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, 2015



A Component Unit of the Commonwealth of Kentucky Single Audit Reports and Schedule of Expenditures of Federal Awards Year Ended June 30, 2015

Contents

Schedule of Expenditures of Federal Awards	1
Notes to Schedule of Expenditures of Federal Awards	22
Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance With Government Auditing Standards	26
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 OMB Circular A-133 – Independent Auditor's Report	28
Schedule of Findings and Questioned Costs	31
Summary Schedule of Prior Audit Findings	33

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
RESEARCH AND DEVELOPMENT CLUSTER			
Agricultural Research Basic and Applied Research		10.001	922,251
US Department of Agriculture Contract	12-CS-11221637-133	10.12-CS-11221637-133	86,222
US Department of Agriculture Contract	14-PA-11080222-001	10.14-PA-11080222-001	6,986
Federal-State Marketing Improvement Program		10.156	19,265
Farmers' Market and Local Food Promotion Program		10.168	50,353
Through Kentucky Specialty Grains LLC	USDA092013-1	10.170	2,773
Through Kentucky General Government Cabinet	PON2 035 1200000903	10.170	(68)
Through Kentucky General Government Cabinet	PON2 035 1200000906	10.170	(33)
Through Kentucky General Government Cabinet	PON2 035 1200000907	10.170	(984)
Through Kentucky General Government Cabinet	PON2 035 1300001314	10.170	8,173
Through Kentucky General Government Cabinet	PON2 035 1400000841	10.170	26,963
Through Kentucky General Government Cabinet	PON2 035 1500000953	10.170	7,828
Through Iowa State University	416-30-18A	10.170	59,919
Through Brigham Young University	12-0352	10.170	5,300
Through University of Florida	1400281505	10.200	4,752
Through University of Florida	1500343420	10.200	9,877
Through Iowa State University	416-30-05A	10.200	1,148
Cooperative Forestry Research		10.202	718,314
Payments to Agricultural Experiment Stations Under the Hatch Act		10.203	5,796,135
Payments to Agricultural Experiment Stations Under the Hatch		10.203	251,834
Animal Health and Disease Research		10.207	84,166
Through University of Georgia	RD309-122/4940686	10.215	1,359
Through University of Georgia	RD309-122/4941256	10.215	70,312
Through University of Georgia	RD309-122/4944366	10.215	10,242
Through University of Georgia	RD309-122/4944796	10.215	2,395
Through University of Georgia	RD309-129/S000677	10.215	4,379
Through American Livestock Breeds Conservancy	RD309-117/4893656	10.215	2,182
Through Purdue University	8000058251-AG	10.217	26,900
Biotechnology Risk Assessment Research		10.219	79,388
Through University of Illinois	2012-00593-01	10.250	37,800
Agricultural and Rural Economic Research, Cooperative Agreement		10.250	24,979
Through Washington State University	121310_G003264	10.303	17,735
Through University of Florida	UFDSP00010243	10.304	27,174
Through Rutgers University	4826 S1758552 4351510414	10.307	38,085
Through Clemson University	1761-207-2020386	10.309	24,357
Through West Virginia University	11-708-UKRF	10.310	11,176
Through University of Connecticut	KFS #5614250	10.310	6,416
Through University of California, Davis	201015718-14	10.310	53,838
Through Pennsylvania State University	4382-UK-USDA-0017	10.310	64,541
Through Mississippi State University	012000.322484.01	10.310	43,313
Through Louisiana State University	87288	10.310	26,488
Through Kansas State University	S13166	10.310	53,110
Through Kansas State University	S15182	10.310	2,262
Through Auburn University	13-AGR-373036-UKY	10.310	4,460
Agriculture and Food Research Initiative (AFR)		10.310	3,105,168
Biomass Research and Development Initiative Competitive Grants		10.312	528,435
Through North Carolina State University	2013-1814-01	10.320	21,342
Through Michigan State University	RC103176H	10.500	27,344

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Cooperative Extension Service		10.500	14,775
Rural Child Poverty Nutrition Center		10.549	30,809
Forestry Research		10.652	45,070
Through National Fish and Wildlife Foundation	1905.14.041345	10.664	121,27
Through Slow the Spread Foundation	15-01-02	10.680	68
Forest Health Protection		10.680	13,654
Soil Survey		10.903	45,71
Through University of Tennessee	8500025673	10.912	35,89
Through National Fish and Wildlife Foundation	0601.14.047595	10.912	15,243
Environmental Quality Incentives Program		10.912	115,16
Conservation Stewardship Program		10.924	5,189
Through Kentucky Highlands Investment Corp	EDA 04-79-06480	11.307	38,16
Through Science and Technology Corp	14-03-9030-0003	12.14-03-9030-0003	62,89
Through Enomalies LLC	ONR022014	12.300	21,192
Basic and Applied Scientific Research		12.300	536,022
Through Eastern Kentucky University	452963-15-238	12.401	6,69
Military Medical Research and Development		12.420	288,555
Through Henry M Jackson Foundation	2519	12.420	7,39
Through Denver Research Institute	005-03	12.420	19,602
Through Tulane University	TUL-590-09/10	12.431	244,01
Basic Scientific Research		12.431	350,74
Basic, Applied, and Advanced Research in Science and Engineering		12.630	36,17
Through Materials Sciences Corp	6658-SD26	12.6658-SD26	52
Through Materials Sciences Corp	7258-SD21-141-05	12.7258-SD21-141-05	25,63
Through Materials Sciences Corp	7271-SD21-141-02-01	12.7271-SD21-141-02-01	20,39
Through Materials Sciences Corp	7463-SD28	12.7463-SD28	12,62
Through Henry M Jackson Foundation	2894 PO 835604 306516	12.750	6,35
Through Materials Sciences Corp	7801-SD29	12.7801-SD29	41,56
Mathematical Sciences Grants Program		12.901	30,67
Through VSee Lab	DOD092009	12.910	49,99
Research and Technology Development		12.910	178,61
Through AeroDynamic Solutions Inc	DOD102014	12.DOD102014	13,50
Through ObjectVideo Inc	FA8650-12-C-7212	12.FA8650-12-C-7212	85,325
Through ObjectVideo Inc	FA8650-12-C-7212-UKY-SUB	12.FA8650-12-C-7212-UKY-SU	JB 1,67
Department of Defense Contract	N00189-14-P-1197	12.N00189-14-P-1197	38,01
Through Wake Forest University	N66001-02-C-8058	12.N66001-02-C-8058	(42)
Through Nanowise LLC	ONR 122014	12.ONR 122014	18,159
Through Charles River Analytics Inc	SC1208901	12.SC1208901	56,71
Through Physical Sciences Inc	SC67158-1869-002	12.SC67158-1869-002	2,50
Through Brockington and Associates Inc	W912EP-13-F-0020	12.W912EP-13-F-0020	73,50
Department of Defense Contract	W912P5-14-P-0014	12.W912P5-14-P-0014	96,45
Through Wake Forest University	WFUHS 330974	12.WFUHS 330974	340,550
Central Intelligence Agency	2011-11070800001	13.2011-11070800001	20,81
Through Louisville Metro Housing Authority	HUD042014	14.866	42,01
Through Louisville Metro Housing Authority	HUD042215	14.866	27,50
Wildland Fire Research and Studies Program	· · · - ·	15.232	(87)
Through Eastern Kentucky University	452945-15-203	15.232	12,469
Through University of Wyoming	1001541-DAVIS	15.252	219,774
Science and Technology Projects Related to Coal Mining and	100 TO TI DAVIO	15.255	107,174
Reclamation		10.200	107,174

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Tourism Arts and Heritage Cabinet	PON2 660 1400003235	15.611	139,517
Through Kentucky Tourism Arts and Heritage Cabinet	PON2 660 1400003252	15.611	27,500
Assistance to State Water Resources Research Institutes		15.805	99,671
Earthquake Hazards Research and Monitoring Assistance		15.807	69,183
Through University of Southern California	Y82308	15.808	11,550
U.S. Geological Survey Research and Data Collection		15.808	120,524
National Cooperative Geologic Mapping Program		15.810	180,553
Technical Preservation Services		15.915	58,865
Cooperative Research and Training Programs - Resources of the National Park System		15.945	116,376
Through Mammoth Cave National Park	H5530060064	15.H5530060064	(48)
Through Kentucky Justice and Public Safety Cabinet	PON2 500 1500001030	16.550	5,577
National Institute of Justice Research, Evaluation and Development Through Kentucky Administrative Office of the Courts	PO2 025 0600004985	16.560 16.585	124,868 (63)
Through Kentucky Justice and Public Safety Cabinet	PON2 500 1500001089	16.735	11,252
Harold Rogers Prescription Drug Monitoring Program	PON2 500 1500001089	16.754	96,827
Department of Justice Contract	A30TD6067	16.A30TD6067	(122)
Through National Academy of Sciences	SUB0000589	20.200	130,758
Through Louisiana Department of Transportation and Development	14-3PF / 30001422	20.200	20,857
Through Ohio Department of Transportation	134988 / 26594	20.205	37,411
Through Kentucky Transportation Cabinet	FRT 159	20.205	43,761
Through Kentucky Transportation Cabinet	FRT 160	20.205	45,323
Through Kentucky Transportation Cabinet	FRT 179	20.205	21,105
Through Kentucky Transportation Cabinet	FRT 191 TRACY LOVELL	20.205	(680)
Through Kentucky Transportation Cabinet	FRT 198	20.205	63,733
Through Kentucky Transportation Cabinet	FRT 200	20.205	22,007
Through Kentucky Transportation Cabinet	FRT 201	20.205	64,557
Through Kentucky Transportation Cabinet	FRT 2013	20.205	136
Through Kentucky Transportation Cabinet	FRT 2015	20.205	34,343
Through Kentucky Transportation Cabinet	FRT 202	20.205	73,448
Through Kentucky Transportation Cabinet	FRT 204	20.205	1,357
Through Kentucky Transportation Cabinet	RSF 20	20.205	(1,159)
Through Kentucky Transportation Cabinet	RSF 30	20.205	17
Through Kentucky Transportation Cabinet	RSF 45	20.205	41,130
Through Kentucky Transportation Cabinet	RSF 48	20.205	43,246
Through Kentucky Energy and Environment Cabinet	LA 10-JLH	20.205	424
Through Kentucky Energy and Environment Cabinet	LA 13A-JLH	20.205	110,867
Through Kentucky Energy and Environment Cabinet	LA 19-JLH	20.205	29,625
Through Kentucky Energy and Environment Cabinet	LA 1-MSN	20.205	31,043
Through Kentucky Energy and Environment Cabinet	LA 6-DBD	20.205	3,075
Through Kentucky Energy and Environment Cabinet	LA 7-DBD	20.205	6,695
Through Kentucky Energy and Environment Cabinet	LA 8-DBD	20.205	3,405
Through ARRA-Kentucky Energy and Environment Cabinet	LA 36-JLH	20.205	(30)
Through ARRA-Kentucky Energy and Environment Cabinet	LA 9-JLH	20.205	5,557
Through Kentucky Transportation Cabinet	RSF 35	20.231	144,835
Through Kentucky Transportation Cabinet	RSF 42	20.231	201,830
Through Kentucky Transportation Cabinet	RSF 49	20.231	29,139
Through Kentucky Transportation Cabinet	RSF 36	20.237	104,369
Through Kentucky Transportation Cabinet	RSF 38	20.237	42,156
Through Kentucky Transportation Cabinet	RSF 39	20.237	114,086

