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, 2022

A Component Unit of the Commonwealth of Kentucky Single Audit Reports and Schedule of Expenditures of Federal Awards Year Ended June 30, 2022

Contents

Schedule of Expenditures of Federal Awards	1
Notes to the Schedule of Expenditures of Federal Awards	. 30
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	31
Report on Compliance for Each Major Federal Program, Report on Internal Control over Compliance and Report on the Schedule of Expenditures of Federal Awards Required by the Uniform Guidance – Independent Auditor's Report	33
Schedule of Findings and Questioned Costs	36
Summary Schedule of Prior Audit Findings	39

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title OFFICE OF NATIONAL DRUG CONTROL POLICY	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
OTTICE OF NATIONAL DIOG CONTROL POLICE									
OFFICE OF NATIONAL DRUG CONTROL POLICY CONTRACT TOTAL OFFICE OF NATIONAL DRUG CONTROL POLICY	07.U01	SUB00002970	UNIVERSITY OF FLORIDA	SUB00002970		\$30,101 \$30,101	\$30,101	N/A	\$0
DEPARTMENT OF AGRICULTURE					_				
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001					\$2,054,159	\$2,079,385	RESEARCH AND DEVELOPMENT	\$269,974,427
			CIVILIAN RESEARCH AND						
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001 10.001		DEVELOPMENT FOUNDATION	DAA3.17.63396-2		-\$7,079	\$2,079,385	RESEARCH AND DEVELOPMENT N/A	<i>\$269,974,427</i> \$0
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001		CRDF GLOBAL	DAA3-19-65780-1		\$12,565 <i>\$19,740</i>	\$2,079,385 \$2,079,385	N/A N/A	\$0 \$0
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.001		CRDF GLOBAL	DAA3-13-03780-1		\$310,390	\$1,209,682	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT			4,	+-//		
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		CABINET	PON2 035 2100001655		\$43,976	\$1,209,682	RESEARCH AND DEVELOPMENT	\$269,974,427
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200001749		\$12,093	\$1,209,682	RESEARCH AND DEVELOPMENT	\$269,974,427
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		CABINET	PON2 033 2200001749		\$628,706	\$1,209,682	N/A	\$269,974,427
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	COVID-19				\$187,968	\$1,209,682	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT			+	+-//	,	•
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		CABINET	PON2 035 2100001981		\$14,189	\$1,209,682	N/A	\$0
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		KENTUCKY GENERAL GOVERNMENT CABINET KENTUCKY GENERAL GOVERNMENT	PON2 035 2100001982		\$11,600	\$1,209,682	N/A	\$0
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		CABINET	PON2 035 2200001549		\$380	\$1,209,682	N/A	\$0
, ,			KENTUCKY GENERAL GOVERNMENT			,	, , ,	,	,
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		CABINET	PON2 035 2200001550		\$380	\$1,209,682	N/A	\$0
WILDLIFE SERVICES	10.028					\$3,474	\$3,474	RESEARCH AND DEVELOPMENT	\$269,974,427
WETLANDS RESERVE PROGRAM	10.072					\$228,111	\$228,111	RESEARCH AND DEVELOPMENT	\$269,974,427
FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	10.156		KENTUCKY GENERAL GOVERNMENT			\$20,980	\$20,980	RESEARCH AND DEVELOPMENT	\$269,974,427
MARKET PROTECTION AND PROMOTION	10.163		CABINET	PON2 035 1900000670		-\$14,402	-\$14,402	N/A	\$0
WHOLESALE FARMERS AND ALTERNATIVE MARKET DEVELOPMENT	10.164				\$33,887	\$148,169	\$212,250	N/A	\$0
WHOLESALE FARMERS AND ALTERNATIVE MARKET DEVELOPMENT	10.164		COLORADO STATE UNIVERSITY	G-10134-01		\$64,081	\$212,250	N/A	\$0
FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168					\$8,148	\$24,905	N/A	\$0
FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168		FAIRSHARE CSA COALITION	AM180100XXXXG103		\$9,555	\$24,905	N/A	\$0
						70,000	7- ,	.,,.	,,
FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168		KENTUCKY HORTICULTURE COUNCIL	KHC042020		\$7,202	\$24,905	N/A	\$0
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		WENT USING SENIED AL COMEDINATALE		\$115,062	\$175,818	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 1900003060		\$6,925	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALITY CHOP BLOCK GRAINT PROGRAINT PARINT BILL	10.170		KENTUCKY GENERAL GOVERNMENT	FON2 033 1300003000		30,323	3407,143	RESEARCH AND DEVELOPMENT	3203,374,427
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2000000248		\$4,623	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2000000254		\$46,065	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
COECULTY COOR DUOCY COLUT DOOCDANA CARLADU	40.470		KENTUCKY GENERAL GOVERNMENT	2012 225 240000000		642.000	6407440	0555405114410 051751 00145417	6250 074 427
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET KENTUCKY GENERAL GOVERNMENT	PON2 035 2100000998		\$13,990	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2100000999		\$16,862	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2100001000		\$27,901	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT				4		
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET KENTUCKY GENERAL GOVERNMENT	PON2 035 2100001002		\$5,968	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2200000691		\$10,934	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2200001269		\$245	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT			4	4		
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET KENTUCKY GENERAL GOVERNMENT	PON2 035 2200001270		\$1,714	\$407,149	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 1800000628		\$402	\$407,149	N/A	\$0
The state of the s			KENTUCKY GENERAL GOVERNMENT	22 222 2300000020		y.02	<i>ϕ.</i> 0.,1.63		Şū
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 1800000631		\$1,487	\$407,149	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 1900003061		\$7,959	\$407,149	N/A	\$0

		Additional		Identifying Number					
	Federal CFDA	Award	Name of Funder	Assigned By Funder	Total Amount Provided to	Federal	Federal	Cluster	Cluster
Federal Awarding Agency/Program Title	Number Number	Identification (Optional)	Pass-Through Entity	Pass-Through Entity	Sub-Recipients	reaerai Expenditures	Program Total	Ciuster Name	Total
•		(KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 1900003062		\$5,091	\$407,149	N/A	\$0
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 1900003063		\$604	\$407,149	N/A	\$0
SPECIAL IT CHOP BLOCK GRAINT PROGRAINT - PARINT BILL	10.170		KENTUCKY GENERAL GOVERNMENT	PON2 033 1300003003		3004	3407,143	N/A	ŞU
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2000000252		\$30,617	\$407,149	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2000000253		\$20,999	\$407,149	N/A	\$0
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2100001001		\$14,394	\$407,149	N/A	\$0
SI ECIMETT CHOI BEOCK GHANTTHOGHAIN TAHINI BIEC	10.170		KENTUCKY GENERAL GOVERNMENT	7 0.112 0.55 2100001001		Ç14,354	5407,143	19/0	ĢŪ
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2200000687		\$2,313	\$407,149	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET KENTUCKY GENERAL GOVERNMENT	PON2 035 2200000690		\$8,949	\$407,149	N/A	\$0
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		CABINET	PON2 035 2200001271		\$3,289	\$407,149	N/A	\$0
SI ECIMETT CHOI BEOCK GRANT THOGRAIN TARRIN BIEC	10.170		KENTUCKY CENTER FOR	7 0/12 033 2200001271		\$3,203	5407,143	19/0	Ç0
			AGRICULTURE AND RURAL						
LOCAL FOOD PROMOTION PROGRAM	10.172		DEVELOPMENT	USDA102020		\$27,188	\$27,188	N/A	\$0
ACER ACCESS DEVELOPMENT PROGRAM	10.174				\$38,987	\$124,573	\$124,573	N/A	\$0
FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM (B)	10.175		ORGANIC ASSOCIATION OF KENTUCKY	OAK032021		\$8,037	\$8,037	N/A	\$0
DAIRY BUSINESS INNOVATION INITIATIVES (B)	10.175		UNIVERSITY OF TENNESSEE	9500096724		\$45,522	\$48,013	N/A	\$0
DAIRY BUSINESS INNOVATION INITIATIVES (B)	10.176		UNIVERSITY OF TENNESSEE	9500107287		\$2,491	\$48,013	N/A	\$0
REGIONAL FOOD SYSTEM PARTNERSHIPS (B)	10.177	COVID-19				\$10,961	\$10,972	N/A	\$0
			KENTUCKY CENTER FOR						
REGIONAL FOOD SYSTEM PARTNERSHIPS (B)	10.177		AGRICULTURE AND RURAL DEVELOPMENT	KCARD AMS 05312022		\$11	\$10,972	N/A	\$0
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.177		DEVELOPMENT	KCARD AINS 05312022		\$11	\$10,972	N/A	Ų
GRANTS	10.200		UNIVERSITY OF FLORIDA	2000754981		\$46	\$49,788	RESEARCH AND DEVELOPMENT	\$269,974,427
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH									
GRANTS	10.200		UNIVERSITY OF FLORIDA	2100836992		\$5,471	\$49,788	RESEARCH AND DEVELOPMENT	\$269,974,427
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10 200		LIMITATE DE LES CORTOS	2200011005		Ć001	Ć40.700	DECEMBELL AND DEVELOPMENT	¢260.074.427
GRANTS GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.200		UNIVERSITY OF FLORIDA	2200911085		\$891	\$49,788	RESEARCH AND DEVELOPMENT	\$269,974,427
GRANTS	10.200		UNIVERSITY OF FLORIDA	PO 2200915747		\$12,187	\$49,788	RESEARCH AND DEVELOPMENT	\$269,974,427
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH									
GRANTS	10.200		UNIVERSITY OF FLORIDA	PO 2200923222		\$13,750	\$49,788	RESEARCH AND DEVELOPMENT	\$269,974,427
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200		UNIVERSITY OF FLORIDA	2100869618		\$540	\$49,788	N/A	\$0
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.200		UNIVERSITY OF FLORIDA	2100809018		\$540	\$49,788	N/A	\$0
GRANTS	10.200		UNIVERSITY OF FLORIDA	2200907364		\$10,060	\$49,788	N/A	\$0
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH									
GRANTS	10.200		UNIVERSITY OF FLORIDA	PO 2100880307		\$6,843	\$49,788	N/A	\$0
COOPERATIVE FORESTRY RESEARCH PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH	10.202					\$621,289	\$621,289	RESEARCH AND DEVELOPMENT	\$269,974,427
ACT	10.203					\$5,685,726	\$5,685,726	RESEARCH AND DEVELOPMENT	\$269,974,427
ANIMAL HEALTH AND DISEASE RESEARCH	10.207					\$42,799	\$42,799	RESEARCH AND DEVELOPMENT	\$269,974,427
SMALL BUSINESS INNOVATION RESEARCH	10.212		CAMBRIDGE TECHNOLOGIES	2019-33610-30181		\$126,778	\$126,778	RESEARCH AND DEVELOPMENT	\$269,974,427
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		WEST VIRGINIA UNIVERSITY	21-276-UK/ PO MM00036573	4	\$10,738	\$245,226	RESEARCH AND DEVELOPMENT	\$269,974,427
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215 10.215		UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA	SUB00001767 SUB00002043	\$50,344	\$69,843 \$20,956	\$245,226 \$245,226	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00002110		\$458	\$245,226	RESEARCH AND DEVELOPMENT	\$269,974,427
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00002841		\$210	\$245,226	RESEARCH AND DEVELOPMENT	\$269,974,427
			NORTH CAROLINA STATE						
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY	2019-1503-04		\$5,909	\$245,226	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		MIDDLE TENNESSEE STATE UNIVERSITY	537309-77790		\$19,317	\$245,226	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00001978		\$17,180	\$245,226	N/A N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00001980		\$4,570	\$245,226	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00002000		\$2,970	\$245,226	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF GEORGIA	SUB00002368		\$36	\$245,226	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215 10.215		UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA	SUB00002624	\$7,298	\$16,997	\$245,226 \$245,226	N/A	\$0 \$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION 1890 INSTITUTION CAPACITY BUILDING GRANTS	10.215		UNIVERSITY OF GEORGIA KENTUCKY STATE UNIVERSITY	SUB00002689 210171-202092-3100		\$76,042 \$16,874	\$245,226 \$16,874	N/A RESEARCH AND DEVELOPMENT	\$0 \$269,974,427
						\$20,07.4	920,074		
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217		UNIVERSITY OF MAINE	UMS-1208		\$23,541	\$96,882	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217					\$27,898	\$96,882	N/A	\$0

Federal Awarding Agency/Program Title	Federal CFDA Idea	lditional Award Name of Funder ntification Pass-Through ptional) Entity	ldentifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
			-				······	
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	PURDUE UNIVERSITY	F0003792902022		\$8,694	\$96,882	N/A	\$0
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	PURDUE UNIVERSITY	F0011836802021		\$36,749	\$96,882	N/A	\$0
BIOTECHNOLOGY RISK ASSESSMENT RESEARCH	10.219				\$53,096	\$53.096	RESEARCH AND DEVELOPMENT	\$269.974.427
		KENTUCKY ASSOCIATION OF FOOD			400,000	700,000		
COMMUNITY FOOD PROJECTS	10.225	BANKS	2017-33800-27042		\$917	\$917	N/A	\$0
EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING &								
ENGAGEMENT	10.229	KENTUCKY STATE UNIVERSITY	211227-206005-4103		\$12,909	\$33,091	N/A	\$0
EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING &							·	
ENGAGEMENT	10.229	EXTENSION FOUNDATION	EXC1-2021-2076		\$20,182	\$33,091	N/A	\$0
CONSUMER DATA AND NUTRITION RESEARCH	10.253			\$22,316	\$56,719	\$56,719	N/A	\$0
HOMELAND SECURITY_AGRICULTURAL	10.304	UNIVERSITY OF FLORIDA	UFDSP00011546		\$1,051	\$16,695	RESEARCH AND DEVELOPMENT	\$269,974,427
HOMELAND SECURITY_AGRICULTURAL	10.304	UNIVERSITY OF FLORIDA	SUB00002895		\$15,644	\$16,695	N/A	\$0
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307	IOWA STATE UNIVERSITY	021692A		\$107,813	\$180,273	RESEARCH AND DEVELOPMENT	\$269,974,427
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307	IOWA STATE UNIVERSITY	022063A		\$72,506	\$180,273	RESEARCH AND DEVELOPMENT	\$269,974,427
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307				-\$46	\$180,273	N/A	\$0
		NORTH CAROLINA STATE						
SPECIALTY CROP RESEARCH INITIATIVE	10.309	UNIVERSITY	2017-0398-08		\$55,338	\$73,901	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALTY CROP RESEARCH INITIATIVE	10.309	CLEMSON UNIVERSITY	2235-207-2014173		\$7,926	\$73,901	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIALTY CROP RESEARCH INITIATIVE	10.309				\$10,637	\$73,901	N/A	\$0
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			\$501,865	\$2,840,004	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF RHODE ISLAND	0000180399		\$57,797	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
ACRICULTURE AND FOOD DESCARCULINITIATIVE (AFRI)	10.210	MISSOURI UNIVERSITY OF SCIENCE	00058561.01		ć24 202	Ć4 075 500	DESCRIPCIO AND DELICIODATENT	¢260.074.427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	AND TECHNOLOGY MISSISSIPPI STATE LINIVERSITY	00058561-01 012000.321743.01		\$21,383 \$15.870	\$4,075,500 \$4,075,500	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY	012000.321743.01 024806D		\$15,870	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	NORTH CAROLINA STATE	U248U6D		\$3,030	\$4,075,500	RESEARCH AND DEVELOPMENT	\$209,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY	2019-1507-05		\$97,079	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	KENTUCKY STATE UNIVERSITY	210207-206002-3100-001		\$2,298	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	KENTUCKY STATE UNIVERSITY	210207-206002-3100-001		\$8,882	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGNICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	KENTOCKT STATE UNIVERSITT	210207-200002-3100-002		30,002	34,073,300	RESEARCH AND DEVELOPMENT	3203,374,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-1120-0016-002		\$15,505	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
Addications and Food Research Intriative (Arm)	10.310	ONVERSITY OF NEBRASIA - ENCOCK	25-1120-0010-002		Ş13,303	54,073,300	RESEARCH AND DEVELOT MENT	\$205,574,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-6221-0345-002		\$9,760	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
Homeoerone with 1 oob neservices with the (runn)	10.010	Office Island of New Island Control of New Island	25 5221 5545 552		\$3,700	\$4,075,500	NESE/MEN/MB BEVELO/MEN/	\$203,374,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-6226-0601-004		\$14,098	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	RESOURCES FOR THE FUTURE INC	3469		\$44,487	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	OHIO STATE UNIVERSITY	60076794		\$3,353	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	CENTRAL STATE UNIVERSITY	8527-005		\$7,507	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF MARYLAND	94801-Z5245201		\$23,976	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	KANSAS STATE UNIVERSITY	A21-0336-S001		\$37,265	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF VERMONT	AWD00000135SUB00000068		\$46,775	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LOUISIANA STATE UNIVERSITY	PO-0000053259		\$1,452	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF MAINE	UMS1286		\$24,628	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WASHINGTON	UWSC11919		\$25,727	\$4,075,500	RESEARCH AND DEVELOPMENT	\$269,974,427
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			\$103,071	\$760,399	\$4,075,500	N/A	\$0
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY	022875A		\$12,199	\$4,075,500	N/A	\$0
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311			\$997	\$122,011	\$122,011	N/A	\$0
SUN GRANT PROGRAM	10.320	UNIVERSITY OF TENNESSEE	9500098729	\$15,736	\$41,233	\$41,233	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS								
PROGRAM	10.328	UNIVERSITY OF FLORIDA	UFDSP00012363		\$10,952	\$10,952	N/A	\$0
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE		NORTH CAROLINA STATE						
GRANTS PROGRAM	10.329	UNIVERSITY	2018-3200-42		\$502	\$138,499	RESEARCH AND DEVELOPMENT	\$269,974,427
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS								
PROGRAM	10.329				\$128,495	\$138,499	N/A	\$0
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE		NORTH CAROLINA STATE						
GRANTS PROGRAM	10.329	UNIVERSITY	2018-3200-32		\$9,502	\$138,499	N/A	\$0
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330	UNIVERSITY OF NOTRE DAME	203224UK	\$72,673	\$78,582	\$78,582	RESEARCH AND DEVELOPMENT	\$269,974,427
FOOD INSECURITY NUTRITION INCENTIVE GRANTS PROGRAM	10.331	COMMUNITY FARM ALLIANCE	5500520		\$26,695	\$26,693	RESEARCH AND DEVELOPMENT	\$269,974,427
FOOD INSECURITY NUTRITION INCENTIVE GRANTS PROGRAM	10.331	COMMUNITY FARM ALLIANCE	17P0009-1		-\$2	\$26,693	N/A	\$0
		KENTUCKY CENTER FOR						
ENHANCING AGRICULTURAL OPPORTUNITIES FOR MILITARY		AGRICULTURE AND RURAL			4	4		
VETERANS COMPETITIVE GRANTS PROGRAM	10.334	DEVELOPMENT	KCARD 032021	40.000	\$14,295	\$14,295	N/A	\$0
VETERINARY SERVICES GRANT PROGRAM	10.336			\$6,863	\$142,167	\$142,167	N/A	\$0

