELOPMENT		\$1,521,971	\$1,724,854	\$277,736,979
				EMORY UNIVERSITY	A538023	RESEARCH AND DEVELOPMENT		\$25,072	\$1,724,854	\$277,736,979
					A720220	RESEARCH AND DEVELOPMENT		\$9,073	\$1,724,854	\$277,736,979
				NORTHEASTERN UNIVERSITY	500692-78050	RESEARCH AND DEVELOPMENT		\$1,194	\$1,724,854	\$277,736,979
				REHABILITATION INSTITUTE OF CHICAGO	82388 UNIVKENTUCKY.Y3	RESEARCH AND DEVELOPMENT		\$16,428	\$1,724,854	\$277,736,979
	AGING RESEARCH	93.866		CIRCURE CORPORATION	1R41AG078096-01	RESEARCH AND DEVELOPMENT	\$1,562,612	\$39,959	\$1,724,854	\$277,736,979
				EMORY UNIVERSITY	A538865	RESEARCH AND DEVELOPMENT		\$20,726	\$1,724,854	\$277,736,979
				GISMO THERAPEUTICS INCORPORATED	2R44AG056231-03A1	RESEARCH AND DEVELOPMENT		\$110,096	\$1,724,854	\$277,736,979
				JOHNS HOPKINS UNIVERSITY	2004981571	RESEARCH AND DEVELOPMENT		\$79,454	\$1,724,854	\$277,736,979
					2005458635	RESEARCH AND DEVELOPMENT		\$45,442	\$1,724,854	\$277,736,979
				KAISER FOUNDATION RESEARCH INSTITUTE	RNG210618-UKY	RESEARCH AND DEVELOPMENT		\$10,579	\$1,724,854	\$277,736,979
				MERRIMACK COLLEGE	2110601	RESEARCH AND DEVELOPMENT		\$46,371	\$1,724,854	\$277,736,979
				NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH	STE2196-21	RESEARCH AND DEVELOPMENT		\$43,342	\$1,724,854	\$277,736,979
				NORTHWESTERN UNIVERSITY	60050890 UK	RESEARCH AND DEVELOPMENT		\$32,852	\$1,724,854	\$277,736,979
					60059377 UK	RESEARCH AND DEVELOPMENT		\$9,480	\$1,724,854	\$277,736,979
					60062066 UK	RESEARCH AND DEVELOPMENT		\$588,576	\$1,724,854	\$277,736,979
					60062622 UK	RESEARCH AND DEVELOPMENT		\$7,288	\$1,724,854	\$277,736,979
					60062963 UK	RESEARCH AND DEVELOPMENT		\$7,999	\$1,724,854	\$277,736,979
				OREGON HEALTH AND SCIENCES UNIVERSITY	1016754_KENTUCKY	RESEARCH AND DEVELOPMENT		\$11,690	\$1,724,854	\$277,736,979
				PARKINSONS FOUNDATION	1R01AG059417-01A1	RESEARCH AND DEVELOPMENT		-\$31	\$1,724,854	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	S003919-DHHS	RESEARCH AND DEVELOPMENT		\$18,711	\$1,724,854	\$277,736,979
				RIDGELINE THERAPEUTICS	1U44AG074107-01	RESEARCH AND DEVELOPMENT		\$171,332	\$1,724,854	\$277,736,979
				UNIVERSITY OF CALIFORNIA, IRVINE	2022-1689	RESEARCH AND DEVELOPMENT		\$1,072,213	\$1,724,854	\$277,736,979
				UNIVERSITY OF CALIFORNIA, SAN DIEGO	704641	RESEARCH AND DEVELOPMENT		\$17,694	\$1,724,854	\$277,736,979
				UNIVERSITY OF MISSOURI	C00079105-2	RESEARCH AND DEVELOPMENT		\$139,205	\$1,724,854	\$277,736,979
				UNIVERSITY OF PITTSBURGH	AWD00002130 (136595-6)	RESEARCH AND DEVELOPMENT		\$118,169	\$1,724,854	\$277,736,979
					AWD00002130 (138021-6)	RESEARCH AND DEVELOPMENT		\$510,463	\$1,724,854	\$277,736,979
					AWD00002130 (138520-6)	RESEARCH AND DEVELOPMENT		\$5,464	\$1,724,854	\$277,736,979
					AWD00002169 (134323-1)	RESEARCH AND DEVELOPMENT		\$14,453	\$1,724,854	\$277,736,979
				UNIVERSITY OF SOUTHERN CALIFORNIA	79635087	RESEARCH AND DEVELOPMENT		\$71,308	\$1,724,854	\$277,736,979
					105715578	RESEARCH AND DEVELOPMENT		\$164,245	\$1,724,854	\$277,736,979
					109316541	RESEARCH AND DEVELOPMENT		\$2,023	\$1,724,854	\$277,736,979
					110865594	RESEARCH AND DEVELOPMENT		\$1,789	\$1,724,854	\$277,736,979
					129135678	RESEARCH AND DEVELOPMENT		\$157,079	\$1,724,854	\$277,736,979
					129205603	RESEARCH AND DEVELOPMENT		-\$16,476	\$1,724,854	\$277,736,979
				UNIVERSITY OF TEXAS SOUTHWESTERN	GMO 190502 PO#0000001741	RESEARCH AND DEVELOPMENT		-\$1,472	\$1,724,854	\$277,736,979
				UNIVERSITY OF WASHINGTON	UWSC13003	RESEARCH AND DEVELOPMENT		\$75,733	\$1,724,854	\$277,736,979