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Transportation Cabinet	RSF 41	20.237	33,311
Through Kentucky Transportation Cabinet	RSF 43	20.237	84,793
Through Kentucky Transportation Cabinet	RSF 46	20.237	62,152
Through Kentucky Transportation Cabinet	RSF 47	20.237	24,060
Through Kentucky Transportation Cabinet	FRT 205	20.505	8,490
Through Kentucky Transportation Cabinet	FRT 206	20.505	2,145
Through Kentucky Transportation Cabinet	FRT 208	20.505	29,746
Through Kentucky Transportation Cabinet	PLANNING STUDY 20	20.505	394
Through Kentucky Transportation Cabinet	PLANNING STUDY 22	20.505	46,810
Through Kentucky Transportation Cabinet	PLANNING STUDY 23	20.505	(110
Through Kentucky Transportation Cabinet	PLANNING STUDY 24	20.505	28,365
Through Kentucky Transportation Cabinet	PLANNING STUDY 25	20.505	68,866
Through Kentucky Transportation Cabinet	PLANNING STUDY 26	20.505	3,214
Through Kentucky Transportation Cabinet	PLANNING STUDY 27	20.505	144,921
Through Kentucky Transportation Cabinet	RSF 44	20.505	219,469
Through Kentucky Transportation Cabinet	RSS 16	20.505	109,407
Through Kentucky Transportation Cabinet	SPR 11-416	20.505	9,783
Through Kentucky Transportation Cabinet	SPR 11-423	20.505	2,750
Through Kentucky Transportation Cabinet	SPR 12-445	20.505	42,481
Through Kentucky Transportation Cabinet	SPR 13-458	20.505	65,291
Through Kentucky Transportation Cabinet Through Kentucky Transportation Cabinet	SPR 13-463	20.505	50,151
	SPR 13-464	20.505	·
Through Kentucky Transportation Cabinet			9,981
Through Kentucky Transportation Cabinet	SPR 13-465	20.505	2,750
Through Kentucky Transportation Cabinet	SPR 14-468	20.505	49,932
Through Kentucky Transportation Cabinet	SPR 14-469	20.505	68,208
Through Kentucky Transportation Cabinet	SPR 14-470	20.505	134,990
Through Kentucky Transportation Cabinet	SPR 14-471	20.505	59,783
Through Kentucky Transportation Cabinet	SPR 14-472	20.505	43,790
Through Kentucky Transportation Cabinet	SPR 14-473	20.505	72,910
Through Kentucky Transportation Cabinet	SPR 14-474	20.505	14,986
Through Kentucky Transportation Cabinet	SPR 14-475	20.505	68,439
Through Kentucky Transportation Cabinet	SPR 14-476	20.505	44,980
Through Kentucky Transportation Cabinet	SPR 14-477	20.505	19,490
Through Kentucky Transportation Cabinet	SPR 14-478	20.505	59,986
Through Kentucky Transportation Cabinet	SPR 14-479	20.505	92,786
Through Kentucky Transportation Cabinet	SPR 14-480	20.505	65,302
Through Kentucky Transportation Cabinet	SPR 14-481	20.505	51,089
Through Kentucky Transportation Cabinet	SPR 14-482	20.505	81,929
Through Kentucky Transportation Cabinet	SPR 14-483	20.505	65,020
Through Kentucky Transportation Cabinet	SPR 14-484	20.505	126,348
Through Kentucky Transportation Cabinet	SPR 14-485	20.505	97,739
Through Kentucky Transportation Cabinet	SPR 14-486	20.505	61,402
Through Kentucky Transportation Cabinet	SPR 14-489	20.505	34,987
Through Kentucky Transportation Cabinet	SPR 14-490	20.505	46,898
Through Kentucky Transportation Cabinet	SPR 14-492	20.505	83,451
Through Kentucky Transportation Cabinet	SPR 14-56	20.505	9,884
Through Kentucky Transportation Cabinet	SPR 15-493	20.505	51,046
Through Kentucky Transportation Cabinet	SPR 15-494	20.505	53,450
Through Kentucky Transportation Cabinet	SPR 15-495	20.505	59,927
Through Kentucky Transportation Cabinet	SPR 15-496	20.505	39,246

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITI		CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Transportation Cabinet	SPR 15-497	20.505	54,838
Through Kentucky Transportation Cabinet	SPR 15-498	20.505	36,782
Through Kentucky Transportation Cabinet	SPR 15-499	20.505	28,832
Through Kentucky Transportation Cabinet	SPR 15-500	20.505	49,973
Through Kentucky Transportation Cabinet	SPR 15-501	20.505	160,613
Through Kentucky Transportation Cabinet	SPR 15-502	20.505	74,935
Through Kentucky Transportation Cabinet	SPR 15-503	20.505	8,973
Through Kentucky Transportation Cabinet	SPR 15-504	20.505	59,996
Through Kentucky Transportation Cabinet	SPR 15-505	20.505	69,261
Through Kentucky Transportation Cabinet	SPR 15-506	20.505	64,876
Through Kentucky Transportation Cabinet	SPR 15-507	20.505	66,363
Through Kentucky Transportation Cabinet	SPR 15-508	20.505	59,130
Through Kentucky Transportation Cabinet	SPR 15-509	20.505	49,932
Through Kentucky Transportation Cabinet	SPR 15-51	20.505	82,917
Through Kentucky Transportation Cabinet	SPR 15-510	20.505	39,881
Through Kentucky Transportation Cabinet	SPR 15-511	20.505	15,822
Through Kentucky Transportation Cabinet	SPR 15-512	20.505	5,674
Through Kentucky Transportation Cabinet	SPR 15-56	20.505	118,724
Through Kentucky Transportation Cabinet	SPR 15-57	20.505	83,197
Through Kentucky Transportation Cabinet	SPR 15-58	20.505	119,804
Through Kentucky Transportation Cabinet	SPR 85-107	20.505	119,125
Through Kentucky Transportation Cabinet	SPR-14-491	20.505	20,610
Through Kentucky Office of Highway Safety	K9-15-03	20.600	25,907
Through Kentucky Office of Highway Safety	K9-15-04	20.600	16,143
Through Kentucky Office of Highway Safety	K9-15-05	20.600	34,130
Through Kentucky Office of Highway Safety	M3-15-04	20.600	40,290
Through Kentucky Office of Highway Safety	P02 625 1500000771	20.600	23,236
Through Kentucky Office of Highway Safety	PO2 625 1300001491	20.600	447
Through Kentucky Office of Highway Safety	PO2 625 1400000505	20.600	49,232
Through Kentucky Office of Highway Safety	PO2 625 1400002032	20.600	42,882
Through Kentucky Office of Highway Safety	PO2 625 1500000593	20.600	37,998
Through Kentucky Office of Highway Safety	PO2 625 1500000768	20.600	54,810
Through Kentucky Office of Highway Safety	PON2 605 1400001939	20.600	39,939
Through Kentucky Office of Highway Safety	RS-15-01	20.600	17,853
Through Kentucky Office of Highway Safety	K9-14-06	20.610	15,966
Through Kentucky Office of Highway Safety	PO2 625 1400001012	20.610	31,266
	PO2 625 1400001012 PO2 625 1400001013	20.610	
Through Kentucky Office of Highway Safety			14,610
Through Kentucky Office of Highway Safety	PO2 625 1400001015	20.610	52,988
Through Kentucky Office of Highway Safety	PO2 625 1400002605	20.610	28,184
Through University of Tennessee	13-KY-E1	20.701	35,331
Through University of Tennessee	13-KY-RESEARCH DIRECTOR	20.701	58,428
Through University of Tennessee	13-KY-SAFETY COURSE	20.701	1,603
Through University of Tennessee	13-UKY-MRI1	20.701	21,674
Through University of Tennessee	13-UKY-MRI2	20.701	103,927
Through University of Tennessee	13-UKY-MRI4	20.701	62,375
Through University of Tennessee	13-UKY-OE1	20.701	43,516
Through University of Illinois	2012-02061-01	20.701	(7,250
Through University of Illinois	2013-05178-04	20.701	111,057
Through Marshall University Research Corporation	2012-087/212134	20.701	176,629
Through Marshall University Research Corporation	2013-134/212134	20.701	41,802

