

**OREGON STATE UNIVERSITY
SINGLE AUDIT REPORT
YEAR ENDED JUNE 30, 2023**



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**OREGON STATE UNIVERSITY
SINGLE AUDIT REPORT
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**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

Board of Trustees
Oregon State University
Corvallis, Oregon

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities and the aggregate discretely presented component units of Oregon State University (the University), a component unit of the State of Oregon, as of and for the year ended June 30, 2023 and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated November 9, 2023. Our report includes a reference to other auditors who audited the financial statements of the Oregon State University Foundation, one of the discretely presented component units, as described in our report on the University's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of the Oregon State University Foundation were not audited in accordance with *Government Auditing Standards*.

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 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.

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

Report on Compliance and Other Matters

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

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the 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.



CliftonLarsonAllen LLP

Denver, Colorado
November 9, 2023



**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM, REPORT ON INTERNAL CONTROL OVER COMPLIANCE, AND
REPORT ON THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY THE UNIFORM GUIDANCE**

Board of Trustees
Oregon State University
Corvallis, Oregon

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Oregon State University's (the 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, 2023. The University's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

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

Basis for Opinion on 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; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the 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.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the 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 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.

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. 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 aggregate discretely presented component units of Oregon State University as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise Oregon State University's basic financial statements. We have issued our report thereon, dated November 9, 2023, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



CliftonLarsonAllen LLP

Denver, Colorado
November 9, 2023

Oregon State University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2023

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
Student Financial Aid	Department of Education	Federal Direct Student Loans	84.268				-	144,898,151
		Federal Pell Grant Program	84.063				-	32,654,649
		Federal Perkins Loans	84.038				-	10,889,034
		Federal Supplemental Educational Opportunity Grants	84.007				-	879,773
		Federal Work-Study Program	84.033				-	1,363,419
Total Student Financial Aid Cluster							-	190,685,026
Research and Development	Agency for International Development	Development of novel markers to contextualize X-ray fluorescence microscopy	98.U01		Oregon Health & Science University	1014217_OSU	-	9,580
	Department of Agriculture	1994 Institutions Research Program	10.227		Northwest Indian College	NWIC-28757-01	-	(360)
		Agricultural Conservation Easement Program	10.931				-	17,817
		Agricultural Genome to Phenome Initiative	10.332		Iowa State University	02641D	-	40,537
		Agricultural Research_Basic and Applied Research	10.001		Michigan State University	RC113924-OSU	-	3,502
		Agricultural Research_Basic and Applied Research	10.001		University of Nebraska	25-6235-0354-003	-	2,027
		Agricultural Research_Basic and Applied Research	10.001		USDA - Ag Research Service	59-2080-2-002	-	8,596
		Agricultural Research_Basic and Applied Research	10.001				498,245	11,213,486
		Agriculture and Food Research Initiative (AFRI)	10.310		Cornell University	140306-21332	-	98,577
		Agriculture and Food Research Initiative (AFRI)	10.310		Mississippi State University	060500.361432.01	-	70,452
		Agriculture and Food Research Initiative (AFRI)	10.310		Montana State University	G301-21-W8997	-	20,033
		Agriculture and Food Research Initiative (AFRI)	10.310		University of California, Merced	224880S	-	126,644
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	BJKQ80-SB-002 P0053120	-	(10)
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	AA5212-771876	-	126
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	NT6401-633988	-	3,063
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Nevada - Reno	UNR-22-88	-	42,229
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Virginia	GG12213 PO 2188867	-	7
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Wisconsin - Madison	0000001727	16,936	300,192
		Agriculture and Food Research Initiative (AFRI)	10.310		Washington State University	139743-SPC003142	-	1,187,609
		Agriculture and Food Research Initiative (AFRI)	10.310		Washington State University	143902 SPC005075	-	11,406
		Agriculture and Food Research Initiative (AFRI)	10.310				1,088,901	5,886,962
		ALBC Almonds to improve gut health	10.U01		Almond Board of California	ECP-BEAVR-NR-001	-	110,043
		Alfalfa and Forage Research Program	10.330		Colorado State University	G-91480-02	-	38,082
		Alfalfa and Forage Research Program	10.330		University of Idaho	AN6480-846140	-	3,825
		Alfalfa and Forage Research Program	10.330		Washington State University	136670 SPC001707	-	765
		Animal Health and Disease Research	10.207				-	124,730
		Assessing potential food resources	10.U02		Oregon Dept of Forestry	8693	-	5,000
		ATR Yosemite Wilderness Project	10.U03		Applied Trails Research LLC	2019_YOSE_OSU_001	-	18,638
		Biomass Research and Development Initiative Competitive Grants Program (BRDI)	10.312		The Ohio State University	GR112177 SPC-1000003802	-	73,090
		Biotechnology Risk Assessment Research	10.219		University of Colorado - Colorado Springs	22-104-001 / PO 1001749765	-	7,641
		Biotechnology Risk Assessment Research	10.219				-	187,553
		CHCC Dry Farming Variety Trial Conn	10.U04		Chemeketa Community College	10609200	-	15,318
		Cooperative Extension Service	10.500		University of Nevada - Reno	UNR-23-01	-	4,521
		Cooperative Forestry Assistance	10.664		Nature Conservancy	SP_Rogue_Ref_OSU_2022	-	69,069
		Cooperative Forestry Assistance	10.664				-	20,908
		Cooperative Forestry Research	10.202				-	1,064,912
		CPS Assessing potential production	10.U05		Center for Produce Safety	2022CPS12	8,969	205,779
		Crop Insurance	10.450				-	2,255,387
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-21	-	3,358
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-32	-	(0)
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-41	-	50,148
		Crop Protection and Pest Management Competitive Grants Program	10.329		Virginia Tech	423671-19201	-	25,905
		Crop Protection and Pest Management Competitive Grants Program	10.329				-	82,906
		EFCI Cellulose Nano Materials in Lo	10.U06		U.S. Endowment for Forestry & Commun	22-00314	-	308,583
		EFCI Cellulose Nanocrystals Reduce	10.U07		U.S. Endowment for Forestry & Commun	E19-78	53,765	124,977

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		EFCI Nano-materials in Slip Formed	10.U08		U.S. Endowment for Forestry & Commun	20-00080	-	34,298
		EFCI Working Group for Advancement	10.U09		U.S. Endowment for Forestry & Commun	E18-12	-	(787)
		Environmental Quality Incentives Program	10.912		Sustainable Northwest	I-2020-OSUCIG-01	-	18,083
		Environmental Quality Incentives Program	10.912				10,288	236,952
		Food Insecurity Nutrition Incentive Grants Program	10.331		Farmers Market Fund	2021-2149	-	26,725
		Food Insecurity Nutrition Incentive Grants Program	10.331		Farmers Market Fund	2022-3731	-	63,681
		Food Insecurity Nutrition Incentive Grants Program	10.331		Farmers Market Fund	2023-2395	-	2,284
		Forest Health Protection	10.680				-	106,637
		Forestry Research	10.652		USDA Forest Service	21-DG-11330180-035	-	70,762
		FS A bottom-up, stakeholder-driven	10.U10				-	23,790
		FS Climate Change Effects on Salmon	10.U11				-	26,955
		FS Fifty years of data: Natural his	10.U12				-	12,037
		Grants for Agricultural Research, Special Research Grants	10.200		Oregon Dept of Agriculture	ODA-4323-A	-	71,547
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S023	-	7,527
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S064	-	(448)
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S046	-	1,951
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S049	-	(1)
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S047	-	509
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S048	-	133
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S015	-	1,276
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S008	-	5,145
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S027	-	98,343
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S004	-	1,273
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S006	-	3,542
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A22-1241-S001	-	17,978
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A18-0916-S013	-	35
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A18-0916-S058	-	410
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A18-0916-S060	-	447
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A18-0916-S068	-	69
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S015	-	(33)
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S013	-	1
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A18-0916-A081	-	302
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S066	-	684
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S019	-	18,606
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	UCD1091989	-	24,134
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	UCD1094877	-	6,658
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	UCD1095367	-	35,989
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	UCD1094810	-	7,649
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	UCD1093028	-	26,388
		Grants for Agricultural Research, Special Research Grants	10.200		University of Idaho	AP4292-870301	-	(3,170)
		Grants for Agricultural Research, Special Research Grants	10.200		University of Idaho	AP5081-870734	-	90
		Grants for Agricultural Research, Special Research Grants	10.200		University of Idaho	AP5923-870187	-	4,149
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC12914 BPO57780	-	34,951
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC12755 / BPO56214	-	66,698
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC14599/BPO 74283	-	5,193
		Grants for Agricultural Research, Special Research Grants	10.200		Washington State University	105577 G004147	-	(40)
		Grants for Agricultural Research, Special Research Grants	10.200		Washington State University	105577 SPC003883	-	364,031
		Homeland Security_Agricultural	10.304		University of California, Davis	A23-1605-S009	-	21,418
		Integrated Programs	10.303				12,086	209,325
		International Forestry Programs	10.684				-	98,165
		ODA Butterfly bush inform regulat	10.U13		Oregon Dept of Agriculture	ODA22011GR	-	15,750
		ODA Center Expediting Specialty Cro	10.U14		Oregon Dept of Agriculture	ODA-4206-IG	-	8,906
		ODA Center Pesticide Registration	10.U15		Oregon Dept of Agriculture	ODA-4257-IG	-	(190)
		ODA Overcome Barriers to Cover Crop	10.U16		Oregon Dept of Agriculture	ODA22010GR	-	12,275
		Organic Agriculture Research and Extension Initiative	10.307		Cornell University	90033-20653	-	92,129
		Organic Agriculture Research and Extension Initiative	10.307		Purdue University	17000640-021	-	38,479
		Organic Agriculture Research and Extension Initiative	10.307		University of Georgia	SUB0001847	-	(1,188)
		Organic Agriculture Research and Extension Initiative	10.307		University of Maine	UMS1387	-	22,064
		Organic Agriculture Research and Extension Initiative	10.307				689,807	1,292,734
		PAm Evaluating nutritional comp	10.U17		Project Apis m.	Not Available	-	13,258