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	AGING RESEARCH	93.866		UNIVERSITY OF WISCONSIN	000001244	RESEARCH AND DEVELOPMENT		\$51,724	\$27,570,110	\$277,736,979
				WAKE FOREST UNIVERSITY	1328-33664-11000000619	RESEARCH AND DEVELOPMENT		\$32,464	\$27,570,110	\$277,736,979
				WASHINGTON STATE UNIVERSITY	132471 SPC004581	RESEARCH AND DEVELOPMENT		\$13,208	\$27,570,110	\$277,736,979
				WAYNE STATE UNIVERSITY	WSU17147-A4	RESEARCH AND DEVELOPMENT		\$85,103	\$27,570,110	\$277,736,979
				YALE UNIVERSITY	GR102592 (CON-80001219)	RESEARCH AND DEVELOPMENT		\$10,629	\$27,570,110	\$277,736,979
	VISION RESEARCH	93.867		JAEBC CENTER FOR HEALTH RESEARCH INC	ROP3 & ROP4	RESEARCH AND DEVELOPMENT		\$8,578	\$721,343	\$277,736,979
				NEW YORK UNIVERSITY SCHOOL OF MEDICINE	16-00463	RESEARCH AND DEVELOPMENT		\$446	\$721,343	\$277,736,979
				PENNSYLVANIA STATE UNIVERSITY	2UKYEO23533	RESEARCH AND DEVELOPMENT		\$1,827	\$721,343	\$277,736,979
	STATE GRANTS FOR PROTECTION AND ADVOCACY SERVICES	93.873		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2200000612 PON2 515 2300000084	N/A		\$82	\$3,943	\$0
						N/A		\$3,861	\$3,943	\$0
	MEDICAL LIBRARY ASSISTANCE	93.879	COVID-19	UNIVERSITY OF CINCINNATI	013690-00003	RESEARCH AND DEVELOPMENT		\$551,079	\$644,375	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$93,296	\$644,375	\$277,736,979
	GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884				N/A		\$674,643	\$674,643	\$0
	CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002734 PON2 728 2200001866 PON2 728 2200003146 PON2 728 2200004157	N/A	\$13,442	\$1,174,595	\$1,322,321	\$0
						N/A		-\$88	\$1,322,321	\$0
						N/A		\$48,314	\$1,322,321	\$0
						N/A		\$49,677	\$1,322,321	\$0
						N/A		\$49,823	\$1,322,321	\$0
	RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER QUALITY GRANTS TO STATES FOR OPERATION OF OFFICES OF RURAL HEALTH	93.912		FLETCHER GROUP INCORPORATED	DHHS102019	N/A		\$590,053	\$808,967	\$0
						N/A		\$218,914	\$808,967	\$0
	HIV CARE FORMULA GRANTS	93.917		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002154 PON2 728 2000003041 PON2 728 2200002622	N/A		\$281,895	\$281,895	\$0
						N/A		-\$3,665	\$577,528	\$0
						N/A		-\$28	\$577,528	\$0
						N/A		\$581,221	\$577,528	\$0
	GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918				N/A			\$4,346,721	\$0
	RYAN WHITE HIV/AIDS DENTAL REIMBURSEMENT AND COMMUNITY BASED DENTAL PARTNERSHIP GRANTS	93.924				N/A		\$97,162	\$97,162	\$0
	SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM DISADVANTAGED BACKGROUNDS	93.925				STUDENT FINANCIAL ASSISTANCE				
	SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE	93.928		YALE UNIVERSITY	CON-80003502(GR115404)	N/A		\$589,503	\$589,503	\$259,403,201
	HIV PREVENTION ACTIVITIES_HEALTH DEPARTMENT BASED	93.940		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000003140 PON2 728 2100002802 PON2 728 2200003217 PON2 728 2200003772	N/A		\$7,424	\$7,424	\$0
						N/A		-\$645	\$451,143	\$0
						N/A		-\$257	\$451,143	\$0
						N/A		\$127,095	\$451,143	\$0
						N/A		\$324,950	\$451,143	\$0
	HUMAN IMMUNODEFICIENCY VIRUS (HIV)ACQUIRED IMMUNODEFICIENCY VIRUS SYNDROME (AIDS) SURVEILLANCE ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	93.945		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000003610	N/A		-\$190	-\$190	\$0
	BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002766 PON2 729 2200002369 PON2 729 2200002725 PON2 729 2200002115	N/A		-\$237	-\$237	\$0
						N/A		\$86	\$807,080	\$0
						N/A		\$463,397	\$807,080	\$0
						N/A		\$98,488	\$807,080	\$0
						N/A		\$245,109	\$807,080	\$0
	BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002736 PON2 729 2200001627	RESEARCH AND DEVELOPMENT		\$625	\$708,527	\$277,736,979
						RESEARCH AND DEVELOPMENT		\$806,517	\$708,527	\$277,736,979
						N/A		-\$97	\$708,527	\$0
						N/A		\$806	\$708,527	\$0
						N/A		\$100,676	\$708,527	\$0
	PPHF GERIATRIC EDUCATION CENTERS	93.969		UNIVERSITY OF LOUISVILLE	ULRF_19-07404-05	N/A			\$7,498	\$0
	MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002213 PON2 729 2000002766 PON2 729 2200002369	N/A		\$819	\$27,522	\$0
						N/A		-\$563	\$27,522	\$0
						N/A		\$27,266	\$27,522	\$0