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
RURAL BUSINESS DEVELOPMENT GRANT	10.351		KENTUCKY HORTICULTURE COUNCIL	20-034-875486286		\$12,967	\$12,967	N/A	\$0
RURAL COMMUNITY DEVELOPMENT INITIATIVE	10.446					\$2,237	\$2,237	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2021-2146		\$5,983	\$408,590	RESEARCH AND DEVELOPMENT	\$269,974,427
COOPERATIVE EXTENSION SERVICE	10.500				\$20,067	\$169,290	\$408,590	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		PENNSYLVANIA STATE UNIVERSITY	6023-UKRF-UM-3501		\$48,287	\$408,590	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		PURDUE UNIVERSITY	F9001573902002		\$61,545	\$408,590	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		PURDUE UNIVERSITY	F9001573902015		\$74,407	\$408,590	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		UNIVERSITY OF MINNESOTA	H007172405		\$17,577	\$408,590	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2021-2132		\$21,698	\$408,590	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT				4		44
COOPERATIVE EXTENSION SERVICE	10.500		CABINET	PON2 035 2200000453		\$9,803	\$408,590	N/A	\$0
SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511					\$7,701,792	\$7,701,792	N/A	\$0
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND	10.514					\$1,607,382	\$1,607,382	N/A	\$0
PROJECTS	10.515					\$89,314	\$89,314	N/A	\$0
EQUIPMENT GRANTS PROGRAM (EGP)	10.519					\$347,478	\$347,478	N/A	\$0
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE			KENTUCKY GENERAL GOVERNMENT						
GRANTS PROGRAM (B)	10.525		CABINET	PON2 035 2200000450		\$32,637	\$614,981	RESEARCH AND DEVELOPMENT	\$269,974,427
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE									
GRANTS PROGRAM (B)	10.525		UNIVERSITY OF TENNESSEE	9500095924		\$552,577	\$614,981	N/A	\$0
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 035 2200000452		\$29,767	\$614,981	N/A	\$0
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.525		KENTUCKY CABINET FOR HEALTH	PON2 033 2200000432		\$29,707	\$014,981	N/A	ŞU
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		AND FAMILY SERVICES	PON2 736 2000001835	\$56,667	\$8,638,916	\$8,638,916	SNAP CLUSTER	\$8,638,916
FORESTRY RESEARCH	10.652				\$5,399	\$6,403	\$6.403	RESEARCH AND DEVELOPMENT	\$269,974,427
COOPERATIVE FORESTRY ASSISTANCE	10.664		SLOW THE SPREAD FOUNDATION	21-01-03	+0,000	\$41,009	\$294,558	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY ENERGY AND						
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 1900002770		-\$2,908	\$294,558	N/A	\$0
			KENTUCKY ENERGY AND						
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 1900002820		\$85,058	\$294,558	N/A	\$0
COOPERATIVE FORESTRY ASSISTANCE	10.664		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 128 200000018		\$20,237	\$294,558	N/A	\$0
COOPERATIVE FORESTRY ASSISTANCE	10.004		KENTUCKY ENERGY AND	FONZ 128 200000018		320,237	3254,338	N/A	30
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 2100000238		\$13,423	\$294,558	N/A	\$0
			KENTUCKY ENERGY AND						
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 2100000270		\$13,968	\$294,558	N/A	\$0
			KENTUCKY ENERGY AND						
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 2100000835		-\$1,783	\$294,558	N/A	\$0
COOPERATIVE FORESTRY ASSISTANCE	10.664		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 128 2100001055		\$98,911	\$294,558	N/A	\$0
COOPERATIVE FORESTRY ASSISTANCE	10.004		KENTUCKY ENERGY AND	PON2 128 2100001055		\$98,911	\$294,558	N/A	ŞU
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 2100001130		\$24,843	\$294,558	N/A	\$0
			KENTUCKY ENERGY AND						,
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENT CABINET	PON2 128 2200001437		\$1,800	\$294,558	N/A	\$0
FOREST HEALTH PROTECTION	10.680				\$5,055	\$31,092	\$33,219	RESEARCH AND DEVELOPMENT	\$269,974,427
FOREST HEALTH PROTECTION	10.680		SLOW THE SPREAD FOUNDATION	22-01-03		\$2,127	\$33,219	RESEARCH AND DEVELOPMENT	\$269,974,427
INTERNATIONAL FORESTRY PROGRAMS	10.684					\$34,189	\$34,189	N/A	\$0
PARTNERSHIP AGREEMENTS	10.699					\$984	\$16,293	RESEARCH AND DEVELOPMENT	\$269,974,427
PARTNERSHIP AGREEMENTS	10.699					\$15,309	\$16,293	N/A	\$0
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707				\$13,379	\$23,933	\$23,933	RESEARCH AND DEVELOPMENT	\$269,974,427
TECHNICAL ASSISTANCE AND TRAINING GRANTS	10.761		WEST VIRGINIA UNIVERSITY	16-425-UK-2		\$135,641	\$135,641	N/A	\$0
RURAL ENERGY FOR AMERICA PROGRAM RURAL DEVELOPMENT COOPERATIVE AGREEMENT PROGRAM	10.868 10.890					\$2,554 \$59,071	\$2,554 \$59,071	N/A N/A	\$0 \$0
SOIL AND WATER CONSERVATION	10.902					\$48,572	\$49,984	RESEARCH AND DEVELOPMENT	\$269,974,427
SOIL AND WATER CONSERVATION	10.902					\$1,412	\$49,984	N/A	\$205,574,427
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912					\$26,526	\$143,561	RESEARCH AND DEVELOPMENT	\$269,974,427
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912				\$9,421	\$117,035	\$143,561	N/A	\$0
AGRICULTURAL CONSERVATION EASEMENT PROGRAM	10.931				44,122	\$7,999	\$7,999	RESEARCH AND DEVELOPMENT	\$269,974,427
REGIONAL CONSERVATION PARTNERSHIP PROGRAM	10.932					\$5,500	\$5,500	N/A	\$0
DEPARTMENT OF AGRICULTURE CONTRACT	10.U01	12319818C0010			\$351,167	\$453,875	\$453,875	N/A	\$0
DEPARTMENT OF AGRICULTURE CONTRACT	10.U02	12319819C0006			\$543,537	\$611,601	\$611,601	N/A	\$0
			VIRGINIA POLYTECHNIC INSTITUTE						
DEPARTMENT OF AGRICULTURE CONTRACT	10.U03	320734-19660	AND STATE UNIVERSITY	320734-19660		\$7,261	\$7,261	N/A	\$0
			VIRGINIA POLYTECHNIC INSTITUTE						
DEPARTMENT OF AGRICULTURE CONTRACT	10.U04	423504-19660	AND STATE UNIVERSITY	423504-19660		\$9,747	\$9,747	N/A	\$0
								,	**

Endovel Asserting Appared Programs Title	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title TOTAL DEPARTMENT OF AGRICULTURE	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
					\$1,973,791	\$37,659,349			
DEPARTMENT OF COMMERCE									
CLUSTER GRANTS	11.020					\$187,074	\$187,074	N/A	\$0
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303					\$113,576	\$113,576	N/A	\$0
ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19				\$120,233	\$120,233	ECONOMIC DEVELOPMENT CLUSTER	\$120,233
TOTAL DEPARTMENT OF COMMERCE									
					_	\$420,883			
DEPARTMENT OF DEFENSE									
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$1,025,558	\$2,149,695	RESEARCH AND DEVELOPMENT	\$269,974,427
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$1,124,137	\$2,149,695	N/A	\$203,374,427
			INSTITUTE OF INTERNATIONAL			. , , , .	, , .,	,	, .
ROTC LANGUAGE AND CULTURE TRAINING GRANTS	12.357		EDUCATION INC	PGO1801UKT17PGO051PO3		\$86,302	\$243,083	N/A	\$0
DOTE LANGUAGE AND CHITTURE TRANSPING CRANITS	42.257		INSTITUTE OF INTERNATIONAL	00040041111747000074004		ć455 7 04	6242.002	**/*	ćo
ROTC LANGUAGE AND CULTURE TRAINING GRANTS MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.357 12.420		EDUCATION INC	PGO1801UKT17PGO051PO4	\$719,481	\$156,781 \$3,885,362	<i>\$243,083</i> \$4,663,471	N/A RESEARCH AND DEVELOPMENT	\$0 \$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	COVID-19			\$68,475	\$320,881	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
WILLIAM WESTER RESEARCH AND SEVERS WEST	12.420	COVID 13	UNIVERSITY OF MARYLAND,		<i>\$00,475</i>	\$520,001	Ş4,003,471	NESE WELL BEVELOT WELL	Q203,374,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		BALTIMORE	1701217A		\$155,154	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF FLORIDA	1900671123		\$7,809	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		JOHNS HOPKINS UNIVERSITY	2004437965		\$4,273	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		JOHNS HOPKINS UNIVERSITY	2004440006		\$1,306	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		JOHNS HOPKINS UNIVERSITY	2004812938		\$2,223	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
			LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER, NEW						
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		ORLEANS	22-72-044		\$46,623	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF ARIZONA	536683		\$6,322	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		ATRIUM HEALTH	A21-0111-5004		\$9,571	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF PITTSBURGH	CNVA00056666 (413614-16)		\$574	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		DENVER RESEARCH INSTITUTE	MSRC-FY19-06		\$223,373	\$4,663,471	RESEARCH AND DEVELOPMENT	\$269,974,427
BASIC SCIENTIFIC RESEARCH	12.431				\$24,991	\$2,000,389	\$3,248,943	RESEARCH AND DEVELOPMENT	\$269,974,427
BASIC SCIENTIFIC RESEARCH BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.431					\$1,248,554	\$3,248,943	N/A	\$0
ENGINEERING	12.630		JOHNS HOPKINS UNIVERSITY	163332		\$74,451	\$169,186	RESEARCH AND DEVELOPMENT	\$269,974,427
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND			UNIVERSITY OF SOUTHERN			7. 7.0-	7-00,-00		
ENGINEERING	12.630		MISSISSIPPI	8006634-01.02 UK		\$94,735	\$169,186	RESEARCH AND DEVELOPMENT	\$269,974,427
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$60,611	\$129,207	\$219,010	RESEARCH AND DEVELOPMENT	\$269,974,427
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY OF MICHIGAN	SUBK00012264		\$89,803	\$219,010	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910					\$145,299	\$145,299	RESEARCH AND DEVELOPMENT	\$269,974,427
			HENRY M JACKSON FOUNDATION						
DEPARTMENT OF DEFENSE CONTRACT	12.RD	1022177	FOR THE ADVANCEMENT OF MILITARY MEDICINE	1022177		\$112,087	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT DEPARTMENT OF DEFENSE CONTRACT	12.RD	1-312-0216591-65548L	RESEARCH TRIANGLE INSTITUTE	1-312-0216591-65548L		\$1,281	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	14917-SD49	MATERIALS SCIENCES CORP	14917-SD49		\$69,651	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
			NORTH CAROLINA STATE			, ,	,,,,,,		,,. ,
DEPARTMENT OF DEFENSE CONTRACT	12.RD	2021-1156-09	UNIVERSITY	2021-1156-09		\$178,239	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	22205UKY	ADVANCED FIBER TECHNOLOGY	22205UKY		\$30,384	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	2550-1	INTELLIGENT AUTOMATION INC	2550-1		\$97,444	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	2554-002-1	INTELLIGENT AUTOMATION INC	2554-002-1		\$97,523	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	2554-1	INTELLIGENT AUTOMATION INC	2554-1		\$6,973	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	2614-1	INTELLIGENT AUTOMATION INC	2614-1		\$103,236	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD 12.RD	2631-1	INTELLIGENT AUTOMATION INC	2631-1		\$91,232	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT DEPARTMENT OF DEFENSE CONTRACT	12.RD	ATO4-301-5050-DIV03 ERDC-MECI-PLA-0007	KORD TECHNOLOGIES SOSSEC INCORPORATED	ATO4-301-5050-DIV03 ERDC-MECI-PLA-0007		\$5,460 \$1,030,278	\$3,737,419 \$3,737,419	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
DEPARTMENT OF DEFENSE CONTRACT DEPARTMENT OF DEFENSE CONTRACT	12.RD	HE-676	HILL ENGINEERING LLC	HE-676		\$1,030,278 \$82,897	\$3,737,419 \$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
						+,,			+===,=. 1,+21
DEPARTMENT OF DEFENSE CONTRACT	12.RD	HM047619C0085	NOVATEUR RESEARCH SOLUTIONS	HM047619C0085		\$8,642	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
			INTEGRATED MATERIALS AND						
DEPARTMENT OF DEFENSE CONTRACT	12.RD	IMPI2201	PROCESS INTELLIGENCE LLC	IMPI2201		\$16,119	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	K003034-00-S05	KITWARE INCORPORATED	K003034-00-S05		\$204,175	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEDUCATION OF DESCRICE CONTRACT	43.05	A4T240005.025	ADVANCED TECHNOLOGY	447240005 020	A70	4200.45	42.727	DESCRIPCIONALE DE LE CONTESTE	4250.075
DEPARTMENT OF DEFENSE CONTRACT DEPARTMENT OF DEFENSE CONTRACT	12.RD 12.RD	MT210005.028 N00014-18-C-2025	INTERNATIONAL	MT210005.028	\$79,716	<i>\$288,401</i> \$818,359	\$3,737,419 \$3,737,419	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
DEPARTMENT OF DEFENSE CONTRACT DEPARTMENT OF DEFENSE CONTRACT	12.RD 12.RD	N00014-18-C-2025 N0017321P1215				\$818,359 \$71,464	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DELANTIMENT OF DEFENSE CONTRACT	12.ND	NUU1/321F1213				<i>\$11,</i> 404	33,737,419	RESEARCH AND DEVELOPIVIENT	\$205,514,421

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
DEPARTMENT OF DEFENSE CONTRACT	12.RD	N00253-17-C-0014	ENGI MAT COMPANY SENSOR TECHNOLOGY ENGINEERING	N00253-17-C-0014	,	\$11,061	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	PO 19392	LLC CANDENT TECHNOLOGIES	PO 19392		\$20,900	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	PO 21008ES	INCORPORATED	PO 21008ES		\$122,440	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	RSC19048	UNIVERSITY OF DAYTON RESEARCH INSTITUTION	RSC19048		\$157,492	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.RD	WSU# 21-02862	WICHITA STATE UNIVERSITY	WSU# 21-02862		\$111,681	\$3,737,419	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF DEFENSE CONTRACT	12.U01	ERDC-MECI-PLA-0007	SOSSEC INCORPORATED	ERDC-MECI-PLA-0007		\$786,345	\$786,345	N/A	\$0
DEPARTMENT OF DEFENSE CONTRACT	12.U02	W81K04-17-D-0001				\$48,110	\$48,110	N/A	\$0
TOTAL DEPARTMENT OF DEFENSE					\$953,274	\$15,410,561			
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT									
HEALTHY HOMES TECHNICAL STUDIES GRANTS	14.906				\$4,729	\$45,642	\$45,642	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT					\$4,729	\$45,642			
DEPARTMENT OF THE INTERIOR									
SCIENCE AND TECHNOLOGY PROJECTS RELATED TO COAL MINING AND									
RECLAMATION	15.255		VENTUCKY TOURS A ARTS ACT			\$122,271	\$122,271	RESEARCH AND DEVELOPMENT	\$269,974,427
COORSELETIVE SAID ANGERED CRECKES CONCERNATION SUMP	45.645		KENTUCKY TOURSIM, ARTS AND	00112 550 2400002522		640.457	640.457	DECEMBER AND DEVELOPMENT	4250 074 427
COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND VISITOR FACILITY ENHANCEMENTS - REFUGES AND WILDLIFE	15.615 15.654		HERTIAGE CABINET	PON2 660 2100002623		<i>\$18,457</i> \$1,641	\$18,457 \$1,641	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
ENDANGERED SPECIES CONSERVATION & RECOVERY	13.034					\$1,041	31,041	RESEARCH AND DEVELOPMENT	3203,374,427
IMPLEMENTATION FUNDS	15.657		KENTUCKY WATERWAYS ALLIANCE	F17AC00264	\$6,158	\$15,801	\$15,801	RESEARCH AND DEVELOPMENT	\$269,974,427
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678				7-0/	\$232	\$232	RESEARCH AND DEVELOPMENT	\$269,974,427
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805				\$34,413	\$118,526	\$118,526	RESEARCH AND DEVELOPMENT	\$269,974,427
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807					\$34,208	\$34,208	RESEARCH AND DEVELOPMENT	\$269,974,427
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				\$7,865	\$200,831	\$200,831	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810					\$277,286	\$277,286	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL GEOLOGICAL AND GEOPHYSICAL DATA PRESERVATION									
PROGRAM SAVE AMERICA'S TREACHES	15.814					\$110,604 \$444,470	\$110,604 \$444,470	N/A	\$0 \$0
SAVE AMERICA'S TREASURES COOPERATIVE RESEARCH AND TRAINING PROGRAMS & RESOURCES OF THE	15.929					\$444,470	\$444,470	N/A	\$0
NATIONAL PARK SYSTEM	15.945					\$34,956	\$34,956	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL GROUND-WATER MONITORING NETWORK	15.980					\$8,504	\$8,504	RESEARCH AND DEVELOPMENT	\$269,974,427
			NEW MEXICO INSTITUTE OF MINING						
DEPARTMENT OF THE INTERIOR CONTRACT	15.RD	P0020746	AND TECHNOLOGY	P0020746		\$22,270	\$32,269	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF THE INTERIOR CONTRACT	15.RD	USGS072021				\$9,999	\$32,269	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL DEPARTMENT OF THE INTERIOR					\$48,436	\$1,420,056			
DEPARTMENT OF JUSTICE									
OVW RESEARCH AND EVALUATION PROGRAM	16.026				\$2,000	\$48,416	\$48.416	RESEARCH AND DEVELOPMENT	\$269.974.427
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND	10.020				\$2,000	Ş40,410	340,410	RESEARCH AND DEVELOT WENT	3203,374,427
DEVELOPMENT PROJECT GRANTS	16.560		KENTUCKY JUSTICE AND PUBLIC		\$126,716	\$320,054	\$320,054	RESEARCH AND DEVELOPMENT	\$269,974,427
CRIME VICTIM ASSISTANCE	16.575		SAFETY CABINET	VOCA2020UKRESEARC00069		\$181,500	\$495,006	N/A	\$0
CRIME VICTIM ASSISTANCE	16.575		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	VOCA2021UKRESEARC00069		\$313,506	\$495,006	N/A	\$0
HAROLD ROGERS PRESCRIPTION DRUG MONITORING PROGRAM	16.754					\$360,285	\$360,285	RESEARCH AND DEVELOPMENT	\$269,974,427
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838		LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT	DOJ032019		\$8,803	\$8,843	RESEARCH AND DEVELOPMENT	\$269,974,427
			INSTITUTE FOR						
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM TOTAL DEPARTMENT OF JUSTICE	16.838		INTERGOVERNMENTAL RESEARCH	DOJ122019		\$40	\$8,843	RESEARCH AND DEVELOPMENT	\$269,974,427
					\$128,716	\$1,232,604			
DEPARTMENT OF LABOR									
			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
EMPLOYMENT SERVICE/WAGNER-PEYSER FUNDED ACTIVITIES	17.207		CABINET	PON2 531 2100002432		\$57,249	\$57,249	RESEARCH AND DEVELOPMENT	\$269.974.427
UNEMPLOYMENT INSURANCE	17.225		KENTUCKY LABOR CABINET	PON2 142 2100002879		\$57,356	\$57,356	RESEARCH AND DEVELOPMENT	\$269,974,427
						,,	71.7550		+===,=: 4,427

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity KENTUCKY EDUCATION AND	Entity	Sub-Recipients	Expenditures	Total	Name	Total
DISABILITY EMPLOYMENT POLICY DEVELOPMENT	17.720		WORKFORCE DEVELOPMENT CABINET KENTUCKY EDUCATION AND	PON2 531 2000003600		-\$1,925	\$4,320,289	RESEARCH AND DEVELOPMENT	\$269,974,427
DISABILITY EMPLOYMENT POLICY DEVELOPMENT	17.720		WORKFORCE DEVELOPMENT CABINET KENTUCKY EDUCATION AND	PON2 531 2100001807		\$510,960	\$4,320,289	RESEARCH AND DEVELOPMENT	\$269,974,427
DISABILITY EMPLOYMENT POLICY DEVELOPMENT	17.720		WORKFORCE DEVELOPMENT CABINET KENTUCKY EDUCATION AND	PON2 531 2100002792	\$120,220	\$3,073,496	\$4,320,289	RESEARCH AND DEVELOPMENT	\$269,974,427
DISABILITY EMPLOYMENT POLICY DEVELOPMENT	17.720		WORKFORCE DEVELOPMENT CABINET KENTUCKY EDUCATION AND	PON2 531 2000001756		\$681,471	\$4,320,289	N/A	\$0
DISABILITY EMPLOYMENT POLICY DEVELOPMENT TOTAL DEPARTMENT OF LABOR	17.720		WORKFORCE DEVELOPMENT CABINET	PON2 531 2000002795		\$56,287	\$4,320,289	N/A	\$0
					\$120,220	\$4,434,894			
DEPARTMENT OF TRANSPORTATION									
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		COLORADO STATE UNIVERSITY	G-03014-01		\$59,888	\$438,336	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR 03-140	\$48,652	\$157,411	\$438,336	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR 08-110		\$9,468	\$438,336	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR 15-72	\$34,336	\$181,654	\$438,336	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR 20-05(51-01)		\$531	\$438,336	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR 20-07(428)		\$5,773	\$438,336	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR 20-05(52-14)		\$3,304	\$438,336	N/A	\$0
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05(52-19)		\$3,057	\$438,336	N/A	\$0
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES KENTUCKY TRANSPORTATION	HR 20-05(53-04)		\$17,250	\$438,336	N/A	\$0
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CABINET KENTUCKY TRANSPORTATION	PON2 605 1400002932		-\$1,834	\$4,476,281	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CABINET KENTUCKY TRANSPORTATION	PON2 605 1600002186		\$12,158	\$4,476,281	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CABINET KENTUCKY TRANSPORTATION	PON2 605 1800001487		\$804,293	\$4,476,281	RESEARCH AND DEVELOPMENT	\$269,974,427
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CABINET KENTUCKY TRANSPORTATION	PON2 605 2000002653	\$69,137	\$3,610,971	\$4,476,281	RESEARCH AND DEVELOPMENT HIGHWAY PLANNING AND	\$269,974,427
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CABINET	PON2 605 1800001487		\$41,503	\$4,476,281	CONSTRUCTION CLUSTER	\$50,693
HIGHWAY PLANNING AND CONSTRUCTION	20.205		KENTUCKY TRANSPORTATION CABINET KENTUCKY TRANSPORTATION	PON2 605 1800001704		\$8,932	\$4,476,281	HIGHWAY PLANNING AND CONSTRUCTION CLUSTER HIGHWAY PLANNING AND	\$50,693
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CABINET	PON2 605 2100000675		\$258	\$4,476,281	CONSTRUCTION CLUSTER	\$50,693
HIGHWAY TRAINING AND EDUCATION	20.215		KENTUCKY TRANSPORTATION			\$4,855	\$216,084	N/A	\$0
HIGHWAY TRAINING AND EDUCATION	20.215		CABINET KENTUCKY TRANSPORTATION KENTUCKY TRANSPORTATION	PON2 605 1400002932		\$45,753	\$216,084	N/A	\$0
HIGHWAY TRAINING AND EDUCATION	20.215		CABINET	PON2 605 2000002653		\$165,476	\$216,084	N/A	\$0
NATIONAL MOTOR CARRIER SAFETY	20.218		KENTUCKY TRANSPORTATION CABINET KENTUCKY TRANSPORTATION	PON2 605 2000002173		\$168,632	\$168,632	RESEARCH AND DEVELOPMENT	\$269,974,427
COMMERCIAL DRIVER'S LICENSE PROGRAM IMPROVEMENT GRANT	20.232		CABINET	PON2 605 2000002173		\$43,323	\$43,323	RESEARCH AND DEVELOPMENT	\$269,974,427
COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		KENTUCKY TRANSPORTATION CABINET KENTUCKY TRANSPORTATION	PON2 605 1600001833		\$47,714	\$938,965	RESEARCH AND DEVELOPMENT	\$269,974,427
COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		CABINET	PON2 605 1800001487		\$36,797	\$938,965	RESEARCH AND DEVELOPMENT	\$269,974,427
COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		KENTUCKY TRANSPORTATION CABINET	PON2 605 1800001704		\$524,429	\$938,965	RESEARCH AND DEVELOPMENT	\$269,974,427
COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		KENTUCKY TRANSPORTATION CABINET	PON2 605 2000002173		\$251,980	\$938,965	RESEARCH AND DEVELOPMENT	\$269,974,427