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		PAm Interstate shipments queen bee	10.U18		Project Apis m.	Not Available	-	11
		PAm Stockpiling pasture legumes	10.U19		Project Apis m.	Not Available	-	12,336
		Partnerships for Climate-Smart Commodities	10.937				-	28,115
		Payments to Agricultural Experiment Stations Under the Hatch Act	10.203				-	3,173,607
		Plant and Animal Disease, Pest Control, and Animal Care	10.025				-	752,062
		Plant Materials for Conservation	10.905				-	92,610
		POTA Potatoes USA Trials	10.U20	Potatoes USA		23-79	-	25,862
		Research Joint Venture and Cost Reimbursable Agreements	10.707				-	4,211
		Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	10.226		University of Missouri	C00079020-1	-	9,157
		Small Business Innovation Research	10.212		Apex Bait Technologies Inc.	13495495	-	4,291
		Small Business Innovation Research	10.212		Berkeley Fermentation Science Inc.	2021-33530-34357	-	(0)
		Small Business Innovation Research	10.212		E-Lambda LLC	2020-33610-31688	-	(3,179)
		Small Business Innovation Research	10.212		Nucleic Sensing Systems, LLC	2022-33530-37118	-	58,000
		Snow Survey and Water Supply Forecasting	10.907				-	28,043
		Soil and Water Conservation	10.902		Auburn University	22-CSES-203907-OSU	-	50,353
		Soil and Water Conservation	10.902				-	573,813
		Specialty Crop Block Grant Program - Farm Bill	10.170		Cal Poly Corporation	2023-9-47315	-	30,159
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	5011	-	(485)
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-009-GR	-	(413)
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-010-GR	-	(130)
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-011-GR	11,205	11,205
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-19008-GR	32,484	32,484
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-19010-GR	-	(528)
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6028GR	-	63,360
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6024GR	-	46,727
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6025GR	-	51,989
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6027GR	-	64,256
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6026GR	-	49,756
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21010GR PCA#20615	-	79,017
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21012GR PCA#20617	-	48,379
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21009GR PCA#20614	-	88,439
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21011GR PCA#20616	-	68,937
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21013GR PCA#20618	-	65,721
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21008GR PCA#20613	-	83,457
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	5010	-	0
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	5014	-	(85)
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA22014GR	-	25,544
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA22012GR	-	15,631
		Specialty Crop Block Grant Program - Farm Bill	10.170		Pollinator Partnership	Not Available	-	25,342
		Specialty Crop Block Grant Program - Farm Bill	10.170		University of California Riverside	S-001084	-	(1)
		Specialty Crop Block Grant Program - Farm Bill	10.170		University of California, Davis	A21-0144-S003	-	66,635
		Specialty Crop Block Grant Program - Farm Bill	10.170		USDA - Ag Research Service	58-2038-1-009	-	234,820
		Specialty Crop Block Grant Program - Farm Bill	10.170		Washington State Dept Agriculture	K2868	-	32,484
		Specialty Crop Block Grant Program - Farm Bill	10.170		Washington State Dept Agriculture	K3145	-	97,681
		Specialty Crop Block Grant Program - Farm Bill	10.170		Washington State Dept Agriculture	K3937	-	61,419
		Specialty Crop Research Initiative	10.309		Colorado State University	G-01363-06	-	2,414
		Specialty Crop Research Initiative	10.309		Michigan State University	RC111414C	-	121,085
		Specialty Crop Research Initiative	10.309		Michigan State University	RC111480OSU	-	25,074
		Specialty Crop Research Initiative	10.309		North Carolina State University	2017-0398-16	-	(34,130)
		Specialty Crop Research Initiative	10.309		Tennessee State University	332.77-2.2184	-	294,266
		Specialty Crop Research Initiative	10.309		Texas A & M University	M2002889	-	16,326
		Specialty Crop Research Initiative	10.309		University of California, Davis	A20-1531-S001	-	129,041
		Specialty Crop Research Initiative	10.309		University of Georgia	SUB00002403	-	167,784
		Specialty Crop Research Initiative	10.309		University of Idaho	AN4829-846778	-	164,169
		Specialty Crop Research Initiative	10.309		University of Idaho	AN6576-846121	-	6,031
		Specialty Crop Research Initiative	10.309		University of Minnesota	H007082505	-	96,713
		Specialty Crop Research Initiative	10.309		University of Minnesota - Twin Cities	A009428503	-	38,674
		Specialty Crop Research Initiative	10.309		University of Wisconsin - Madison	000000362	-	38,554
		Specialty Crop Research Initiative	10.309		Washington State University	133321-G004115	-	1,913
		Specialty Crop Research Initiative	10.309		Washington State University	123501-SPC001616	-	87,843

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		Specialty Crop Research Initiative	10.309		Washington State University	137743 SPC002976	-	94,213
		Specialty Crop Research Initiative	10.309		Washington State University	140349 SPC003368	-	227,743
		Specialty Crop Research Initiative	10.309				1,177,130	1,923,956
		State & Private Forestry Cooperative Fire Assistance	10.698				-	198,271
		Sun Grant Program	10.320		Kansas State University	A21-0692-S002	-	20,988
		Sun Grant Program	10.320		South Dakota State University	3TB386	148,345	238,781
		Sun Grant Program	10.320		South Dakota State University	3TB372	278,458	442,176
		Sustainable Agriculture Research and Education	10.215		Montana State University	G145-20-W7503	-	(1,223)
		Sustainable Agriculture Research and Education	10.215		Montana State University	G245-19-W7502	-	38,028
		Sustainable Agriculture Research and Education	10.215		Montana State University	G258-19-W7500	-	112,356
		Sustainable Agriculture Research and Education	10.215		Montana State University	G335-20-W7899	10,321	119,626
		Sustainable Agriculture Research and Education	10.215		Montana State University	G121-21-W7901	-	6,576
		Sustainable Agriculture Research and Education	10.215		Montana State University	G253-21-W7906	-	25,094
		Sustainable Agriculture Research and Education	10.215		Montana State University	G341-21-W8614	-	35,722
		Sustainable Agriculture Research and Education	10.215		Montana State University	G323-21-W8614	-	29,037
		Sustainable Agriculture Research and Education	10.215		Montana State University	G235-22-W8615	-	7,731
		Sustainable Agriculture Research and Education	10.215		Montana State University	G225-22-W8615	-	25,580
		Sustainable Agriculture Research and Education	10.215		Montana State University	G224-22-W8615	-	24,739
		Sustainable Agriculture Research and Education	10.215		Montana State University	G356-22-W9216	-	58,651
		Sustainable Agriculture Research and Education	10.215		Montana State University	G361-22-W9211	-	48,620
		Sustainable Agriculture Research and Education	10.215		Montana State University	G130-23-W9212	-	2,679
		Sustainable Agriculture Research and Education	10.215		Montana State University	G101-23-W9211	-	12,976
		Sustainable Agriculture Research and Education	10.215		Montana State University	G288-23-W9981	-	1,640
		Sustainable Agriculture Research and Education	10.215		Montana State University	G298-23-W9983	-	1,473
		Sustainable Agriculture Research and Education	10.215		Montana State University	G309-23-W9212	-	2,805
		Sustainable Agriculture Research and Education	10.215		Shine Brothers Ranches, LLC	2021-1329	-	33
		Sustainable Agriculture Research and Education	10.215		USDA - Ag Research Service	59-2092-1-001	-	19,340
		Sustainable Agriculture Research and Education	10.215		Utah State University	150893-00001-168	-	(31)
		Sustainable Agriculture Research and Education	10.215		Utah State University	201207-516	-	(136)
		Technical Assistance for Specialty Crops Program	10.604		Oregon Hazelnuts	2022-542	-	92,455
		Technical Assistance for Specialty Crops Program	10.604		Oregon Hazelnuts	2022-541	-	89,888
		UG Critical food safety challenges	10.U21		University of Georgia	SUB00002514	-	16,766
		UKRF Examine Experience Food Hrdshp	10.U22		University of Kentucky Research Foundat	7800004891 / 3200002185-19-243	-	25,637
		USDA Abundance of Sm Mammals on HJA	10.U23				-	(56)
		USDA Analysis of FIA Bryphyte Monit	10.U24				-	31
		USDA App & expansion FIA monitoring	10.U25				-	6,687
		USDA App Fire & Vegetation Models	10.U26				-	175,503
		USDA Aquatic Biodiversity Forested	10.U27				-	20,503
		USDA Aquatic food base beta diver	10.U28				-	129,064
		USDA Assess forest ecosystem health	10.U29				-	93,540
		USDA Assessing effects of drought	10.U30				-	14,982
		USDA Assessing trends PNW long-term	10.U31				-	1,567
		USDA Automatic acoustic classif	10.U32				-	52,906
		USDA Bat hub for regional Bat Monit	10.U33				-	40,217
		USDA Biodiversity Risks Resilience	10.U34				-	19,242
		USDA Black Hills Forest Plan Revisi	10.U35				-	31,809
		USDA Cable-Assisted Logging Systems	10.U36				-	(212)
		USDA Caspar Creek: Analysis water	10.U37				-	(49)
		USDA CFLRP Forest Veg & Fuels Monit	10.U38				-	246,879
		USDA Collaborative Species Change M	10.U39				-	6,862
		USDA Community Forestry	10.U40				-	1,103
		USDA Community Vulnerability Wild	10.U41				-	16,044
		USDA Community Wildfire Risk	10.U42				-	9,909
		USDA Decadal View Willamette River	10.U43				30,000	93,099
		USDA Demography N Spotted Owls	10.U44				-	(14,228)
		USDA Density Management Riparian	10.U45				-	12,978
		USDA Designing Cover Crop Systems	10.U46				-	89,844
		USDA ECLOGICL CNTXTS OF AMPHBIAN	10.U47				-	4,759
		USDA Ecology and Management forest	10.U48				-	20,000
		USDA Eval Biomass Equations PNW Tre	10.U49				-	(510)

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		USDA Eval ecological responses stag	10.U50				-	69,754
		USDA Evaluating soil resilience ste	10.U51				-	11,130
		USDA Evolution of rivers and land	10.U52				-	24,250
		USDA Examining deterrents nat fores	10.U53				-	7,388
		USDA Explore remote sensing methods	10.U54				-	50,994
		USDA Exploring water quality quant	10.U55				-	44,946
		USDA Fire Performance Connections	10.U56				-	12,658
		USDA Food web responses stage-0 res	10.U57				-	(1,968)
		USDA Food web structure freshwaters	10.U58				-	(368)
		USDA Forest Develop Histories Fire	10.U59				-	395
		USDA Forest root disease pathogens	10.U60				-	200
		USDA Forest Soil Carbon Vulnerabili	10.U61				-	636
		USDA ForSys scenario investment pla	10.U62				-	125,548
		USDA Fruit Crop Production Budget	10.U63				-	33,657
		USDA FS Vegetation map and analyze	10.U64				-	133,571
		USDA Fuel management strategies	10.U65				-	57
		USDA Geomorphic and Hydrologic Cont	10.U66				-	27,345
		USDA Historical Role Fire Westside	10.U67				-	37,600
		USDA Identify aquatic species envir	10.U68				-	42,946
		USDA Identifying aquatic species	10.U69				-	77,146
		USDA Improving sample identificatio	10.U70				-	15,951
		USDA Integration monitoring, model	10.U71				-	21,136
		USDA Invasive species fire and fuel	10.U72				-	208
		USDA Investigating the Mix Effects	10.U73				1,570	61,890
		USDA Landscape Modeling Water Quali	10.U74				-	237,830
		USDA Long-term impacts laminated ro	10.U75				-	2,868
		USDA Maintenance Post-Fire Forest C	10.U76				-	15,024
		USDA Mapping forest attribute chang	10.U77				-	107,305
		USDA Meadow Creek Pollinator Study	10.U78				-	18,220
		USDA Meadow Creek Vegetation Resp	10.U79				-	(27)
		USDA Meadow Creek Vegetation Respon	10.U80				-	17,249
		USDA Modeling Species Composition	10.U81				-	(1,152)
		USDA Next Generation Dynamic Vegeta	10.U82				-	23,169
		USDA Next Generation Fuels Data	10.U83				-	19,009
		USDA Northn Spotted Owls in OR & WA	10.U84				-	322,821
		USDA Occupancy of N. Spotted Owls	10.U85				-	357,594
		USDA Optimizing deployment of mobi	10.U86				-	14,968
		USDA Peck's Mariposa Lily Monitr	10.U87				-	3,363
		USDA Phytophthora Diagnostics	10.U88				-	263,126
		USDA Point cloud-based augmentation	10.U89				-	20,091
		USDA Post-fire Management Gap	10.U90				-	20,852
		USDA Post-fire response forest mana	10.U91				-	(28,543)
		USDA Potential ectomycorrhizal fung	10.U92				-	25,365
		USDA Predator-prey ecology and mng	10.U93				-	11,418
		USDA Processing & Analysis Bioacous	10.U94				-	128,863
		USDA Processing Analysis Bioacousti	10.U95				-	66,040
		USDA Protecting water security wild	10.U96				-	209,982
		USDA R1 Idaho NABat with NW Bat Hub	10.U97				-	15,957
		USDA R4 Idaho NABat with NW Bat Hub	10.U98				-	12,310
		USDA R6 Bat Hub Monitoring	10.U99				-	7,112
		USDA Remote Sensing Forest Biodiver	10.U01				-	101,988
		USDA Research Natural Area Establis	10.U02				-	4,009
		USDA Response Forest Aquatic Ecosys	10.U03				-	3,408
		USDA RPA Land-Use Modeling	10.U04				-	46,548
		USDA SageSTEP Travel/Administrative	10.U05				-	32,257
		USDA Scenario planning development	10.U06				-	147,218
		USDA Science Communication Outreach	10.U07				-	1,625
		USDA Socio-economic Incentives Driv	10.U08				-	10,278
		USDA Soil carbon stabilization Paci	10.U09				-	14,163
		USDA Southern Blues CFLRP Forest Ve	10.U10				-	(493)