The accompanying notes are an integral part of this Schedule.

University of Kentucky

Schedule of Expenditures of Federal Awards

Fiscal Period July 1, 2022 to June 30, 2023

Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000001569	N/A		-\$457	\$786,734	\$0
					PON2 728 2000001688	N/A		-\$151	\$786,734	\$0
					PON2 728 2200001956	N/A	\$378,567	\$786,734	\$0	
					PON2 728 2200002537	N/A	\$14,999	\$786,734	\$0	
					PON2 728 2200002749	N/A	\$143,507	\$786,734	\$0	
					PON2 728 2200002796	N/A	\$74,416	\$786,734	\$0	
					PON2 728 2200003808	N/A	\$103,098	\$786,734	\$0	
					PON2 767 2000002634	N/A	-\$604	\$786,734	\$0	
					PON2 767 2200003402	N/A	\$20,905	\$786,734	\$0	
					COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2200003808	N/A	\$52,454	\$786,734
ASSISTED OUTPATIENT TREATMENT	93.997		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2200001743	RESEARCH AND DEVELOPMENT	\$86,750	\$86,750	\$277,736,979		
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	75D30118C03568			RESEARCH AND DEVELOPMENT	\$89	\$3,646,769	\$277,736,979		
		75D30119C06228			RESEARCH AND DEVELOPMENT	-\$119	\$3,646,769	\$277,736,979		
		75D30120C08908			RESEARCH AND DEVELOPMENT	\$42,660	\$135,375	\$3,646,769	\$277,736,979	
		75D30120C09531			RESEARCH AND DEVELOPMENT	-\$641	\$3,646,769	\$277,736,979		
		75N93022C00038	ENEPRET INCORPORATED	75N93022C00038	RESEARCH AND DEVELOPMENT	\$100,491	\$3,646,769	\$277,736,979		
		5112312	UNIVERSITY OF NORTH CAROLINA	5112312	RESEARCH AND DEVELOPMENT	\$306,262	\$3,646,769	\$277,736,979		
		5123233	UNIVERSITY OF NORTH CAROLINA	5123233	RESEARCH AND DEVELOPMENT	\$28,270	\$3,646,769	\$277,736,979		
		5126344	UNIVERSITY OF NORTH CAROLINA	5126344	RESEARCH AND DEVELOPMENT	\$303,560	\$3,646,769	\$277,736,979		
		ACTIV-1	DUKE UNIVERSITY	ACTIV-1	RESEARCH AND DEVELOPMENT	\$13,132	\$3,646,769	\$277,736,979		
		CF-301-105	CONTRAFECT CORPORATION	CF-301-105	RESEARCH AND DEVELOPMENT	\$14,908	\$3,646,769	\$277,736,979		
		COVID-19, MRNA-1273-P204	PPD INVESTIGATOR SERVICES LLC	MRNA-1273-P204	RESEARCH AND DEVELOPMENT	\$790,834	\$3,646,769	\$277,736,979		
		COVID-19, 395-101780-Z19342	WAKE FOREST UNIVERSITY	395-101780-Z19342	RESEARCH AND DEVELOPMENT	\$462,577	\$3,646,769	\$277,736,979		
		HHSF223201710120C			RESEARCH AND DEVELOPMENT	\$285,690	\$3,646,769	\$277,736,979		
		NICHD 2015 SIL02	DUKE UNIVERSITY	NICHD 2015 SIL02	RESEARCH AND DEVELOPMENT	\$22,255	\$3,646,769	\$277,736,979		