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITL	PASS-THROUGH ENTITY IDENTIFYING E NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Texas A&M University	99-S120211	20.99-S120211	16,474
Through National Academy of Sciences	HR 14-30	20.HR 14-30	92,759
Through Kentucky Energy and Environment Cabinet	LA 24-MSN	20.LA 24-MSN	(5
Through Transportation Research Board	SUB0000610	20.SUB0000610	28,555
Through KLS Engineering LLC	T5003-2014-01	20.T5003-2014-01	35,153
Appalachian Research, Technical Assistance and Demonstration		23.011	144,336
Through University of Georgia	RR185-448/4944486	43.001	(160
Science		43.001	800,117
Space Operations		43.007	21,087
Education		43.008	896,279
Through Space Telescope Science Institute	HST-AR-12639.01-A	43.HST-AR-12639.01-A	21,238
Through Space Telescope Science Institute	HST-AR-13245.01-A	43.HST-AR-13245.01-A	19,704
Through Space Telescope Science Institute	HST-AR-13914.001-A	43.HST-AR-13914.001-A	8
Through Space Telescope Science Institute	HST-GO-12060.80-A	43.HST-GO-12060.80-A	1,320
Through Space Telescope Science Institute	HST-GO-12560.01-A	43.HST-GO-12560.01-A	8,199
Through Space Telescope Science Institute	HST-GO-13310.002-A	43.HST-GO-13310.002-A	6,825
Through Space Telescope Science Institute	HST-GO-13310.004-A	43.HST-GO-13310.004-A	8,527
National Aeronautics Space Commission Contract	NNX10AL96H	43.NNX10AL96H	153,123
National Aeronautics Space Commission Contract	NNX10AN01A	43.NNX10AN01A	(1,734
National Aeronautics Space Commission Contract	NNX10AV39A	43.NNX10AV39A	3,556
National Aeronautics Space Commission Contract	NNX14AC93A	43.NNX14AC93A	2,841
Through PC Krause and Associates Inc	PCK_UKY13CC80C_001	43.PCK_UKY13CC80C_001	41,950
Through Western Kentucky University	WKU 516140-02-02	43.WKU 516140-02-02	(787
Through Kentucky Humanities Council Inc	2014-009	45.129	1,087
Through Tribo Flow Separations LLC	IIP-1345473	47.041	9,494
Through ParaTechs Corp	IIP - 1415524	47.041	65,456
Through Hummingbird Nano Inc	NSF 072014	47.041	43,484
Engineering Grants		47.041	1,920,991
Through University of Louisville	ULRF 11-0817-02	47.049	30,859
Through University of Colorado	1550869	47.049	102,805
Through National Radio Astronomy Observatory	AST-0836064	47.049	4,252
Through NACC/University of Washington	PHY-1337542	47.049	7,821
Mathematical and Physical Sciences		47.049	2,755,312
Through California Institute of Technology	42B-1095256	47.049	27,654
Geosciences		47.050	243,603
Through Consortium for Ocean Leadership	BA-112	47.050	(123
Through California Institute of Technology	66B-1095713	47.050	31,484
Through Indiana University	BL-4529718-UK	47.070	21,033
Computer and Information Science and Engineering		47.070	1,358,931
Through BBN Technologies	9500009448	47.070	41,360
Through BBN Technologies	9500012007	47.070	149,448
Through BBN Technologies	9500012008	47.070	118,147
Through BBN Technologies	9500012129	47.070	134,964
Through University of Delaware	27181	47.074	17,367
Through Kansas State University	S12051	47.074	67,266
Through Duke University	14-NSF-1049	47.074	84,451
Through Duke University	EF-0830093	47.074	(771
Through Council on Undergraduate Research	Q01	47.074	22,424
Biological Sciences		47.074	2,484,240

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER I	FEDERAL EXPENDITURES
Through American Society for Biochemistry and Molecular	NSF072014	47.074	996
Biology Social, Behavioral and Economic Sciences		47.075	695,591
Through Ohio State University	60027792-01	47.075	1,169
Through University of Wisconsin	565K972	47.076	45,625
Through University of Louisville	ULRF08-0891-04	47.076	21,434
Through Tennessee Technological University	1022934	47.076	2,895
Through Purdue University	4101-56007	47.076	6,155
Through Puget Sound Center for Teaching	PSCTLT-SCHEFF-08	47.076	1,003
Through Kennesaw State University	431204-FY15-UK-01	47.076	11,659
Education and Human Resources	401204 1 1 10 OK 01	47.076	1,079,009
Office of International and Integrative Activities		47.079	3,284,292
Office of Cyberinfrastructure		47.080	141,678
Office of Experimental Program to Stimulate Competitive		47.081	277,661
Research		47.001	277,001
Veterans Administration Contract	VA120314	64.VA120314	15,129
Through American Rivers	EPA022013	66.050	109,700
Science To Achieve Results (STAR) Research Program		66.509	637,644
Office of Research and Development Consolidated Research/Training		66.511	7,546
Through University of Southern California	Y82308	81.003	(5,132)
Through Battelle Energy Alliance LLC	0129388	81.0129388	262,657
Through University of Chicago	FP048826	81.049	26,658
Office of Science Financial Assistance Program		81.049	959,538
Through Montana State University	G141-15-W5072	81.049	111,848
Through Green Technology Limited Company	DE-SC0006378	81.049	(27,168)
Through Cornell University	SUBAWARD #: 63079-9708	81.049	96,008
Through South Dakota State University	3TD152	81.079	30,972
Through West Virginia University	10-733-UKRF	81.087	597,048
Through South Dakota State University	3TE153	81.087	(4,299)
Through Virginia Polytechnic Institute and State University	429307-19660	81.089	(184)
Through Novozymes North America Inc	DE-FE0007741	81.089	110,967
Fossil Energy Research and Development		81.089	4,859,030
Through Kentucky Cabinet for Health and Family Services	PO2 728 1200004525	81.104	3,067
Stewardship Science Grant Program		81.112	163,622
Through University of California, Berkeley	00007863	81.135	128,194
Through Texas AgriLife Research	06-570792	81.135	208,229
Through ITN Energy Systems Inc	DE-AR0000260	81.135	221,267
ARRA-Advanced Research Projects Agency - Energy		81.135	1
Environmental Monitoring/Cleanup		81.214	357,165
Through Battelle Memorial Institute	349541	81.349541	120,422
Through Oak Ridge National Laboratory	4000120600	81.4000120600	102,590
Through Oak Ridge National Laboratory	4000130203	81.4000130203	34,100
Through Oak Ridge National Laboratory	4000135313	81.4000135313	42,201
Through Oak Ridge National Laboratory	4000137457	81.4000137457	38,426
Department of Energy Contract	DE-NT0005988	81.DE-NT0005988	21,282
Through KeyLogic Systems Inc	K6000-614	81.K6000-614	20,854
Through Argonne National Laboratory	OF33642/DEAC0206CH111357	81.OF33642/DEAC0206CH1113	6,937
Through Leonardo Technologies Inc	S196-KEN-PPM4002	81.S196-KEN-PPM4002	328,619
Through Leonardo Technologies Inc	S198-KEN-PPM4002	81.S198-KEN-PPM4002	595,353
Through General Motors Research	TCS68344 PR3731RY 001	81.TCS68344 PR3731RY 001	42,067
Through Battelle Memorial Institute	US001-0000378113	81.US001-0000378113	25,022

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1500000485	84.126	39,540
National Institute on Disability and Rehabilitation Research		84.133	39,945
Through Gallaudet University	0000021918	84.133	1,610
Education Research, Development and Dissemination		84.305	376,043
Through University of South Carolina	12-2108 PO#42179	84.324	31,000
Research in Special Education		84.324	51,917
Through American Printing House for the Blind	DOE022014	84.327	9,619
Through Kentucky Education and Workforce Development Cabinet	M-04125856	84.357	(57
Through Georgetown College	T365Z120064	84.365	75,098
Through Ohio State University	60042250 PO RF01347515	93.077	5,076
Through Ohio State University	60045996 PO RF01380793	93.077	24,835
Through Kentucky River Community Care Inc	ACF021114	93.087	8,766
Through National Institute for Pharmaceutical Technology	NIPTE-U01-KY-002-2012	93.103	10,320
Food and Drug Administration Research		93.103	3,776,384
Through Boulder Nonlinear Systems Inc	DHHS2013	93.103	49,892
Through University of Louisville	ULRF-12-1074B1-01	93.107	186,021
Through University of North Carolina	5-37946	93.110	29,667
Environmental Health		93.113	3,467,098
Through Columbia University	4(GG005166)	93.113	163
Oral Diseases and Disorders Research		93.121	127,853
Through Health Decision Technologies LLC	NIDCR032014	93.121	114,612
Through Four Tigers LLC	NIDCR012014	93.121	138,133
Through Bluegrass Advanced Materials LLC	NIH 112013	93.121	5,504
Centers for Research and Demonstration for Health Promotion		93.135	760,126
Injury Prevention and Control Research and State and Community Based Programs		93.136	65,741
Through Macro International Co	13EDSK0105	93.13EDSK0105	139,594
NIEHS Superfund Hazardous Substances Basic Research and Education Through University of North Carolina	E020770	93.143 93.172	2,068,596
Through University of North Carolina	5032779		96,230
Through University of Michigan	3001396589	93.173	1,610
Through University of Maryland	1500147 PO SR00003429	93.173	75,970
Research Related to Deafness and Communication Disorders	420000 / DO#2400255257	93.173	654,389
Through Children's Hospital Medical Center	130990 / PO#3100355367	93.173	25
Department of Health and Human Services Contract	200-2009-30678	93.200-2009-30678	98,288
Department of Health and Human Services Contract Department of Health and Human Services Contract	200-2011-40628 200-2013-56808	93.200-2011-40628	216,695
·		93.200-2013-56808	82,469
Department of Health and Human Services Contract	200-2013-M-55678	93.200-2013-M-55678	59,763 155,965
Department of Health and Human Services Contract	200-2014-59922 200-2014-60047	93.200-2014-59922	•
Department of Health and Human Services Contract		93.200-2014-60047	98,970
Through St Louis University Through University of Virginia	208141/039 GB10056 147262	93.208141/039 93.211	(335 9,158
		93.211	•
Through University of Virginia Telehealth Programs	GC12121 144545	93.211	1,982 152,871
	NAPPOCENIY LIKPE 10 01 10	93.211	•
Through Naprogenix AgTeCC	NAPROGENIX-UKRF 10-01-10 NIH 012015	93.213	1,396
Through Naprogenix AgTeCC National Center on Sleep Disorders Research	INITUIZUIJ	93.213	23,845 560,767
	201705		•
Through University of Notre Dame Through The Research Institute at Nationwide Children's Hospital	201705 663412 PO WX00245292	93.242 93.242	31,694 8,883
Mental Health Research Grants		93.242	850,295