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		1.7	KENTUCKY TRANSPORTATION						
COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		CABINET KENTUCKY TRANSPORTATION	PON2 605 1800001487		\$16,390	\$938,965	FMCSA CLUSTER	\$78,045
COMMERCIAL VEHICLE INFORMATION SYSTEMS AND NETWORKS	20.237		CABINET	PON2 605 2000002173		\$61,655	\$938,965	FMCSA CLUSTER	\$78,045
CUEL TAX CUASION INTERCOVERNMENTAL ENCORES AND ESCORE	20.240		KENTUCKY TRANSPORTATION	0043 005 3000003473		430.555	420.555	DECEMBELL AND DELICIONATIVE	6260.074.427
FUEL TAX EVASION-INTERGOVERNMENTAL ENFORCEMENT EFFORT	20.240		CABINET GEORGIA INSTITUTE OF	PON2 605 2000002173		\$30,555	\$30,555	RESEARCH AND DEVELOPMENT	\$269,974,427
PUBLIC TRANSPORTATION RESEARCH	20.514		TECHNOLOGY	AWD-102727-G1		\$16,226	\$16,226	RESEARCH AND DEVELOPMENT	\$269,974,427
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		KENTUCKY TRANSPORTATION CABINET	PON2 605 2100000682		\$61,675	\$267,376	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY TRANSPORTATION						
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		CABINET KENTUCKY TRANSPORTATION	PON2 605 2100000688		\$8,869	\$267,376	RESEARCH AND DEVELOPMENT	\$269,974,427
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		CABINET	PON2 605 2100003330		\$87,116	\$267,376	RESEARCH AND DEVELOPMENT	\$269,974,427
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		KENTUCKY TRANSPORTATION CABINET	PON2 605 2200000368		\$21,603	\$267,376	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY TRANSPORTATION						
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		CABINET KENTUCKY TRANSPORTATION	PON2 605 2200000424		\$57,740	\$267,376	RESEARCH AND DEVELOPMENT	\$269,974,427
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		CABINET	PON2 605 2200000438		\$30,373	\$267,376	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY TRANSPORTATION						
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET KENTUCKY TRANSPORTATION	PON2 605 2000000438		-\$1,864	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET	PON2 605 2100000584		\$7,658	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		KENTUCKY TRANSPORTATION CABINET	PON2 605 2100000678		\$21,607	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY TRANSPORTATION						
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET KENTUCKY TRANSPORTATION	PON2 605 2100000680		\$15,399	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET	PON2 605 2100000684		\$50,756	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		KENTUCKY TRANSPORTATION CABINET	PON2 605 2200000404		\$60,473	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITT SAFETT PROGRAMS	20.010		KENTUCKY TRANSPORTATION	PON2 605 2200000404		\$00,473	\$399,483	RESEARCH AND DEVELOPMENT	\$209,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET	PON2 605 2200000434		\$29,576	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		KENTUCKY TRANSPORTATION CABINET	PON2 605 2200000435		\$30,406	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY TRANSPORTATION						
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET KENTUCKY TRANSPORTATION	PON2 605 2200000440		\$32,143	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET	PON2 605 2200000446		\$38,122	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		KENTUCKY TRANSPORTATION CABINET	PON2 605 2200000733		\$15,819	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		UNIVERSITY OF LOUISVILLE	ULRF_21-0209-01		\$10,534	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		UNIVERSITY OF LOUISVILLE	ULRF_22-0215-01		\$5,518	\$399,483	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		KENTUCKY TRANSPORTATION CABINET	PON2 605 2100000676		\$15,326	\$399,483	HIGHWAY SAFETY CLUSTER	\$83,336
			KENTUCKY TRANSPORTATION						
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		CABINET GEORGIA INSTITUTE OF	PON2 605 2200000475		\$68,010	\$399,483	HIGHWAY SAFETY CLUSTER	\$83,336
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		TECHNOLOGY	AWD-001419-G3		\$90,658	\$90,658	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF TRANSPORTATION CONTRACT	20.RD	17ZWB00015	VANASSE HANGEN BRUSTLIN INCORPORATED	17ZWBO0015		\$13,496	\$121,380	RESEARCH AND DEVELOPMENT	\$269,974,427
DELANTIMENT OF THAIRST ON A HON CONTRACT	20.110	1724/1000015	MICHIGAN TECHNOLOGICAL	17244000015		<i>\$15,450</i>	Ş121,300°	RESEARCH AND DEVELOT WENT	\$205,574,427
DEPARTMENT OF TRANSPORTATION CONTRACT	20.RD	1807066Z1	UNIVERSITY	1807066Z1		\$413	\$121,380	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF TRANSPORTATION CONTRACT	20.RD	24769	KITTELSON AND ASSOCIATES INCORPORATED	24769		\$48,732	\$121,380	RESEARCH AND DEVELOPMENT	\$269,974,427
							4		4
DEPARTMENT OF TRANSPORTATION CONTRACT	20.RD	HR 20-06(25-01)	NATIONAL ACADEMY OF SCIENCES UNIVERSITY OF COLORADO	HR 20-06(25-01)		\$59	\$121,380	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF TRANSPORTATION CONTRACT	20.RD	PO P2019006	BOULDER	PO P2019006		\$58,680	\$121,380	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL DEPARTMENT OF TRANSPORTATION					\$152,125	\$7,207,299			
					7132,123	Ş1,E01,E33			
APPALACHIAN REGIONAL COMMISSION									
			FOUNDATION FOR APPALACHIAN						
APPALACHIAN AREA DEVELOPMENT TOTAL APPALACHIAN REGIONAL COMMISSION	23.002		KENTUCKY	FFAK022020		\$184,241	\$184,241	N/A	\$0
TOTAL AFFALACHIAN REGIONAL CONTINUESTION						\$184,241			
					_				

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
NATIONAL AERONAUTICS & SPACE ADMINISTRATION									
SCIENCE	43.001					\$406,186	\$495,538	RESEARCH AND DEVELOPMENT	\$269,974,427
SCIENCE	43.001		MONTANA STATE UNIVERSITY	G329-22-W9649		\$4,487	\$495,538	RESEARCH AND DEVELOPMENT	\$269,974,427
COURT	42.004		SMITHSONIAN ASTROPHYSICAL	CO4 22404V		ćcro	6405 530	DESCRIPCIO AND DEVELOPMENT	6260.074.427
SCIENCE	43.001		OBSERVATORY SMITHSONIAN ASTROPHYSICAL	GO1-22104X		\$658	\$495,538	RESEARCH AND DEVELOPMENT	\$269,974,427
SCIENCE	43.001		OBSERVATORY	GO1-22126X		\$17,585	\$495,538	RESEARCH AND DEVELOPMENT	\$269,974,427
SCIENCE	43.001		PENNSYLVANIA STATE UNIVERSITY	S000353-NASA		\$66,622	\$495,538	RESEARCH AND DEVELOPMENT	\$269,974,427
AERONAUTICS	43.002		OKLAHOMA STATE UNIVERSITY	1-501971-UK		\$119,643	\$119,643	RESEARCH AND DEVELOPMENT	\$269,974,427
EXPLORATION SPACE OPERATIONS	43.003 43.007					\$35,639 \$110,388	\$35,639 \$110,388	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
EDUCATION	43.007				\$198,757	\$947,541	\$1,612,367	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION	43.008				\$287,769	\$664,826	\$1,612,367	N/A	\$0
SPACE TECHNOLOGY	43.012					\$134,230	\$562,221	RESEARCH AND DEVELOPMENT	\$269,974,427
SPACE TECHNOLOGY	43.012		UNIVERSITY OF ILLINOIS	094156-17278		\$98,253	\$562,221	RESEARCH AND DEVELOPMENT	\$269,974,427
SPACE TECHNOLOGY	43.012		UNIVERSITY OF COLORADO	1561287		\$193,512	\$562,221	RESEARCH AND DEVELOPMENT	\$269,974,427
SPACE TECHNOLOGY	43.012		UNIVERSITY OF MINNESOTA	A006581701		\$20,082	\$562,221	RESEARCH AND DEVELOPMENT	\$269,974,427
SPACE TECHNOLOGY NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.012 43.RD	80NSSC21P1215				\$116,144 \$35,872	\$562,221 \$409,043	N/A RESEARCH AND DEVELOPMENT	\$0 \$269,974,427
NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.KD	80N35C21P1215	SPACE TELESCOPE SCIENCE			\$33,872	\$409,043	RESEARCH AND DEVELOPMENT	\$209,974,427
NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.RD	HST-AR-14556.001-A	INSTITUTE	HST-AR-14556.001-A		\$44,513	\$409,043	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.RD	HST-AR-15018.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-15018.001-A		\$47,216	\$409,043	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.KD	H51-AK-15018.001-A	SPACE TELESCOPE SCIENCE	H51-AK-15018.001-A		\$47,216	\$409,043	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT	43.RD	HST-GO-16196.003-A	INSTITUTE	HST-GO-16196.003-A		\$127,891	\$409,043	RESEARCH AND DEVELOPMENT	\$269,974,427
			ANALYTICAL MECHANICS			4			
NATIONAL AERONAUTICS SPACE COMMISSION CONTRACT TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION	43.RD	T3-0606-FY21	ASSOCIATES INC	T3-0606-FY21		\$153,551	\$409,043	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL NATIONAL ACRONACTICS & SPACE ADMINISTRATION					\$486,526	\$3,344,839			
ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES									
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024					\$16,970	\$16,970	N/A	\$0
PROMOTION OF THE HUMANITIES_CHALLENGE GRANTS	45.130					\$47,110	\$47,110	N/A	\$0
PROMOTION OF THE HUMANITIES_DIVISION OF PRESERVATION									
AND ACCESS	45.149		EMORY UNIVERSITY	A578635		\$2,202	\$2,202	N/A	\$0
PROMOTION OF THE HUMANITIES_FELLOWSHIPS AND STIPENDS PROMOTION OF THE HUMANITIES_OFFICE OF DIGITAL HUMANITIES	45.160 45.169					\$17,504 \$138,464	\$17,504 \$138,464	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
MUSEUMS FOR AMERICA	45.301					\$26,896	\$26,896	N/A	\$203,574,427
NATIONAL LEADERSHIP GRANTS	45.312				\$84,337	\$185,647	\$272,560	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL LEADERSHIP GRANTS	45.312	COVID-19				\$66,178	\$272,560	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL LEADERSHIP GRANTS	45.312					\$20,735	\$272,560	N/A	\$0
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES					\$84,337	\$521,706			
					+31,557	Ţ,.00			
NATIONAL SCIENCE FOUNDATION									
ENGINEERING	47.041				\$756,512	\$2,532,175	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041	COVID-19				\$56,612	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		CARNEGIE MELLON UNIVERSITY ASCRIBE BIOSCIENCES	1122905-455847		\$2,306	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		INCORPORATED	1951164		\$13,628	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		RALPHVR INCORPORATED	2125984		\$23,836	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING ENGINEERING	47.041 47.041		UNIVERSITY OF VIRGINIA NEW MEXICO STATE UNIVERSITY	GA11518 Q02300		\$19,680 \$6,539	\$2,976,024 \$2,976,024	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
ENGINEERING	47.041		UNIVERSITY OF FLORIDA	UFDSP0002095		\$6,539 \$79,678	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		UNIVERSITY OF FLORIDA	UFDSP0002631		\$30,944	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		UNIVERSITY OF FLORIDA	UFDSP0003062		\$10,671	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		UNIVERSITY OF LOUISVILLE	ULRF 15-1257		\$14,484	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
ENGINEERING	47.041		UNIVERSITY OF LOUISVILLE	ULRF_20-0743-01		\$185,471	\$2,976,024	RESEARCH AND DEVELOPMENT	\$269,974,427
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$3,259,752	\$3,272,668	RESEARCH AND DEVELOPMENT	\$269,974,427

		Additional		Identifying Number					
	Federal	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	CFDA	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		ARIZONA STATE UNIVERSITY	ASUB00000733	ć07 C20	\$12,916	\$3,272,668	RESEARCH AND DEVELOPMENT	\$269,974,427
GEOSCIENCES GEOSCIENCES	47.050 47.050		COLUMN DIA LIMINI DELLA	000/CC000303 041	\$87,620	\$514,608	\$547,149 <i>\$547,149</i>	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
GEOSCIENCES GEOSCIENCES	47.050 47.050		COLUMBIA UNIVERSITY MONTANA STATE UNIVERSITY	88B(GG009393-04) G337-20-W8323		\$15,008 \$17,533	\$547,149 \$547,149	RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		WONTAINA STATE UNIVERSITY	G337-20-W8323	\$24,132	\$4,013,690	\$4,473,815	RESEARCH AND DEVELOPMENT	\$269,974,427
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		IOWA STATE UNIVERSITY	022813B	324,132	\$47,261	\$4,473,815	RESEARCH AND DEVELOPMENT	\$269,974,427
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF COLORADO	1562249		\$916	\$4,473,815	RESEARCH AND DEVELOPMENT	\$269,974,427
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF NEBRASKA OMAHA	45-0806-1078-201		\$9,566	\$4,473,815	RESEARCH AND DEVELOPMENT	\$269,974,427
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF NORTH CAROLINA	5115827		\$402,382	\$4,473,815	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOLOGICAL SCIENCES	47.074				\$30,725	\$2,333,286	\$2,333,286	RESEARCH AND DEVELOPMENT	\$269,974,427
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$35,580	\$559,154	\$559,154	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION AND HUMAN RESOURCES	47.076				\$307,502	\$2,717,011	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION AND HUMAN RESOURCES	47.076		WASHINGTON STATE UNIVERSITY	133380-G003964		\$13,662	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION AND HUMAN RESOURCES	47.076		UNIVERSITY OF OREGON	2012D0B		\$29,347	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION AND HUMAN RESOURCES	47.076		TEXAS TECHNICAL UNIVERSITY	21P644-01		\$27,565	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION AND HUMAN RESOURCES	47.076		NEW YORK UNIVERSITY SOUTHERN UNIVERSITY AND	F8795-03		\$671	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
			AGRICULTURAL AND MECHANICAL				4		
EDUCATION AND HUMAN RESOURCES	47.076		COLLEGE CALIFORNIA STATE UNIVERSITY,	OSP-02-8300-2021-0010		\$29,973	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
EDUCATION AND HUMAN RESOURCES	47.076		EAST BAY	W1206-417		\$27,771	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		EAST BAT	W1200-417		\$28,559	\$2,846,000	RESEARCH AND DEVELOPMENT	\$269,974,427
INTEGRATIVE ACTIVITIES	47.079				\$2,345,831	\$5,180,117	\$5,423,336	RESEARCH AND DEVELOPMENT	\$269,974,427
	47.083		HOWARD UNIVERSITY	0000001 1000005001	\$2,345,831			RESEARCH AND DEVELOPMENT	
INTEGRATIVE ACTIVITIES				0009861 -1000095661		-\$19,853	\$5,423,336		\$269,974,427
INTEGRATIVE ACTIVITIES	47.083		MURRAY STATE UNIVERSITY	2017-069		\$29,393	\$5,423,336	RESEARCH AND DEVELOPMENT	\$269,974,427
INTEGRATIVE ACTIVITIES	47.083		UNIVERSITY OF VERMONT	33073SUB52641		\$201,872	\$5,423,336	RESEARCH AND DEVELOPMENT	\$269,974,427
INTEGRATIVE ACTIVITIES	47.083		LOUISIANA STATE UNIVERSITY	PO-0000018143		\$31,807	\$5,423,336	RESEARCH AND DEVELOPMENT	\$269,974,427
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084					\$600	\$600	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL NATIONAL SCIENCE FOUNDATION					\$3,587,902	\$22,460,591			
SECURITIES AND EXCHANGE COMMISSION									
CECURITIES AND EVOLUANCE COMMISSION CONTRACT	58.RD	SEC082020				\$12,145	\$76.945	RESEARCH AND DEVELOPMENT	¢260.074.427
SECURITIES AND EXCHANGE COMMISSION CONTRACT SECURITIES AND EXCHANGE COMMISSION CONTRACT	58.RD	SEC082020					\$76,945		\$269,974,427
TOTAL SECURITIES AND EXCHANGE COMMISSION TOTAL SECURITIES AND EXCHANGE COMMISSION	36.KU	3EC082021				\$64,800 \$76,945	\$70,945	RESEARCH AND DEVELOPMENT	\$269,974,427
SMALL BUSINESS ADMINISTRATION					_	\$70,545			
SWALL BUSINESS ADMINISTRATION									
SMALL BUSINESS DEVELOPMENT CENTERS	59.037				\$5,021	\$1,234,331	\$2,182,185	N/A	\$0
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	COVID-19				\$947,854	\$2,182,185	N/A	\$0
TOTAL SMALL BUSINESS ADMINISTRATION					\$5,021	\$2,182,185			
					33,021	32,182,183			
TENNESSEE VALLEY AUTHORITY									
TENNESSEE VALLEY AUTHORITY OTHER	62.RD	PO 7225606				\$8,409	\$8,409	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL TENNESSEE VALLEY AUTHORITY						\$8,409			
DEPARTMENT OF VETERANS AFFAIRS									
VETERANS ADMINISTRATION CONTRACT	64.RD	642D16021				\$4,549	\$105,039	RESEARCH AND DEVELOPMENT	\$269,974,427
VETERANS ADMINISTRATION CONTRACT	64.RD	642D26013				\$69,538	\$105,039	RESEARCH AND DEVELOPMENT	\$269,974,427
VETERANS ADMINISTRATION CONTRACT	64.RD	679-D05009				\$695	\$105,039	RESEARCH AND DEVELOPMENT	\$269,974,427
VETERANS ADMINISTRATION CONTRACT	64.RD	679-D05010				\$772	\$105.039	RESEARCH AND DEVELOPMENT	\$269,974,427
VETERANS ADMINISTRATION CONTRACT	64.RD	PO583-D15095				\$29,485	\$105,039	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL DEPARTMENT OF VETERANS AFFAIRS							,,		,,.
					_	\$105,039			
ENVIRONMENTAL PROTECTION AGENCY									
			KENTUCKY CABINET FOR HEALTH						
STATE INDOOR RADON GRANTS	66.032		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 728 2000002263		\$71,434	\$98,890	N/A	\$0
STATE INDOOR RADON GRANTS	66.032		AND FAMILY SERVICES	PON2 728 2200001042		\$27,456	\$98,890	N/A	\$0

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title SURVEYS, STUDIES, RESEARCH, INVESTIGATIONS,	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
DEMONSTRATIONS, AND SPECIAL PURPOSE ACTIVITIES RELATING			CONFERENCE OF RADIATION						
TO THE CLEAN AIR ACT	66.034		CONTROL PROGRAM	CRCPD2020		\$115	\$115	N/A	\$0
SURVEYS, STUDIES, INVESTIGATIONS, DEMONSTRATIONS, AND TRAINING						,	, .	,	, .
GRANTS AND COOPERATIVE AGREEMENTS - SECTION 104(B)(3) OF THE									
CLEAN WATER ACT	66.436					\$13	\$2,381	N/A	\$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		\$2,368	\$2,381	N/A	\$0
GULF OF MEXICO PROGRAM	66.475		MISSISSIPPI STATE UNIVERSITY	080300.341765.03		\$28,757	\$28,757	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
PERFORMANCE PARTNERSHIP GRANTS	66.605		CABINET	PON2 035 2000002452		\$40,946	\$163,500	N/A	\$0
PERFORMANCE PARTNERSHIP GRANTS	66.605		KENTUCKY ENERGY AND ENVIRONMENT CABINET	PON2 129 2000004347		\$50,567	\$163,500	N/A	\$0
PERFORMANCE PARTNERSHIP GRANTS	66.603		KENTUCKY ENERGY AND	PUN2 129 2000004347		\$50,507	\$103,500	N/A	υ¢
PERFORMANCE PARTNERSHIP GRANTS	66.605		ENVIRONMENT CABINET	PON2 129 2200000339		\$16,075	\$163,500	N/A	\$0
			KENTUCKY ENERGY AND			, ,, .	,,	,	, .
PERFORMANCE PARTNERSHIP GRANTS	66.605		ENVIRONMENT CABINET	PON2 129 2200000720		\$55,912	\$163,500	N/A	\$0
RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION,									
TRAINING, DEMONSTRATIONS, AND STUDIES	66.716		EXTENSION FOUNDATION	SA-2021-10		\$14,308	\$24,207	N/A	\$0
RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION,	cc 74.c		EVERYCION COUNDATION	64 2022 24		ća 200	624.207	21/2	ćo
TRAINING, DEMONSTRATIONS, AND STUDIES TOTAL ENVIRONMENTAL PROTECTION AGENCY	66.716		EXTENSION FOUNDATION	SA-2022-24		\$9,899	\$24,207	N/A	\$0
TOTAL ENVIRONMENTAL PROTECTION AGENCY						\$317,850			
					-	J317,030			
DEPARTMENT OF ENERGY									
STATE ENERGY PROGRAM	81.041		KENTUCKY ENERGY AND ENVIRONMENT CABINET KENTUCKY ENERGY AND	PON2 141 2100000265		\$1,080	\$74,443	N/A	\$0
STATE ENERGY PROGRAM	81.041		ENVIRONMENT CABINET	PON2 141 2100002921		\$73,363	\$74,443	N/A	\$0
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ENVINONNENT CABINET	7 ONZ 141 2100002321		\$1,981,485	\$2,059,156	RESEARCH AND DEVELOPMENT	\$269,974,427
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		POWERTECH WATER LLC	DE-SC0021567		\$17,698	\$2,059,156	RESEARCH AND DEVELOPMENT	\$269,974,427
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ENGI MAT COMPANY	DE-SC0021727		\$59,973	\$2,059,156	RESEARCH AND DEVELOPMENT	\$269,974,427
CONSERVATION RESEARCH AND DEVELOPMENT	81.086				\$12,803	\$215,242	\$390,045	RESEARCH AND DEVELOPMENT	\$269,974,427
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		UNIVERSITY OF NORTH CAROLINA TOUCHSTONE RESEARCH	20190915-01-UKR		\$70,543	\$390,045	RESEARCH AND DEVELOPMENT	\$269,974,427
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		LABORATORY	DE-EE0009115-2		\$33,484	\$390,045	RESEARCH AND DEVELOPMENT	\$269,974,427
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		GENERAL MOTORS RESEARCH	PO 4301051658		\$70,776	\$390,045	RESEARCH AND DEVELOPMENT	\$269,974,427
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087				\$84,409	\$1,056,108	\$1,162,918	RESEARCH AND DEVELOPMENT	\$269,974,427
			ELECTRIC POWER RESEARCH						
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		INSTITUTE	10012813		\$106,810	\$1,162,918	RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089				\$586,003	\$6,503,506	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
FORCE ENERGY DESCRIPCH AND DEVELOPMENT	04.000		WALKING STATE SEQUENCIES SUBJECT	405254 40554		dca 025	67.042.224	DECEMBER AND DEVELOPMENT	6250 074 427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089		ILLINOIS STATE GEOLOGICAL SURVEY UNIVERSITY OF ILLINOIS	106354-18651 106354-18652		\$60,035 \$17,127	\$7,842,224 \$7,842,224	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
1033IE ENERGY RESEARCH AND DEVELOT WERY	01.005		UNIVERSITY OF SOUTHERN	100354-10032		<i>Ş17,127</i>	\$7,042,224	RESEARCH AND DEVELOTIVE IV	\$205,574,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		CALIFORNIA	140651150		\$237,776	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		WEST VIRGINIA UNIVERSITY	21-409-UKRF		\$97,187	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
			VIRGINIA POLYTECHNIC INSTITUTE						
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		AND STATE UNIVERSITY	429454-19660		\$60,023	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089		UNIVERSITY OF NORTH DAKOTA	DOE082021		\$153,622	\$7,842,224 \$7.842,224	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089		GAS TECHNOLOGY INSTITUTE SRI INTERNATIONAL	PO S1089 PO30903		\$299,585 \$121,644	\$7,842,224 \$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
POSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		SKI INTERNATIONAL	PU30903		\$121,044	\$7,842,224	RESEARCH AND DEVELOPMENT	\$209,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		PENNSYLVANIA STATE UNIVERSITY	S001347-USDOE		\$132,673	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		PENNSYLVANIA STATE UNIVERSITY	S002498-USDOE		\$6,343	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		BATTELLE MEMORIAL INSTITUTE	US001-0000781138		\$91,118	\$7,842,224	RESEARCH AND DEVELOPMENT	\$269,974,427
FOSSIL ENERGY RESEARCH AND DEVELOPMENT ENVIRONMENTAL REMEDIATION AND WASTE PROCESSING AND	81.089		KENTUCKY CABINET FOR HEALTH			\$61,585	\$7,842,224	N/A	\$0
DISPOSAL	81.104		AND FAMILY SERVICES	PON2 728 2000001166		\$107,888	\$107,888	N/A	\$0
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112					\$22,472	\$22,472	RESEARCH AND DEVELOPMENT	\$269,974,427
ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL									
ANALYSIS/ASSISTANCE	81.117					\$81,018	\$81,018	N/A	\$0
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135				\$40,707	\$245,808	\$416,293	RESEARCH AND DEVELOPMENT	\$269,974,427