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		USDA Spatial Ecology Survival Small	10.U11				-	(5,309)
		USDA stream flow monitoring program	10.U12				-	8,771
		USDA Support for the H.J. Andrews	10.U13				-	197,084
		USDA Sustainable Meadow Creek Cows	10.U14		USDA Forest Service	21-JV-11261962-022	-	36,539
		USDA Taxonomy Cottus gulosus - perp	10.U15				-	3,299
		USDA Taxonomy non-game freshwater f	10.U16				-	8,164
		USDA Timberland mrkts climate chang	10.U17				-	2,610
		USDA Undergrad Traineeship: Forst G	10.U18		USDA Forest Service	23-JV-11261957-009	-	4,090
		USDA Variation Abundance HJ Andrews	10.U19				-	(2,338)
		USDA Vegetation Analysis Accounts	10.U20				88,636	173,320
		USDA Vegetation mapping & analysis	10.U21				9,035	99,505
		USDA Verde River Flows & Aquatic	10.U22				-	135
		USDA Wildfire Risk Analytics	10.U23				-	325,440
		USDA Wildlife monitoring conserv	10.U24				-	24,665
		USDA Willamette Nat Forest Lidar	10.U25				-	(2,510)
		USDA Wood Plants Predict Stress	10.U26				-	(938)
		VAR-FED Ctr Intnsv Pltd-Forest Sil	10.U27				-	91,422
		VAR-FED Hardwoods Silviculture Res	10.U28				-	8,506
		VAR-FED NW Tree Improvemnt Co-op	10.U29				-	45,097
		VAR-FED Tree Improvement Research	10.U30				-	1,542
		VAR-FED Watersheds Research Coop	10.U31				-	17,667
		Wildfire Crisis Strategy Landscapes	10.716				-	6,754
		Wildlife Services	10.028				-	30,875
		Wood Utilization Assistance	10.674		Cold Climate Housing Research Center, Ir 2021-11		-	119,904
		Wood Utilization Assistance	10.674				-	94,461
	Department of Agriculture Total						4,166,182	43,739,750
	Department of Commerce	Arrangements for Interdisciplinary Research Infrastructure	11.619		Digital Manufacturing and Design Innova 70NANB22H011		-	139,490
		Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	11.478		George Mason University	E2039521	-	(0)
		Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	11.478		University of Maryland Center for Enviro	SA075258490 PO73557	-	28,946
		Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	11.478				166,916	872,555
		Climate and Atmospheric Research	11.431		Woods Hole Oceanographic Institution	A101397	-	1,568
		Climate and Atmospheric Research	11.431				2,663	547,890
		Cluster Grants	11.020		VertueLab	CG-SOW-OSU-2019-WheywardSpirit	-	180
		Coastal Zone Management Administration Awards	11.419		University of Michigan	SUBK00018014, PO 3007254556	-	98,536
		Coastal Zone Management Administration Awards	11.419		University of Oregon	290550D	-	15,473
		Coastal Zone Management Estuarine Research Reserves	11.420				-	53,229
		Coral Reef Conservation Program	11.482		National Fish and Wildlife Foundation	0810.20.068370	-	2,628
		Fisheries Development and Utilization Research and Development Grants and Cooperative Agreement	11.427				73,638	135,580
		Fisheries Disaster Relief	11.477		Pacific States Marine Fisheries Commissi	23-081G	-	2,439
		Habitat Conservation	11.463				-	-
		IAE PNW Blue Carbon Working Group	11.U01		Institute for Applied Ecology	SUBK00014242	-	20,037
		Integrated Ocean Observing System (IOOS)	11.012		Alaska Ocean Observing System	H3021	-	17,262
		Integrated Ocean Observing System (IOOS)	11.012		Monterey Bay Aquarium Research Institu	1611121 - Y5 2020-2021	-	(39,964)
		Integrated Ocean Observing System (IOOS)	11.012		Monterey Bay Aquarium Research Institu	PO2111133	-	53,387
		Integrated Ocean Observing System (IOOS)	11.012		University of South Florida	2500-1773-00-A / P000001724	-	16,284
		Integrated Ocean Observing System (IOOS)	11.012		University of Washington	UWSC9206 / BPO 16539	-	156,177
		Integrated Ocean Observing System (IOOS)	11.012		University of Washington	UWSC12122 / BPO51088	-	9,569
		Integrated Ocean Observing System (IOOS)	11.012		University of Washington	UWSC1339/BPO 61268	-	794,433
		Integrated Ocean Observing System (IOOS)	11.012				59,076	183,428
		Marine Mammal Data Program	11.439				-	135,491
		Marine Sanctuary Program	11.429				-	34,412
		Measurement and Engineering Research and Standards	11.609		Colorado State University	G-99042-05	-	221,962
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432		University of Maryland	83069-Z7554207	-	52,111
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432		University of New Hampshire	L0125	-	136,380
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432		University of Washington	UWSC12792/BPO 54900	-	34,465
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432		University of Washington	UWSC12920/BPO57794	-	123,664
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432		University of Washington	UWSC13284/BPO 60826	-	78,099
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432				-	2,845,012
		NGAX Research Assistance for Otdr Rc	11.U02		National Governors Association	230001166	-	42,379

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		NOAA NEWPORT OPERATION AND MAINTENA	11.U03				-	409,870
		NOAA Production of Mean Annual Max	11.U04				-	58,011
		Ocean Acidification Program (OAP)	11.017		Virginia Institute of Marine Science	723087-712683	-	153,045
		Ocean Acidification Program (OAP)	11.017				-	135,341
		Ocean Exploration	11.011		University of Washington	UWSC13853 / BPO67351	-	19,794
		Ocean Exploration	11.011				-	99,324
		ODFW Enhancing co-occurrence assess	11.U05		Oregon Dept of Fish & Wildlife	176-22	-	172,386
		ODFW Identifying co-occurrence whal	11.U06		Oregon Dept of Fish & Wildlife	174-19	-	50,436
		ODFW Monitoring Spatio-temporal Cha	11.U07		Oregon Dept of Fish & Wildlife	421-22	-	7,172
		OKSI Carbon isotope cross-calibrati	11.U08		Opto-Knowledge Systems Inc	18120501	-	71,665
		Pacific Fisheries Data Program	11.437		Pacific States Marine Fisheries Commissi	22-048G	-	(51)
		Sea Grant Support	11.417				183,159	2,992,196
		UMDES Living Marine Resources Cente	11.U09		University of Maryland Eastern Shore	NA16SEC4810007 / Year 1	-	4,943
		UMDES Living Marine Resources Coop	11.U10		University of Maryland Eastern Shore	NA16SEC4810007 / Year 2	-	599
		UMDES Living Marine Resources Coop	11.U11		University of Maryland Eastern Shore	NA16SEC4810007 / Year 4	-	6,791
		UMDES Living Marine Resources Coop	11.U12		University of Maryland Eastern Shore	NA16SEC4810007-Year 3 / PO7449	-	3,738
		UMDES Living Marine Resources Coop	11.U13		University of Maryland Eastern Shore	NA16SEC4810007 / Year 5	-	55,920
		UMDES Living Marine Resources Coop	11.U14		University of Maryland Eastern Shore	2022-4165	-	157,194
		Unallied Industry Projects	11.452				-	109,867
		Unallied Science Program	11.472		North Pacific Research Board	1903A / 1903B	-	32,729
		Unallied Science Program	11.472		North Pacific Research Board	1906A/1906B/1906OSRI	-	85,790
		Unallied Science Program	11.472		North Pacific Research Board	1909A / 1909B	-	32,797
		Unallied Science Program	11.472		North Pacific Research Board	A93-01c	-	(195)
		Unallied Science Program	11.472		North Pacific Research Board	1911A / 1911B	-	76,742
		Unallied Science Program	11.472		North Pacific Research Board	L36-02B	-	9,335
		Unallied Science Program	11.472		North Pacific Research Board	L36-02C	-	9,006
		Unallied Science Program	11.472		North Pacific Research Board	2204	-	33,911
		Unallied Science Program	11.472		Pacific States Marine Fisheries Commissi	20-40G	97,642	401,950
	Department of Commerce Total						583,094	12,003,406
Department of Defense		Air Force Defense Research Sciences Program	12.800		University of Texas at Austin	UTA16-001294	-	26,083
		Air Force Defense Research Sciences Program	12.800				-	400,920
		APTIM Evaluation of a Novel Multipl	12.U01		APTIM Federal Services, LLC	204711	-	3,810
		ARMY 09 Tactical Energy Systems Dev	12.U02				-	441
		ARMY Assessing & Mitigating Bias PF	12.U03				124,472	264,545
		ARMY Data-drivn uncrtnaiy redction	12.U04				-	41,956
		ARMY Development of a Prototype Geo	12.U05				-	1,706
		ARMY Develp, Eval & Tech Trnsfr BMP	12.U06				-	3,608
		ARMY Munition Mobility in Mix Grain	12.U07				-	15,014
		ARMY Oregon Coastal Dune Managemen	12.U08				-	77,276
		ARMY Photoperiodism Insect Phenolog	12.U09				9,442	9,423
		ARMY Processes Controlling Ignition	12.U10				-	339,476
		ARMY Quantification and Iden	12.U11				-	27,579
		ARMY Understand PFAs Source Zones	12.U12				11,770	12,645
		ARMY Understanding Neurotoxicity Ch	12.U13				-	68,956
		ARMY/SERDP Smoldering Combustion	12.U14				-	(396)
		ARMYCOE Field Assess PFAs-impacted	12.U15				-	17,059
		ASAI Smart AI Federated Engine for	12.U16		A10 Systems LLC DBA AiRANACULUS	PO-IARPA 2021-21062400004	-	102,222
		ATSL Design, Fabrication, Testing	12.U17		Arctos Technology Solutions, LLC	PO30-01024	-	13,957
		ATSL Design, Fabrication, Testing,	12.U18		Arctos Technology Solutions, LLC	FA8650-21-D-2014/FA8650-21-F-2	-	(1)
		BAH 3D Visualization and Inter	12.U19		Booz Allen Hamilton	A8320/FA8075-18-D-0004	-	112,802
		Basic and Applied Scientific Research	12.300		University of California / San Diego	KR 704622	-	290,247
		Basic and Applied Scientific Research	12.300		University of North Carolina, Chapel Hill	Sub 5120730/N00014-21-1-2184	-	8,344
		Basic and Applied Scientific Research	12.300		University of Notre Dame	204082OSU	-	69,032
		Basic and Applied Scientific Research	12.300		University of St. Andrews	SMC7-XOBO54	-	23,444
		Basic and Applied Scientific Research	12.300		University of Wisconsin - Madison	0000002101	151,221	165,981
		Basic and Applied Scientific Research	12.300				1,353,081	7,213,855
		Basic Scientific Research	12.431		Army	W911NF2110227	-	117,633
		Basic Scientific Research	12.431		University of Virginia	GG12239.PO#2210408	-	9
		Basic Scientific Research	12.431				-	624,351