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Department of Corrections	PON2 527 1400001542	93.243	88,770
Through Kentucky Cabinet for Health and Family Services	PO2 0600005081 1	93.243	76
Through Kentucky Cabinet for Health and Family Services	PO2 729 1300005602	93.243	(133
Through Kentucky Cabinet for Health and Family Services	PO2 729 1400003849	93.243	42,064
Through Kentucky Cabinet for Health and Family Services	PON2 729 1400000869	93.243	123,784
Department of Health and Human Services Contract	254-2012-M-53283	93.254-2012-M-53283	12,056
Through University of Louisville	02-0806	93.262	(5,308
Occupational Safety and Health Program		93.262	1,394,061
Through Univ. of Mississippi Medical Center	66100080712-UKY01	93.273	10,676
Through Neuropsychiatric Research Institute	51-2028-5033-0	93.273	10,681
Through Naprogenix AgTeCC	2R44AA018266-03A1	93.273	166,330
Through Naprogenix AgTeCC	NAPROGENIX-UKRF-09/05/14	93.273	32,553
Alcohol Research Programs		93.273	2,145,132
Through Kentucky Department of Corrections	PON2 527 1300001431	93.275	(47
Through University of South Carolina	14-2449 PO# 81368	93.279	152,544
Through University of Louisville	ULRF 10-0085	93.279	16,075
Through University of Georgia	RR274-381/4785666	93.279	15,188
Through University of Georgia	RR274-403/4895506	93.279	7,930
Through University of Cincinnati	COEUS 007073-022 5U10DA	93.279	60,707
Through University of Cincinnati	COEUS 007073-026 5U01DA0	93.279	278,079
Through University of Arkansas	39672	93.279	(27
Through Research Triangle Institute	51881L	93.279	48,335
Through New York University School of Medicine	11-00991;PROJECT #265504	93.279	33,651
Through Health Decision Technologies LLC	8533-1 112390-00001-03	93.279	14,396
Drug Abuse and Addiction Research Programs		93.279	10,351,129
Through Boston University	4500000109/4500001301	93.279	83,003
Through AntiOp Inc	NIH052013	93.279	8,836
Through AntiOp Inc	NIH052014	93.279	238,586
Through Kentucky Cabinet for Health and Family Services	PON2 728 1200002278	93.283	(725
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001614	93.283	99,754
Discovery and Applied Research for Technological Innovations		93.286	494,294
Through University of North Texas Health Science Center	RN0080-2013-003	93.307	(568
Minority Health and Health Disparities Research		93.307	662,015
Through Case Western Reserve	RES507038	93.307	79,866
Through University of Michigan CONTRACT ADMINISTRATION - 2044 WOLVER	3000691501-RPT07	93.310	3
Through University of Michigan	3000691501-RPT	93.310	(20,265
Through University of Louisville	ULRF 13-0593A1-01	93.310	15,526
Trans-NIH Research Support		93.310	3,213,748
Through Geisinger Health System	PO 6800415	93.310	140,242
National Center for Advancing Translational Sciences		93.350	4,024,259
Research Infrastructure Programs		93.351	48,150
Nursing Research		93.361	1,312,123
Through Miami University	HERSHBERGER-NIH-UKRF	93.389	23,181
Through University of Miami	ACCT 662484 PO MR82711	93.393	38,760
Through Ohio State University	60044765 PO RF01394578	93.393	1,781
Cancer Cause and Prevention Research		93.393	1,338,690
Cancer Detection and Diagnosis Research		93.394	759,534
Through University of South Florida	6119-1222-30-AY	93.395	8,991
Through University of South Florida	6145-1028-00-C	93.395	46,607
Through The Gynecologic Oncology Group	27469-060	93.395	(49,634

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through SRI International	157-000001	93.395	39,066
Through NSABP Foundation	TIND 182	93.395	5,942
Through NRG Oncology Foundation Inc	NIH062014	93.395	23,867
Through Children's Hospital of Philadelphia	FP00013013_SUB101_01	93.395	6,677
Through Children's Hospital of Philadelphia	FP00013087_SUB100_01	93.395	3,001
Through Children's Hospital of Philadelphia	FP00013744_SUB171_01	93.395	(1
Through Children's Hospital of Philadelphia	FP00015221_SUB44_01	93.395	20,266
Cancer Treatment Research		93.395	1,333,675
Through American College of Radiology	0526	93.395	144,132
Cancer Biology Research		93.396	3,590,356
Cancer Centers Support Grants		93.397	1,594,222
Cancer Research Manpower		93.398	272,426
Cancer Control		93.399	62,854
ACL National Institute on Disability, Independent Living, and Rehabilitation Research		93.433	813
Through Research Triangle Institute	51894L	93.51894L	256,217
Through KentuckyCAN Inc	200-2012-52497	93.521	20,139
Through Kentucky Cabinet for Health and Family Services	PON2 736 1200002220	93.558	(97
Through Kentucky Cabinet for Health and Family Services	PON2 736 1400001230	93.558	5,005,796
Through Eastern Kentucky University	452835-15-160	93.558	25,727
Department of Health and Human Services Contract	5R01Al078756-06	93.5R01Al078756-06	56,769
Through Northwestern University	60028841 UKY	93.60028841 UKY	15,042
Strong Start for Mothers and Newborns		93.611	584,465
Through Kentucky Cabinet for Health and Family Services	PON2 729 1200001693	93.630	(54
Through Kentucky Cabinet for Health and Family Services	PON2 729 1400001035	93.630	110,191
Through National Opinion Research Center	7570.UKRF.01	93.7570.UKRF.01	23,451
Through Kentucky Cabinet for Health and Family Services	PO2 746 1400003619	93.767	53,239
Through Kentucky Cabinet for Health and Family Services	PO2 746 1400003710	93.767	(260
Through Kentucky Cabinet for Health and Family Services	PO2 746 1400005518	93.767	380,409
Through Kentucky Cabinet for Health and Family Services	PO2 746 1500003510	93.778	80,343
Through Kentucky Cabinet for Health and Family Services	PO2 746 1500003795	93.778	7,172
Through W-Z Biotech LLC	NIH052014	93.837	36,220
Through New York University School of Medicine	10-01073	93.837	24,449
Through Duke Clinical Research Institute	NIH082012	93.837	5,576
Through Carl T. Hayden Medical Research Foundation	R01HL094775	93.837	3,099
Cardiovascular Diseases Research		93.837	4,941,028
Through Brigham and Women's Hospital	107223	93.837	7,228
Through Biomedical Development Corp	12-0972-F2L	93.837	4,259
Through Northwestern University	60037126 UKY	93.838	68,163
Lung Diseases Research		93.838	484,985
Through Cornell University	14101439-03	93.838	85,657
Through University of Louisville	ULRF12-1403	93.839	(251
Through University of Louisville	ULRF12-1403A1	93.839	29,750
Through University of Arkansas	40864	93.839	11,793
Through National Marrow Donor Program	0901	93.839	5,964
Through National Marrow Donor Program	1102	93.839	644
Blood Diseases and Resources Research		93.839	587,190
Through Wake Forest University	14-004	93.846	28,077
Through University of Florida	00117604 UFOER00010388	93.846	3,798
Through Johns Hopkins University	2001073065	93.846	49,242
Through CytoInformatics LLC	NIH052015	93.846	22,382

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Arthritis, Musculoskeletal and Skin Diseases Research		93.846	1,763,314
Through Washington University in St. Louis	WU-13-238	93.847	38,637
Through Washington University in St. Louis	WU-13-238-MOD-4	93.847	3,765
Through University of South Florida	HHSN267200800019C	93.847	199
Through University of North Carolina	5031706 / 5-31706	93.847	1,004
Through The Research Institute at Nationwide Children's Hospital	952614	93.847	6,223
Through Texas A&M Research Foundation	02-S140205	93.847	30,845
Through Nano Mite Technologies LLC	NIHDHHS0914	93.847	65,909
Through Minneapolis Medical Research Foundation	07267-1	93.847	30,621
Through Lexington Biomedical Research Institute	NIH062012	93.847	152,270
Through Georgia Regents University	25034-31	93.847	26
Through Georgia Regents University	25732-26	93.847	17,454
Diabetes, Digestive and Kidney Diseases Extramural Research	า	93.847	3,126,863
Through Yale University	A09394 (M10A10562)	93.853	44
Through Yale University	M10A10562	93.853	4,275
Through University of Minnesota	N004037301	93.853	66,781
Through University of Michigan	3000770498-ALIAS	93.853	66,626
Through University of Michigan	3001300372-PIII	93.853	59,204
Through University of Michigan	3001413335-PNT	93.853	7,758
Through University of Michigan	3001922357-BPT	93.853	(7,712)
Through University of Michigan	3002112003-SHN	93.853	164,391
Through University of Michigan	3002672039-ISPOT	93.853	10,088
Through University of Michigan	SUBK00002364-ATACHII	93.853	30
Through University of Michigan	U01NS058967	93.853	(1,606)
Through Signal Solutions LLC	1R43NS083218-01	93.853	46,332
Through Northwestern University	60036745 UKRF	93.853	16,940
Through Massachusetts General Hospital	2003A009773/214300	93.853	1,812
Extramural Research Programs in the Neurosciences and Neurological Diseases		93.853	5,875,329
Through University of South Florida	SUBAWARD #6408-1070-00-A	93.855	8,847
Through University of Pittsburgh	0011210 115316-1	93.855	(646)
Through University of Chicago	37045	93.855	(1,273)
Through MosquitoMate Inc	2R44Al098179-02	93.855	3,038
Allergy, Immunology and Transplantation Research		93.855	4,230,744
Through University of Vermont	26835SUB51331	93.859	12,720
Through University of Minnesota	P657611701	93.859	123,157
Through University of Louisville	5P20GM103436-15	93.859	49,589
Through University of Louisville	ULRF 13-1493-04	93.859	261,807
Through University of Illinois	2012-06945-01	93.859	4,382
Through Rice University	R22303	93.859	55,303
Through ParaTechs Corp	NIH 092013	93.859	20,765
Biomedical Research and Research Training		93.859	6,899,524
Through Benaroya Research Institute	FY14197601	93.859	6,722
Through University of Illinois	2010-06423-01-00	93.865	17,192
Through Palo Alto University	BALSAM-R01 HD069370-SCUK	93.865	2,688
Through Children's Hospital Medical Center	133033	93.865	22,573
Child Health and Human Development Extramural Research		93.865	2,414,492
Through University of Missouri	0060904/00046544	93.866	16,467
Through University of Illinois	2008-03931-06-03	93.866	103
Through University of California, San Diego	45886762	93.866	122,806