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		UNIVERSITY OF WISCONSIN	0000001809		\$134,760	\$416,293	RESEARCH AND DEVELOPMENT	\$269,974,427
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY ENVIRONMENTAL MONITORING/CLEANUP, CULTURAL AND RESOURCE MGMT, EMERGENCY RESPONSE RESEARCH, OUTREACH, TECHNICAL	81.135		GENERAL ELECTRIC COMPANY	PO 401157490		\$35,725	\$416,293	RESEARCH AND DEVELOPMENT	\$269,974,427
ANALYSIS	81.214					\$395,719	\$395,719	N/A	\$0
DEPARTMENT OF ENERGY CONTRACT	81.RD	2F-60065	ARGONNE NATIONAL LABORATORY	2F-60065		\$4,763	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	4000137457	OAK RIDGE NATIONAL LABORATORY	4000137457		\$1,449	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	4000188852	UT-BATTELLE, LLC	4000188852		\$71,166	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	4000194291	OAK RIDGE NATIONAL LABORATORY	4000194291		\$1,700,547	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	89243320CFE000053	MP MATERIALS CORPORATION	89243320CFE000053		\$371,848	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	89243320RFE000032	WINNER WATER SERVICES INCORPORATED	89243320RFE000032		\$179,900	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEDUCATION OF ENERGY CONTRACT	04.00	05.0040	40000445 44470444 4400047004	05 50040		4420.002	42.670.502	DECEMBEL AND DELICIONATION	4250 074 427
DEPARTMENT OF ENERGY CONTRACT	81.RD	9F-60018	ARGONNE NATIONAL LABORATORY	9F-60018		\$128,993	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	PO 1993264	SANDIA NATIONAL LABORATORIES ALLIANCE FOR SUSTAINABLE ENERGY	PO 1993264		\$92,928	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	XAT-9-92035-01	LLC ALLIANCE FOR SUSTAINABLE ENERGY	XAT-9-92035-01		\$40,325	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF ENERGY CONTRACT	81.RD	ZCE-9-92158-01	LLC	ZCE-9-92158-01		\$86,674	\$2,678,593	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL DEPARTMENT OF ENERGY					\$723,922	\$15,230,769			
DEPARTMENT OF EDUCATION									
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007					\$1,093,278	\$1,093,278	STUDENT FINANCIAL ASSISTANCE	\$245,677,527
UNDERGRADUATE INTERNATIONAL STUDIES AND FOREIGN LANGUAGE PROGRAMS	84.016				\$9,440	\$43,052	\$43,052	N/A	\$0
SPECIAL EDUCATION_GRANTS TO STATES	84.027		UNIVERSITY OF TENNESSEE	A20-1076-S001-A01		\$55,019	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
SPECIAL EDUCATION_GRANTS TO STATES	84.027		UNIVERSITY OF KANSAS	FY2022-022		\$50,701	\$2 727 007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
3. 20./12 2500 1/10/1_01/11/15 70 57/11/25	04.027		KENTUCKY EDUCATION AND	772022 022		<i>\$30,761</i>	<i>\$2,727,007</i>	or Econic Ebook more ecosten (IBET)	\$2,332,040
SPECIAL EDUCATION_GRANTS TO STATES	84.027		WORKFORCE DEVELOPMENT CABINET	PON2 540 2000000419		-\$118	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
COSCUL POLICATION CONNECTO CENTER	04.037		KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT	00425402000000		**	ć2 727 007 .	CONTRACTOR CLUSTER (IDEA)	ć2 022 040
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2000002284		\$4	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
CONTRACT TO CONTRACT TO CONTRACT	84.027		WORKFORCE DEVELOPMENT	0.04/3.5.40.3000003.450		640.440	ć2 727 007 .	CONCLAN FOUNDATION CONCLETE (IDEA)	63.033.040
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2000002450		\$19,449	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
CONCIAL EDUCATION CRANTE TO STATES	84.027		WORKFORCE DEVELOPMENT CABINET	PON2 540 2000002453		\$655	ć2 727 007	CDECIAL EDUCATION CLUSTED (IDEA)	62.022.040
SPECIAL EDUCATION_GRANTS TO STATES	84.027		KENTUCKY EDUCATION AND	FON2 340 2000002433		3033	32,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
SPECIAL EDUCATION_GRANTS TO STATES	84.027		WORKFORCE DEVELOPMENT CABINET	PON2 540 2000002458		-\$4,487	\$2 727 007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
SPECIAL EDUCATION_GRANVIS TO STATES	84.027		KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT	PONZ 340 2000002438		-34,467	32,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	32,332,646
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2000002473		\$77,124	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2000002522		\$39,680	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2000002575		\$30,448	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2100000499		\$29	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2100000719		\$219,413	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2100002220		\$36,994	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2100002271		\$188,340	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND						
CONCLUSION CONTRACTOR CONTRACTOR	84.027		WORKFORCE DEVELOPMENT CABINET	00425403400003375		4254 440	62 727 007 4	COSCIAL SOLICATION CLUSTED (IDSA)	ć2 022 040
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINE I KENTUCKY EDUCATION AND	PON2 540 2100002276		\$351,418	\$2,727,007 \$	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2100002373		\$156,900	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND						
			WORKFORCE DEVELOPMENT				4		4
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2100002388		\$48,683	\$2,727,007 \$	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2100002391		\$183,412	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND						
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY EDUCATION AND	PON2 540 2100002429		\$387,919	\$2,727,007 \$	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET	PON2 540 2100002443		\$640,897	\$2,727,007	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND						
			WORKFORCE DEVELOPMENT				4		4
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CABINET KENTUCKY COMMUNITY &	PON2 540 2200000693		\$244,527	\$2,727,007 \$	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
HIGHER EDUCATION_INSTITUTIONAL AID	84.031		TECHNICAL COLLEGE SYSTEM	DOED070620		\$5,926	\$5,926	N/A	\$0
FEDERAL WORK-STUDY PROGRAM	84.033			202201020		\$1,662,985		STUDENT FINANCIAL ASSISTANCE	\$245,677,527
FEDERAL PERKINS LOAN (FPL)	84.038					\$11,909,523	\$11,909,523	STUDENT FINANCIAL ASSISTANCE	\$245,677,527
TRIO_STUDENT SUPPORT SERVICES	84.042					\$336,812	\$336,812	TRIO CLUSTER	\$336,812
			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048		CABINET	PON2 540 2100002712		\$1,686	\$1,686	N/A	\$0
FEDERAL PELL GRANT PROGRAM	84.063					\$23,581,309		STUDENT FINANCIAL ASSISTANCE	\$245,677,527
			KENTUCKY EDUCATION AND						
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			WORKFORCE DEVELOPMENT						
TO STATES	84.126		CABINET	PON2 531 2000001922		\$29,605	\$355,040	N/A	\$0
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
TO STATES	84.126		CABINET	PON2 531 2000002006		\$113,349	\$355,040	N/A	\$0
			KENTUCKY EDUCATION AND						
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			WORKFORCE DEVELOPMENT						
TO STATES	84.126		CABINET KENTUCKY EDUCATION AND	PON2 531 2000003401		\$41,819	\$355,040	N/A	\$0
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			WORKFORCE DEVELOPMENT						
TO STATES	84.126		CABINET	PON2 531 2000003752		\$4	\$355,040	N/A	\$0
			KENTUCKY EDUCATION AND						
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			WORKFORCE DEVELOPMENT						
TO STATES	84.126		CABINET KENTUCKY EDUCATION AND	PON2 531 2000004468		\$168,145	\$355,040	N/A	\$0
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			WORKFORCE DEVELOPMENT						
TO STATES	84.126		CABINET	PON2 531 2100002650		\$2,063	\$355,040	N/A	\$0
			KENTUCKY EDUCATION AND						
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS			WORKFORCE DEVELOPMENT						4.
TO STATES	84.126		CABINET KENTUCKY JUSTICE AND PUBLIC	PON2 531 2100002652		\$55	\$355,040	N/A	\$0
REHABILITATION SERVICES_CLIENT ASSISTANCE PROGRAM	84.161		SAFETY CABINET	PON2 515 2200000612		\$3,263	\$3,263	N/A	\$0
HEIMBERMINON SERVICES_CELETT / ISSISTANCE / NO GIVIN	04.101		KENTUCKY EDUCATION AND	7 6/12 515 22 60 60 60 61		\$3,203	\$3,203	,	Ç
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		CABINET	PON2 540 2000002495		\$11	\$205,841	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
			KENTUCKY EDUCATION AND						
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		WORKFORCE DEVELOPMENT CABINET	PON2 540 2100002399		\$205,830	\$205.841	SPECIAL EDUCATION CLUSTER (IDEA)	\$2,932,848
S. Senie Ebb di Inon_ nebanote dimini	5-1.2/5		KENTUCKY CABINET FOR HEALTH	. 0.12 5.10 2100002555		J203,030	J203,041 3	[DEA]	72,732,040
SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES	84.181		AND FAMILY SERVICES	PON2 728 2000001759		-\$30	\$495,857	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES	84.181		AND FAMILY SERVICES	PON2 728 2000004104		\$495,887	\$495,857	N/A	\$0
SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES_NATIONAL			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
PROGRAMS	84.184		CABINET	PON2 540 2100000711		\$29,954	\$49,453	N/A	\$0

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
			KENTUCKY EDUCATION AND						
SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES_NATIONAL PROGRAMS	84.184		WORKFORCE DEVELOPMENT CABINET	PON2 540 2200001311		\$19,499	\$49,453	N/A	s
PROGRAMS	64.164		KENTUCKY EDUCATION AND	PON2 340 2200001311		\$19,499	\$49,453	N/A	۶
SUPPORTED EMPLOYMENT SERVICES FOR INDIVIDUALS WITH THE			WORKFORCE DEVELOPMENT						
MOST SIGNIFICANT DISABILITIES	84.187		CABINET	PON2 531 2000002010		\$148,112	\$148,112	N/A	Şi
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200					\$288,889	\$465,112	N/A	\$
			KENTUCKY CABINET FOR HEALTH						
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200		AND FAMILY SERVICES	PON2 728 2000001759		\$176,223	\$465,112	N/A	Şi
			KENTUCKY JUSTICE AND PUBLIC						
PROGRAM OF PROTECTION AND ADVOCACY OF INDIVIDUAL RIGHTS	84.240		SAFETY CABINET	PON2 515 2200000612		\$3,367	\$3,367	N/A	Şi
REHABILITATION TRAINING_CONTINUING EDUCATION	84.264 84.268		UNIVERSITY OF WISCONSIN	0000001063		\$413,518	\$413,518	N/A	\$245.677.52
EDERAL DIRECT STUDENT LOANS EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305					\$202,180,583 \$385,195	\$202,180,583 \$448,162		\$245,677,52 \$269,974,42
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		UNIVERSITY OF NOTRE DAME	203618UKY		\$54,311	\$448,162	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,42
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		KENT STATE UNIVERSITY	401022-UK		\$8,656	\$448,162	RESEARCH AND DEVELOPMENT	\$269,974,42
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323		UNIVERSITY OF TENNESSEE	A21-1166-S002		\$87,500	\$333,398	N/A	\$205,574,42.
SI ECIAL EDUCATION - STATE I ENSONNEE DEVELOT MENT	04.323		KENTUCKY EDUCATION AND	A21-1100-3002		707,300	2333,330	19/0	Ç
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323		CABINET	PON2 540 2100000510		\$76,565	\$333,398	N/A	\$0
			KENTUCKY EDUCATION AND			, ., .,	,,	,	
			WORKFORCE DEVELOPMENT						
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323		CABINET	PON2 540 2200000563		\$169,333	\$333,398	N/A	\$0
RESEARCH IN SPECIAL EDUCATION	84.324					\$50,920	\$50,199	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH IN SPECIAL EDUCATION	84.324		BALL STATE UNIVERSITY	20-0746-002		-\$721	\$50,199	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES									
AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325				\$280,276	\$1,856,353	\$1,893,916	N/A	\$1
			KENTUCKY EDUCATION AND						
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE			WORKFORCE DEVELOPMENT						
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		CABINET	PON2 540 2100001140		\$20,869	\$1,893,916	N/A	\$0
			KENTUCKY EDUCATION AND						
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE			WORKFORCE DEVELOPMENT						
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		CABINET	PON2 540 2200001133		\$16,694	\$1,893,916	N/A	\$0
CONCINE COLUMN TECHNICAL ACCICTANCE AND DISCONDINATION TO									
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION TO	04.225					6472 227	4404.505	21/2	ŚI
MPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326					\$173,237	\$404,686	N/A	>
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH									
DISABILITIES	84.326		UNIVERSITY OF CINCINNATI	011841-0006		\$17,364	\$404,686	N/A	\$C
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION	04.320		UNIVERSITY OF CINCINNATI	011841-0000		\$17,304	3404,000	N/A	J.
TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH									
DISABILITIES	84.326		UNIVERSITY OF MINNESOTA	A006557001		\$214,085	\$404,686	N/A	\$0
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365		CHARLES TO THE THE CONTROL OF THE CO	71000337001		\$538,742	\$538,742	N/A	\$0
			KENTUCKY EDUCATION AND			1000)	7000/: 12	.,	**
			WORKFORCE DEVELOPMENT						
STATEWIDE LONGITUDINAL DATA SYSTEMS	84.372		CABINET	PON2 531 2100002432		\$12,842	\$12,842	RESEARCH AND DEVELOPMENT	\$269,974,427
SPECIAL EDUCATION_TECHNICAL ASSISTANCE ON STATE DATA									,,. ,
COLLECTION	84.373		WESTAT	6738-S-002		\$211,950	\$211,950	N/A	\$0
						, ,	, ,	,	,.
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423		WESTERN MICHIGAN UNIVERSITY	UK10797		\$36,792	\$60,774	RESEARCH AND DEVELOPMENT	\$269,974,427
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423		WESTERN MICHIGAN UNIVERSITY	UK9736		\$23,982	\$60,774	N/A	\$0
EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425E				\$23,634,963	\$24,052,379	N/A	\$0
EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425F				\$40,400	\$24,052,379	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425C	CABINET	PON2 415 2100003098		\$126,900	\$24,052,379	N/A	\$0
			KENTUCKY EDUCATION AND						
			WORKFORCE DEVELOPMENT						
EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425U	CABINET	PON2 540 2200001004		\$22,643	\$24,052,379	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425C	CABINET	SC 415 2000001996		\$159,090	\$24,052,379	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425C	CABINET	SC 415 2200000507		\$68,383	\$24,052,379	N/A	\$0
TOTAL DEPARTMENT OF EDUCATION									
					\$289,716	\$273,688,772			
DEPARTMENT OF HEALTH AND HUMAN SERVICES									
UNITIONAL ORGANIZATIONS OF STATE	02.6	CO:				42	A	N/A	
NATIONAL ORGANIZATIONS OF STATE AND LOCAL OFFICIALS	93.011	COVID-19				\$2,240,926	\$2,240,926	N/A	\$0

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program	Cluster Name	Cluster Total
SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE	Number	(Optional)	Entity KENTUCKY CABINET FOR HEALTH	Entity	Sub-Recipients	Expenditures	Total	Name	Total
II_DISCRETIONARY PROJECTS	93.048		AND FAMILY SERVICES	PON2 725 2000003475		\$32,358	\$32,358	N/A	\$0
_			KENTUCKY CABINET FOR HEALTH						
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT	93.070		AND FAMILY SERVICES	PON2 728 2000001419		\$7,649	\$7,649	N/A	\$0
REGULATORY RESEARCH BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND	93.077		UNIVERSITY OF VERMONT	32359SUB00000327		\$129,219	\$129,219	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH	93.080		UNIVERSITY OF NORTH CAROLINA	5119714		\$3,411	\$10,840	N/A	\$0
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080		UNIVERSITY OF NORTH CAROLINA	5123586		\$7,429	\$10,840	N/A	\$0
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		GATEWAY COMMUNITY SERVICES ORGANIZATION	90ZB001302		\$64,666	\$187,736	N/A	\$0
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD			GATEWAY COMMUNITY SERVICES						
GRANTS HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD	93.086		ORGANIZATION MOUNTAIN COMPREHENSIVE CARE	90ZJ001202		\$65,270	\$187,736	N/A	\$0
GRANTS	93.086		CENTER MOUNTAIN COMPREHENSIVE CARE	ACF022021		\$57,800	\$187,736	N/A	\$0
ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE	93.087		CENTER	ACF122017		\$137,472	\$137,472	RESEARCH AND DEVELOPMENT	\$269,974,427
ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	02.000				ć20.702	¢170 204	¢170 204	DECEMBELL AND DEVELOPMENT	6260.074.427
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.088 93.103				\$20,792	\$178,394 \$4,535,182	\$178,394 \$4,726,341	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103					\$32,418	\$4,726,341	N/A	\$205,574,427
1 000 / M 0 0 NO 0 / IDMM 10 NO	33.103		KENTUCKY GENERAL GOVERNMENT			Ų32,410	Ş-1,720,5-12	14/1	Şū
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		CABINET KENTUCKY GENERAL GOVERNMENT	PON2 035 1900002759		\$103	\$4,726,341	N/A	\$0
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		CABINET	PON2 035 2200000215		\$158,638	\$4,726,341	N/A	\$0
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		NEVADA DEPT OF HHS	5479SM062474-04		\$29,849	\$364,600	N/A	\$0
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR			KENTUCKY CABINET FOR HEALTH						
CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		AND FAMILY SERVICES	PON2 729 2000002213		\$56,046	\$364,600	N/A	\$0
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002766		\$278,705	\$364,600	N/A	\$0
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107		UNIVERSITY OF LOUISVILLE	ULRF 17-1164C-04	\$93,538	\$95,491	\$492,654	N/A	\$0
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE									
MAINTENANCE AND ENHANCEMENT AWARDS	93.107		UNIVERSITY OF LOUISVILLE	ULRF 17-1164D-04	\$335,312	\$397,163	\$492,654	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		HEMOPHILIA OF GEORGIA		\$24,776	\$370,463	\$6,065,534	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		INCORPORATED	5 H30MC24046-10-00		\$5,695,071	\$6,065,534	N/A	\$0
ENVIRONMENTAL HEALTH	93.113		INCOM CHATED	37130111224040-10-00	\$890,401	\$4,658,108	\$4,807,116	RESEARCH AND DEVELOPMENT	\$269,974,427
ENVIRONMENTAL HEALTH	93.113		UNIVERSITY OF ILLINOIS AT CHICAGO	17214		\$107,446	\$4,807,116	RESEARCH AND DEVELOPMENT	\$269,974,427
			CINCINNATI CHILDRENS HOSPITAL			¥==-,	7 ,,,,,,		¥200,00 y 120
ENVIRONMENTAL HEALTH	93.113		MEDICAL CENTER	309652		\$41,562	\$4,807,116	RESEARCH AND DEVELOPMENT	\$269,974,427
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$399,041	\$2,139,993	\$2,199,492	RESEARCH AND DEVELOPMENT	\$269,974,427
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF FLORIDA	SUB00002605		\$59,434	\$2,199,492	RESEARCH AND DEVELOPMENT	\$269,974,427
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF FLORIDA KENTUCKY COMMUNITY &	UFDSP00012196		\$65	\$2,199,492	RESEARCH AND DEVELOPMENT	\$269,974,427
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127		TECHNICAL COLLEGE SYSTEM	HRSA042022		\$2,953	\$2,953	N/A	\$0
COOPERATIVE AGREEMENTS TO STATES/TERRITORIES FOR THE			KENTUCKY CABINET FOR HEALTH						
COORDINATION AND DEVELOPMENT OF PRIMARY CARE OFFICES	93.130		AND FAMILY SERVICES	PON2 728 2000002109		\$9,897	\$35,952	N/A	\$0
COOPERATIVE AGREEMENTS TO STATES/TERRITORIES FOR THE			KENTUCKY CABINET FOR HEALTH						
COORDINATION AND DEVELOPMENT OF PRIMARY CARE OFFICES	93.130		AND FAMILY SERVICES	PON2 728 2000002160		\$7,539	\$35,952	N/A	\$0
COOPERATIVE AGREEMENTS TO STATES/TERRITORIES FOR THE			KENTUCKY CABINET FOR HEALTH						
COORDINATION AND DEVELOPMENT OF PRIMARY CARE OFFICES INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	93.130		AND FAMILY SERVICES	PON2 728 2000002645		\$18,516	\$35,952	N/A	\$0
COMMUNITY BASED PROGRAMS	93.136				\$55,130	\$434,981	\$9,095,670	RESEARCH AND DEVELOPMENT	\$269,974,427
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136				\$3,280,051	\$8,635,288	\$9,095,670	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND								·	
COMMUNITY BASED PROGRAMS	93.136	COVID-19			\$10,280	\$25,401	\$9,095,670	N/A	\$0