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		Basic, Applied, and Advanced Research in Science and Engineering	12.630		Army Corps of Engineers	W912HZ2120045	-	1,346,779
		Basic, Applied, and Advanced Research in Science and Engineering	12.630		Columbia University	1(GG016718-01) SAPO G16704	-	84,852
		Basic, Applied, and Advanced Research in Science and Engineering	12.630				36,282	213,944
		BOIN Atmospheric Disturbance Classi	12.U20		The Boeing Company	PCN 2073912	-	194,609
		BSU 2D Nanomaterials Inks for Advan	12.U21		Boise State University	10127-PO141360	-	202,104
		BYU Hub-Based Colonies	12.U22		Brigham Young University	20-0559	-	71,480
		CDMF Coastal Storm Damages Prevente	12.U23		CDM Federal Programs Corporation	6513-004-003-CS/24358	-	78,354
		CDMF Long-Term Mass Discharge AFFF	12.U24		CDM Federal Programs Corporation	6500-001-004-CS	-	(3,030)
		CH2M Evaluation of a Naval Shipyard	12.U25		CH2M Hill, Inc	10006-7-107098	-	18,261
		Collaborative Research and Development	12.114		Towson University	41, Proj#5040389 PO#TOW0000189	-	57,907
		CSM Comp Forensic Approach Source A	12.U26		Colorado School of Mines	401867-5802	-	96,234
		DOD Development of Slow Release Com	12.U27				-	7,586
		DOD PFAS Compounds Packing Material	12.U28				-	621
		DOD SP4701-22-C-0069	12.U29				-	720,468
		ILLC Dev New Energetic Materials	12.U30		Imagars LLC	12.000	-	(0)
		Military Medical Research and Development	12.420		Scripps Research Institute	1150-06 / PO# C738795	-	54,810
		Military Medical Research and Development	12.420		University of Texas, Health Science Cente	170190/169837	-	18,884
		Military Medical Research and Development	12.420				-	319,643
		NAVY Desert bighorn sheep populatio	12.U31				-	43,917
		NAVY In-situ Biodegradation	12.U32				-	81,032
		NLLC Additive Manufacture of Nanoco	12.U33		Nanovox, LLC	PO NPA1679A Sub #N6833522C0683	-	6,756
		ONTO 2017 Phse 2 Scaling	12.U34		OnTo Technology LLC	2019	-	(116)
		RAY Command and Control of Aggregat	12.U35		Raytheon SAS	LBN9513582/4202048554	-	(804)
		RAY SYMBIANT	12.U36		Raytheon SAS	4202182976	-	(8,571)
		Research and Technology Development	12.910		Carnegie Mellon University	1190050-405770	-	0
		Research and Technology Development	12.910		Columbia University	1(GG014532-01)	-	31,739
		Research and Technology Development	12.910		Columbia University	1(GG107064-01)	-	43,008
		Research and Technology Development	12.910		US Department of the Interior	D18AP00063	88,635	88,658
		Research and Technology Development	12.910				522,528	2,546,163
		RTR Evaluation of Impacts of Avian	12.U37		Real Time Research	20170007-OSU	-	1
		Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program	12.330		SOFAR Ocean	Not Available	-	10,076
		Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program	12.330				-	75,345
		Scientific Research - Combating Weapons of Mass Destruction	12.351				55,863	117,915
		SRI Competency-Aware Reinforcement	12.U38		SRI International	41729	-	211,656
		SRI Guaranteeing AI Robustness	12.U39		SRI International	P044618	-	(204)
		SSC Teammate aware autonomy	12.U40		Scientific Systems Company Inc	SC-1656-02	-	(6,457)
		TAMU A new concept of "release	12.U41		Texas A & M University	M2201354-28-520780-00002	-	62,828
		TRSY Triton Directional Sensor Ph 2	12.U42		Triton Systems Inc	TSI-5036-22-20207071	-	18,015
		UAK Dvlping univeral beaked whale	12.U43		University of Auckland	3720925-S005 / PO SC0000209675	-	28,528
		UW Micro-Scale Wave Energy	12.U44		University of Washington	UWSC11389/BPO43021	-	18,207
		UW NAVFAC Marine Energy 2022	12.U45		University of Washington	UWSC14046/BPO68743	-	806
		UW NAVFAC Marine Energy FY21 & FY22	12.U46		University of Washington	UWSC13231/BPO 60467	-	709,049
		UW PacWave North Microgrid	12.U47		University of Washington	UWSC11130/BPO 39672	-	179,867
		UW Resident Undersea Autonomy - T2	12.U48		University of Washington	UWSC12017-BPO49408	-	681,583
		UW Resident Undersea Autonomy T1	12.U49		University of Washington	UWSC12016-BPO49406	-	269,268
		UWMX Techniques and Tools for De-BI	12.U50		University of Wisconsin - Madison	785K864	-	12,883
		Department of Defense Total					2,353,294	18,756,631
	Department of Education	Education Research, Development and Dissemination	84.305		WestEd	S-00017682	-	177,073
		Education Research, Development and Dissemination	84.305				3,748	700,678
		English Language Acquisition State Grants	84.365				35,921	679,681
		Gaining Early Awareness and Readiness for Undergraduate Programs	84.334				85,945	850,202
		GSU MAAAPS	84.U01		Georgia State University Research Found	SP00012139-08	-	(3,623)
		Special Education - Personnel Development to Improve Services and Results for Children with Disabiliti	84.325		East Carolina University	AWD-20-0512-S005	-	146,763
		Special Education - Personnel Development to Improve Services and Results for Children with Disabiliti	84.325				174,447	411,059
		Department of Education Total					300,061	2,961,832
	Department of Energy	Advanced Research Projects Agency - Energy	81.135		North Carolina State University	2021-2439-02	-	69,908
		Advanced Research Projects Agency - Energy	81.135		University of Michigan	SUBK00013939-PO3006806978	-	220,391
		Advanced Research Projects Agency - Energy	81.135				436,412	934,644

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		ANLW HTTF Testing 2016	81.U01		Idaho National Laboratory	00145660-014	-	(5,062)
		ANLW Post-Event Fuel Migration Exp	81.U02		Idaho National Laboratory	145660-00018	-	(3,197)
		ANLW Soft Robotics and Sensor Dev	81.U03		Idaho National Laboratory	145660-00040	-	203,444
		ANLW: OSU Support to INL for AquaPV	81.U04		Idaho National Laboratory	145660-46	-	114,393
		ARNL Planning for USHPRR LEU	81.U05		Argonne National Laboratory	1J-60043-0001A	-	267,278
		ASGUARD: Advanced Sea-Going Underw	81.U06		SubSeaSail LLC	Sub 7003-001, Prime DE-FOA-000	-	12,777
		BPA OSU NATAL ORIGINS	81.U07				-	20,480
		BNPL Design of structural inhomoge	81.U08		Battelle Pacific Northwest Laboratory	445770-601341	-	132,456
		BNPL DGRP - Lauren Palys	81.U09		Battelle Pacific Northwest Laboratory	445770-594267	-	37,087
		BNPL Distinguished Graduate Student	81.U10		Battelle Pacific Northwest Laboratory	445770-595435	-	37,839
		Conservation Research and Development	81.086		Electric Power Research Institute	10015940	-	235,108
		Conservation Research and Development	81.086		Forge Nano, Inc.	2021-3830	-	144,237
		Conservation Research and Development	81.086				97,782	286,268
		CRITFC Habitat conservation efforts	81.U11		Columbia River Inter-Tribal Fish Commiss	C20-01 PO C2000140	-	(806)
		CRITFC Quantifying Chinook Salmon	81.U12		Columbia River Inter-Tribal Fish Commiss	C22-04 C2200440	-	40,597
		DOE Avian Pred Juvenile Salmonids	81.U13				547,930	600,332
		DOE Evaluate Reproductive Success	81.U14				-	(15)
		DOE Ocean Survival Of Salmonids	81.U15				-	576,187
		DTNA Supertruck 3 - Energy Managem	81.U16		Daimler Trucks North America	DE-FOA-0002450 PO 3410191320	-	56,358
		Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122		University of Illinois, Urbana-Champaign	078620-17941	-	6,548
		Environmental Remediation and Waste Processing and Disposa	81.104		Vanderbilt University	UNIV59366 (formerly 19067-2)	-	406,803
		Fossil Energy Research and Development	81.089		University of Texas at Austin	UTA17-000274	-	67,385
		Fossil Energy Research and Development	81.089				-	99
		INL An accelerated assessment of th	81.U17		Idaho National Laboratory	Release #1 263242	-	19,999
		INL Assessment of the Corrosion Per	81.U18		Idaho National Laboratory	263242	-	32,883
		INL Flash Neutron Radiograph	81.U19		Idaho National Laboratory	145660-0037	-	(5,802)
		INL Flow Testing Facility Standby	81.U20		Idaho National Laboratory	145660-00028	-	82,433
		INL Fluidic Testing of Enhanced Hea	81.U21		Idaho National Laboratory	263242-7	-	41,361
		INL Methane Upgrading Using Dynam	81.U22		Idaho National Laboratory	145660-45	-	75,003
		INL Muti-Scale, Rapid & Comp PIE	81.U23		Idaho National Laboratory	145660-0032	-	(595)
		INL National University Consortium	81.U24		Idaho National Laboratory	145660-00019	-	203,277
		INL NEUTRONIC ANALYSIS OF THE KSU	81.U25		Idaho National Laboratory	145660-47	-	38,597
		INL Participation in Scaling the Mi	81.U26		Idaho National Laboratory	263242-2	-	80,450
		INL Propane Dehydrogenation Using A	81.U27		Idaho National Laboratory	263242-5	-	52,677
		INL Pump Commissioning Flow Test	81.U28		Idaho National Laboratory	145660-00017	-	836,631
		INL Situ Mechanical & Corrosion T	81.U29		Idaho National Laboratory	145660-00025	-	(94)
		INL SUPPORTING DESIGN AND ANALYSIS	81.U30		Idaho National Laboratory	263242-6	-	38,205
		INL TREAT HENRI - System Modeling	81.U31		Idaho National Laboratory	145660-0021	-	(19,787)
		INL TREAT HENRI-PROTOTYPE	81.U32		Idaho National Laboratory	145660-0036	-	14,421
		ISL On the Study of Gravimeter	81.U33		ISL Inc	SUBcontract 10005 PO 1530127	-	(3,504)
		LANL Adv Monte Carlo Radiation	81.U34		Los Alamos National Laboratory	CW12583 / EP28539 / EP108530	-	46,479
		LANL Prep of targets for LANL	81.U35		Los Alamos National Laboratory	541384	-	(14,082)
		LBNL AmeriFlux Management Project C	81.U36		Lawrence Berkeley National Lab	7542255	-	248,346
		LBNL Optimizing Bio-jet Fuel Blends	81.U37		Lawrence Berkeley National Lab	7616331/DE-AC02-05CH11231	-	66,358
		LEID Controlld-Srce Electromagnetic	81.U38		Leidos Inc	P010225898 TO #2	-	174,531
		LEID NETL Task 4: Constraining Ki	81.U39		Leidos Inc	P010225898 TO 4	-	43,768
		LEID WAAM process development for	81.U40		Leidos Inc	P010225898 TO 6	-	3,774
		LLNL A Systems Biology Approach	81.U41		Lawrence Livermore National Laboratory	B644462	-	61,351
		LLNL Energy Exascale Earth System	81.U42		Lawrence Livermore National Laboratory	B645995	-	131,468
		LLNL Fission TPC	81.U43		Lawrence Livermore National Laboratory	B642773	-	8,904
		LLNL Gamma-ray spectroscopy	81.U44		Lawrence Livermore National Laboratory	B636419	-	50,363
		LLNL Mercury on GPUs	81.U45		Lawrence Livermore National Laboratory	B643121	-	3,578
		LLNL Nuclear Criticality Safety	81.U46		Lawrence Livermore National Laboratory	B648412	-	57,052
		LLNL TPC Target Making	81.U47		Lawrence Livermore National Laboratory	B630762	-	26,475
		Local time stepping for multi-resol	81.U48		Oak Ridge Associated Universities Inc	2023-2439	-	38,442
		NREL Marine & Hydrokinetic Sites	81.U49		DOE National Renewable Energy Lab	AGZ-9-92287-01	-	5,023
		NREL Model Valida Site Character	81.U50		DOE National Renewable Energy Lab	SUB-2021-10509	-	64,798
		NREL Permanent Modular Construction	81.U51		DOE National Renewable Energy Lab	SUB-2020-10207	-	(3,357)
		NREL Renewing Wave Energy Testing	81.U52		DOE National Renewable Energy Lab	XEJ-9-92109-01	-	(84)
		NREL Solar Co-Loc Dry Farmed Veg	81.U53		DOE National Renewable Energy Lab	SUB-2023-10103	-	59,778