		POX-MVA-031	BAVARIAN NORDIC	POX-MVA-031	RESEARCH AND DEVELOPMENT	-\$3,577	\$3,646,769	\$277,736,979		
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT		SUB00003319	UNIVERSITY OF FLORIDA	SUB00003319	RESEARCH AND DEVELOPMENT	\$6,723	\$3,646,769	\$277,736,979		
		SUB00003351	UNIVERSITY OF FLORIDA	SUB00003351	RESEARCH AND DEVELOPMENT	\$154,503	\$3,646,769	\$277,736,979		
		VAC31518COV3001	JANSSEN VACCINES AND PREVENTION BV	VAC31518COV3001	RESEARCH AND DEVELOPMENT	\$1,075,646	\$869,757	\$3,646,769	\$277,736,979	
		WORK ORDER 1	CERUS CORPORATION	WORK ORDER 1	RESEARCH AND DEVELOPMENT	\$156,680	\$3,646,769	\$277,736,979		
93.U01		75F40121C00061			N/A	\$73,082	\$73,082	\$0		
93.U02		75N91019F00129			N/A	\$17,293	\$17,293	\$0		
93.U03		75N91021F00001			N/A	\$20,840	\$20,840	\$0		
93.U04		75N91023P00127			N/A	\$85,587	\$85,587	\$0		
93.U05		75P00121C00067	NATIONAL ASSOCIATION OF COUNCILS ON DEVELOPMENTAL DISABILITIES	75P00121C00067	N/A	\$74,159	\$74,159	\$0		
93.U06		HHSN26100001			N/A		\$2,784,241	\$2,784,241	\$0	
93.U07		COVID-19, SUB00002455	UNIVERSITY OF GEORGIA	SUB00002455	N/A	\$68,335	\$68,335	\$0		
	Total						\$20,447,923	\$306,633,270		
SOCIAL SECURITY ADMINISTRATION										
	SOCIAL SECURITY – RESEARCH AND DEMONSTRATION	96.007		BOSTON COLLEGE	5107174-BC22-S2	RESEARCH AND DEVELOPMENT	\$22,923	\$22,923	\$277,736,979	
	SOCIAL SECURITY STATE GRANTS FOR WORK INCENTIVES ASSISTANCE TO DISABLED BENEFICIARIES	96.009		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2000003392	N/A	-\$10,368	\$426,106	\$0	
					PON2 515 2200000612	N/A	\$44	\$426,106	\$0	
					PON2 515 2200003133	N/A	\$428,827	\$426,106	\$0	
					PON2 515 2300000084	N/A	\$7,603	\$426,106	\$0	
	Total						\$449,029			
DEPARTMENT OF HOMELAND SECURITY										
	FLOOD MITIGATION ASSISTANCE	97.029		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 095 2100001145	N/A	\$257,692	\$302,824	\$0	
					PON2 095 2100001958	N/A	\$12,845	\$302,824	\$0	
					PON2 095 2300001561	N/A	\$32,287	\$302,824	\$0	
	DISASTER GRANTS - PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS) HAZARD MITIGATION GRANT	97.036	COVID-19	KENTUCKY GENERAL GOVERNMENT CABINET	SC 095 2200001824	N/A	\$6,399,604	\$6,399,604	\$0	
		97.039		KENTUCKY GENERAL GOVERNMENT CABINET	SC 095 2200001515	RESEARCH AND DEVELOPMENT	\$70,922	\$438,174	\$277,736,979	
		97.039		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 095 2000004355	N/A	\$870	\$438,174	\$0	
					PON2 095 2200004743	N/A	\$198,484	\$438,174	\$0	
					SC 095 2200001509	N/A	\$167,898	\$438,174	\$0	