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity KENTUCKY JUSTICE AND PUBLIC	Entity	Sub-Recipients	Expenditures	Total	Name	Total
PROTECTION AND ADVOCACY FOR INDIVIDUALS WITH MENTAL ILLNESS	93.138		SAFETY CABINET	PON2 515 2200000612		\$3,382	\$3,382	N/A	\$0
NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143					\$2,010,218	\$2,030,544	RESEARCH AND DEVELOPMENT	\$269,974,427
NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143		BLUEGRASS ADVANCED MATERIALS LLC	1R43ES032380-01		\$20,326	\$2,030,544	RESEARCH AND DEVELOPMENT	\$269,974,427
AIDS EDUCATION AND TRAINING CENTERS	93.145		VANDERBILT UNIVERSITY	VUMC56746		\$243,041	\$243,041	N/A	\$0
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN,									
INFANTS, CHILDREN, AND YOUTH COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN,	93.153					\$364,662	\$364,663	N/A	\$0
INFANTS, CHILDREN, AND YOUTH	93.153	COVID-19				\$1	\$364,663	N/A	\$0
RURAL HEALTH RESEARCH CENTERS	93.155				\$42,879	\$629,033	\$13,042,291	RESEARCH AND DEVELOPMENT	\$269,974,427
RURAL HEALTH RESEARCH CENTERS	93.155				\$110,013	\$284,419	\$13,042,291	N/A	\$0
RURAL HEALTH RESEARCH CENTERS	93.155	COVID-19				\$12,128,839	\$13,042,291	N/A	\$0
GRANTS TO STATES FOR LOAN REPAYMENT	93.165		LINUS PROTES OF TEXAS USALTU		\$355,750	\$355,750	\$355,750	N/A	\$0
HUMAN GENOME RESEARCH	93.172		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0000067		\$76,749	\$76,749	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173				\$108,778	\$1,774,872	\$2,303,761	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	02.472		AAADOMETTE MANAGOGEM	004733 04 04		622.257	da 202 764	DESCRIPCIO AND DELICIONATIVE	6260.074.427
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173		MARQUETTE UNIVERSITY UNIVERSITY OF MARYLAND,	001722-01-04		\$22,257	\$2,303,761	RESEARCH AND DEVELOPMENT	\$269,974,427
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173		BALTIMORE	1500147A		\$169,097	\$2,303,761	RESEARCH AND DEVELOPMENT	\$269,974,427
DISORDERS	93.173		INDIANA UNIVERSITY	8800-UKRF		\$39,989	\$2,303,761	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		UNIVERSITY OF COLORADO	FY20.1038.001		\$297,546	\$2,303,761	RESEARCH AND DEVELOPMENT	\$269,974,427
DISABILITIES PREVENTION	93.184		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002568		\$53.089	\$53.089	N/A	\$0
IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC	93.184		AND FAMILY SERVICES	PUN2 729 2000002568		\$53,089	\$53,089	N/A	\$0
INFORMATION RESEARCH, DEMONSTRATION, POBLIC INFORMATION AND EDUCATION_TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS	02.405	COVID-19	ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	12-8818-22		625 600	\$187,497	RESEARCH AND DEVELOPMENT	\$269,974,427
IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC	93.185	COVID-19	CENTERS ON DISABILITIES	12-0010-22		\$35,688	\$187,497	RESEARCH AND DEVELOPMENT	\$209,974,427
INFORMATION AND EDUCATION_TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS	93.185	COVID-19	UNIVERSITY OF FLORIDA	SUB00002842		\$151,809	\$187,497	RESEARCH AND DEVELOPMENT	\$269,974,427
TELEHEALTH PROGRAMS	93.211	COVID-13	UNIVERSITY OF PEONIDA UNIVERSITY OF VIRGINIA	GB10344.PO#2158575		\$10,023	\$10,023	N/A	\$203,374,427
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE	33.211		STATE ASSET OF THIS MAN	0510344.11 01/2130373		\$10,025	\$10,023	74/1	ĢŪ
HEALTH	93.213				\$250,732	\$679,250	\$755,299	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213		MASSACHUSETTS GENERAL HOSPITAL	2019A005866		\$54	\$755,299	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE	33.213		MASSACHUSETTS GENERAL	2013/1003000		434	<i>\$133,233</i>	NESE NETTING DEVELOT MENT	\$200,074,427
HEALTH	93.213		HOSPITAL	236636		\$75,995	\$755,299	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH						
FAMILY PLANNING_SERVICES	93.217		AND FAMILY SERVICES	PON2 728 2000002905		\$174,641	\$174,641	N/A	\$0
DEVELOPMENT AND COORDINATION OF RURAL HEALTH SERVICES CONSOLIDATED HEALTH CENTERS (COMMUNITY HEALTH CENTERS,	93.223					\$30,761	\$30,761	N/A	\$0
MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND									
PUBLIC HOUSING PRIMARY CARE) CONSOLIDATED HEALTH CENTERS (COMMUNITY HEALTH CENTERS,	93.224					\$1,435,906	\$1,786,871	HEALTH CENTER PROGRAM CLUSTER	\$2,662,868
MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND									
PUBLIC HOUSING PRIMARY CARE)	93.224	COVID-19				\$350,965	\$1,786,871	HEALTH CENTER PROGRAM CLUSTER	\$2,662,868
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226				\$23,223	\$218,700	\$252,452	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		UNIVERSITY OF NORTH CAROLINA	5112535		\$33,176	\$252,452	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		NORTHWESTERN UNIVERSITY	60047941 UK		\$576	\$252,452	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		UNIVERSITY OF FLORIDA	SUB00002424		\$280,519	\$313,468	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		UNIVERSITY OF WASHINGTON	UWSC12402		\$32,949	\$313,468	RESEARCH AND DEVELOPMENT	\$269,974,427
POLICY RESEARCH AND EVALUATION GRANTS	93.239		UNIVERSITY OF WISCONSIN	703K791		\$17,325	\$17,325	RESEARCH AND DEVELOPMENT	\$269,974,427
STATE RURAL HOSPITAL FLEXIBILITY PROGRAM	93.241				\$61,601	\$936,065	\$936,065	N/A	\$0
MENTAL HEALTH RESEARCH GRANTS	93.242				\$60,659	\$938,669	\$1,077,795	RESEARCH AND DEVELOPMENT	\$269,974,427
MENTAL HEALTH RESEARCH GRANTS	93.242		RHODE ISLAND HOSPITAL	701-7137327		\$619	\$1,077,795	RESEARCH AND DEVELOPMENT	\$269,974,427
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF CALIFORNIA, DAVIS	A20-0907-S001		\$124,836	\$1,077,795	RESEARCH AND DEVELOPMENT	\$269,974,427
MENTAL HEALTH RESEARCH GRANTS	93.242		YALE UNIVERSITY	GR107756 (CON-80002130)		\$13,671	\$1,077,795	RESEARCH AND DEVELOPMENT	\$269,974,427
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243				\$15,254	\$80,789	\$2,056,128	RESEARCH AND DEVELOPMENT	\$269,974,427
	33.243				Ç13,234	200,765	92,030,120	NESE MENTAND DEVELOT WIENT	\$205,574,427
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		UNIVERSITY OF MARYLAND, BALTIMORE	1903184		\$34,192	\$2,056,128	RESEARCH AND DEVELOPMENT	\$269,974,427
						70.,-52	,-,,120		7,,

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF									
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ISAIAH HOUSE INCORPORATED	SAMHSA10222021		\$30,561	\$2,056,128	RESEARCH AND DEVELOPMENT	\$269,974,427
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOUNTAIN COMPREHENSIVE CARE CENTER	SAMHSA122017		\$105,821	\$2,056,128	RESEARCH AND DEVELOPMENT	\$269,974,427
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243					\$846,369	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF						40.0,000	+-,,		**
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	COVID-19				\$37,188	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		CHILDREN'S HOSPITAL OF PHILADELPHIA	3201450921		\$3,599	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF			CHILDREN'S HOSPITAL OF						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		PHILADELPHIA	3201450922		\$14,946	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT	H79SP08309		\$55,931	\$2,056,128	N/A	\$0
REGIONAL AND NATIONAL SIGNIFICANCE	33.243		KENTUCKY EDUCATION AND	11753F00305		\$33,331	\$2,030,128	IVA	30
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			WORKFORCE DEVELOPMENT						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		CABINET	PON2 540 2000002109		\$179,217	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			KENTUCKY EDUCATION AND WORKFORCE DEVELOPMENT						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		CABINET	PON2 540 2100002110		\$119,379	\$2,056,128	N/A	\$0
			KENTUCKY EDUCATION AND						
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		WORKFORCE DEVELOPMENT CABINET	PON2 540 2200003101		\$37,735	\$2,056,128	N/A	śo
REGIONAL AND NATIONAL SIGNIFICANCE	33.243		CABINET	PON2 340 2200003101		337,733	32,030,128	NyA	30
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			KENTUCKY CABINET FOR HEALTH						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AND FAMILY SERVICES	PON2 729 2000002766		\$132,769	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			LEXINGTON FAYETTE URBAN						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		COUNTY GOVERNMENT	SAMHSA012021		\$32,575	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		HOPE CENTER OF LEXINGTON	SAMHSA032020		\$47,834	\$2,056,128	N/A	\$0
NEGIONAL MAD NOTICE STORM TO INCE	33.243		HOVE CENTER OF EEXILITORS	3/11/11/3/1032020		\$47,034	<i>\$2,030,120</i>	.4,	Ç.
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			PHYSICIANS ASSISTANT EDUCATION						4.
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ASSOCIATION	SAMHSA082020		\$1,273	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			AMERICAN PSYCHOLOGICAL						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ASSOCIATION	SAMHSA092020		\$2,110	\$2,056,128	N/A	\$0
CURSTANCE ADJUST AND AMENTAL USALTH SERVICES DROUGESTS OF									
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		HOPE CENTER OF LEXINGTON	SAMHSA092021		\$61,573	\$2,056,128	N/A	\$0
						7-2,21-2	42,000,220	.4	,
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			KENTON COUNTY DETENTION			4	4		4-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		CENTER	SAMHSA112018		\$140,279	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			MOUNTAIN COMPREHENSIVE CARE						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		CENTER	SAMHSA122019		\$17,238	\$2,056,128	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF			VOLUNTEERS OF AMERICA MID-						
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STATES	TI-20-007		\$74,750	\$2,056,128	N/A	\$0
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$299,111	\$1,754,866	\$3,395,947	RESEARCH AND DEVELOPMENT	\$269,974,427
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	COVID-19				\$125,353	\$3,395,947	RESEARCH AND DEVELOPMENT	\$269,974,427
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	00075195-01		\$54,157	\$3,395,947	RESEARCH AND DEVELOPMENT	\$269,974,427
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		AND TECHNOLOGY	00073133-01	\$191,556	\$1,461,571	\$3,395,947	N/A	\$203,574,427
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264					\$53,222		STUDENT FINANCIAL ASSISTANCE	\$245,677,527
IMMAUNIZATION COORERATHY: A COSSA ASSAUR	02.200		KENTUCKY CABINET FOR HEALTH	00013 730 3000003740		ć 400 03-	4404.355	A1/A	-4
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 728 2000002718		\$489,922	\$494,259	N/A	\$0
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		AND FAMILY SERVICES	PON2 728 2200001911		\$4,337	\$494,259	N/A	\$0
ALCOHOL RESEARCH PROGRAMS	93.273				\$405,319	\$3,532,579	\$4,067,242	RESEARCH AND DEVELOPMENT	\$269,974,427
ALCOHOL RESEARCH PROGRAMS	93.273		NAPROGENIX AGTECC	2R44AA025804-03		\$123,740	\$4,067,242	RESEARCH AND DEVELOPMENT	\$269,974,427
ALCOHOL RESEARCH PROGRAMS	93.273		NAPROGENIX AGTECC	3R44AA025804-03S1		\$36,319	\$4,067,242	RESEARCH AND DEVELOPMENT	\$269,974,427

		Additional		Identifying Number					
	Federal	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	CFDA	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
			VIRGINIA POLYTECHNIC INSTITUTE			4	4		
ALCOHOL RESEARCH PROGRAMS	93.273		AND STATE UNIVERSITY	432144-19660		\$13,599	\$4,067,242	RESEARCH AND DEVELOPMENT	\$269,974,427
ALCOHOL RESEARCH PROGRAMS	93.273		REAL PREVENTION LLC	5R44AA025293-03		\$48,356	\$4,067,242	RESEARCH AND DEVELOPMENT	\$269,974,427
ALCOHOL RESEARCH PROGRAMS	93.273		UNIVERSITY OF WISCONSIN	845K003		\$31,714	\$4,067,242	RESEARCH AND DEVELOPMENT	\$269,974,427
ALCOHOL RESEARCH PROGRAMS	93.273 93.279		UNIVERSITY OF TEXAS AT AUSTIN	UTA18-001537	\$926,369	\$280,935 \$34,924,079	\$4,067,242	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS			LINE COCKTY OF COLCUMNATI	042754 00042	\$926,369		\$35,752,293		\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF CINCINNATI	013764-00012		\$24,154	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF CINCINNATI	013764-00024		\$12,704	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		HELUNA HEALTH	0760.0102		\$16,968	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		COLUMBIA UNIVERSITY	11(GG015428-05)		\$17,876	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		RESEARCH TRIANGLE INSTITUTE	1-312-0216621-65445L		\$25,395	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
			UNIVERSITY OF TEXAS HEALTH						
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		SCIENCE CENTER AT SAN ANTONIO	166138/158919		\$1,990	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF SOUTH CAROLINA	18-3642		\$101,021	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		JACKSON LABORATORY	210339-0123-03		\$33,952	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
			BIOMEDICAL RESEARCH INSTITUTE						
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		OF NEW MEXICO	358-UHL-2021		\$133,091	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		ROWAN UNIVERSITY	51421-1		\$105,210	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
			MEDICAL COLLEGE OF WISCONSIN						
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		INC	5R01DA044971-04		\$54,902	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
			MEDICAL COLLEGE OF WISCONSIN						
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		INC	5R01DA044971-05		\$53,060	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		NORTHWESTERN UNIVERSITY	60059831 UKY		\$3,616	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF WISCONSIN	673K912		\$8,686	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
			BOSTON MEDICAL CENTER			, .,	,,.,		,,
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93,279		CORPORATION	7683; 14 UK 02054		\$17,527	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		ARIZONA STATE UNIVERSITY	ASUB00000636		\$93,763	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF CHICAGO	AWD 100919 (SUB00000261)		\$31,180	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF PITTSBURGH	AWD00000068 (132578-4)		-\$3,894	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		EAST CAROLINA UNIVERSITY	AWD-20-1826-S001		\$18,545	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DIGG ADOSE AND ADDICTION RESEARCH FROGRAMS	33.273		AMERICAN ACADEMY OF CHILD AND	AWD-20-1020-3001		J10,343	\$33,732,233	NESEARCH AND DEVELOT WENT	3203,374,427
DRUG ARUSE AND ARRISTION RESEARCH RECORDANS	93.279		ADOLESCENT PSYCHIATRY	NIH082020		-\$61	\$35,752,293	RESEARCH AND DEVELOPMENT	¢200 074 427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		AMERICAN ACADEMY OF CHILD AND	NIHU82020		->01	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRIVE ARVICE AND ADDICTION DESCRAPED DROCDAMS	02.270			***********		64.003	625 752 202	DECEMBELLAND DELICIONATIVE	6250 074 427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		ADOLESCENT PSYCHIATRY	NIH092021		\$1,093	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
			MARSHALL UNIVERSITY RESEARCH						
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		CORPORATION	P2200465		\$19,066	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		GEORGIA STATE UNIVERSITY	SP00013405-02		\$46,149	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF GEORGIA	SUB00002075		\$12,221	\$35,752,293	RESEARCH AND DEVELOPMENT	\$269,974,427
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS									
TO IMPROVE HUMAN HEALTH	93.286				\$181,463	\$619,431	\$619,431	RESEARCH AND DEVELOPMENT	\$269,974,427
SMALL RURAL HOSPITAL IMPROVEMENT GRANT PROGRAM	93.301					\$539,436	\$539,436	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
NATIONAL STATE BASED TOBACCO CONTROL PROGRAMS	93.305		AND FAMILY SERVICES	PON2 728 2000002380		\$81,197	\$124,183	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH						
NATIONAL STATE BASED TOBACCO CONTROL PROGRAMS	93.305		AND FAMILY SERVICES	PON2 728 2000002513		\$42,986	\$124,183	N/A	\$0
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307					\$483,150	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
			VIRGINIA POLYTECHNIC INSTITUTE						
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		AND STATE UNIVERSITY	432098-19660		\$26,672	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		UNIVERSITY OF NORTH CAROLINA	5111632		\$181,073	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		UNIVERSITY OF VIRGINIA	GB10972.PO#2366463		\$26,279	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
			MOREHOUSE SCHOOL OF MEDICINE						
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		INC	PRC 10.14.21		\$104,740	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		UNIVERSITY OF OKLAHOMA	RS20200725-02A2		\$11,848	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		PENNSYLVANIA STATE UNIVERSITY	UKYMD014141		\$32,448	\$866,210	RESEARCH AND DEVELOPMENT	\$269,974,427
TRANS-NIH RESEARCH SUPPORT	93.310				\$419,846	\$1,643,306	\$2,843,792	RESEARCH AND DEVELOPMENT	\$269,974,427
TRANS-NIH RESEARCH SUPPORT	93.310	COVID-19				\$1,132,115	\$2,843,792	RESEARCH AND DEVELOPMENT	\$269,974,427
			UNIVERSITY OF ROCHESTER						
TRANS-NIH RESEARCH SUPPORT	93.310		MEDICAL CENTER	416887G		\$734	\$2,843,792	RESEARCH AND DEVELOPMENT	\$269,974,427
TRANS-NIH RESEARCH SUPPORT	93.310		DUKE UNIVERSITY	A035629		\$67,637	\$2,843,792	RESEARCH AND DEVELOPMENT	\$269,974,427
OUTREACH PROGRAMS TO REDUCE THE PREVALENCE OF OBESITY IN HIGH							, ,,, .,, .,		,,,
RISK RURAL AREAS	93.319					\$519,249	\$519,249	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS							, , =	·	-
DISEASES (ELC)	93.323		UNIVERSITY OF LOUISVILLE	OGMB210190		\$27,870	\$24,370,620	RESEARCH AND DEVELOPMENT	\$269,974,427
									,,. ,.=.