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through University of California, San Diego	57243222	93.866	6,600
Through University of California, San Diego	ADC-039	93.866	69,257
Through University of California, San Diego	ADC-046-INI	93.866	37,987
Through NACC/University of Washington	762204	93.866	25,686
Aging Research		93.866	9,157,824
Vision Research		93.867	1,961,910
Through University of Dayton Research Institute	RSC13037	93.867	1,243
Through University of Cincinnati	009549-02 PN 14081262	93.867	1,757
Through St Luke's Roosevelt Institute for Health Sciences	NIH052013	93.867	1,136
Through Pennsylvania State University	UKYEY023533	93.867	825
Through Rutgers University	8044	93.879	1,706
Through Trover Clinic Foundation	HRSA082011	93.912	1,109
Through University of North Texas Health Science Center	N-01137	93.941	2,168
Through Kentucky Cabinet for Health and Family Services	M-06120376	93.959	13
Through Kentucky Cabinet for Health and Family Services	PO2 729 1300004828	93.959	(934)
Through Kentucky Cabinet for Health and Family Services	PO2 729 1400003851	93.959	625,920
PPHF-2012 Geriatric Education Centers		93.969	(149)
Department of Health and Human Services Contract	HHSN2612013000131	93.HHSN2612013000131	76,752
Department of Health and Human Services Contract	HHSN261201300013I	93.HHSN261201300013I	1,424,685
Department of Health and Human Services Contract	HHSN263201400657P	93.HHSN263201400657P	17,537
Through Duke University Medical Center	HHSN272201100025C	93.HHSN272201100025C	2,451
Through Brigham and Women's Hospital	KY010	93.KY010	285
Through Naprogenix AgTeCC	NAPROGENIX2013	93.NAPROGENIX2013	78,232
Through Kentucky Cabinet for Health and Family Services	PO2 728 1100004992	97.002	(1,705)
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400004352	97.002	110,404
Through National Institute for Hometown Security	01-15-UK	97.01-15-UK	47,970
Through National Institute for Hometown Security	02-10-UK	97.02-10-UK	278,726
Through National Institute for Hometown Security	03-09-UK	97.03-09-UK	1,560,027
Through National Institute for Hometown Security	04-09-UK	97.04-09-UK	277,319
Through National Institute for Hometown Security	05-14-UK	97.05-14-UK	968,824
Through University of Southern California	45789417 PO 10137382	97.061	(184)
Through University of Southern California	52729435 PO#10217739	97.061	48,852
5	P001955409	97.061	1,932
Through National Institute for Hamstown Security	12-07-UK	97.061 97.12-07-UK	•
Through National Institute for Hometown Security Through University of California, Davis	016258	98.005	103,300 6,332
Through DevTech Systems Inc	1096-SC-13-004-00		12
TOTAL RESEARCH AND DEVELOPMENT CLUS		98.1096-SC-13-004-00	156,793,198
STUDENT FINANCIAL ASSISTANCE CLUSTER	TER		130,733,130
Federal Supplemental Educational Opportunity Grants		84.007	487,500
Federal Work-Study Program		84.033	1,154,923
Federal Perkins Loan		84.038	22,698,636
Federal Pell Grant Program		84.063	23,549,979
Federal Direct Student Loans		84.268	178,114,658
Nurse Faculty Loan Program		93.264	139,388
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students		93.342	5,239,583
TOTAL STUDENT FINANCIAL ASSISTANCE CL	USTER		231,384,667
SNAP CLUSTER			
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400002244	10.561	(208)

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400004142	10.561	1,278,465
Through Kentucky Cabinet for Health and Family Services TOTAL SNAP CLUSTER	PO2 736 1500001655	10.561	5,538,440 6,816,697
HIGHWAY PLANNING AND CONSTRUCTION CL	USTER		
Through Kentucky Energy and Environment Cabinet	LA 18-ABA	20.205	2,677
TOTAL HIGHWAY PLANNING AND CONSTRUCT	TION CLUSTER		2,677
HIGHWAY SAFETY CLUSTER			
Through Kentucky Office of Highway Safety	PO2 625 1500000583	20.600	51,725
Through Kentucky Office of Highway Safety	PO2 625 1400001006	20.610	14,498
TOTAL HIGHWAY SAFETY CLUSTER			66,223
SPECIAL EDUCATION CLUSTER (IDEA) Through Kentucky Education and Workforce Development Cabinet	PON2 540 1300002578	84.027	395
Through Kentucky Education and Workforce Development	PON2 540 1300002890	84.027	1,162
Cabinet Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400000467	84.027	96,708
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400002739	84.027	234,696
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400002907	84.027	100,062
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400002978	84.027	269,415
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400003105	84.027	315,243
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400003636	84.027	92,006
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1500000426	84.027	208,933
Through Idaho State Department of Education	075103	84.027	7,296
Through Georgetown College	PON2 540 1300002651	84.027	(15)
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1300003115	84.173	76,862
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400003277	84.173	212,669
TOTAL SPECIAL EDUCATION CLUSTER (IDEA)			1,615,432
TRIO CLUSTER TRIO Student Support Services		84.042	282,604
TOTAL TRIO CLUSTER			282,604
SCHOOL IMPROVEMENT GRANTS CLUSTER			
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1300002928	84.377	20,852
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1500000548	84.377	46,142
TOTAL SCHOOL IMPROVEMENT GRANTS CLUS	STER		66,994
HEALTH CENTERS CLUSTER			
Consolidated Health Centers		93.224	1,775,364
Affordable Care Act Grants for New and Expanded Services under the Health Center Program		93.527	27,179
TOTAL HEALTH CENTERS CLUSTER			1,802,543
TANF CLUSTER Through Kentucky Cabinet for Health and Family Services	PO2 736 1200004856	93.558	(287)

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400004119	93.558	2,177,979
TOTAL TANF CLUSTER			2,177,692
CCDF CLUSTER			
Through University of Delaware	34109	93.575	10,266
Through University of Delaware	37831	93.575	16,305
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400004118	93.575	17,478
Through Kentucky Cabinet for Health and Family Services	PO2 736 1200004968	93.596	(1,636
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400004117	93.596	2,952,865
TOTAL CCDF CLUSTER			2,995,278
MEDICAID CLUSTER			
Through Kentucky Cabinet for Health and Family Services	PO2 746 1400005533	93.778	1,707,149
Through Kentucky Cabinet for Health and Family Services	PON2 729 1400000994	93.778	3,210,690
TOTAL MEDICAID CLUSTER			4,917,839
OTHER FEDERAL ASSISTANCE			
Agricultural Research Basic and Applied Research		10.001	51,648
Plant and Animal Disease, Pest Control and Animal Care		10.025	584,749
Through Kentucky General Government Cabinet	PON2 035 1400001673	10.025	16,800
Through Kentucky General Government Cabinet	PON2 035 1500001611	10.025	533
Through Kentucky General Government Cabinet	PON2 035 1200000904	10.170	411
Through Kentucky General Government Cabinet	PON2 035 1300001315	10.170	33,311
Through Kentucky General Government Cabinet	PON2 035 1400000842	10.170	1,667
Through Kentucky General Government Cabinet	PON2 035 1500000954	10.170	3,526
Grants for Agricultural Research, Special Research Grants	DD000 405/4044000	10.200	47,883
Through University of Georgia	RD309-125/4944906	10.215	18,279
Through University of Georgia	RE675-167/4940156	10.215	1,364
Through University of Illinois	2012-00593-01	10.250	52,234
Food Assistance and Nutrition Research Programs (FANRP)	0000057040 AC	10.253	155,808
Through Purdue University	8000057940-AG	10.304	22,023
International Science and Education Grants	440070 0000450	10.305	12,747
Through University	118978 G003158 8500031743	10.310	24,379
Through University of Tennessee Through Texas A&M University	06-S130683	10.310 10.310	96,134 28,839
Through Texas A&M Research Foundation	99-S140654	10.310	36,436
Through Purdue University	8000041337-AG 2010-38411	10.310	9,214
Through ARRA-Kansas State University	S15090	10.310	14,562
Through Kentucky State University	UDAAPPR13-14	10.311	34,540
Beginning Farmer and Rancher Development Program	ODAAFFICTS-14	10.311	137,033
Through Kansas State University	S14028	10.319	21,519
Crop Protection and Pest Management Competitive Grants	314028	10.329	28,068
Program			·
Through University of Nebraska - Lincoln	25-6365-0040-004	10.500	472,775
Through University of Minnesota	A003899803	10.500	37,470
Through University of Illinois	2015-00768-03 PD200-400/0044647	10.500	4,142
Through University of Georgia	RD309-129/8644647	10.500	2,582
Through University of Georgia	RE675-171/4940896	10.500	20,859
Through University of Georgia	RE675-171/4942076	10.500	1,742
Through University of Arkansas Through University of Arkansas	21665-01	10.500	8,807
	21665-12	10.500	1,917