The accompanying notes are an integral part of this Schedule.

University of Kentucky

Schedule of Expenditures of Federal Awards

Fiscal Period July 1, 2022 to June 30, 2023

Federal Awarding Agency	Program Title	Assistance Listing Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Cluster Name	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Total
	ASSISTANCE TO FIREFIGHTERS GRANT	97.044				RESEARCH AND DEVELOPMENT		\$150,934	\$150,934	\$277,736,979
	PRE-DISASTER MITIGATION	97.047		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 095 2200004757	RESEARCH AND DEVELOPMENT		\$114,285	\$195,150	\$277,736,979
		97.047		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 095 2200004325	N/A		\$61,373	\$195,150	\$0
					PON2 095 2200004328	N/A		\$19,492	\$195,150	\$0
	Total							\$7,486,686		
Grand Total								\$31,701,322	\$701,655,118	

The accompanying notes are an integral part of this Schedule.

University of Kentucky
A Component Unit of the Commonwealth of Kentucky
Notes to the Schedule of Expenditures of Federal Awards
Year Ended June 30, 2023

Note 1: Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the “Schedule”) includes the federal award activity of University of Kentucky (University) under programs of the federal government for the year ended June 30, 2023. 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). Because the Schedule presents only a selected portion of the operations of the University, it is not intended to and does not present the financial position, changes in net position or cash flows of the University.

Note 2: Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on the accrual basis of accounting and include amounts expended by the University and its affiliated corporation, the University of Kentucky Research Foundation, Inc. Such expenditures are recognized following, as applicable, either the cost principles contained in the U.S. Office of Management and Budget Circular A-21, *Cost Principles for Educational Institutions*, or the cost principles contained in Uniform Guidance or other applicable regulatory guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years.

Note 3: Indirect Cost Rate

The University has elected not to use the 10% de minimis indirect cost rate allowed under the Uniform Guidance. The University either uses the negotiated indirect cost rate or the indirect cost rate agreed upon through the grant agreement.