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000001848		\$17,658	\$24,370,620	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323	COVID-19	KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2100000282		\$22,993,191	\$24,370,620	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS		COVID-13	KENTUCKY CABINET FOR HEALTH						
DISEASES (ELC) EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS	93.323		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 728 2200000264		\$11,004	\$24,370,620	N/A	\$0
DISEASES (ELC)	93.323		AND FAMILY SERVICES	PON2 739 2100001118		\$1,320,897	\$24,370,620	N/A	\$0
PARALYSIS RESOURCE CENTER	93.325					-\$849	\$28,874	N/A	\$0
PARALYSIS RESOURCE CENTER	93.325		CHRISTOPHER AND DANA REEVE FOUNDATION	ACL012021		\$29,723	\$28,874	N/A	\$0
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE									
LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342					\$4,552,664	\$4,552,664	STUDENT FINANCIAL ASSISTANCE	\$245,677,527
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		ORECON UEALTH AND COUNTER			\$3,963,547	\$4,402,796	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		OREGON HEALTH AND SCIENCES UNIVERSITY	1013749 UKY		\$271,432	\$4,402,796	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL CENTERT ON ADVANCING THANSEATIONAL SCIENCES	33.330		ONVERSITY	1013743_0K1		<i>\$271,432</i>	Ş4,402,730	RESEARCH AND DEVELOT WENT	\$205,574,427
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		HARVARD UNIVERSITY	153185.5110599.0403		\$34,644	\$4,402,796	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	COVID-19	UNIVERSITY OF COLORADO MEDICAL UNIVERSITY OF SOUTH	2-5-N0831		\$41,185	\$4,402,796	RESEARCH AND DEVELOPMENT	\$269,974,427
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		CAROLINA	A20-0049-S002		\$91,988	\$4,402,796	RESEARCH AND DEVELOPMENT	\$269,974,427
RESEARCH INFRASTRUCTURE PROGRAMS	93.351				\$15,104	\$1,012,084	\$1,012,084	RESEARCH AND DEVELOPMENT	\$269,974,427
CONSTRUCTION SUPPORT	93.352					\$2,531,116	\$2,531,116	RESEARCH AND DEVELOPMENT	\$269,974,427
21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	93.353				\$796,681	\$1,394,601	\$1,546,632	RESEARCH AND DEVELOPMENT	\$269,974,427
			THE RESEARCH INSTITUTE AT						
21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.353 93.359		NATIONWIDE CHILDREN'S HOSPITAL	700178-0623-00	\$91,966	\$152,031 \$353,375	\$1,546,632 \$353,375	RESEARCH AND DEVELOPMENT N/A	\$269,974,427 \$0
NURSING RESEARCH	93.361				\$31,300	\$741,250	\$754,815	RESEARCH AND DEVELOPMENT	\$269,974,427
NURSING RESEARCH	93.361		UNIVERSITY OF SOUTH ALABAMA	A21-0113-S001		\$13,565	\$754,815	RESEARCH AND DEVELOPMENT	\$269,974,427
	93.387		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002380					
NATIONAL AND STATE TOBACCO CONTROL PROGRAM (B) CANCER CAUSE AND PREVENTION RESEARCH	93.387		AND FAMILY SERVICES	PON2 728 2000002380	Ć425.070	\$30,308 \$2,521,376	\$30,308 \$4,288,999	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		RUTGERS UNIVERSITY	1427593	\$425,979	\$2,521,576	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		RUTGERS UNIVERSITY	1869		\$57,217	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
			UNIVERSITY OF MARYLAND,			, , ,	, , ,		,,. ,
CANCER CAUSE AND PREVENTION RESEARCH	93.393		BALTIMORE	1903115		\$57,762	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		WAKE FOREST UNIVERSITY	20-32751-10000550943		\$58,014	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		HEALTH RESEARCH INCORPORATED	286-01		\$106,499	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF MICHIGAN	3004700014		\$33,461	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		CHAPMAN UNIVERSITY	500533-SUB2		\$55,066	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF PENNSYLVANIA	576762		\$113,885	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		OHIO STATE UNIVERSITY	60078945		\$15,045	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		STANFORD UNIVERSITY	62273130-127830		\$408,101	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK	90671/2/1166866		\$48,394	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
			RESEARCH FOUNDATION FOR THE			4.4	4		
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		STATE UNIVERSITY OF NEW YORK	94036/2/1174157		\$10,447	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393		DUKE UNIVERSITY EMORY UNIVERSITY	A031429 A579319		\$96,921 \$18,857	\$4,288,999 \$4,288,999	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF COLORADO	FY22.1149.001		\$155,631	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		BOSTON CHILDRENS HOSPITAL	GENFD0001862257		\$11	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		BOSTON CHILDRENS HOSPITAL	GENFD0002075885		\$157,024	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF PUERTO RICO	NIH112020		\$7,632	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF IOWA	S02320-01		\$64,427	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		OHIO STATE UNIVERSITY	SPC-1000003828 GR115701		\$28,730	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		OHIO STATE UNIVERSITY OHIO STATE UNIVERSITY	SPC-1000003829 GR115703 SPC-1000003830 GR115707		\$16,029 \$16,029	\$4,288,999 \$4,288,999	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		OHIO STATE UNIVERSITY	SPC-1000003831 GR115711		\$32,180	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		OHIO STATE UNIVERSITY	SPC-1000003831 GR115711 SPC-1000003832 GR115715		\$99,127	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		OHIO STATE UNIVERSITY	SPC-1000003833 GR115722		\$27,455	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CAUSE AND PREVENTION RESEARCH	93.393		OHIO STATE UNIVERSITY	SPC-1000005493 GR124090		\$59,615	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
			VANDERBILT UNIVERSITY MEDICAL						
CANCER CAUSE AND PREVENTION RESEARCH	93.393		CENTER	VUMC85335		\$18,069	\$4,288,999	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394		RUTGERS UNIVERSITY	1532	\$242,102	\$588,082 \$24,905	\$650,012 \$650,012	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		BIOPTICS TECHNOLOGY LLC	1R41CA243600-01		\$6,974	\$650,012	RESEARCH AND DEVELOPMENT	\$269,974,427
G INCELL DE LECTION AND DIAGNOSIS RESEARCH	33.334		S.O. TIES TECHNOLOGY ELC	111111111111111111111111111111111111111		70,574	J0J0,012	NESS INCITATE DEVELOT MENT	J203,374,427

	Federal	Additional Award	Name of Funder	Identifying Number Assigned By Funder	Total Amount		Federal		
	CFDA	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		WILD DOG PHYSICS LLC	1R43CA261417-01		\$5,548	\$650,012	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		CLARIX IMAGING CORPORATION	2R44CA206801-04		\$9,964	\$650,012	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		PUBLIC HEALTH INSTITUTE VANDERBILT UNIVERSITY MEDICAL	ALTE1631		\$240	\$650,012	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		CENTER	VUMC77505		\$14,299	\$650,012	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395				\$329,069	\$4,150,071	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		BIOMIMETIX JV LLC	00062660	******	\$13,713	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
			3P BIOTECHNOLOGIES						
CANCER TREATMENT RESEARCH	93.395		INCORPORATED CHILDREN'S HOSPITAL OF	1R44CA221487-01		\$3,710	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	2U10CA180886		\$25,779	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		UNIVERSITY OF ROCHESTER	417847		\$4,911	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		OHIO STATE UNIVERSITY	60075819		\$447,973	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANGED TOTATAKNIT DESCRIPCI	22.205		CHILDREN'S HOSPITAL OF	4444024			64.025.255	DESCRIPCIO AND DELICIONATALE	£250.074.427
CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	AALL1821		-\$14	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		PUBLIC HEALTH INSTITUTE	ACNS1833		\$1,030	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		BIOMIMETIX JV LLC	BMX-MBM-001		\$49,878	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		BRIGHAM AND WOMEN'S HOSPITAL	KY010		\$103,191	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		PUBLIC HEALTH INSTITUTE NRG ONCOLOGY FOUNDATION	NCTN WLI		\$62,696	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		INCORPORATED	NIH062014		\$66,799	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		PUBLIC HEALTH INSTITUTE	U10CA180886		\$4,729	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER TREATMENT RESEARCH	93.395		PUBLIC HEALTH INSTITUTE	UG1CA189955		\$800	\$4,935,266	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER FIOLOGY RESEARCH	93.396		POBLIC HEALTH INSTITUTE	0G1CA183333	\$417,767	\$4,868,655	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
			FRED HUTCHINSON CANCER		3417,707				
CANCER BIOLOGY RESEARCH	93.396		RESEARCH CENTER FRED HUTCHINSON CANCER	0001033528		-\$302	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER BIOLOGY RESEARCH	93.396		RESEARCH CENTER	0001077940		\$319,633	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER BIOLOGY RESEARCH	93.396		FRED HUTCHINSON CANCER CENTER	0001110186		\$134,347	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER BIOLOGY RESEARCH	93.396		UNIVERSITY OF CINCINNATI	012828-00004		\$26,495	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
			CINCINNATI CHILDRENS HOSPITAL						
CANCER BIOLOGY RESEARCH	93.396		MEDICAL CENTER	310240/OS0002952		\$30,910	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
			THE RESEARCH INSTITUTE AT						
CANCER BIOLOGY RESEARCH	93.396		NATIONWIDE CHILDREN'S HOSPITAL	700248-0122-00		\$26,104	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
			THE RESEARCH INSTITUTE AT						
CANCER BIOLOGY RESEARCH	93.396		NATIONWIDE CHILDREN'S HOSPITAL	700248-0123-00		\$19,807	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER BIOLOGY RESEARCH	93.396		WAKE FOREST UNIVERSITY	950-45107-11000000037		\$15,477	\$5,441,126	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CENTERS SUPPORT GRANTS	93.397				\$117,037	\$2,478,044	\$2,478,044	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER RESEARCH MANPOWER	93.398				, ,	\$1,124,828	\$1,124,828	RESEARCH AND DEVELOPMENT	\$269,974,427
CANCER CONTROL	93.399		PUBLIC HEALTH INSTITUTE	2UG1CA189955-06		\$9,618	\$10,218	RESEARCH AND DEVELOPMENT	\$269,974,427
			CHILDREN'S HOSPITAL OF						
CANCER CONTROL	93.399		PHILADELPHIA	FP00034095_SUB45_01		\$600	\$10,218	RESEARCH AND DEVELOPMENT	\$269,974,427
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES			ACCOCUATION OF UNIVERSITY						
THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH	93.421	COVID-19	ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	02-21-8815		\$196,978	\$267,746	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES	93.421	COVID-19	CENTERS ON DISABILITIES	02-21-8815		\$190,978	\$207,740	N/A	ŞU
THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT			ASSOCIATION OF UNIVERSITY						
THE NATIONS HEALTH	93.421		CENTERS ON DISABILITIES	08-21-8814		\$4,393	\$267,746	N/A	\$0
	93.421		CENTERS ON DISABILITIES	08-21-8814		\$4,393	\$267,746	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES			ACCOCIATION OF UNIVERSITY						
THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH	93.421	COVID-19	ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	17-8814-22		\$36,215	\$267,746	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES	93.421	COVID-19	CENTERS ON DISABILITIES	17-8814-22		\$30,215	\$207,740	N/A	ŞU
THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT			ASSOCIATION OF UNIVERSITY						
THE NATIONS HEALTH	93.421	COVID-19	CENTERS ON DISABILITIES	26-21-8814		\$17.749	\$267,746	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES	93.421	COVID-19	CENTERS ON DISABILITIES	20-21-8814		\$17,749	\$207,740	N/A	ŞU
THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT			AMERICAN PUBLIC HEALTH						
THE NATIONS HEALTH	93.421		ASSOCIATION	APHA 2022-0006		\$8,187	\$267,746	N/A	\$0
	33.421		ASSOCIATION	AF NA 2022-0000		20,18/	\$207,740	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT			ASSOCIATION OF UNIVERSITY						
THE NATIONS HEALTH	93.421		CENTERS ON DISABILITIES	CDC72020		\$4,224	\$267,746	N/A	\$0
NON-ACA/PPHFÑBUILDING CAPACITY OF THE PUBLIC HEALTH	33.421		CENTERS ON DISMBILITIES	CDC/2020		24,224	3207,740	IV/M	ŞU
SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL			ASSOCIATION OF UNIVERSITY						
NONPROFIT ORGANIZATIONS	93.424		CENTERS ON DISABILITIES	CDC102018		\$12	\$12	N/A	\$0
	33.127		CENTERS ON DISABILITIES	CDC102010		712	712	7971	30

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND			KENTUCKY CABINET FOR HEALTH						
STROKE	93.426		AND FAMILY SERVICES	PON2 728 2000002767		\$18,562	\$18,562	N/A	\$0
NETWORKING2SAVE: CDCS NATIONAL NETWORK APPROACH TO	93.420		AND PAIVILY SERVICES	PON2 728 2000002787		\$18,502	\$18,502	N/A	\$0
PREVENTING AND CONTROLLING TOBACCO-RELATED CANCERS IN									
SPECIAL POPULATIONS	93.431		PATIENT ADVOCATE FOUNDATION	CDC112021	\$5,230	\$21,017	\$52,972	N/A	\$0
NETWORKING2SAVE: CDCS NATIONAL NETWORK APPROACH TO					, , ,	, ,	, , ,	,	, .
PREVENTING AND CONTROLLING TOBACCO-RELATED CANCERS IN									
SPECIAL POPULATIONS	93.431		PATIENT ADVOCATE FOUNDATION	CDC122020	\$6,304	\$31,955	\$52,972	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,									
AND REHABILITATION RESEARCH	93.433		SYRACUSE UNIVERSITY	29103-04524-506		\$7,269	\$112,906	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,									4.
AND REHABILITATION RESEARCH	93.433		SYRACUSE UNIVERSITY	32429-06043-504		\$21,465	\$112,906	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		KENT STATE UNIVERSITY	403054-UKY		\$50,424	\$112,906	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,	93.433		VIRGINIA COMMONWEALTH	403034-UK1		\$50,424	\$112,900	N/A	30
AND REHABILITATION RESEARCH	93.433		UNIVERSITY	FP00010656_SA004		\$33,748	\$112,906	N/A	\$0
INNOVATIVE STATE AND LOCAL PUBLIC HEALTH STRATEGIES TO	33.433		ONIVERSITI	11 00010030_3A004		\$33,740	\$112,500	19/0	ÇÜ
PREVENT AND MANAGE DIABETES AND HEART DISEASE AND			KENTUCKY CABINET FOR HEALTH						
STROKE-	93.435		AND FAMILY SERVICES	PON2 728 2000002380		\$32,009	\$257,478	RESEARCH AND DEVELOPMENT	\$269,974,427
INNOVATIVE STATE AND LOCAL PUBLIC HEALTH STRATEGIES TO						, . ,	, . , .		,,
PREVENT AND MANAGE DIABETES AND HEART DISEASE AND			KENTUCKY CABINET FOR HEALTH						
STROKE-	93.435		AND FAMILY SERVICES	PON2 728 2000002769		\$225,469	\$257,478	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN	93.439		AND FAMILY SERVICES	PON2 728 2000002434		\$109,305	\$109,305	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH			4			
TITLE IV-E PREVENTION AND FAMILY SERVICES AND PROGRAMS (A)	93.472		AND FAMILY SERVICES	PON2 736 2000003507		\$31,086	\$1,942,645	RESEARCH AND DEVELOPMENT	\$269,974,427
TITLE IV-E PREVENTION AND FAMILY SERVICES AND PROGRAMS (A)	93.472		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507		\$1,911,559	\$1,942,645	N/A	\$0
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE	93.472		KENTUCKY CABINET FOR HEALTH	PUN2 736 2000003307		\$1,911,559	\$1,342,045	N/A	ŞU
AND RESILIENT	93.495		AND FAMILY SERVICES	PON2 728 2000002734		\$13,447	\$247,765	N/A	\$0
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE	33.433		KENTUCKY CABINET FOR HEALTH	7 0142 728 2000002734		J13,447	Ş247,703	19/0	ÇÜ
AND RESILIENT	93.495	COVID-19	AND FAMILY SERVICES	PON2 728 2000002734		\$71,320	\$247,765	N/A	\$0
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE			KENTUCKY CABINET FOR HEALTH			, , , .	, ,	,	, .
AND RESILIENT	93.495	COVID-19	AND FAMILY SERVICES	PON2 728 2000002769		\$31,863	\$247,765	N/A	\$0
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE			KENTUCKY CABINET FOR HEALTH						
AND RESILIENT	93.495		AND FAMILY SERVICES	PON2 728 2000002989		\$131,135	\$247,765	N/A	\$0
THE AFFORDABLE CARE ACT: 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		\$967,403	\$967,403	81/4	\$0
AFFORDABLE CARE ACT (ACA) GRANTS FOR CAPITAL DEVELOPMENT IN	93.521		AND FAMILY SERVICES	PUN2 728 2000001602		\$967,403	\$967,403	N/A	\$0
HEALTH CENTERS	93.526	COVID-19				\$100,306	\$100,306	N/A	\$0
AFFORDABLE CARE ACT (ACA) GRANTS FOR NEW AND EXPANDED SERVICES	33.320	00110 13				\$100,500	\$100,500	14/1	Ŷ0
UNDER THE HEALTH CENTER PROGRAM	93.527					\$786,684	\$875,997 H	HEALTH CENTER PROGRAM CLUSTER	\$2,662,868
AFFORDABLE CARE ACT (ACA) GRANTS FOR NEW AND EXPANDED			BLUEGRASS COMMUNITY HEALTH						
SERVICES UNDER THE HEALTH CENTER PROGRAM	93.527		CENTER	HRSA04222021		\$89,313	\$875,997 H	HEALTH CENTER PROGRAM CLUSTER	\$2,662,868
			KENTUCKY CABINET FOR HEALTH						
PROMOTING SAFE AND STABLE FAMILIES	93.556		AND FAMILY SERVICES	PON2 736 2000001755		\$191,973	\$1,009,108	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						4.
PROMOTING SAFE AND STABLE FAMILIES	93.556		AND FAMILY SERVICES	PON2 736 2000003507		\$817,135	\$1,009,108	N/A	\$0
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		KENTUCKY CABINET FOR HEALTH	PON2 736 2000001647	\$592,236	\$5,712,167	\$5,858,088	RESEARCH AND DEVELOPMENT	\$269,974,427
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PUN2 736 2000001647	\$592,236	\$5,712,167	\$5,858,088	KESEARCH AND DEVELOPMENT	\$269,974,427
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		AND FAMILY SERVICES	PON2 736 2000003507		\$145,921	\$5,858,088	N/A	\$0
TEINIFORANT ASSISTANCE FOR NEEDT PAINIELES	33.336		KENTUCKY CABINET FOR HEALTH	652EFD6FAC864AE9826817C64C814		\$143,521	\$3,636,066	N/A	30
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COVID-19	AND FAMILY SERVICES	DDF		\$84,683	\$6,569,955	CCDF CLUSTER	\$6,569,955
			KENTUCKY CABINET FOR HEALTH	EB859FC77B534B93A0D64F444F6A6		71.,303	+-,,555		+-,,555
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COVID-19	AND FAMILY SERVICES	323		\$116,364	\$6,569,955	CCDF CLUSTER	\$6,569,955
			KENTUCKY CABINET FOR HEALTH	F3D0D233B0B944F68D512650398E9					
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COVID-19	AND FAMILY SERVICES	BAD		\$297	\$6,569,955	CCDF CLUSTER	\$6,569,955
			KENTUCKY CABINET FOR HEALTH						
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		AND FAMILY SERVICES	PON2 736 2000001765	\$267,256	\$6,368,611	\$6,569,955	CCDF CLUSTER	\$6,569,955
ADODTION INSTALL STANDARD	02.665		KENTUCKY CABINET FOR HEALTH	BON 700 3		4	4	**/*	4.
ADOPTION INCENTIVE PAYMENTS	93.603		AND FAMILY SERVICES	PON2 736 2000001755		\$38,091	\$425,811	N/A	\$0
ADOPTION INCENTIVE PAYMENTS	93.603		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 736 2000003507		\$387,720	\$425,811	N/A	\$0
ADDETION INCENTIVE PATIVIENTS	33.003		MIND PAIVILLY SERVICES	FUNZ /30 200000330/		3387,720	\$425,611	NyA	30

	Federal	Additional Award	Name of Funder	Identifying Number Assigned By Funder	Total Amount		Federal		
Fadaral Assertina Annas (Decreas Title	CFDA Number	Identification	Pass-Through	Pass-Through	Provided to	Federal Expenditures	Program	Cluster Name	Cluster Total
Federal Awarding Agency/Program Title VOTING ACCESS FOR INDIVIDUALS WITH DISABILITIES-GRANTS FOR	Number	(Optional)	Entity KENTUCKY JUSTICE AND PUBLIC	Entity	Sub-Recipients	Expenditures	Total	Name	Iotai
PROTECTION AND ADVOCACY SYSTEMS	93.618		SAFETY CABINET	PON2 515 2200000612		\$3,269	\$3,269	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY			KENTUCKY CABINET FOR HEALTH			, , ,			
GRANTS	93.630		AND FAMILY SERVICES	PON2 125 2000003099		-\$457	\$240,835	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY			KENTUCKY CABINET FOR HEALTH						
GRANTS	93.630		AND FAMILY SERVICES	PON2 125 2100002203		\$183,377	\$240,835	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY			KENTUCKY CABINET FOR HEALTH						
GRANTS	93.630		AND FAMILY SERVICES	PON2 125 2100002294		\$54,545	\$240,835	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY			KENTUCKY JUSTICE AND PUBLIC						
GRANTS	93.630		SAFETY CABINET	PON2 515 2200000612		\$3,370	\$240,835	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631					\$46,190	¢107.370	21/2	ćo
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL	93.631		CINCINNATI CHILDRENS HOSPITAL			\$46,190	\$197,279	N/A	\$0
SIGNIFICANCE	93.631		MEDICAL CENTER	309541		\$134,580	\$197,279	N/A	\$0
SIGNIFICANCE	33.031		NATIONAL ASSOCIATION OF	303341		\$15 4 ,500	\$151,215	19/0	ÇÜ
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL			COUNCILS ON DEVELOPMENTAL						
SIGNIFICANCE	93.631		DISABILITIES	ACL22020		\$16,509	\$197,279	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES						, ,,	, . , .	,	, .
EDUCATION, RESEARCH, AND SERVICE	93.632				\$118,947	\$861,260	\$875,611	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES									
EDUCATION, RESEARCH, AND SERVICE	93.632	COVID-19				\$14,351	\$875,611	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
CHILDREN'S JUSTICE GRANTS TO STATES	93.643		AND FAMILY SERVICES	PON2 736 2000003507		\$293	\$293	N/A	\$0
ACCOUNTABLE HEALTH COMMUNITIES	93.650				\$135,360	\$681,011	\$681,011	N/A	\$0
FOCTER CARE TITLE IIV F	93.658		KENTUCKY CABINET FOR HEALTH	DOM 2 726 2000002507		ĆC14 F30	ć2 220 4 <i>C</i> 4	DECEMBELL AND DELICIODATENT	¢200 074 427
FOSTER CARE_TITLE IV-E FOSTER CARE_TITLE IV-E	93.658		AND FAMILY SERVICES EASTERN KENTUCKY UNIVERSITY	PON2 736 2000003507 453922-21-130		\$614,520 \$25	\$2,339,164 \$2,339,164	RESEARCH AND DEVELOPMENT N/A	\$269,974,427 \$0
FOSTER CARE_TITLE IV-E	93.658		EASTERN KENTUCKY UNIVERSITY	453925-21-128		-\$65	\$2,339,164	N/A	\$0
FOSTER CARE_TITLE IV-E	93.658		EASTERN KENTUCKY UNIVERSITY	454064-22-117		\$27,725	\$2,339,164	N/A	\$0
FOSTER CARE_TITLE IV-E	93.658		EASTERN KENTUCKY UNIVERSITY	454066-22-115		\$376,431	\$2,339,164	N/A	\$0
FOSTER CARE_TITLE IV-E	93.658		EASTERN KENTUCKY UNIVERSITY	454068-22-118		\$37,103	\$2,339,164	N/A	\$0
FOSTER CARE_TITLE IV-E	93.658		EASTERN KENTUCKY UNIVERSITY	454069-22-116		\$44,385	\$2,339,164	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
FOSTER CARE_TITLE IV-E	93.658		AND FAMILY SERVICES	PON2 736 2000001755		\$117,914	\$2,339,164	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
FOSTER CARE_TITLE IV-E	93.658		AND FAMILY SERVICES	PON2 736 2000003507		\$1,121,126	\$2,339,164	N/A	\$0
EMERGENCY GRANTS TO ADDRESS MENTAL AND SUBSTANCE USE			KENTUCKY CABINET FOR HEALTH						4.
DISORDERS DURING COVID-19	93.665	COVID-19	AND FAMILY SERVICES	PON2 729 2000002766		\$146,303	\$377,059	N/A	\$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 2000003431	\$44,834	\$179,393	\$377,059	N/A	\$0
EMERGENCY GRANTS TO ADDRESS MENTAL AND SUBSTANCE USE	93.005	COVID-19	KENTUCKY CABINET FOR HEALTH	PON2 729 2000003431	\$44,834	\$179,393	\$377,059	N/A	\$U
DISORDERS DURING COVID-19	93.665	COVID-19	AND FAMILY SERVICES	PON2 729 2100000884		\$51,363	\$377,059	N/A	\$0
DISONDENS DONING COVID-15	33.003	COVID-13	KENTUCKY CABINET FOR HEALTH	FUN2 729 2100000884		\$31,303	\$377,033	N/A	ŞU
CHILD ABUSE AND NEGLECT STATE GRANTS	93.669		AND FAMILY SERVICES	PON2 736 2000001755		\$32,050	\$327,529	N/A	\$0
			KENTUCKY CABINET FOR HEALTH			7,	**,*		, ,
CHILD ABUSE AND NEGLECT STATE GRANTS	93.669		AND FAMILY SERVICES	PON2 736 2000003507	\$43,144	\$295,479	\$327,529	N/A	\$0
JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL			KENTUCKY CABINET FOR HEALTH						
TRANSITION TO ADULTHOOD	93.674		AND FAMILY SERVICES	PON2 736 2000003507		\$8,843	\$8,833	RESEARCH AND DEVELOPMENT	\$269,974,427
JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL			KENTUCKY CABINET FOR HEALTH						
TRANSITION TO ADULTHOOD	93.674		AND FAMILY SERVICES	PON2 736 2000003507		-\$10	\$8,833	N/A	\$0
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING									
GRANTS	93.732		UNIVERSITY OF UTAH	10063043-03		\$3,535	\$789,507	RESEARCH AND DEVELOPMENT	\$269,974,427
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732					6705.073	\$789,507	21/2	do.
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		KENTUCKY CABINET FOR HEALTH			\$785,972	\$789,507	N/A	\$0
CHILDREN'S HEALTH INSURANCE PROGRAM	93.767		AND FAMILY SERVICES	PON2 721 2000003082		\$1,280,225	\$1,360,211	N/A	\$0
CHIEDREN 3 HEALTH INSURANCE PROGRAM	33.707		KENTUCKY CABINET FOR HEALTH	FON2 721 2000003082		\$1,200,223	\$1,300,211	N/A	ŞU
CHILDREN'S HEALTH INSURANCE PROGRAM	93.767		AND FAMILY SERVICES	PON2 746 2000001480		\$79,986	\$1,360,211	N/A	\$0
			KENTUCKY CABINET FOR HEALTH			Ţ. 2,300	,-,, - 11	.,,	
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000004018		\$84,720	\$9,900,273	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000004029		\$59,600	\$9,900,273	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000004046		\$164,737	\$9,900,273	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000004152		\$92,297	\$9,900,273	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH			4			44
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 725 2000003475		\$47,957	\$9,900,273	MEDICAID CLUSTER	\$9,498,919