GRANTOR/PROGRAM OR CLUSTER TITLE	ENTITY IDENTIFYING NUMBER	NUMBER	EXPENDITURES
Through Purdue University	8000059371	10.500	399,794
Through Purdue University	8000065346	10.500	10,960
Through Purdue University	8000066931	10.500	63,196
Through Pennsylvania State University	4907-UKRF-USDA-0946	10.500	46,503
Through Pennsylvania State University	5132-UKRF-USDA-2628	10.500	4,993
Through National Four H Council	USDA052014	10.500	2,986
Through Mississippi State University	018000.340436.04	10.500	499
Through Kansas State University	S14112	10.500	14,686
Through Kansas State University	S15128	10.500	42,785
Cooperative Extension Service		10.500	11,224,572
US Department of Agriculture Contract	58-0510-4-026-N	10.58-0510-4-026-N	83,063
Through Kentucky Natural Resources and Environmental Protection Cabinet	PO2 595 0700012450	10.664	(26
Through Kentucky General Government Cabinet	PON2 128 1500000235	10.664	15,996
Through Kentucky General Government Cabinet	PON2 128 1500000347	10.664	4,525
Through Kentucky General Government Cabinet	PON2 128 1500000404	10.664	15,820
Through Kentucky General Government Cabinet	PON2 128 1500000472	10.664	11,084
Through Kentucky General Government Cabinet	PON2 128 1500000507	10.664	18,550
Through Kentucky Energy and Environment Cabinet	PON2 127 1500000824	10.674	3,929
Rural Business Enterprise Grants		10.769	42,711
Norman E Borlaug International Agricultural Science and Technology Fellowship		10.777	13,394
Soil and Water Conservation		10.902	796
Environmental Quality Incentives Program		10.912	12,600
Conservation Stewardship Program		10.924	10,364
Technical Agricultural Assistance		10.960	29,869
Cochran Fellowship Program-International Training-Foreign Participant	4.0 0400 B 40 0000	10.962	74,565
US Department of Agriculture Contract	AG-3198-B-10-0028	10.AG-3198-B-10-0028	1,100,008
Economic Development Technical Assistance		11.303	129,029
Measurement and Engineering Research and Standards		11.609	356,745
Procurement Technical Assistance For Business Firms		12.002	183,282
Through Kentucky General Government Cabinet	PO2 095 1500001619	12.401	91,923
Through Kentucky General Government Cabinet	PO2 09515000011071	12.401	31,070
Through Kentucky General Government Cabinet	TASK ORDER #2	12.401	(558
Through Clarksville Montgomery County School System	00207950-000	12.556	2,743
Through Clarksville Montgomery County School System	00210927-000	12.556	49,490
Through Clarksville Montgomery County School System	FSE51500-539900-F606	12.556	10,085
Through Christian County Schools	HE1254-13-1-0023	12.556	7,610
Through Nature Conservancy Kentucky Chapter National Geological and Geophysical Data Preservation	3839-KY ARCH SUR-012915	15.623 15.814	7,538 43,476
Program Through Kentucky Heritage Council	PO2 410 1500000163	15.904	68,847
Through Kentucky Justice and Public Safety Cabinet	PON2 523 1500000989	16.735	33,837
Through Mountain Comprehensive Care Center	2011-RN-BX-0009	16.812	11,150
Through Mountain Comprehensive Care Center Through Mountain Comprehensive Care Center	2011-RW-BX-0009 2011-RW-BX-0001	16.812	18,609
Through Mountain Comprehensive Care Center Through Mountain Comprehensive Care Center	2013-RW-BX-0008	16.812	27,587
-			
Through Charactic Inc.	PON2 527 1400000317	16.812	(44
Through Controller Community and Tachnical Callege System	BJA102012 	16.812	1,845
Through Kentucky Community and Technical College Syste		17.282	76,314
Through Kentucky Community and Technical College Syste Through Louisville Metro Government	m TC-25151-13-60-A-21 3328	17.282 17.283	58,279 37,953

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Institute of International Education Inc	SD102014	19.400	153,589
Through Institute of International Education Inc	SD12182014	19.400	100,089
Public Diplomacy Programs for Afghanistan and Pakistan		19.501	702,089
Through Kentucky Transportation Cabinet	2014 LTAP	20.215	147,911
Through Kentucky Transportation Cabinet	LTAP-4	20.215	158,484
Through Safe States Alliance	NHTSA08062014	20.614	4,878
Through Morehead State University	2012-13-151-001	23.001	337,203
Appalachian Regional Development (See individual Appalachian	n	23.001	172,176
Through Greenup County Health Department	KY-17095-11	23.002	24,502
Appalachian Area Development		23.002	107,933
Education		43.008	79,707
National Aeronautics Space Commission Contract	NNX10AL96H	43.NNX10AL96H	2,967
Promotion of the Arts Grants to Organizations and Individuals		45.024	(436
Through Kentucky Humanities Council Inc	2013-006	45.129	1,098
Promotion of the Humanities Division of Preservation and Access		45.149	55,935
National Leadership Grants		45.312	(35
Small Business Development Centers		59.037	1,692,806
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400004804	66.032	77,025
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400004805	66.032	42,018
Through Kentucky Cabinet for Health and Family Services	PO2 728 1500004756	66.032	24,922
Urban Waters Small Grants		66.440	26,259
Through Watershed Watch in Kentucky Inc	EPA022014	66.460	30,019
Through Kentucky Energy and Environment Cabinet	PON2 128 1100000957	66.460	47,092
Through Kentucky Energy and Environment Cabinet	PON2 128 1300000613	66.460	33,543
Through Kentucky Energy and Environment Cabinet	PON2 128 1300001321	66.460	232,758
Through Kentucky Energy and Environment Cabinet	PON2 128 1500000738	66.460	45,797
Through Kentucky General Government Cabinet	PON2 035 1400001981	66.605	13,213
Through ARRA-Arizona Geological Survey	KY-EE0002850	81.086	32,175
Through University of Central Florida	UCF01-0000280883	81.087	149,946
Fossil Energy Research and Development		81.089	446,049
Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Through Kentucky Department of Local Government	PON2 112 1400000339	81.117 81.119	216,744 101,539
ARRA-Electricity Delivery and Energy Reliability, Research,	FONZ 112 1400000339		,
Development and Analysis Through Sandia National Laboratories	1343014	81.122 81.1343014	21,853 55,315
Through Oak Ridge National Laboratory	4000127599	81.4000127599	54,400
Overseas Doctoral Dissertation	4000127333	84.022	2,780
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400003447	84.048	3,000
Through Kentucky Department of Education	PON2 540 1500001898	84.048	3,151
Through Kentucky Community and Technical College System	P116F140444	84.116	17,843
Fund for the Improvement of Postsecondary Education		84.116	3,340
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1200002711	84.126	(646
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1200003954	84.126	(28
Through Kentucky Education and Workforce Development Cabinet Through Kentucky Education and Workforce Development	PON2 531 1400002387	84.126	33,834
Through Kentucky Education and Workforce Development Cabinet Through Kentucky Education and Workforce Development	PON2 531 1400002392 PON2 531 1400002400	84.126 84.126	160,974 195,539
Cabinet	1 ONZ 331 140000Z400	04.120	195,539

	PASS-THROUGH	CFDA	FEDERAL
FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	ENTITY IDENTIFYING NUMBER	NUMBER	EXPENDITURES
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1400002419	84.126	448,849
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1400002422	84.126	30,047
Rehabilitation Long-Term Training		84.129	328,299
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1400001581	84.129	16,804
Through University of Illinois at Chicago	0411	84.133	18,184
Through University of Tennessee	14492-001-02	84.323	43,832
Through University of Delaware	38431	84.323	21,362
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400000509	84.323	(232
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400000548	84.323	(12
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400000564	84.323	92,909
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1500000409	84.323	342,816
Through University of North Carolina	5-54471 H325J070007	84.325	5,925
Special Education Personnel Development to Improve Services		84.325	377,629
Through Eastern Kentucky University	452764-14-232	84.325	539
Through Eastern Kentucky University	452764-15-237	84.325	97,531
Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities		84.326	502,037
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1400000568	84.326	97,362
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1500000650	84.326	145,638
Through Council on Postsecondary Education	PO2 415 1400005918	84.334	85,502
Through Kentucky Education and Workforce Development Cabinet Through Kentucky Education and Workforce Development	PON2 540 1400000320	84.366 84.366	23,467
Cabinet Through Kentucky Education and Workforce Development	PON2 540 1400000329 PON2 540 1400000786	84.366	58,430 24,364
Cabinet Through Kentucky Education and Workforce Development	PON2 540 1400000760	84.366	95,616
Cabinet Through Kentucky Education and Workforce Development	PON2 540 1500000510	84.366	71,537
Cabinet			·
Through Kentucky Education and Workforce Development Cabinet	PON2 540 1500000515	84.366	90,555
Through Murray State University	OSP 2014-101	84.367	(794
Through Kentucky Council on Postsecondary Education	PO2 415 1300003317	84.367	9,171
Through Kentucky Council on Postsecondary Education	PO2 415 1300003321	84.367	25,943
Through Kentucky Council on Postsecondary Education	PO2 415 1400003293	84.367	68,945
Through Kentucky Council on Postsecondary Education	PO2 415 1400003460	84.367	47,270
Through Kentucky Council on Postsecondary Education	PO2 415 1400003461	84.367	65,628
Through Kentucky Council on Postsecondary Education	PO2 415 1500002810	84.367	20,708
Through Kentucky Council on Postsecondary Education	PO2 415 1500002811	84.367	58,284
Through Kentucky Council on Postsecondary Education	PO2 415 1500002812	84.367	19,042
Through Kentucky Council on Postsecondary Education	PO2 415 1500002814	84.367	45,078
Through Westat	6189-S-007	84.373	619,397
Through University of Minnesota	A001945803	84.373	634,430
Through ARRA-Ohio State University	60029197 PO RF01229388	84.396	428,573
Transition Programs for Students with Intellectual Disabilities into Higher Education		84.407	320,436
Through Kentucky Valley Educational Cooperative	DOED07162014	84.416	86,461
Through Kentucky Valley Educational Cooperative	DOED09162014	84.416	127,976