University of Kentucky
A Component Unit of the Commonwealth of Kentucky
Notes to the Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2023

Note 4: Federal Loan Programs

The federal loan programs listed subsequently are administered directly by the University, and balances and transactions relating to these programs are included in University's basic financial statements. Loans outstanding at the beginning of the year and loans made during the year are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2023, consists of:

Assistance Listing Number	Program Name	Outstanding Balance at June 30, 2023
84.038	Federal Perkins Loan Program	\$ 6,900,254
93.264	Nurse Faculty Loan Program	42,093
93.342	Health professions student loans, including primary care loans/loans for disadvantaged students	<u>3,577,460</u>
	Total student loans outstanding	<u>\$10,519,807</u>



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

Independent Auditor's Report

Board of Trustees
University of Kentucky
Lexington, Kentucky

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 (*Government Auditing Standards*), the financial statements of the business-type activities and fiduciary activities of the University of Kentucky (University), as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 6, 2023, which contained an "Emphasis of Matter" paragraph regarding a business combination. Our report includes a reference to other auditors who audited the financial statements of Kentucky Medical Services Foundation, Inc. (KMSF) and Insure Blue, as described in our report on the University's financial statements. The financial statements of KMSF and Insure Blue were not audited in accordance with *Government Auditing Standards* and, accordingly, this report does not include reporting on internal control over financial reporting or compliance and other matters associated with KMSF and Insure Blue or that are reported on separately by those auditors who audited the financial statements of KMSF and Insure Blue.

Report on Internal Control over Financial Reporting

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

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the 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 or significant deficiencies may exist that were not identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

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.

FORVIS,LLP

Louisville, Kentucky
October 6, 2023

Report on Compliance for Each Major Federal Program, Report on Internal Control over Compliance and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

Independent Auditor's Report

Board of Trustees
University of Kentucky
Lexington, Kentucky

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited the University of Kentucky's (University) compliance with the types of compliance requirements identified as subject to audit in the U.S. Office of Management and Budget *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2023. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2023.

Basis for Opinion on the Major Federal Program

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

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

Responsibilities of Management for Compliance

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

Auditor's Responsibilities for the Audit of Compliance

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

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

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

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

Other Matters

The results of our auditing procedures disclosed an instance of noncompliance which is required to be reported in accordance with the Uniform Guidance and which is described in the accompanying schedule of findings and questioned costs as item 2023-001. Our opinion on each major federal program is not modified with respect to this matter.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the noncompliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response. The University is responsible for preparing a corrective action plan to address each audit finding included in our auditor's report. The University's corrective action plan was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on it.

Report on Internal Control over Compliance

Our consideration of internal control over compliance was for the limited purpose described in the "Auditor's Responsibilities for the Audit of Compliance" section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance and therefore, material weaknesses or significant deficiencies may exist that were not identified. However, as discussed below, we did identify a certain deficiency in internal control over compliance that we consider to be a material weakness.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. We consider the deficiency in internal control over compliance described in the accompanying schedule of findings and questioned costs as item 2023-001 to be a material weakness.

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

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the internal control over compliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response. The University is responsible for preparing a corrective action plan to address each audit finding included in our auditor's report. The University's corrective action plan was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on it.

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

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 fiduciary activities of the University, as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We have issued our report thereon dated October 6, 2023, which contained unmodified opinions on those financial statements, an emphasis of matter paragraph regarding a business combination and a reference to the reports of other auditors. 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.

FORVIS,LLP

Louisville, Kentucky
February 12, 2024

University of Kentucky
A Component Unit of the Commonwealth of Kentucky
Schedule of Findings and Questioned Costs
Year Ended June 30, 2023

Section I – Summary of Auditor’s Results

Financial Statements

1. Type of report the auditor issued on whether the financial statements audited were prepared in accordance with accounting principles generally accepted in the United States of America:

Unmodified Qualified Adverse Disclaimer

2. Internal control over financial reporting:

Significant deficiency(ies) identified? Yes None reported

Material weakness(es) identified? Yes No

3. Noncompliance material to the financial statements noted? Yes No

Federal Awards

4. Internal control over major federal awards programs:

Significant deficiency(ies) identified? Yes None reported

Material weakness(es) identified? Yes No

5. Type of auditor’s report issued on compliance for major federal program(s):

Unmodified Qualified Adverse Disclaimer

6. Any audit findings disclosed that are required to be reported by 2 CFR 200.516(a)?

Yes No

University of Kentucky
A Component Unit of the Commonwealth of Kentucky
Schedule of Findings and Questioned Costs (Continued)
Year Ended June 30, 2023