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		Nuclear Energy Research, Development and Demonstration	81.121		University of Idaho	EH3005-SB-762925	-	440
		Nuclear Energy Research, Development and Demonstration	81.121		University of Tennessee	A22-0547-S001	-	109,246
		Nuclear Energy Research, Development and Demonstration	81.121				373,712	920,459
		ODOE Radiological Emergency Respons	81.U54		Oregon Dept of Energy	21-006	-	9,127
		Office of Science Financial Assistance Program	81.049		Georgetown University	AWD7775396-GR285231	-	100,646
		Office of Science Financial Assistance Program	81.049		Hydronalix, Inc.	7068-01	-	(58)
		Office of Science Financial Assistance Program	81.049		Ocean Motion Technologies Inc	DE-SC0022787	-	50,984
		Office of Science Financial Assistance Program	81.049		Pennsylvania State University	5000311-DOE	-	60,766
		Office of Science Financial Assistance Program	81.049		Raytheon SAS	1262217 PO2608118	-	98,254
		Office of Science Financial Assistance Program	81.049		Sironix Renewables, Inc.	DE-SC0022778	-	66,499
		Office of Science Financial Assistance Program	81.049		Stanford University	62216029-148997	-	38
		Office of Science Financial Assistance Program	81.049		SubSeaSail LLC	7000-01	-	(21)
		Office of Science Financial Assistance Program	81.049		University of Colorado Boulder	1559976 / PO#1001426898	-	2,965
		Office of Science Financial Assistance Program	81.049		University of Washington	UWSC12419 / BPO56704	-	35,112
		Office of Science Financial Assistance Program	81.049		Voxtel, Inc	DE-SC0019697 PO#268420	-	99,218
		Office of Science Financial Assistance Program	81.049				315,431	1,299,262
		ORNL Populus trichocarpa foliar exp	81.U55		DOE Oak Ridge National Laboratory	4000192739	-	(3,881)
		ORNL Septoria gene drive project	81.U56		DOE Oak Ridge National Laboratory	4000178229/4000192682	-	(26)
		PNNL Boiteau Joint Appointment Ag	81.U57		DOE Pacific Northwest National Lab	445770-448636	-	20
		PNNL Community centered design meth	81.U58		DOE Pacific Northwest National Lab	658629	-	39,700
		PNNL DGRP - Margaret Conley	81.U59		DOE Pacific Northwest National Lab	445770-594075	-	39,848
		PNNL Distinguished Grad Research	81.U60		DOE Pacific Northwest National Lab	445770-482917	-	(68)
		PNNL Distinguished Grad Research	81.U61		DOE Pacific Northwest National Lab	445770-572646	-	34,992
		PNNL Electrochemical CO2 reduction	81.U62		DOE Pacific Northwest National Lab	445770-605929	-	(430)
		PNNL Fabricate and test electrodes	81.U63		DOE Pacific Northwest National Lab	PO#605552	-	(486)
		PNNL Field Measurement of Waterborn	81.U64		Battelle Pacific Northwest Laboratory	651411	-	74,127
		PNNL Incorporation of Alternative	81.U65		DOE Pacific Northwest National Lab	445770-624897	-	29,308
		PNNL Industrial Engineering Support	81.U66		DOE Pacific Northwest National Lab	445770-549172	-	79,521
		PNNL Industrial Engineering Support	81.U67		DOE Pacific Northwest National Lab	662749	-	46,835
		PNNL Influence of coadsorbates and	81.U68		DOE Pacific Northwest National Lab	659702	-	12,460
		PNNL Irradiation effects on ductile	81.U69		DOE Pacific Northwest National Lab	641360	-	27,422
		PNNL Joint Appointment Agreement	81.U70		DOE Pacific Northwest National Lab	445770-448609	-	20,248
		PNNL Molecular Interaction with Xen	81.U71		DOE Pacific Northwest National Lab	445770-489084	-	7,451
		PNNL Moreno DGRP Fellowship	81.U72		DOE Pacific Northwest National Lab	646203	-	20,271
		PNNL OSU - PNNL joint appointment f	81.U73		DOE Pacific Northwest National Lab	445770	-	(30,372)
		PNNL OSU DGRP Fellow Jeffrey Dhas	81.U74		DOE Pacific Northwest National Lab	643603	-	35,506
		PNNL Predicting permafrost in AK	81.U75		DOE Pacific Northwest National Lab	445770-490171	-	23,436
		PNNL Quantify Ecosystem Metabolomes	81.U76		DOE Pacific Northwest National Lab	637423	-	34,038
		PNNL River corridor hydrobiogeochem	81.U77		DOE Pacific Northwest National Lab	608983	-	58,284
		PNNL Searching for new pathways and	81.U78		DOE Pacific Northwest National Lab	649731	-	30,188
		PNNL Self-Healing Encryption for Re	81.U79		DOE Pacific Northwest National Lab	605439	-	109,431
		PNNL Statistical Support for the Un	81.U80		DOE Pacific Northwest National Lab	445770-555650	-	(0)
		PNNL Transcriptomics tool measure e	81.U81		DOE Pacific Northwest National Lab	638911	-	64,506
		PNNL Triton Communications, Outreac	81.U82		Battelle Pacific Northwest Laboratory	666598	-	1,277
		PNNL Uranium Fuel Fabrication	81.U83		DOE Pacific Northwest National Lab	445770-446280	-	(99)
		POET Task Order_OSU_3: MJP&A	81.U84		Pacific Ocean Energy Trust	OSU_3b_MJP&A	-	106,414
		POET Task Order_OSU_5: Ocean Motion	81.U85		Pacific Ocean Energy Trust	OSU_5_OceanMotion	-	101,574
		Predictive Science Academic Alliance Program	81.124				495,606	994,454
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	DE-EE000788-08.6	-	(148)
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	DE-EE007888-10.4	-	(43)
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	RAPID Project Management	-	(0)
		Renewable Energy Research and Development	81.087		Arizona State University	ASUB00000540	-	21,312
		Renewable Energy Research and Development	81.087		Daimler Trucks North America	DE-FOA-0002450 PO 3410193340	-	29,478
		Renewable Energy Research and Development	81.087		Michigan State University	RC111121-OSU	-	138,685
		Renewable Energy Research and Development	81.087		University of Alaska - Fairbanks	UA 22-0043	-	141,597
		Renewable Energy Research and Development	81.087		University of California, Los Angeles	4550 GZA041	10,000	8,399
		Renewable Energy Research and Development	81.087		University of Georgia	SUB00002260	-	25,509
		Renewable Energy Research and Development	81.087		University of Texas at Austin	UTAUS-SUB00000910	-	64,671
		Renewable Energy Research and Development	81.087		University of Washington	UWSC11791 / BPO47430	-	462,952
		Renewable Energy Research and Development	81.087		University of Washington	UWSC13234/BPO 60501	-	52,001

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		Renewable Energy Research and Development	81.087				582,983	29,384,683
		SNL Developing a Predictive Neutron	81.U86		Sandia National Laboratories	PO #2354988	-	177,895
		SNL Developing Dynamic and Uncertai	81.U87		Sandia National Laboratories	PO 2425665	-	37,843
		SNL FOSWEC Digital Twin	81.U88		Sandia National Laboratories	2218113	-	43,657
		SNL Grand Challenge LDRD	81.U89		Sandia National Laboratories	PO# 2214652	24,599	217,199
		SNL Mini-DAQ for Wave Energy Conver	81.U90		Sandia National Laboratories	PO# 2221197	-	93,259
		SNL Neutron Radiography Capability	81.U91		Sandia National Laboratories	2449465	-	42,531
		SNL WEC Control Constraint Handling	81.U92		Sandia National Laboratories	PO#2206686	-	69,525
		SNL WEC control develop and testing	81.U93		Sandia National Laboratories	PO #2354608	-	100,477
		Stewardship Science Grant Program	81.112		University of Notre Dame	203186OSU	-	197,126
		Stewardship Science Grant Program	81.112				-	99,272
		TP In-situ Mechanical Testing in Li	81.U94		TerraPower	Task Order 1 - TP-PO-002018	26,344	699,577
		TP In-Situ Tribological Testing in	81.U95		TerraPower	Task Order 3 - TP-PO-003033	-	12,041
		TP Oregon State University Sodium	81.U96				-	441,574
		UCOB Thin film growth for lithium	81.U97		University of Colorado Boulder	1562225 / PO#1001693635	-	40,446
	<i>Department of Energy Total</i>						2,910,799	44,431,056
	Department of Health and Human Services	ABTA Epidemiology and Infection Con	93.U01		Abt Associates	54278	-	136,226
		Aging Research	93.866		Boston University	4500004670	-	52,379
		Aging Research	93.866		Rutgers, The State University of New Jers	SUB00002470 - PO#25244946	-	81,854
		Aging Research	93.866		Rutgers, The State University of New Jers	SUB00002471 - PO 25244949	-	87,759
		Aging Research	93.866		University of Colorado Denver	FY23.622.005/PO#1001799396	-	1,072
		Aging Research	93.866				252,258	681,564
		Alcohol Research Programs	93.273				17,431	82,526
		Allergy and Infectious Diseases Research	93.855		Henry M Jackson Foundation	4744 / PO 972214	-	15,927
		Allergy and Infectious Diseases Research	93.855		Henry M Jackson Foundation	4745 / PO 972216	-	269,122
		Allergy and Infectious Diseases Research	93.855		Mount Sinai School of Medicine	0255-A135-4609	-	43,957
		Allergy and Infectious Diseases Research	93.855		Scripps Research Institute	5-54840 / PO# C739296	-	141,826
		Allergy and Infectious Diseases Research	93.855		University of California, Irvine	2020-1295	-	(336)
		Allergy and Infectious Diseases Research	93.855		University of Kentucky Research Foundat	320004582-22-239/PO 7800006491	-	18,163
		Allergy and Infectious Diseases Research	93.855		University of Massachusetts Medical Sch	OSP35019-00/POWA01097032	-	53,716
		Allergy and Infectious Diseases Research	93.855		University of Washington	UWSC9071 / BPO 15471	-	(22,608)
		Allergy and Infectious Diseases Research	93.855		University of Washington	UWSC14153/BPO69590	-	58,869
		Allergy and Infectious Diseases Research	93.855				156,301	1,434,451
		Arthritis, Musculoskeletal and Skin Diseases Research	93.846				-	342,438
		Assistance Programs for Chronic Disease Prevention and Contro	93.945		Oregon Health Authority	158380	-	15,892
		Biomedical Research and Research Training	93.859		Oregon Health & Science University	1018661_OSU/1R01GM141733-01	-	234,862
		Biomedical Research and Research Training	93.859		Purdue University	11001041-053	-	1,000
		Biomedical Research and Research Training	93.859		University of Georgia	SUB00002035	-	31,963
		Biomedical Research and Research Training	93.859		University of Georgia	SUB00002121/ #26681	-	1,421
		Biomedical Research and Research Training	93.859		University of Nebraska	34-5360-2076-001	-	(26,628)
		Biomedical Research and Research Training	93.859		University of Nebraska Medical Center	34-5360-2083-005	-	181,659
		Biomedical Research and Research Training	93.859		University of Pittsburgh	AWD0003094 (135236-1)	-	155,590
		Biomedical Research and Research Training	93.859				203,211	1,782,094
		BMI Inter-laboratory Study Effects	93.U02		Battelle Memorial Institute	US 001-0000751237	-	25,990
		Cancer Cause and Prevention Research	93.393		Kaiser Foundation Hospitals	NW83982	-	111,630
		Cancer Cause and Prevention Research	93.393				-	41,357
		Cancer Detection and Diagnosis Research	93.394				210,267	604,514
		Cancer Treatment Research	93.395				-	24,421
		Cancer Treatment Research	93.395		Pacific University	PU-OSU-01-2019-00	-	134,442
		Cardiovascular Diseases Research	93.837		Harvard Pilgrim Health Care Inc	AH000766 / PH000766A/ PO#20112	-	184,686
		Cardiovascular Diseases Research	93.837		Ossium Health	2R44HL42418-02	-	(281)
		CDC Exoskeleton Study	93.U03				-	32,337
		Child Health and Human Development Extramural Research	93.865		21st Century Medicine, Inc.	PTE Fed Awd No 1R44HD104531-01	-	37,863
		Child Health and Human Development Extramural Research	93.865		Montana State University	G250-21-W8694	-	84,920
		Child Health and Human Development Extramural Research	93.865		Oregon Health & Science University	1013518_OSU	-	18,818
		Child Health and Human Development Extramural Research	93.865				279,276	1,639,550
		COH Growing the Community Integrate	93.U04		Comagine Health	4100.CE.02.OSU	-	48,674
		Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		Oregon Health & Science University	1013984_OSU	-	27,985
		Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		University of Massachusetts Medical Sch	SUB0000140 / WAO1283454	-	82,805