	PASS-THROUGH	CFDA	FEDERAL
FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	ENTITY IDENTIFYING NUMBER	NUMBER	EXPENDITURES
Training in General, Pediatric and Public Health Dentistry		93.059	462,903
Food and Drug Administration Research		93.103	138,546
Through University of Louisville	ULRF-12-1074A1-01	93.107	136,427
Through University of Arizona	Y553522	93.110	12,526
Through The Commission for Children with Special Health Care Needs	PON2 767 1400003464	93.110	23,972
Maternal and Child Health Federal Consolidated Programs		93.110	46,368
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001657	93.110	9,389
Through Hemophilia of Georgia Inc	HRSA062014	93.110	17,399
Through Hemophilia of Georgia Inc	HRSA122013	93.110	3
Environmental Health		93.113	259,887
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400005053	93.130	8,000
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400005089	93.130	9,997
Centers for Research and Demonstration for Health Promotion		93.135	453,953
Through Kentucky Association of Sexual Assault Programs	KASAP041715	93.136	14,035
Through Kentucky Association of Sexual Assault Programs	KASAP122014	93.136	3,500
Injury Prevention and Control Research and State and Community Based Programs		93.136	649,627
Through American International Health	H-F4-ZAM-08-P-PTR-ZAMI	93.145	4,229
AIDS Education and Training Centers		93.145	177,370
Coordinated Services and Access to Research for Women, Infants, Children, and Youth		93.153	362,741
Grants To States for Loan Repayment Program	5400400	93.165	323,582
Through University of North Carolina	5100499	93.184	18,679
Through University of North Carolina	5-42319	93.184	4,299
Through University of Illinois	2010-06621-21-02	93.2010-06621-21-02	1,677
Telehealth Programs	DO0 700 4 40000 4005	93.211	172,439
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400004635	93.217	218,639
Through Kentucky Cabinet for Health and Family Services	PON2 728 1300001977	93.217	24
State Rural Hospital Flexibility Program		93.241	593,205
Substance Abuse and Mental Health Services Projects of Regional and National Significance Through Pennyroyal Regional Mental Health Mental	SAMSHA052015	93.243 93.243	454,018 8,244
Retardation Board Through Mountain Comprehensive Care Center	5H79TI023188-03	93.243	11,175
Through Kentucky Cabinet for Health and Family Services	PON2 729 1400000994	93.243	50,370
Through Kentucky Administrative Office of the Courts	PON2 025 1200002134	93.243	20,991
Through Catholic Social Services of the Diocese	5H79SM059210-05	93.243	7,035
Public Health Training Centers Program		93.249	121,108
Occupational Safety and Health Program		93.262	1,128,015
Alcohol Research Programs		93.273	120,601
Drug Abuse and Addiction Research Programs		93.279	743,327
Department of Health and Human Services Contract	2801808	93.2801808	(672
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400004798	93.283	6,117
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400005807	93.283	17,763
Through Kentucky Cabinet for Health and Family Services	PO2 728 140004450	93.283	52,471
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400000669	93.283	5_,
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001517	93.283	22,346
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001517	93.283	37,253
Centers for Disease Control and Prevention Investigations and Technical Assistance	1 3112 120 1700001001	93.283	1,815,097
Centers for Disease Control and Prevention Investigations an		93.283	(12,103)
Small Rural Hospital Improvement Grant Program		93.301	346,320

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Trans-NIH Research Support		93.310	242,395
Department of Health and Human Services Contract	3217146	93.3217146	41,866
National Center for Advancing Translational Sciences		93.350	129,286
Through Vanderbilt University	VUMC35826	93.359	45,078
Nurse Education, Practice Quality and Retention Grants		93.359	104,830
Through Kentucky Cabinet for Health and Family Services	PO2 729 1400003852	93.360	175,534
National Center for Research Resources		93.389	9,802
Cancer Cause and Prevention Research		93.393	2,607
Through NRG Oncology Foundation Inc	UOFK - YR. 1	93.395	14,000
Through NRG Oncology Foundation Inc	UOFK - YR. 2	93.395	3,116
Through University of South Carolina	15-2776	93.397	31,603
Cancer Centers Support Grants		93.397	861,665
Cancer Research Manpower		93.398	772,226
Through Mathematica Policy Research Inc	40146S03625	93.40146S03625	93,291
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400005277	93.505	71,932
Through Kentucky Cabinet for Health and Family Services	PON2 728 1300001748	93.505	2
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001657	93.505	47,102
Through Kentucky Cabinet for Health and Family Services	PO2 728 1200005194	93.521	(106
Through Kentucky Cabinet for Health and Family Services	PO2 728 140004450	93.521	183,373
Through Kentucky Cabinet for Health and Family Services	PO2 746 1500003215	93.525	173,704
Through Kentucky Cabinet for Health and Family Services	PON2 736 1200003048	93.556	(5,451
Through Kentucky Cabinet for Health and Family Services	PON2 736 1400001231	93.556	204,827
Through Eastern Kentucky University	4525680-14-139	93.556	(2
Through Eastern Kentucky University	452680-14-144	93.556	(12
Through Eastern Kentucky University	452851-15-156	93.556	37,972
Through Eastern Kentucky University	452857-15-157	93.603	346,031
University Centers for Excellence in Developmental Disabilities Education, Research, and Service		93.632	537,352
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400004126	93.643	15,625
Through Kentucky Cabinet for Health and Family Services	PON2 736 1400001231	93.643	123,883
Social Services Research and Demonstration		93.647	(7,594
Through Eastern Kentucky University	452650-14-142	93.658	(41
Through Eastern Kentucky University	452652-14-138	93.658	(101
Through Eastern Kentucky University	452656-14-141	93.658	(28
Through Eastern Kentucky University	452820-15-158	93.658	102,522
Through Eastern Kentucky University	452822-15-166	93.658	285,556
Through Eastern Kentucky University	452823-15-159	93.658	363,535
Through Eastern Kentucky University	452825-15-163	93.658	7,487
Through Eastern Kentucky University	452826-15-161	93.658	37,527
Through Eastern Kentucky University	452826-15-162	93.658	114,243
Through Eastern Kentucky University	452826-15-164	93.658	324,851
Through Eastern Kentucky University	452826-15-165	93.658	213,606
Through Kentucky Cabinet for Health and Family Services	PO2 736 1200004473	93.669	1
Through Kentucky Cabinet for Health and Family Services	PO2 736 1400004126	93.669	70,063
Through Eastern Kentucky University	452820-15-158	93.669	43,578
Through ARRA-Kentucky Cabinet for Health and Family Services	PO2 746 1200003495	93.718	656,111
Through ARRA-HealthBridge	90RC0025/01-UK	93.718	76,312
ARRA-Health Information Technology Regional Extension Centers Pro	CDC052045	93.718	189,327
Through American Association of Diabetes Education	CDC052015	93.739	6,759
Through Kentucky Cabinet for Health and Family Services	PO2 746 1200002881	93.767	(36

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky Cabinet for Health and Family Services	PON2 746 1200001392	93.791	(910)
Through Kentucky Cabinet for Health and Family Services	PON2 746 1400001179	93.791	1,314,663
Cardiovascular Diseases Research		93.837	289,871
Arthritis, Musculoskeletal and Skin Diseases Research		93.846	(1)
Diabetes, Digestive and Kidney Diseases Extramural Research		93.847	131,560
Extramural Research Programs in the Neurosciences and Neurological Diseases		93.853	307,274
Allergy, Immunology and Transplantation Research		93.855	16,458
Through University of Louisville	2 P20 GM103436-14	93.859	80,890
Biomedical Research and Research Training		93.859	542,343
Aging Research		93.866	62,857
Grants for Training in Primary Care Medicine and Dentistry		93.884	308,636
Through Kentucky Cabinet for Health and Family Services	PON2 728 1200002645	93.889	85,251
Through Kentucky Education and Workforce Development Cabinet	PON2 531 1200002711	93.912	(67)
Grants to States for Operation of Offices of Rural Health		93.913	192,737
Through Kentucky Cabinet for Health and Family Services	PON2 728 1300001994	93.917	28,925
	PON2 728 1400003542	93.917	530,016
Through Kentucky Cabinet for Health and Family Services	PON2 728 1500000417	93.917	761,469
• .	PON2 728 1500000420	93.917	113,040
Through Emory University	T066576	93.917	(1)
Through Emory University	T236667	93.917	150,788
Through Emory University	T236812	93.917	5,533
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease Ryan White HIV/AIDS Dental Reimbursements\Community Based Dental Partnership Grants		93.918 93.924	575,053 87,225
Special Projects of National Significance		93.928	(6)
Through Kentucky Cabinet for Health and Family Services	PON2 728 1500000392	93.940	34,486
	PON2 728 1200001987	93.944	(187)
	PON2 728 1400001571	93.944	104,695
	PO2 728 1400004792	93.945	10,139
	PO2 728 1400004798	93.945	7,845
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001517	93.945	22,577
	PON2 728 1400006411	93.945	5
PPHF-2012 Geriatric Education Centers	1 0112 720 1400000411	93.969	255,236
	PO2 728 1200004963	93.994	(42)
Through Kentucky Cabinet for Health and Family Services	PO2 728 1200005251	93.994	(2,845)
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400003972	93.994	14,767
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400003974	93.994	314,095
Through Kentucky Cabinet for Health and Family Services	PO2 728 1400003974	93.994	5,704
	PO2 728 1400004203	93.994	41,545
	PON2 728 1200002194	93.994	•
Through Kentucky Cabinet for Health and Family Services Through Kentucky Cabinet for Health and Family Services			114
	PON2 728 1300002245	93.994	(20)
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001657	93.994	10,470
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400002047	93.994	143,107
Department of Health and Human Services Contract	HHSF223201310059C	93.HHSF223201310059C	55,923
Department of Health and Human Services Contract	HHSN26120130013I	93.HHSN26120130013I	217,725
Through Kentucky Cabinet for Health and Family Services	PON2 728 1400001517	93.PON2 728 1400001517	38,980
LEPTOLICE & OPTILOW (LODGEO CONCERNOS) (CONCERNOS)	PO2 095 1500001757	97.039	176,855
Through Kentucky General Government Cabinet Through Kentucky General Government Cabinet	PON2 095 1100001569	97.039	4,558,607

FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE	PASS-THROUGH ENTITY IDENTIFYING NUMBER	CFDA NUMBER	FEDERAL EXPENDITURES
Through Kentucky General Government Cabinet	PON2 095 1400003639	97.047	73,244
Through Kentucky General Government Cabinet	PON2 095 1500001071	97.047	60,151
Through Kentucky General Government Cabinet	PON2 095 1500001071	97.110	98
Through Oklahoma State University	AB-5-18880-UKRF	98.001	19,164
Through Michigan State University	RC102540/RC103597	98.001	49,749
Through Chemonics International Inc	AID-497-C-12-00001-UKY-0	98.AID-497-C-12-00001-UKY-	0 236,990
TOTAL OTHER FEDERAL ASSISTANCE			55,795,603
GRAND TOTAL SCHEDULE OF EXPENDITU	RES OF FEDERAL AWAR	RDS	\$ 464,717,447

A Component Unit of the Commonwealth of Kentucky Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2015

Note 1: Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (Schedule) of the University of Kentucky (University) has been prepared in the format as set forth in the U.S. Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, some amounts presented in this Schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements. The purpose of the Schedule is to present a consolidated summary of those expenditures of the University for the year ended June 30, 2015, which has been financed by the U.S. Government (Federal awards). For purposes of the Schedule, Federal awards include all Federal assistance and procurement relationships entered into directly and indirectly between the University and the Federal government and sub-awards from nonfederal organizations made under federally sponsored agreements.