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
reactar Awarding Agency, Frogram Title	, van ber	(Optional)	KENTUCKY CABINET FOR HEALTH	Linity	oub neuplenes	Experiences	70147		rotur
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 729 2000002568		\$3,463,663	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 739 2100001118		\$53,934	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 739 2100003144		\$943,806	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
MEDICAL ASSISTANCE PROGRAM	93.778		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 746 2000001660		\$560,493	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
WEDICAE ASSISTANCE I NOCIANI	33.770		KENTUCKY CABINET FOR HEALTH	7 0142 740 2000001000		\$300,433	\$5,500,275	WEDICAID CEOSTER	\$3,430,313
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000002181		\$931,913	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000002194		\$2,408,415	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
			KENTUCKY CABINET FOR HEALTH				4		4
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 746 2000002586		\$334,410	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000003157		\$235,994	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
MEDICIE / BOSO / WILLE / NOON WI	33.770		KENTUCKY CABINET FOR HEALTH	7 0112 7 40 2000003137		Ģ233,334	<i>ψ3,300,273</i>	MESIC III CEOSTEII	\$3,430,313
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000003959		\$195,224	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
			KENTUCKY CABINET FOR HEALTH						
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES	PON2 746 2000004187		\$248,080	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
			KENTUCKY CABINET FOR HEALTH			4	4		4
MEDICAL ASSISTANCE PROGRAM	93.778		AND FAMILY SERVICES KENTUCKY JUSTICE AND PUBLIC	PON2 746 2100001738		\$75,030	\$9,900,273	MEDICAID CLUSTER	\$9,498,919
OPIOID STR	93.788		SAFETY CABINET	PON2 527 2000003729		-\$78	\$3,539,940	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH			***	40,000,010		
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 729 2000002099		-\$1,290	\$3,539,940	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY CABINET FOR HEALTH						
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 729 2000002174		\$1,673,941	\$3,539,940	RESEARCH AND DEVELOPMENT	\$269,974,427
ONIGID CTD	93.788		KENTUCKY CABINET FOR HEALTH	004/2 720 2000002725		ćco 405	62.520.040	DESCRIPCIO AND DELICIONALINE	6260.074.427
OPIOID STR	93.788		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 729 2000002736		\$69,185	\$3,539,940	RESEARCH AND DEVELOPMENT	\$269,974,427
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 746 2000004151		\$84,067	\$3,539,940	RESEARCH AND DEVELOPMENT	\$269,974,427
OPIOID STR	93.788					\$209,611	\$3,539,940	N/A	\$0
OPIOID STR	93.788		IOWA STATE UNIVERSITY	022769B		\$116,331	\$3,539,940	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 729 2000002099		\$352,526	\$3,539,940	N/A	\$0
OPIOID STR	93.788		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002211		\$291,464	\$3,539,940	N/A	\$0
OFIGID 31K	33.700		KENTUCKY CABINET FOR HEALTH	FON2 723 2000002211		3231,404	\$3,333,340	IVA	٥٥
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 729 2000002455		\$331,423	\$3,539,940	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 729 2000002766		\$49,664	\$3,539,940	N/A	\$0
			KENTUCKY CABINET FOR HEALTH						
OPIOID STR	93.788		AND FAMILY SERVICES	PON2 729 2100001213		\$211,529	\$3,539,940	N/A	\$0
OPIOID STR	93.788		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 746 2000004006		\$151,567	\$3,539,940	N/A	\$0
GHOLD STM	33.700		KENTUCKY CABINET FOR HEALTH	7 0142 740 2000004000		\$131,307	\$3,333,340	19/5	ŞÜ
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		AND FAMILY SERVICES	PON2 746 2000002169		\$313,715	\$313,715	N/A	\$0
ORGANIZED APPROACHES TO INCREASE COLORECTAL CANCER			KENTUCKY CABINET FOR HEALTH						
SCREENING	93.800		AND FAMILY SERVICES	PON2 728 2000002769		\$100,254	\$119,456	N/A	\$0
ORGANIZED APPROACHES TO INCREASE COLORECTAL CANCER			KENTUCKY CABINET FOR HEALTH			4			4
SCREENING	93.800		AND FAMILY SERVICES	PON2 728 2100000739		\$19,202	\$119,456	N/A	\$0
PAUL COVERDELL NATIONAL ACUTE STROKE PROGRAM NATIONAL CENTER									
FOR CHRONIC DISEASE PREVENTION AND HEALTH PROMOTION	93.810				\$26,911	\$473,292	\$473,292	N/A	\$0
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$915,511	\$8,314,407	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		MOUNT SINAI	0255-A961-4609		\$122,869	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
						4-2	44.44		
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		RUSH UNIVERSITY MEDICAL CENTER W-Z BIOTECH LLC	18052902-SUB01		\$7,398	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CANDIOVASCULAR DISEASES RESEARCH	23.03/		W-2 BIOTECH LLC MASSACHUSETTS GENERAL	1R43HL158430-01		\$31,898	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		HOSPITAL	225715		\$9,174	\$9.335.528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		W-Z BIOTECH LLC	2R44HL120370-02		\$71,808	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF NEBRASKA - LINCOLN	34-5170-2114-201		\$262,416	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARRIOVACCI II AR RICEACCC RECEARCI	02.027		AND COCKET OF MODEL CAR TOWN	5444354		6240.6=-	60 225	DESCRIPCIO AND DELICIONATE.	4260.074
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		UNIVERSITY OF NORTH CAROLINA NORTHWESTERN UNIVERSITY	5111354 60045563 UK		\$210,651 \$21,690	\$9,335,528 \$9,335,528	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
CANDIOVASCULAN DISEASES RESEARCH	33.03/		NONTHWESTERN UNIVERSITY	00043303 UK		\$21,090	25,333,328	ALSEANCH AIND DEVELOPIVIEIN	\$203,374,427

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF TEXAS SOUTHWESTERN UNIVERSITY OF TEXAS	GMO 201017 PO#000001883A		\$5	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		SOUTHWESTERN	GMO200205 PO000001956B		\$9,445	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		CASE WESTERN RESERVE	RES514116		\$127,851	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MICHIGAN	SUBK00008520		-\$104	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MICHIGAN	SUBK00013624		\$19,838	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ARKANSAS	UA2020-132		\$15,400	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF LOUISVILLE	ULRF 19-0266-01-2		\$88,015	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF LOUISVILLE	ULRF_18-1126B-01		\$8,916	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
			WASHINGTON UNIVERSITY IN ST.	5220 52202 62		70,020	70,000,020		+ 200,01 1,121
CARDIOVASCULAR DISEASES RESEARCH	93.837		LOUIS WASHINGTON UNIVERSITY IN ST.	WU-22-0195		\$5,866	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
CARDIOVASCULAR DISEASES RESEARCH	93.837		LOUIS	WU-22-0316		\$7,985	\$9,335,528	RESEARCH AND DEVELOPMENT	\$269,974,427
LUNG DISEASES RESEARCH	93.838					\$1,220,408	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
			NEW YORK UNIVERSITY SCHOOL OF						
LUNG DISEASES RESEARCH	93.838		MEDICINE	21-A0-00-1005819		\$3,394	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
LUNG DISEASES RESEARCH	93.838		WAKE FOREST UNIVERSITY	298-101300-Z11461		\$12,541	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF VERMONT	31438SUB00000156		\$10,501	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF VERMONT	32723SUB00000155		\$2,958	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
LUNG DISEASES RESEARCH	93.838		WAKE FOREST UNIVERSITY	3U01HL123009-06S1		\$42,875	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
LUNG DISEASES RESEARCH	93.838		WEST VIRGINIA UNIVERSITY	OT2HL161847-01		\$186,438	\$1,479,115	RESEARCH AND DEVELOPMENT	\$269,974,427
BLOOD DISEASES AND RESOURCES RESEARCH	93.839				\$160,711	\$1,732,920	\$1,728,748	RESEARCH AND DEVELOPMENT	\$269,974,427
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER, NEW ORLEANS	21-13-100		-\$8,743	\$1,728,748	RESEARCH AND DEVELOPMENT	\$269,974,427
			UNIVERSITY OF ARKANSAS FOR						
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		MEDICAL SCIENCES	FP 55840		\$4,571	\$1,728,748	RESEARCH AND DEVELOPMENT	\$269,974,427
ACL ASSISTIVE TECHNOLOGY STATE GRANTS FOR PROTECTION AND			KENTUCKY JUSTICE AND PUBLIC						
ADVOCACY	93.843		SAFETY CABINET	PON2 515 2200000612		\$3,263	\$3,263	N/A	\$0
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846					\$1,913,469	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		OKLAHOMA MEDICAL RESEARCH FOUNDATION	0330-01_UKRF		\$17,742	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		CASE WESTERN RESERVE	1442-SUB		\$12,480	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
ARTHRID, MOSCOEOSKEELTAE AND SKIN DISEASES RESEARCH	33.040					\$12,460	\$2,045,032	RESEARCH AND DEVELOT MENT	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		RIDGELINE THERAPEUTICS ALBERT EINSTEIN COLLEGE OF	1R41AR076871-01		\$38,467	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		MEDICINE	312009		\$61,041	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF PITTSBURGH WASHINGTON UNIVERSITY IN ST.	AWD00001277 (133933-16)		\$4,913	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		LOUIS	WU-20-111-MOD-2		\$1,520	\$2,049,632	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$242,289	\$6,177,009	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	02.047		UNIVERSITY OF ALABAMA AT	000540754 50000 003		ć45.052	ćc 720 500	DESCRIPCIO AND DELICIONALINE	6250.074.427
RESEARCH	93.847		BIRMINGHAM	000518751-SP008-002		\$15,063	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CHILDREN'S HOSPITAL OF PHILADELPHIA	3301820719		\$5,607	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL									
RESEARCH	93.847		TUFTS UNIVERSITY	5021565_SERV		\$57,405	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	700198-0620-00		\$12,804	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL									
RESEARCH	93.847		UNIVERSITY OF MISSOURI	C00069492-1		\$97,035	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL									
RESEARCH	93.847		UNIVERSITY OF VIRGINIA	GB10534		\$57,902	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		YALE UNIVERSITY	GR111826 (CON-80002842)		\$24,243	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			UNIVERSITY OF MISSISSIPPI MEDICAL						
RESEARCH	93.847		CENTER	SP13736-SB2		\$28,132	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF LOUISVILLE	ULRF_20-0745-01		\$53,336	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	33.047		VANDERBILT UNIVERSITY MEDICAL	ULNF_20-0/45-01		233,330	20,730,509	NEGLANCH AND DEVELOPIVIENT	32U3,314,421
RESEARCH	93.847		CENTER	VUMC88444		\$28,261	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269.974.427
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	33.047		WASHINGTON UNIVERSITY IN ST.	70		920,201	20,750,303		Q203,37-1,427
RESEARCH	93.847		LOUIS	WU-13-238		\$173,712	\$6,730,509	RESEARCH AND DEVELOPMENT	\$269,974,427
						72.2,.22	+-,,505		7,,-2,

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
NEUROLOGICAL DISORDERS	93.853				\$946,388	\$12,257,401	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.033				\$340,300	Ç12,237,401	\$13,102,02 <i>1</i>	NEGET WITH DEVELOT WENT	Q203,374,427
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	010785-130526		\$29,971	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	011266-007		\$41,269	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	011337-108332		\$10,811	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.833		DIVIVERSITY OF CINCINNATI	011337-108332		\$10,811	\$13,102,027	RESEARCH AIND DEVELOPMENT	3203,374,427
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	011381-130526		\$10,161	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	012044-108332		-\$26	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853		UNIVERSITY OF CINCINNATI	012340-108332		\$15,947	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	012481-002		-\$1,297	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.033		ONVERSITY OF CINCINNATI	012401-002		-51,257	\$15,102,027	RESEARCH AND DEVELOT MENT	\$205,574,427
NEUROLOGICAL DISORDERS	93.853		SIGNAL SOLUTIONS LLC	2R42NS107148-02		\$186,994	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF MICHIGAN	3002672039-ISPOT		\$2,168	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853		AUGUSTA UNIVERSITY	32545-1		\$3,959	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF MICHIGAN	5000002954		\$1,974	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.833		ONIVERSITY OF WILCHIGAN	3000002334		\$1,574	\$15,102,027	RESEARCH AND DEVELOT MENT	\$205,574,427
NEUROLOGICAL DISORDERS	93.853		BIOPTICS TECHNOLOGY LLC	5R41NS122722-02		\$61,715	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853		NAPROGENIX AGTECC	5R44NS108804-03		\$221,282	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND						4			
NEUROLOGICAL DISORDERS	93.853		MAYO CLINIC	5U01NS080168-07		\$697	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CALIFORNIA, DAVIS	A21-1324-S014		\$10,432	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.833		METHODIST HOSPITAL RESEARCH	A21-1324-3014		<i>\$10,432</i>	\$15,102,027	RESEARCH AND DEVELOT MENT	\$205,574,427
NEUROLOGICAL DISORDERS	93.853		INSTITUTE	AGMT00005555		\$133,923	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									,,
NEUROLOGICAL DISORDERS	93.853		COLORADO STATE UNIVERSITY	G-32176-01		\$92,032	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF FLORIDA	SUB00002652		\$757	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF MICHIGAN	SUBK00014508		\$2,838	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.833		UNIVERSITY OF WICHIGAN	308100014308		32,030	\$13,102,027	RESEARCH AIND DEVELOPMENT	3203,374,427
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF MICHIGAN	SUBK0009091		\$9,842	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF LOUISVILLE	ULRF 18-0581-01		\$9,177	\$13,102,027	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855				\$1,015,243	\$7,142,182	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	COVID-19	EDED HUTCHINGON CANCED			\$156,049	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	COVID-19	FRED HUTCHINSON CANCER RESEARCH CENTER	0001060388		\$71,680	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, INVINIONOLOGY AND TRANSPLANTATION RESEARCH	33.833	COVID-13	FRED HUTCHINSON CANCER	0001000388		\$71,000	30,133,470	RESEARCH AIND DEVELOPMENT	3203,374,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		RESEARCH CENTER	0001062463		\$143,715	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
			OREGON HEALTH AND SCIENCES						
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY	1009009_UKY_R33		\$178,019	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		P2D INC	1R43AI145726-01		\$64,850	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		JOHNS HOPKINS UNIVERSITY	2005240015		\$35,226	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF CENTRAL FLORIDA	22206110-01		\$106,882	\$8.193.470	RESEARCH AND DEVELOPMENT	\$269,974,427
			MASSACHUSETTS GENERAL			,	70,200,		+
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		HOSPITAL	225715		-\$61	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		SOUTH DAKOTA STATE UNIVERSITY	3TC373		\$50,035	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		HEALTH RESEARCH INCORPORATED	423-01		\$74,389	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		BOSTON UNIVERSITY	423-01 4500003417		\$74,389 \$51,991	\$8,193,470 \$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		LOUISIANA STATE UNIVERSITY	PO-000079677		-\$184	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF MICHIGAN	SUBK00009111		\$27,385	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF LOUISVILLE	ULRF_21-0377-03		\$91,312	\$8,193,470	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$11,544,610	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		ARKANSAS CHILDREN'S HOSPITAL	034106	4403 ===	\$12,561	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		XLERATE HEALTH LLC	5UT2GM130174-03	\$182,763	\$317,967	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427