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847				-	236,378
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		Georgia Regents University	33585-1	-	80,358
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		Oregon Health & Science University	1019667_OSU	-	178,100
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		University of Oregon	R21EB032112 / 217640A	-	21,899
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286				-	193,215
		Drug Abuse and Addiction Research Programs	93.279		Brandeis University	GR403953_OSU	-	31,314
		Drug Abuse and Addiction Research Programs	93.279		Oregon Health & Science University	1011286_OSU	-	23,707
		Drug Abuse and Addiction Research Programs	93.279		Oregon Health & Science University	1012350_OSU	-	46,432
		Drug Abuse and Addiction Research Programs	93.279		Oregon Health & Science University	1012803_OSU	-	(7,167)
		Drug Abuse and Addiction Research Programs	93.279				313,593	475,292
		ELAM Assessment of Drug Abuse	93.005		E-Lambda LLC	2020-R41DA051094	-	7,583
		Environmental Health	93.113		North Carolina State University	2022-1251-01	-	64,568
		Environmental Health	93.113		Triton Systems Inc	TSI-5085-22-20209920	-	18,876
		Environmental Health	93.113		University of California at San Francisco	10473sc	-	48,653
		Environmental Health	93.113		University of California, Irvine	2019-3784	-	22,030
		Environmental Health	93.113		Wake Forest University	215-39243-10000550032	-	(1,143)
		Environmental Health	93.113		Washington State University	141774 SPC004974	-	23,660
		Environmental Health	93.113		Woods Hole Oceanographic Institution	A101613 / 21388800	-	13,201
		Environmental Health	93.113				412,746	5,335,488
		Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		Oregon Health Authority	165122-0	-	2,828,961
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Dartmouth-Hitchcock Clinic	GC10418-02-DGR15362	-	(1,087)
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Emory University	A785638	-	2,241
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Epitel Inc	U44NS121562	-	169,326
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Massachusetts General Hospital	239325	-	928
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Oregon Health & Science University	1022299_OSU	-	45,270
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		University of Illinois, Chicago	19215	-	98,106
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853				8,924	250,489
		Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		The Ohio State University	GR121521	-	(248)
		Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		The Ohio State University	GR124341 SPC-1000006386	-	7,404
		Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		The Ohio State University	GR129115 SPC-1000007180	-	21,730
		Food and Drug Administration_Research	93.103				-	166,238
		Injury Prevention and Control Research and State and Community Based Programs	93.136		Oregon Health & Science University	1013842_OSU	-	51,143
		IU Measurement error correction app	93.006		Indiana University	BL 9323 / PO0542576	-	84,805
		Lung Diseases Research	93.838				238,833	886,681
		Mental Health Research Grants	93.242				146,406	289,733
		National Center for Advancing Translational Sciences	93.350		Initos Pharmaceuticals LLC	2020-R44TR002692	-	38,724
		National Center for Advancing Translational Sciences	93.350		Oregon Health & Science University	1011902_OSU	-	(221)
		National Center for Advancing Translational Sciences	93.350		Oregon Health & Science University	1011902-003_OSU	-	(11)
		National Center for Advancing Translational Sciences	93.350		Oregon Health & Science University	1019388_OSU	-	33,944
		National Center for Advancing Translational Sciences	93.350				1,022,544	1,516,951
		National Center on Sleep Disorders Research	93.233				-	116,651
		NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143				28,067	2,885,949
		NRPC CHW Common Indicators Project	93.U07		Northwest Regional Primary Care Associa; CA #230090		-	24,994
		Nurse Education, Practice Quality and Retention Grants	93.359				18,289	826,336
		Occupational Safety and Health Program	93.262		University of Washington	UWSC9328 / BPO 17849	-	92,352
		Occupational Safety and Health Program	93.262		University of Washington	UWSC13276/BPO60815	-	(2,374)
		Occupational Safety and Health Program	93.262		University of Washington	UWSC14305 / BPO70802	-	4,516
		Occupational Safety and Health Program	93.262		University of Washington	UWSC14146 / BPO69507	-	9,597
		Occupational Safety and Health Program	93.262		University of Washington	UWSC14108 / BP070614	-	42,367
		Occupational Safety and Health Program	93.262				91,445	473,394
		Opioid STR	93.788		Oregon Health & Science University	101968_OSU	-	10,396
		Opioid STR	93.788				-	340,626
		Oral Diseases and Disorders Research	93.121		Oregon Health & Science University	1016489_OSU	-	36,044
		Oral Diseases and Disorders Research	93.121				172,690	587,389
		Research and Training in Complementary and Integrative Health	93.213		Oregon Health & Science University	1016338_OSU	-	352,357
		Research and Training in Complementary and Integrative Health	93.213		University of Oklahoma	2022-12/R01AT011618	-	84,427
		Research and Training in Complementary and Integrative Health	93.213				24,384	494,568
		Research Infrastructure Programs	93.351		Ramona Optics, Inc.	2R44OD024879-04-OSU-Tanguay	-	181,953
		Research Infrastructure Programs	93.351		University of Oregon	217090A	-	26,991
		Research Infrastructure Programs	93.351				34,948	90,773

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		Research on Healthcare Costs, Quality and Outcomes	93.226		University of Wisconsin - Madison	000001013	-	(106)
		Research on Healthcare Costs, Quality and Outcomes	93.226		University of Wisconsin - Madison	000001841	-	14,462
		Research on Healthcare Costs, Quality and Outcomes	93.226		University of Wisconsin - Madison	2745	-	24,301
		Research on Healthcare Costs, Quality and Outcomes	93.226				55,916	226,966
		Research Related to Deafness and Communication Disorders	93.173				-	302,016
		SAMH 2021 Communities Talk	93.U08				-	(2)
		Sodium Reduction in Communities	93.082		Oregon Health Authority	153667	-	(180)
		Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243		Washington State University	142920 SPC004743	-	32,215
		Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243				-	57,942
		Trans-NIH Research Support	93.310		Columbia University	1(GG013062-05)/G15981	-	12,522
		Trans-NIH Research Support	93.310		Columbia University	3(GG013062-11)\SAPO G17035	-	23,467
		Vision Research	93.867				204,813	429,711
		VTU Exoskeletons as an Innovative	93.U09		Virginia Tech	412604-19201	-	22,564
		Welfare Reform Research, Evaluations and National Studies	93.595				-	86,275
		<i>Department of Health and Human Services Total</i>					4,026,783	30,540,008
Department of Homeland Security		Assistance to Firefighters Grant	97.044				-	(1)
		Centers for Homeland Security	97.061		University of North Carolina, Chapel Hill	5101654	-	(13,190)
		Centers for Homeland Security	97.061		University of North Carolina, Chapel Hill	5125249	-	111,984
		Hazard Mitigation Grant	97.039		Oregon Dept of Land Conservation & Dev	21021	-	15,093
		Hazard Mitigation Grant	97.039		Oregon Office of Emergency Managemer	HMGP-DR-4562-12-P-OR	-	4,810
		Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies R	97.077				-	589,092
		ODLC Future Projection Reports for	97.U01		Oregon Dept of Land Conservation & Dev	IAA#21110	-	11,502
		ODLC Future Projections Report for	97.U02		Oregon Dept of Land Conservation & Dev	21112	-	3,818
		<i>Department of Homeland Security Total</i>					-	723,108
Department of the Interior		Adaptive Science	15.670				-	31,071
		Assessing changes in the distributi	15.U01				-	35,113
		Assistance to State Water Resources Research Institutes	15.805		University of Kentucky Research Foundat	3210002070-22-130	-	4,048
		Assistance to State Water Resources Research Institutes	15.805				-	112,000
		BCI Develop targeted treatment Pd	15.U02		Bat Conservation International	Not Available	-	7,591
		BLM Terrestrial AIM Vegetation Samp	15.U03				-	912
		BLM Wildland Urban Interface Community Fire Assistance	15.228				-	4,024
		Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423		University of Alaska - Fairbanks	UA 22-0030	-	76,250
		Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423				19,739	92,022
		Coastal	15.630				-	70,086
		Cooperative Ecosystem Studies Units	15.678				-	34,821
		Cooperative Research and Training Programs Resources of the National Park System	15.945				2,620	1,328,324
		Cooperative Research Units	15.812				-	1,965,186
		DSC Evaluation pyrethroid toxicity	15.U04		Delta Stewardship Council	18206	-	(357)
		Earthquake Hazards Program Assistance	15.807				-	4,030
		Endangered Species - Candidate Conservation Action Funds	15.660				-	8,928
		Endangered Species Conservation Recovery Implementation Funds	15.657				-	30,274
		Fish and Wildlife Coordination and Assistance	15.664				-	105,709
		Fish and Wildlife Management Assistance	15.608				-	43,451
		Fish, Wildlife and Plant Conservation Resource Management	15.231				-	(6,770)
		Fisheries and Aquatic Resources Management	15.244				-	81,217
		HDR Whale Tagging Analyses	15.U05		HDR One Company	1000300001166	-	26,699
		Migratory Bird Monitoring, Assessment and Conservation	15.655				-	1,490
		National Climate Change and Wildlife Science Center	15.820		University of California, Davis	A21-2354-S001	-	10,253
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC11700 BPO46346/47/48/51etc	-	48,058
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC13136 BPO#59768/68711	-	172,591
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC13835 BPO67275	-	53,338
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC13792 BPO67274	-	5,943
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC13955 BPO#68107	-	64,331
		National Climate Change and Wildlife Science Center	15.820		University of Washington	BPO69035/UWSC14089	-	24,358
		National Land Remote Sensing_Education Outreach and Research	15.815		AmericaView	AV18-OR-01	-	23,891
		National Landscape Conservation System	15.248				-	22,392
		National Wildlife Refuge System Enhancements	15.654				-	25,396
		Natural Resource Damage Assessment, Restoration and Implementation	15.658				-	(447)