The accounting principles followed by the University and used in preparing the Schedule are as follows:

- The Schedule includes amounts expended by the University and its affiliated corporation, the University of Kentucky Research Foundation, Inc.
- Deductions (expenditures) for direct costs are recognized as incurred using the accrual method of accounting and the cost accounting principles contained in OMB Circular A-21, Cost Principles for Educational Institutions. Under those cost principles, certain types of expenditures are not allowable or are limited as to reimbursement. Moreover, expenditures include a portion of costs associated with general University activities (facilities and administrative costs), which are allocated to awards under negotiated formulas commonly referred to as indirect cost rates.

A Component Unit of the Commonwealth of Kentucky Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2015

Note 2: Subrecipients

Of the federal expenditures presented in the Schedule, the University provided Federal awards to subrecipients as follows:

		Fiscal 2015
CFDA Description	CFDA Number	Expenditures
Sustainable Agriculture Research and Education	10.215	\$ 40,190
Higher Education Challenge Grants	10.217	7,321
Biotechnology Risk Assessment Research	10.219	13
Agricultural and Rural Economic Research, Cooperative Agreements	10.250	45,245
Food Assistance and Nutrition Research Programs (FANRP)	10.253	80,249
Agriculture and Food Research Initiative (AFR)	10.310	516,704
Beginning Farmer and Rancher Development Program	10.311	24,198
Cooperative Extension Service	10.500	40,970
US Department of Agriculture Contract	10.XXX	883,170
Research and Technology Development	12.910	7,251
Assistance to State Water Resources Research Institutes	15.805	18,289
National Institute of Justice Research Evaluation and Development Project Grants	16.560	32,190
Harold Rogers Prescription Drug Monitoring Program	16.754	10,981
Highway Research and Development Program	20.200	58,203
State Planning and Research	20.515	50,493
Appalachian Regional Development	23.001	5,218
Science	43.001	133,240
Education	43.008	520,676
National Aeronautics Space Commission Contract	43.XXX	23,640
Engineering Grants	47.041	87,923
Computer and Information Science and Engineering	47.070	93,116
Biological Sciences	47.074	52,881
Social, Behavioral and Economic Sciences	47.075	63,132
Education and Human Resources	47.076	234,689
Office of International and Integrative Activities	47.079	930,809
Office of Experimental Program to Stimulate Competitive Research	47.081	137,077
Small Business Development Centers	59.037	565,999
Nonpoint Source Implementation Grants	66.460	3,840
Science To Achieve Results (STAR) Research Program	66.509	169,453
Office of Science Financial Assistance Program	81.049	8,216
Fossil Energy Research and Development	81.089	74,878
Environmental Restoration	81.092	(745)
Department of Energy Contract	81.XXX	334,628
Special Education Grants to States	84.027	24,878
Fund for the Improvement of Postsecondary Education	84.116	3,340
Research in Special Education	84.324	25,334
Special Education Technical Assistance and Dissemination to Improve Services	84.326	53,353
Improving Teacher Quality State Grants	84.367	1,500
Transition Programs for Students with Intellectual Disabilities	84.407	31,402
Training in General, Pediatric and Public Health Dentistry	93.059	128,000
Area Health Education Centers Point of Service Maintenance	93.107	268,927
Environmental Health	93.113	117,213

A Component Unit of the Commonwealth of Kentucky Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2015

		Fiscal 2015
CFDA Description	CFDA Number	Expenditures
Centers for Research and Demonstration for Health Promotion	93.135	\$ 176,537
Injury Prevention and Control Research and State and Community Based Programs	93.136	20,647
Grants To States for Loan Repayment Program	93.165	323,582
Telehealth Programs	93.211	146,828
State Rural Hospital Flexibility Program	93.241	276,419
Mental Health Research Grants	93.242	209,393
Occupational Safety and Health Program	93.262	295,117
Drug Abuse and Addiction Research Programs	93.279	783,401
Centers for Disease Control and Prevention Investigations and Technical Assistance	93.283	164,453
Discovery and Applied Research for Technological Innovations	93.286	74,371
Small Rural Hospital Improvement Grant Program	93.301	301,148
Minority Health and Health Disparities Research	93.307	51,751
Trans-NIH Research Support	93.310	14,291
National Center for Advancing Translational Sciences	93.350	121,630
Nursing Research	93.361	805
Cancer Detection and Diagnosis Research	93.394	41,892
Cancer Treatment Research	93.395	18,931
Cancer Biology Research	93.396	297,907
Cancer Centers Support Grants	93.397	549,096
Cancer Control	93.399	21,090
Temporary Assistance for Needy Families	93.558	1,852,857
Child Care Mandatory and Matching Funds	93.596	8,764
Strong Start for Mothers and Newborns	93.611	116,499
Social Services Research and Demonstration	93.647	(7,594)
Medical Assistance Program	93.778	90,000
Cardiovascular Diseases Research	93.837	51,542
Arthritis Musculoskeletal and Skin Diseases Research	93.846	13,808
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	139,557
Allergy, Immunology and Transplantation Research	93.855	114,357
Biomedical Research and Research Training	93.859	307,059
Child Health and Human Development Extramural Research	93.865	8,187
Aging Research	93.866	1,019,982
National Bioterrorism Hospital Preparedness Program	93.889	78,936
PPHF-2012 Geriatric Education Centers	93.969	167,917
Pre-Disaster Mitigation	97.047	43,567
Department of Homeland Security Contract	97.XXX	1,050,521
TOTAL FEDERAL FUNDS PROVIDED TO SUBRECIPIENTS		\$14,853,332

A Component Unit of the Commonwealth of Kentucky Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2015

Note 3: Noncash Financial Assistance

The following loans received by students and outstanding loan balances are included in the Schedule in accordance with OMB Circular A-133, *Audits of States, Local Government, and Non-Profit Organizations*.

Loans received by students for the year ended June 30, 2015, were as follows:

	CFDA#	Total
Federal Perkins Loan Program	84.038	\$ 3,050,859
Nurse Faculty Loan Program	93.264	15,898
Health Professions Student Loans, Including Primary Care		
Loans/Loans for Disadvantaged Students	93.342	440,000
Total noncash financial assistance		\$ 3,506,757
Outstanding loan balances at June 30, 2015, were as follows:		
	CFDA#	Total
Endard Darking Loan Dragman	04.020	\$ 19.647.777
Federal Perkins Loan Program	84.038	+,,
Nurse Faculty Loan Program	93.264	123,490
Health Professions Student Loans, Including Primary Care		
Loans/Loans for Disadvantaged Students	93.342	4,799,583
Total student loans outstanding		\$ 24.570.850



Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance With Government Auditing Standards

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 basic financial statements of the University of Kentucky (University), a component unit of the Commonwealth of Kentucky, which comprise the statement of net position as of June 30, 2015, and the related statements of revenues, expenses and changes in net position and cash flows for the year then ended and the related notes to the basic financial statements, and have issued our report thereon dated October 2, 2015, which contained a reference to the report of other auditors. Other auditors 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, a component unit included in the financial statements of the University, were not audited in accordance with *Governmental Auditing Standards*.

Internal Control Over Financial Reporting

Management of the University is responsible for establishing and maintaining effective internal control over financial reporting (internal control). In planning and performing our audit, we considered the University's internal control to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion 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 University'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.



Board of Trustees University of Kentucky Page 2

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free of 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 determination of financial statement amounts. 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 University'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 University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Louisville, Kentucky October 2, 2015

BKD,LLP



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 OMB Circular A-133

Independent Auditor's Report

Board of Trustees University of Kentucky Lexington, Kentucky

Report on Compliance for Each Major Federal Program

We have audited the compliance of the University of Kentucky (University) with the types of compliance requirements described in the OMB Circular A-133, *Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2015. 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.

Management's Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts and grants applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

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



Board of Trustees University of Kentucky Page 2

Opinion on Each Major Federal Program

In our opinion, the University complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2015.

Report on Internal Control Over Compliance

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing our opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

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

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

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of OMB Circular A-133. Accordingly, this report is not suitable for any other purpose.

Board of Trustees University of Kentucky Page 3

Report on Schedule of Expenditures of Federal Awards Required by OMB Circular A-133

We have audited the financial statements of the University as of and for the year ended June 30, 2015, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 2, 2015, which contained an unmodified opinion on those financial statements and a reference to the report of other auditors. Our audit was performed for the purpose of forming an opinion on the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

Louisville, Kentucky October 2, 2015

BKD, LLP

A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs Year Ended June 30, 2015

Summary of Auditor's Results

1.	The opinion expressed in the independent auditor's report was: Unmodified Qualified Adverse D	Disclaimer			
2.	The independent auditor's report on internal control over financial	l reporting dis	closed:		
	Significant deficiency(ies)?	Yes	None reported		
	Material weakness(es)?	☐ Yes	⊠ No		
3.	Noncompliance considered material to the financial statements was disclosed by the audit?	Yes	⊠ No		
4.	The independent auditor's report on internal control over compliance for major federal awards programs disclosed:				
	Significant deficiency(ies)?	Yes	None reported		
	Material weakness(es)?	☐ Yes	⊠ No		
5.	The opinion expressed in the independent auditor's report on comwas: Unmodified Qualified Adverse D	pliance for ma	ajor federal awards		
6.	The audit disclosed findings required to be reported by OMB Circular A-133?	Yes	⊠ No		
7.	The University's major programs were:				
	Cluster/Program		CFDA Number		
	Student Financial Aid Cluster		Various		
	Medicaid Cluster		Various		
	Cooperative Extension Service		10.500		
	Hazard Mitigation Grant		97.039		

A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2015

8.	The threshold used to o OMB Circular A-133 v	listinguish between Type A and Type B payas \$3,000,000.	rograms as thos	se terms are defined in
9.	The University qualified defined in OMB Circuit	ed as a low-risk auditee as that term is ar A-133?	☐ Yes	⊠ No
	Findings Required t	o be Reported by <i>Government Audi</i>	ting Standar	ds
	Reference Number	Finding		Questioned Costs
		rs are reportable.		N/A
	Findings Required t	o be Reported by OMB Circular A-1	33	
	Reference Number	Finding		Questioned Costs
	No matte	rs are reportable.		N/A

A Component of the Commonwealth of Kentucky Summary Schedule of Prior Audit Findings Year Ended June 30, 2015

Number	Summary of Finding	Status
2014-001	The University did not update certain students' award information for exceptions noted during the verification program.	Corrected.