		Additional		Identifying Number					
	Federal	Additional	Name of Funder	Identifying Number Assigned By Funder	Total Amount		Federal		
	CFDA	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	(Optional)	LOYOLA UNIVERSITY	LU212589UK	Jub-Necipients	\$821	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOINEBIO LE NESE MONTAND NESE MONTANTO	33.033		MARSHALL UNIVERSITY RESEARCH	LOZZZSOSON		ÇÜZI	Ģ11,231,074	NESE MENT AND DEVELOT MENT	\$205,574,427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		CORPORATION	P2201062		\$17,966	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOINEBIO LE NESE MENTAND NESE MENTANDIMENTO	33.033		MARSHALL UNIVERSITY RESEARCH	72201002		<i>\$17,500</i>	Ģ11,251,074	NESEMBITAND DEVELOTMENT	\$203,374,427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		CORPORATION	P2202299		\$7.783	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269.974.427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		CASE WESTERN RESERVE	RES516036		\$29,661	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF LOUISVILLE	ULRF_18-0975C-05		\$299,705	\$12,231,074	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$387,693	\$1,812,479	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL					7-0-7-00	¥=/0==/ ··· 0	+=/= :0/=00		+
RESEARCH	93.865		NEW YORK UNIVERSITY	20-A1-00-1002855		\$629	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL							*-,,		, , , , , , , , , , , , , , , , , , ,
RESEARCH	93.865		CHILDREN'S RESEARCH INSTITUTE	30004438-14		\$3	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	33.003		CINEDICIA S'AESEN MOT MOTOTE	30004430 14		43	\$2,043,203	NESEMBITAND DEVELOTMENT	\$203,374,427
RESEARCH	93.865		BOSTON UNIVERSITY	4500003128		\$24,362	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	33.003		bost on onivensiti	450005120		\$2-1,50 <u>2</u>	\$2,043,203	NEGET INCITATION DEVELOT MENT	\$203,374,427
RESEARCH	93.865		NORTHEASTERN UNIVERSITY	500692-78050		\$126,986	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL			CHILDREN'S HOSPITAL OF			+	7-/0:0/-00		, , , , , , , , , , , , , , , , , , ,
RESEARCH	93.865		PHILADELPHIA	8902840819		\$43,328	\$2.043.285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						*,	7-//		#===,,
RESEARCH	93.865		EMORY UNIVERSITY	A538023		\$25,791	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	33.003		EMONT ONVENSITY	7,536023		<i>\$25,751</i>	<i>\$2,043,203</i>	NESE/ INC/ / IND DEVELO/ INE/	\$203,374,427
RESEARCH	93.865		EMORY UNIVERSITY	T674835		\$9,707	\$2,043,285	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		EMONT ON VENSOR	707-1033	\$2,839,028	\$20,855,503	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF WISCONSIN	000001244	\$2,033,020	\$68,317	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
//O//O NESE/MOI	33.000		OREGON HEALTH AND SCIENCES	0000012-4-4		<i>\$00,51</i>	\$22,070,747	NESE MENT AND DEVELOT MENT	\$203,374,427
AGING RESEARCH	93.866		UNIVERSITY	1016754_KENTUCKY		\$18,642	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
			UNIVERSITY OF SOUTHERN			7-0,01-	¥==/0.0/		#===/e: ·/·=:
AGING RESEARCH	93.866		CALIFORNIA	105715578		\$113,423	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	33.000		UNIVERSITY OF SOUTHERN	103/133/0		ÿ113,423	322,070,747	RESEARCH AND DEVELOT WENT	\$203,374,427
AGING RESEARCH	93.866		CALIFORNIA	109316541		\$332	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AONO RESEARCH	33.800		UNIVERSITY OF SOUTHERN	105510541		, , , , , , , , , , , , , , , , , , ,	322,070,747	RESEARCH AND DEVELOT WEIGH	\$203,374,427
AGING RESEARCH	93.866		CALIFORNIA	110865594		\$1,504	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	33.000		UNIVERSITY OF SOUTHERN	110003334		J1,304	322,070,747	RESEARCH AND DEVELOT WENT	\$203,374,427
AGING RESEARCH	93.866		CALIFORNIA	129135678		\$440	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AONO RESEARCH	33.800		UNIVERSITY OF SOUTHERN	123133078		Ş440	322,070,747	RESEARCH AND DEVELOT WEIGH	\$203,374,427
AGING RESEARCH	93.866		CALIFORNIA	129205603		\$55,193	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF PITTSBURGH	135493		\$4,603	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF PITTSBURGH	135494		\$11,898	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF PITTSBURGH	135497		\$57,425	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF PITTSBURGH	135499		\$3,781	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF PITTSBURGH	135502		\$17,485	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		PARKINSONS FOUNDATION	1R01AG059417-01A1		\$4,291	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		RIDGELINE THERAPEUTICS	1U44AG074107-01		\$17,960	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		JOHNS HOPKINS UNIVERSITY	2004981571		\$128,254	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	33.000		JOHNS HOLKING ON VERSIT	2004301371		Ş120,25 4	322,070,747	RESEARCH AND DEVELOT WENT	\$203,374,427
AGING RESEARCH	93.866		UNIVERSITY OF CALIFORNIA, IRVINE	2019-1210		\$388,173	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		MERRIMACK COLLEGE	2110601		\$7,765	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF PENNSYLVANIA	570551		\$60,687	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		NORTHWESTERN UNIVERSITY	60050890 UK		\$20,015	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		NORTHWESTERN UNIVERSITY	60059377 UK		\$10,498	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	33.000		UNIVERSITY OF CALIFORNIA, SAN	00035377 UK		\$10,430	322,070,747	RESEARCH AND DEVELOPMENT	3203,374,427
AGING RESEARCH	93.866		DIEGO	704641		\$356	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.000		UNIVERSITY OF CALIFORNIA, SAN	704041		3330	322,070,747	RESEARCH AND DEVELOPMENT	3203,374,427
AGING RESEARCH	93.866		DIEGO	72750090		\$5.989	\$22.878.747	RESEARCH AND DEVELOPMENT	\$269,974,427
Adino research	33.800		UNIVERSITY OF SOUTHERN	72730030		25,505	322,070,747	RESEARCH AND DEVELOR WENT	\$203,374,427
AGING RESEARCH	93.866		CALIFORNIA	75681652		\$2,260	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	33.000		UNIVERSITY OF SOUTHERN	73081032		\$2,200	322,070,747	RESEARCH AND DEVELOPMENT	3203,374,427
AGING RESEARCH	93.866		CALIFORNIA	79635087		\$175,674	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	33.000		UNIVERSITY OF CALIFORNIA, SAN	73033067		\$175,074	322,010,141	NEGLANCH AND DEVELOPIVIENT	2203,314,421
AGING RESEARCH	93.866		DIEGO	87636211		\$3,151	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH AGING RESEARCH	93.866		EMORY UNIVERSITY	87636211 A538865		\$3,151 \$92,614	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH AGING RESEARCH	93.866 93.866		UNIVERSITY OF PITTSBURGH	AWD00002130 (136595-6) AWD00002169 (134323-1)		\$389,962 \$6,615	\$22,878,747 \$22,878,747	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
AGING RESEARCH	93.800		UNIVERSITY OF PITTSBURGH	AVVDUUUU2109 (154523-1)		\$0,015	\$22,676,747	NESEANCH AND DEVELOPINENT	\$209,974,427
AGING RESEARCH	93.866		UNIVERSITY OF TEXAS SOUTHWESTERN	GMO 190502 PO#0000001741		\$29.807	\$22.878.747	RESEARCH AND DEVELOPMENT	\$269.974.427
						, .,	, , , , , ,		1
AGING RESEARCH	93.866		YALE UNIVERSITY	GR102592 (CON-80001219)		\$40,496	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
ACINIC DECEADOU	03.000		KAISER FOUNDATION RESEARCH	DNC210C10 11KV		60.053	622.070.747	DECEMBELL AND DEVELOPMENT	6260.074.427
AGING RESEARCH	93.866		INSTITUTE	RNG210618-UKY		\$9,953	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity NORTHERN CALIFORNIA INSTITUTE	Entity	Sub-Recipients	Expenditures	Total	Name	Total
AGING RESEARCH	93.866		FOR RESEARCH	STE2196-21		\$152,805	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		UNIVERSITY OF WASHINGTON	UWSC13003		\$26,700	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
AGING RESEARCH	93.866		WAYNE STATE UNIVERSITY	WSU17147-A4		\$96,176	\$22,878,747	RESEARCH AND DEVELOPMENT	\$269,974,427
VISION RESEARCH	93.867					\$805,430	\$805,913	RESEARCH AND DEVELOPMENT	\$269,974,427
			NEW YORK UNIVERSITY SCHOOL OF						
VISION RESEARCH	93.867		MEDICINE JAEB CENTER FOR HEALTH	16-00463		\$459	\$805,913	RESEARCH AND DEVELOPMENT	\$269,974,427
VISION RESEARCH	93.867		RESEARCH INC KENTUCKY JUSTICE AND PUBLIC	IXT6		\$24	\$805,913	RESEARCH AND DEVELOPMENT	\$269,974,427
STATE GRANTS FOR PROTECTION AND ADVOCACY SERVICES	93.873		SAFETY CABINET	PON2 515 2200000612		\$3,263	\$3,263	N/A	\$0
MEDICAL LIBRARY ASSISTANCE	93.879					\$370,547	\$460,553	RESEARCH AND DEVELOPMENT	\$269,974,427
MEDICAL LIBRARY ASSISTANCE	93.879		UNIVERSITY OF CINCINNATI	013690-00003		\$9,011	\$460,553	RESEARCH AND DEVELOPMENT	\$269,974,427
MEDICAL LIBRARY ASSISTANCE	93.879	COVID-19	UNIVERSITY OF CINCINNATI	013690-00003		\$80,995	\$460,553	RESEARCH AND DEVELOPMENT	\$269,974,427
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$426,630	\$426,630	N/A	\$0
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898				\$53,202	\$1,298,389	\$1,442,398	N/A	\$0
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002734		\$144,009	\$1,442,398	N/A	\$0
RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER									
QUALITY IMPROVEMENT	93.912		FLETCHER GROUP INCORPORATED	DHHS102019		\$416,188	\$416,188	N/A	\$0
GRANTS TO STATES FOR OPERATION OF OFFICES OF RURAL HEALTH	93.913					\$182,448	\$182,448	N/A	\$0
HIV CARE FORMULA GRANTS	93.917		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000002154		\$1,387,539	\$1,432,432	N/A	\$0
HIV CARE FORMULA GRANTS	93.917		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000003041		\$44,893	\$1,432,432	N/A	\$0
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918		THIS TANKET SERVICES	7 5/12 725 255555541		\$1,753,248	\$1,761,807	N/A	\$0
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH	93.918					\$1,755,246	\$1,761,807	N/A	ŞU
RESPECT TO HIV DISEASE RYAN WHITE HIV/AIDS DENTAL REIMBURSEMENT AND COMMUNITY	93.918	COVID-19				\$8,559	\$1,761,807	N/A	\$0
BASED DENTAL PARTNERSHIP GRANTS	93.924					\$166,136	\$166,136	N/A	\$0
SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM	02.025					6542.052	¢c.42.0c2	CTUDENT FINANCIAL ACCICTANCE	6245 677 527
DISADVANTAGED BACKGROUNDS	93.925 93.928		VALE HAM (EDCIT)	CON 00003503/CD445404)		\$643,963		STUDENT FINANCIAL ASSISTANCE	\$245,677,527
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE			YALE UNIVERSITY	CON-80003502(GR115404)		\$40,130	\$58,248	N/A	\$0
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE	93.928		YALE UNIVERSITY KENTUCKY CABINET FOR HEALTH	GR111470 (CON-80002754)		\$18,118	\$58,248	N/A	\$0 \$0
HIV PREVENTION ACTIVITIES_HEALTH DEPARTMENT BASED	93.940		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 728 2000003140		\$98,108	\$148,280	N/A	,
HIV PREVENTION ACTIVITIES_HEALTH DEPARTMENT BASED	93.940		AND FAMILY SERVICES	PON2 728 2100002802		\$50,172	\$148,280	N/A	\$0
HUMAN IMMUNODEFICIENCY VIRUS (HIV)/ACQUIRED			KENTUCKY CABINET FOR HEALTH						
IMMUNODEFICIENCY VIRUS SYNDROME (AIDS) SURVEILLANCE	93.944		AND FAMILY SERVICES	PON2 728 2000003140		\$168,022	\$168,022	N/A	\$0
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND			KENTUCKY CABINET FOR HEALTH						4.
CONTROL	93.945		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 728 2000003610		\$128,152	\$128,152	N/A	\$0
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 729 2000002761		\$67,054	\$390,904	N/A	\$0
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		AND FAMILY SERVICES KENTUCKY CABINET FOR HEALTH	PON2 729 2000002766		\$321,686	\$390,904	N/A	\$0
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		AND FAMILY SERVICES	PON2 729 2100000884		\$2,115	\$390,904	N/A	\$0
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	SAMHSA012021		\$49	\$390,904	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002736		\$577,160	\$649,449	RESEARCH AND DEVELOPMENT	\$269,974,427
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002766		\$25,535	\$649,449	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE			KENTUCKY CABINET FOR HEALTH						
ABUSE	93.959		AND FAMILY SERVICES	PON2 729 2100000884		\$46,754	\$649,449	N/A	\$0
PPHF GERIATRIC EDUCATION CENTERS	93.969		UNIVERSITY OF LOUISVILLE	ULRF_19-0740A3-05		\$10,000	\$10,000	N/A	\$0
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002213		\$73,800	\$188,987	N/A	\$0
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 729 2000002766		\$115,187	\$188,987	N/A	\$0
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989		UNIVERSITY OF CALIFORNIA, BERKELEY	00010225		\$101,252	\$101,252	RESEARCH AND DEVELOPMENT	\$269,974,427
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000001516		\$5,940	\$552,068	N/A	\$0
5,,,,,,,,	33.334		AND I AMILE SERVICES	. 5/42 / 20 200001510		75,540	JJJ2,008	N/A	30

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE		• • • • • • • • • • • • • • • • • • • •	KENTUCKY CABINET FOR HEALTH	-		•			
STATES	93.994		AND FAMILY SERVICES	PON2 728 2000001569		\$377,352	\$552,068	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 728 2000001688		\$149,239	\$552,068	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		KENTUCKY CABINET FOR HEALTH AND FAMILY SERVICES	PON2 767 2000002634		\$19,537	\$552,068	N/A	\$0
ACCUSTED OUTDATISHIT TOSATA ASAIT	93.997		KENTUCKY CABINET FOR HEALTH	DOM 2 220 2400000042		6447.200	\$117,369	RESEARCH AND DEVELOPMENT	\$269,974,427
ASSISTED OUTPATIENT TREATMENT DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.997 93.RD	395-101780-Z19342	AND FAMILY SERVICES WAKE FOREST UNIVERSITY	PON2 729 2100000942 395-101780-Z19342		\$117,369 \$278,047	\$117,369	RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
DEFINITION OF NEXT THAT HOW IN SERVICES CONTINUE.	33.112	333 101700 213342	Wille Follest Officers	333 101700 213342		φ270,047	<i>\$3,233,033</i>	HESE WELL BEVELOW WELL	9203,374,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	5112312	UNIVERSITY OF NORTH CAROLINA	5112312		\$240,803	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	5119572	UNIVERSITY OF NORTH CAROLINA	5119572		\$11,904	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	75D30118C01230				\$49,790	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	75D30118C03568			\$127,327	\$131,704	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	75D30119C06228			Å400 F40	\$68,263	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD 93.RD	75D30120C08908 75D30120C09531			\$189,540	\$251,317 \$159,795	\$5,239,095 \$5,239,095	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
					do 405				
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD 93.RD	COVID-19, 75D30120C09531 ACTIV-1	DUKE UNIVERSITY	ACTIV-1	\$8,406	\$215,962 \$9,259	\$5,239,095 \$5,239,095	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$269,974,427 \$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	CF-301-105	CONTRAFECT CORPORATION	CF-301-105		\$3,513	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	HHSF223201710120C				\$227,752	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	MRNA-1273-P204	PPD INVESTIGATOR SERVICES LLC	MRNA-1273-P204		\$989,951	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	NICHD 2015 SIL02	DUKE UNIVERSITY	NICHD 2015 SIL02		\$3,850	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	POX-MVA-031	BAVARIAN NORDIC	POX-MVA-031		\$79,236	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	ULRF 18-0016D-02	UNIVERSITY OF LOUISVILLE	ULRF 18-0016D-02		\$2,208	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	ULRF 18-0016E-02	UNIVERSITY OF LOUISVILLE JANSSEN VACCINES AND	ULRF 18-0016E-02		\$2,209	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD	VAC31518COV3001	PREVENTION BV	VAC31518COV3001	\$770,921	\$2,366,276	\$5,239,095	RESEARCH AND DEVELOPMENT	\$269,974,427
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.RD 93.U01	WORK ORDER 1 75F40121C00061	CERUS CORPORATION	WORK ORDER 1		\$147,256 \$68,670	\$5,239,095 \$68,670	RESEARCH AND DEVELOPMENT N/A	<i>\$269,974,427</i> \$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U02	75N91019F00129				\$69,366	\$69,366	N/A	\$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U03	75N91020F00001				\$79,678	\$79,678	N/A	\$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U04	75N91021F00001				\$145,993	\$145,993	N/A	\$0
			NATIONAL ASSOCIATION OF COUNCILS ON DEVELOPMENTAL						
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U05	75P00121C00067	DISABILITIES	75P00121C00067		\$27,325	\$27,325	N/A	\$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U06	HHSF223201810064C				\$12,847	\$12,847	N/A	\$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U07	HHSN26100001				\$2,727,068	\$2,727,068	N/A	\$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U08	SAMHSA062021	ALTABUMA MICTITUTE	55.47.044		\$750	\$750	N/A	\$0
DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT DEPARTMENT OF HEALTH AND HUMAN SERVICES CONTRACT	93.U09 93.U10	SC-17-011 COVID-19, SUB00002455	ALTARUM INSTITUTE UNIVERSITY OF GEORGIA	SC-17-011 SUB00002455		\$146,779 \$184,848	\$146,779 \$184,848	N/A N/A	\$0 \$0
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES	33.010	20112 13,30200002433	ONVERSIVE OF GEORGIA	30300002433	\$20,076,823	\$303,669,157	\$104,040	7477	ĢC
SOCIAL SECURITY ADMINISTRATION					\$20,070,023				
SOCIAL SECURITY STATE GRANTS FOR WORK INCENTIVES ASSISTANCE TO DISABLED BENEFICIARIES	96.009		KENTUCKY JUSTICE AND PUBLIC SAFETY CABINET	PON2 515 2000003392		\$389,607	\$396,347	N/A	\$0
SOCIAL SECURITY STATE GRANTS FOR WORK INCENTIVES	30.003		KENTUCKY JUSTICE AND PUBLIC	FUN2 313 20000033392		\$303,007	3330,347	NyA	٥٤
ASSISTANCE TO DISABLED BENEFICIARIES	96.009		SAFETY CABINET	PON2 515 2200000612		\$6,740	\$396,347	N/A	\$0
TOTAL SOCIAL SECURITY ADMINISTRATION						\$396,347			
DEPARTMENT OF HOMELAND SECURITY						\$350,547			
			KENTUCKY GENERAL GOVERNMENT						
FLOOD MITIGATION ASSISTANCE	97.029		CABINET	PON2 095 1900004330		-\$2,376	\$449,674	N/A	\$0
FLOOD MITIGATION ASSISTANCE	97.029		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 095 2000002306		\$20,056	\$449,674	N/A	\$0
FLOOD MITIGATION ASSISTANCE	97.029		KENTUCKY GENERAL GOVERNMENT CABINET	PON2 095 2100001145		\$171,481	\$449,674	N/A	\$0
FLOOD MITIGATION ASSISTANCE	97.029		KENTUCKY GENERAL GOVERNMENT CARINET	PON2 095 2100001958		\$191,839	\$449,674	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT CABINET						
FLOOD MITIGATION ASSISTANCE	97.029		KENTUCKY GENERAL GOVERNMENT	PON2 095 2200000226		\$68,674	\$449,674	N/A	\$0
HAZARD MITIGATION GRANT	97.039		CABINET	PON2 095 2100003410		\$23,683	\$73,104	RESEARCH AND DEVELOPMENT	\$269,974,427

	Federal CFDA	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
			KENTUCKY GENERAL GOVERNMENT						
HAZARD MITIGATION GRANT	97.039		CABINET	PON2 095 2000004355		\$49,421	\$73,104	N/A	\$0
ASSISTANCE TO FIREFIGHTERS GRANT	97.044					\$1,317	\$1,317	N/A	\$0
			KENTUCKY GENERAL GOVERNMENT						
PRE-DISASTER MITIGATION	97.047		CABINET	PON2 095 2100000540		\$67,772	\$77,234	RESEARCH AND DEVELOPMENT	\$269,974,427
			KENTUCKY GENERAL GOVERNMENT						
PRE-DISASTER MITIGATION	97.047		CABINET	PON2 095 2100002126		\$9,462	\$77,234	RESEARCH AND DEVELOPMENT	\$269,974,427
TOTAL DEPARTMENT OF HOMELAND SECURITY									
					<u>_</u>	\$601,329			
TOTAL EXPENDITURE OF FEDERAL AWARDS					\$28,635,538	\$690,649,568			

The accompanying notes are an integral part of this Schedule

A Component Unit of the Commonwealth of Kentucky Notes to the Schedule of Expenditures of Federal Awards Year Ended June 30, 2022

Notes to Schedule

- 1. The accompanying Schedule of Expenditures of Federal Awards (Schedule) includes the federal award activity of the University of Kentucky (University) under programs of the federal government for the year ended June 30, 2022. 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 net position, changes in net position or cash flows of the University.
- 2. 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 in the U.S. Office of Management and Budget Circular A-21, Cost Principles for Educational Institutions, or the cost principles contained in the 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. 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.
- 3. The federal loan programs listed subsequently are administered directly by the University, and balances and transactions relating to these programs are included in the 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, 2022, consists of:

Assistance Listing Number	Program Name	Outstanding Balance at June 30, 2022		
84.038	Federal Perkins Loan program	\$	9,195,259	
93.264	Nurse Faculty Loan program	,	37,460	
93.342	Health professions student loans, including primary care loans/loans for disadvantaged students	_	4,122,043	
	Total student loans outstanding	\$	13,354,762	



600 N. Hurstbourne Parkway, Suite 350 / Louisville, KY 40222 **P** 502.581.0435 / **F** 502.581.0723 **forvis.com**

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, 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, 2022, 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 7, 2022. Our report includes a reference to other auditors who audited the financial statements of Kentucky Medical Services Foundation, Inc. (KMSF), as described in our report on the University's financial statements. The financial statements of KMSF 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 or that are reported on separately by those auditors who audited the financial statements of KMSF.

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.



Board of Trustees University of Kentucky Page 2

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 7, 2022



600 N. Hurstbourne Parkway, Suite 350 / Louisville, KY 40222 **P** 502.581.0435 / **F** 502.581.0723 **forvis.com**

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 OMB *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, 2022. 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, 2022.

Basis for Opinion on Each 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.



Board of Trustees University of Kentucky Page 2

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.

Report on Internal Control Over Compliance

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

Board of Trustees University of Kentucky Page 3

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. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

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.

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, 2022, 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 7, 2022, which contained unmodified opinions on those financial statements. Our audit was performed for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements as a whole. 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 GAAS. 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 November 23, 2022

A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs Year Ended June 30, 2022

Section I – Summary of Auditor's Results

Financial Statements

1.	Type of report the auditor issued on whether the financial statem accordance with GAAP:	ents audited we	ere prepared in
		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
Fed	eral 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 ☐ I	Disclaimer	
6.	Any audit findings disclosed required to be reported by 2 CFR 200.516(a)?	☐ Yes	⊠ No

A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2022

7. The University's major programs were:

	Cluster/Program	Assis	tance Listing Number
	Student Financial Assistance Cluster	93.342,	93.264, 84.268, 84.038,
		93.925,	84.063, 84.033, 84.007
	CCDF Cluster		93.575
	Epidemiology and Laboratory Capacity for Infectious Diseases		93.323
	Education Stabilization Fund		84.425
	Rural Health Research Centers		93.155
	Injury Prevention and Control Research and State and		93.136
	Community Based Programs		
	Smith-Lever 3(b) and 3(c), Smith-Lever Special Needs, and		10.511
	University of District of Columbia Public Postsecondary		
	Education Reorganization Act Program		
	Maternal Child Health Federal Consolidated Programs		93.110
8.	Dollar threshold used to distinguish between Type A and Type B pro	grams wa	s \$3,000,000.
9.	Auditee qualified as a low-risk auditee?	₹ Yes	□No

A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2022

Section II – Fin	ancial Statement Findings
Reference Number	Finding
	No matters are reportable.
Section III – Fe	deral Award Findings and Questioned Costs
Reference Number	Finding

No matters are reportable.

A Component of the Commonwealth of Kentucky Summary Schedule of Prior Audit Findings Year Ended June 30, 2022

Reference		
Number	Summary of Finding	Status

No matters are reportable.