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		Natural Resource Stewardship	15.944				-	52,195
		ODFW Determining Western Yellow Rai	15.U06		Oregon Dept of Fish & Wildlife	235-22	-	90,227
		ODFW Estimate carnivore densities S	15.U07		Oregon Dept of Fish & Wildlife	071-22	-	102,420
		ODFW Estimate mule der diet	15.U08		Oregon Dept of Fish & Wildlife	360-22	-	33,058
		ODFW Examining ocean acidification	15.U09		Oregon Dept of Fish & Wildlife	171-22	-	61,075
		ODFW Habitat use survival ringtail	15.U10		Oregon Dept of Fish & Wildlife	145-20	-	11,029
		ODFW Pop Assess Western Sooty Grou	15.U11		Oregon Dept of Fish & Wildlife	057-20	-	168,305
		ODFW Response Carnivores Redcd Prey	15.U12		Oregon Dept of Fish & Wildlife	107-20	-	135,612
		ODFW Sage Grouse Raven Study Baker	15.U13		Oregon Dept of Fish & Wildlife	187-21	-	238,955
		ODFW Western Oregon Elk Habitat Use	15.U14		Oregon Dept of Fish & Wildlife	326-20	-	86,456
		Partners for Fish and Wildlife	15.631				-	213,495
		Plant Conservation and Restoration Management	15.245				-	437,621
		PSU Oregon/Washington Terrestrial A	15.U15		Portland State University	100255	-	575,143
		PSUX BLM Northern California Terres	15.U16		Portland State University	100257	-	208,958
		Rangeland Resource Management	15.237				-	1,816
		Threatened and Endangered Species	15.246				-	45,248
		U.S. Geological Survey_ Research and Data Collection	15.808				653,957	1,431,446
		UCD Identifying mechanisms, populat	15.U17		University of California, Davis	A22-1041-S002	-	111,149
		USDI AIM Veg Sampling PN LEN-3 for	15.U18				477,017	478,496
		USDI Complete PNW Lentic AIM Vegeta	15.U19				250,308	251,788
		USDI Continued Computer Support	15.U20				-	6,641
		USDI Interactive Effects of Predato	15.U21				-	108,021
		USDI Interactive Effects Predators	15.U22				-	18,727
		USDI PN-14 Terr AIM Veg	15.U23				79,679	80,179
		USDI PN-16. PNW Terr AIM Vegetati	15.U24				-	1,091
		USDI PN-22 NW Terrestrial	15.U25				14,523	38,307
		USDI PN-25. PNW Terrestrial AIM Veg	15.U26				-	87,136
		USDI PN-26: PNW Terrestrial AIM Veg	15.U27				-	397
		USDI PN-30. PNW Terrestrial AIM Veg	15.U28				-	7,739
		USDI PN-31. PNW Terrestrial AIM Veg	15.U29				-	89,105
		USDI PN-33: PNW Terrestrial AIM Veg	15.U30				991,459	992,939
		USDI PN-34: PNW Terrestrial AIM Veg	15.U31				78,853	80,333
		USDI PN-36. PNW Terrestrial AIM Veg	15.U32				-	92,299
		USDI PN-41: Data Specialist for BLM	15.U33				68,202	69,682
		USDI PN-42. PNW Terrestrial AIM,	15.U34				31,040	359,234
		USDI PN-43. PNW Terrestrial AIM Veg	15.U35				-	182,383
		USDI PN-LEN-1 Idaho Lentic (wetland	15.U36				79,842	82,353
		USDI Vya Juniper Removal	15.U37				-	(5,980)
		Wildland Fire Research and Studies	15.232				11,519	74,991
		Wildlife Resource Management	15.247		Institute for Wildlife Studies	2023-541	-	15,176
		Wildlife Resource Management	15.247				-	814,196
	<i>Department of the Interior Total</i>						2,758,757	12,435,664
	Department of State	International Programs to Combat Human Trafficking	19.019		University of Georgia	SUB00002269	-	23,432
		Public Diplomacy Programs	19.040		American Councils for International Educ Not Available		-	5,604
	<i>Department of State Total</i>						-	29,036
	Department of Transportation	Air Transportation Centers of Excellence	20.109				-	1,080,835
		Cascadia Lifelines Research Consort	20.U01				-	14,773
		CDOT Implementation of advanced tec	20.U02		California Department of Transportation	65A0974	-	22,563
		CDOT Portland-Limestone Cement	20.U03		California Department of Transportation	65A0677	-	(19)
		DOT Disaster Preparedness	20.U04				-	106,918
		DOT Enhance Rural Virtual Civic Prt	20.U05				-	34,546
		DOT Phase III Testing for Wheeled	20.U06				-	24,460
		Highway Research and Development Program	20.200		Iowa State University	019859WO2B	-	145,135
		Highway Research and Development Program	20.200		National Academy of Sciences	HR 10-112/PO SUB0001930	-	24,380
		Highway Research and Development Program	20.200		Oregon Dept of Transportation	30530-22-01	2,884	145,097
		Highway Research and Development Program	20.200		Toole Design Group LLC	50840	-	79,683
		Highway Research and Development Program	20.200		University of Florida	SUB00001970	-	50,650
		Highway Research and Development Program	20.200		University of Texas at Austin	UTA19-000521	-	468

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		Highway Research and Development Program	20.200				-	50,096
		Highway Training and Education	20.215		Dept of Transportation	693JJ32345008	-	35,375
		ISU Preventing Potential Alkali-Si	20.U07				46,371	172,786
		NAS Rapid Restore of Service Bridge	20.U08		National Academy of Sciences	HR 14-45 SUB0001579 Unit 905	3,653	64,817
		ODOT Alternative High Early Strengt	20.U09		Oregon Dept of Transportation	30530-21-09	-	69,059
		ODOT AUTOMATED METHODS FOR CORRECT	20.U10		Oregon Dept of Transportation	30530-22-08	-	93,681
		ODOT Automated Wildlife Detection	20.U11		Oregon Dept of Transportation	30530-23-07	-	84,707
		ODOT Automating lidar data to devel	20.U12		Oregon Dept of Transportation	30530-22-02	-	102,387
		ODOT BRIDGE COLUMN FOOTING PERFORM	20.U13		Oregon Dept of Transportation	30530-20-06	-	21,152
		ODOT Centerline Rumble Strip Effect	20.U14		Oregon Dept of Transportation	30530-20-08	-	6,248
		ODOT Design and Life-Cycle Gabion B	20.U15		Oregon Dept of Transportation	30530-20-03	15,498	2,223
		ODOT DEVELOPMENT OF PROCEDURES AND	20.U16		Oregon Dept of Transportation	30530-22-09	-	141,523
		ODOT Durable Concrete Pavements	20.U17		Oregon Dept of Transportation	30530-19-12	-	(425)
		ODOT EVALUATION OF ELECTRONIC ENFOR	20.U18		Oregon Dept of Transportation	30530-22-03	33,347	106,909
		ODOT IMPLEMENTATION OF BALANCED MIX	20.U19		Oregon Dept of Transportation	30530-22-04	-	141,034
		ODOT Implementation Training SPR809	20.U20		Oregon Dept of Transportation	30530-22-07	-	(76)
		ODOT Improved Rockslope Safety for	20.U21		Oregon Dept of Transportation	30530-23-02	-	93,045
		ODOT INCREASING ASPHALT RECYCLING	20.U22		Oregon Dept of Transportation	30530-23-05	-	86,806
		ODOT Landslide and Bluff Retreat	20.U23		Oregon Dept of Transportation	30530-17-02	3,371	97,389
		ODOT Landslide Drain Efficiency Lif	20.U24		Oregon Dept of Transportation	30530 20-01	-	92,861
		ODOT Living Web GIS Survey Control	20.U25		Oregon Dept of Transportation	30530-22-10	-	90,000
		ODOT Low-Carbon Ultra-High-Performa	20.U26		Oregon Dept of Transportation	30530-23-04	-	106,210
		ODOT Moisture Susceptibility Asphal	20.U27		Oregon Dept of Transportation	30530-20-07	-	(6,039)
		ODOT Piloting Smart Work Zone Tech	20.U28		Oregon Dept of Transportation	30530-22-05	-	107,499
		ODOT REMOVING RESIDUAL LANE MARKING	20.U29		Oregon Dept of Transportation	30530-22-06	-	83,340
		ODOT Rumble Strip Noise	20.U30		Oregon Dept of Transportation	30530-19-11	-	5,478
		ODOT SAFETY AND USER PERCEPTIONS OF	20.U31		Oregon Dept of Transportation	30530-23-01	-	24,905
		ODOT SAFETY DURING TRAFFIC CONTROL	20.U32		Oregon Dept of Transportation	30530-21-08	-	56,451
		ODOT SIGNAL-CONTROLLER-IN-THE-LOOP	20.U33		Oregon Dept of Transportation	30530-23-03	-	76,968
		ODOT US HIGHWAY 101 COASTAL HAZARD	20.U34		Oregon Dept of Transportation	30530-21-01	11,189	52,991
		OKST Integrating construction pract	20.U35		Oklahoma State University	1-501021-01	-	105,186
		OKST Intelligent Track Transitions	20.U36		Oklahoma State University	1-511663	-	45,206
		SCIP Concrete Curing Quantification	20.U37		Sciperio Inc	6913G622P800036-01113	-	50,000
		TDGL Design Options to Reduce Turni	20.U38		Toole Design Group LLC	50758	-	16,889
		TOXC Additional Considerations for	20.U39		toXcel	693JJ921F000157/ 2019-005	-	18,411
		TOXC Vulnerable Road User	20.U40		toXcel	693JJ919F000170 / 2019-005	-	204,349
		University Transportation Centers Program	20.701		University of Washington	UWSC11515/BPO44081	-	(1,700)
		University Transportation Centers Program	20.701		University of Washington	UWSC12120/BPO 50675	-	(21,338)
		University Transportation Centers Program	20.701		University of Washington	UWSC12050/BPO58225	-	21,502
		University Transportation Centers Program	20.701		University of Washington	UWSC12583/BPO#54676	-	6,683
		University Transportation Centers Program	20.701		University of Washington	UWSC12584/BPO#54679	-	15,459
		University Transportation Centers Program	20.701		University of Washington	UWSC12640/BPO55489	-	(2)
		University Transportation Centers Program	20.701		University of Washington	UWSC12666 BPO#55533	-	1,770
		University Transportation Centers Program	20.701		University of Washington	UWSC BPO53296	-	(1,950)
		University Transportation Centers Program	20.701		University of Washington	UWSC12824/BPO 56760	-	1
		University Transportation Centers Program	20.701		University of Washington	UWSC13388/BPO 61859	-	16,424
		University Transportation Centers Program	20.701		University of Washington	UWSC12120/BPO 50677	-	5,161
		University Transportation Centers Program	20.701		University of Washington	BPO62504/UWSC13440	-	39,981
		University Transportation Centers Program	20.701		University of Washington	UWSC13986/BPO68352	-	59,931
		University Transportation Centers Program	20.701		University of Washington	UWSC14169 BPO#69681	-	10,000
		University Transportation Centers Program	20.701				-	(17,679)
		Department of Transportation Total					116,312	4,363,173
	Department of Veterans Affairs	COVID-19 DVA Long-Term Outcomes from COVID	64.U01				-	12,513
	Environmental Protection Agency	Geographic Programs - Columbia River Basin Restoration (CRBR) Program	66.962				-	10,183
		HEI Impacts of Vehicle Emission Reg	66.U01		Health Effects Institute	4970-RFA18-1/20-4-2	20,020	168,696
		National Estuary Program	66.456		Puget Sound Partnership	2022-17	-	81,781
		Office of Research and Development Consolidated Research/Training/Fellowships:	66.511				257,345	345,042
		P3 Award: National Student Design Competition for Sustainability	66.516				-	21,859