7. Identification of major federal programs:

Assistance Listing Number(s)	Name of Federal Program or Cluster
	Research and Development Cluster
	SNAP Cluster
	Health Center Program Cluster
93.498	COVID-19 – Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution
17.720	Disability Employment Policy Development
97.036	Disaster Grants – Public Assistance (Presidentially Declared Disasters)
93.918	Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease
21.027	COVID – 19 – Coronavirus State and Local Fiscal Recovery Funds

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

9. Auditee qualified as a low-risk auditee? Yes No

University of Kentucky
A Component Unit of the Commonwealth of Kentucky
Schedule of Findings and Questioned Costs (Continued)
Year Ended June 30, 2023

Section II – Financial Statement Findings

Reference Number	Finding
	No matters are reportable.

Section III – Federal Award Findings and Questioned Costs

Reference Number	Finding
2023-001	<p>Health Center Program Cluster; Federal Assistance Listing No. 93.224 and 93.527; HHS; grant number H80CS45850 and H8GCS48464; budget periods August 1, 2022, through July 31, 2023, and December 1, 2022, through December 31, 2023, respectively.</p> <p>Criteria or specific requirement: Special Tests and Provisions – 42 CFR, Part 56.303(e), (f) and (g). Health Centers receiving funds under the Health Center Program Cluster are required to prepare a schedule of fees or payments for the provision of its services designed to cover its reasonable costs of operation and a corresponding schedule of discounts adjusted on the basis of the patient’s ability to pay, to make every reasonable effort, including the establishment of systems for eligibility determination, billing and collection, and to secure from patient payments for services in accordance with the schedule of fees and discounts.</p> <p>Condition: We noted that the Health Center did not properly apply the sliding fee discounts approved by the board of directors for 12 patients out of a sample of 25 patients tested for the year ended June 30, 2023.</p> <p>Questioned cost: None</p> <p>Context: From a total of 829 sliding fee discounts for the period, 25 discounts were selected for testing. This sample was not, and was not intended to be, a statistically valid sample. The Health Center’s management did prepare a schedule of discounts adjusted on the basis of the patient’s ability to pay; such schedule was periodically updated and approved by the Health Center’s board of directors and the schedule was uploaded into the Health Center’s billing system. However, there were errors when comparing the approved schedule to certain actual adjustments to patient accounts during the year ended June 30, 2023. For 10 of the 12 errors, the patient was properly categorized in the correct sliding fee category based on supporting documentation; however, the</p>

University of Kentucky
A Component Unit of the Commonwealth of Kentucky
Schedule of Findings and Questioned Costs (Continued)
Year Ended June 30, 2023

Reference Number	Finding
2023-001 (Continued)	<p>system incorrectly posted contractual adjustments and, thus, caused errors in the sliding fee discount applied. This error also caused some instances in which the nominal fee was not charged correctly. One patient was included in the incorrect sliding fee category and one patient did not have a sliding fee application.</p> <p>Effect: Discounts were not properly applied to patient accounts.</p> <p>Cause: The Health Center did not comply with their sliding fee policy due to posting errors in the system, incorrect charges posted and lack of supporting documentation.</p> <p>Identification as a repeat finding, if applicable: Not a repeat finding.</p> <p>Recommendation: All personnel involved in the sliding fee discount program should demonstrate their understanding of the sliding fee scale policy in order to improve application of the sliding fee discount program.</p> <p>Views of responsible officials and planned corrective actions: The University agrees with the finding. See separate report for planned corrective action.</p>

University of Kentucky
A Component Unit of Commonwealth of Kentucky
Summary Schedule of Prior Audit Findings
Year Ended June 30, 2023

Reference Number	Summary of Finding	Status
No matters are reportable.		