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		Puget Sound Action Agenda: Technical Investigations and Implementation Assistance Program	66.123		Puget Sound Partnership	2018-19	-	(10,759)
		Science To Achieve Results (STAR) Research Program	66.509		North Carolina State University	2019-0821-01	-	104,475
		Science To Achieve Results (STAR) Research Program	66.509				52,625	163,364
		<i>Environmental Protection Agency Total</i>					329,990	884,642
	Executive Office of the President	Research and Data Analysis	95.007		University of Maryland, Baltimore	10	-	40,272
		Research and Data Analysis	95.007		University of Maryland, Baltimore	31	-	46,295
		<i>Executive Office of the President Total</i>					-	86,567
	National Aeronautics and Space Administration	ASU L'Space Evaluation C & D	43.U01		Arizona State University	ASUB00000414 / PO-19-00144788	-	11,130
		CUBC Development of the Electric Li	43.U02		CubCrafters	Not Available	-	0
		JPL Strategy for developing new coa	43.U03		Jet Propulsion Lab	1694639	-	13,616
		LASER SINTERING OF NOVEL INK SYNTH	43.U04				-	1,136
		MSUN Unmanned Aerial Systems (UAS)	43.U05		Mississippi State University	193700.361561.03	-	102,214
		NASA Global assessment of climate d	43.U06				15,800	160,455
		NASA HyperNAV-II	43.U07				492,448	698,201
		Science	43.001		Brown University	00002070	-	22,857
		Science	43.001		East West Center	HC13704	-	122
		Science	43.001		Institute for Global Environmental Strate	18I004/18I008	-	132,820
		Science	43.001		Jet Propulsion Lab	1612966	-	44,515
		Science	43.001		Jet Propulsion Lab	1693902	-	18,889
		Science	43.001		New Mexico Consortium, Inc.	696-002	-	11,156
		Science	43.001		Resources for the Future	1619	-	6,966
		Science	43.001		Universities Space Research Association	05704-01 SUBK-21-TBD	-	(329)
		Science	43.001		University Corporation for Atmospheric F	SUBAWD001879	-	27,481
		Science	43.001		University of Arizona	529182	-	4
		Science	43.001		University of Arizona	529183	-	162,214
		Science	43.001		University of Arizona	684411	-	115,888
		Science	43.001		University of California, Irvine	2021-1574	-	79,260
		Science	43.001		University of Colorado Boulder	1558712 / PO#1001296706	-	12,300
		Science	43.001		University of Colorado Boulder	1560402 / PO 1001478885	-	51,953
		Science	43.001		University of Colorado Boulder	1562838 / PO# 1001720662	-	23,427
		Science	43.001		University of Maryland, Baltimore Count	NASA0085-01	-	16,311
		Science	43.001		University of North Carolina, Chapel Hill	Not Available	-	7,901
		Science	43.001		University of South Florida, St. Petersbur	2500-1877-00-A	-	2,446
		Science	43.001		University of Southern California	SCON-00004331	-	31,170
		Science	43.001		University of Texas at Austin	UTA20-000752	-	(956)
		Science	43.001		University of Texas at Austin	UTAUS-SUB00000875	-	118,847
		Science	43.001		Washington State University	141063 SPC004532	-	45,806
		Science	43.001		WGBH Educational Foundation	K192542	-	32
		Science	43.001		Woods Hole Oceanographic Institution	A101346	-	15,443
		Science	43.001				333,236	3,857,569
		Space Operations	43.007				-	8,198
		Space Technology	43.012		Georgia Institute of Technology	AWD-002637-G8/ PO-5271918	4,015	207,993
		Space Technology	43.012				-	72,691
		UNH Net Primary Production GLIMR	43.U08				-	2,144
		VOXT Deposition and Curing of Therm	43.U09		Voxtel, Inc	2021-80NSSC20C0300 PO#NPJ1064A	-	9,145
		<i>National Aeronautics and Space Administration Total</i>					845,498	6,091,015
	National Science Foundation	Biological Sciences	47.074		Colorado State University	G-03481-01	-	8,221
		Biological Sciences	47.074		Cornell University	93000-20637	-	162,598
		Biological Sciences	47.074		Sonoma State University	119957	-	(381)
		Biological Sciences	47.074		University of California Berkeley	00010649	-	2,582
		Biological Sciences	47.074		University of California, Davis	A22-0743-S002	-	5,003
		Biological Sciences	47.074		University of Florida	SUB00002556	-	33,881
		Biological Sciences	47.074		University of Georgia	SUB00002814	-	7,328
		Biological Sciences	47.074		University of Minnesota - Twin Cities	H006143902	-	2,515
		Biological Sciences	47.074		University of Oregon	2010R0B	-	114,628
		Biological Sciences	47.074		University of Tennessee	A21-0345-S002	-	2,851
		Biological Sciences	47.074		University of Texas at Austin	2207408 / UTAUS-SUB00000479	-	14,130

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		Biological Sciences	47.074		Yale University	GR103815 (CON-80001381)	-	56,673
		Biological Sciences	47.074				57,936	8,230,206
		Computer and Information Science and Engineering	47.070		Georgia Regents University	AWD-002623-G2/2112633	-	163,369
		Computer and Information Science and Engineering	47.070		Portland State University	100013	-	(18)
		Computer and Information Science and Engineering	47.070		Portland State University	100218	-	51,615
		Computer and Information Science and Engineering	47.070		University of Colorado Boulder	1560280	-	11,062
		Computer and Information Science and Engineering	47.070				351,289	4,978,896
		Education and Human Resources	47.076		Association of Children's Museums Inc	DRL-20005944	-	153,033
		Education and Human Resources	47.076		Association of Science-Technology Cente	DRL-1612739	-	14,383
		Education and Human Resources	47.076		Association of Science-Technology Cente	001	-	39,530
		Education and Human Resources	47.076		Astronomical Society of the Pacific	2020-02-76-OSU	-	155,151
		Education and Human Resources	47.076		Bentley University	2303-02 / PO#106491	-	64,497
		Education and Human Resources	47.076		California State University, Long Beach	S2321191000SU	-	9,875
		Education and Human Resources	47.076		Gulf of Maine Research Institute	30-LVAISL-OSU	-	79,506
		Education and Human Resources	47.076		Knology	1612729	-	392
		Education and Human Resources	47.076		Michigan State University	RC114068OSU	-	68,601
		Education and Human Resources	47.076		Northeastern University, Boston, MA	502780-78051	-	49,717
		Education and Human Resources	47.076		Portland State University	100245	-	4,127
		Education and Human Resources	47.076		Saint Mary's University of Minnesota	001	-	25,291
		Education and Human Resources	47.076		Southern Oregon University	2219317-OSU / CS07G	-	24,441
		Education and Human Resources	47.076		Swinomish Indian Tribal Community	2019-2501	-	60,583
		Education and Human Resources	47.076		Teachers Development Group	206002-D	-	25,533
		Education and Human Resources	47.076		Technical Education Research Center	12999	-	9,501
		Education and Human Resources	47.076		University of California Berkeley	00009327	-	3,351
		Education and Human Resources	47.076		University of Georgia	SUB00002123	-	3
		Education and Human Resources	47.076		University of Montana	PG23-66474-06	-	20,272
		Education and Human Resources	47.076		University of Utah	10051886-S3 / U000220351	-	32,509
		Education and Human Resources	47.076		University of Washington	UWSC11099/BPO39225	-	211,478
		Education and Human Resources	47.076		Washington State University	131202 G004099/SPC003074	-	7,072
		Education and Human Resources	47.076		Washington State University	135470 SPC004800	-	95,292
		Education and Human Resources	47.076				621,543	4,734,187
		Engineering Grants	47.041		American Society for Engineering Educat	769-2054	-	76,909
		Engineering Grants	47.041		Florida International University	000559	-	44,313
		Engineering Grants	47.041		Harding University	COS2021-01_Huff_NSF-CAREER	-	87,760
		Engineering Grants	47.041		University of California / San Diego	129207183/S9002586	-	153,913
		Engineering Grants	47.041		University of Central Florida	18356A01 - GR101567	-	95,924
		Engineering Grants	47.041		University of Colorado Boulder	1558570 \ PO1001272371	-	30,478
		Engineering Grants	47.041		University of Washington	UWSC8669/BPO 10063	-	50
		Engineering Grants	47.041		University of Washington	UWSC12170/BPO50997	-	130,054
		Engineering Grants	47.041		University of Washington	UWSC13132/BPO 59774/ 59802	-	83,623
		Engineering Grants	47.041		Virginia Tech	479556-19201	-	(106)
		Engineering Grants	47.041		Washington State University	140486 SPC003553	-	11,519
		Engineering Grants	47.041				190,477	5,646,974
		Geosciences	47.050		Colorado School of Mines	401574-5805	-	3,432
		Geosciences	47.050		Columbia University	6 (GG009393)	-	37
		Geosciences	47.050		Columbia University	6F (GG009393-04) SAPO G14696	-	19,495
		Geosciences	47.050		Columbia University	1450528 SAPO G14696	-	2,673
		Geosciences	47.050		Columbia University	6H(GG009393)/PO G14696	-	13,900
		Geosciences	47.050		Columbia University	6I(GG009393-04)/SAPO G14696	-	17,820
		Geosciences	47.050		Columbia University	6J(GG009393-04)/SAPO G14696	-	17,820
		Geosciences	47.050		Columbia University	6L(GG009393-04) / SAPO G14696	-	22,992
		Geosciences	47.050		Columbia University	6K(GG009393-04)/PO#SAPO G14696	-	11,591
		Geosciences	47.050		George Mason University	E2061671	-	22,234
		Geosciences	47.050		Haskell Foundation	HFOSU-01	-	14,850
		Geosciences	47.050		National Center for Atmospheric Researc	SUBAWD003064 / P2019416	-	134,955
		Geosciences	47.050		Sitka Sound Science Center	KUTI-OSU 2022OSU-1	-	188,404
		Geosciences	47.050		Texas A & M University	M2103411-28-520040-00005	-	45,041
		Geosciences	47.050		University of California / San Diego	705618	-	393,530
		Geosciences	47.050		University of California at Santa Cruz	A17-0931-S001-P0690785	-	23,160
		Geosciences	47.050		University of Colorado Boulder	1560131 / P0100143974C	-	18,575

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		Geosciences	47.050		University of Hawaii	MA 1390 /PO# Z10181865	-	75,509
		Geosciences	47.050		University of Rhode Island	0007414/032723	-	8,596
		Geosciences	47.050		University of Southern California	SCON-00003966	-	14,981
		Geosciences	47.050		University of Texas at Austin	UTA17-000311	-	182,737
		Geosciences	47.050		University of Washington	UWSC13494 / BPO 63134	-	80,005
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101404 OCE-1743430 (CA)	-	7,827,599
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101490	-	45,760
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101407 OCE-1743430 (CA)	-	1,222,856
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101404 OCD-1743430 (CA)	-	663,266
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101404 OCE-173430 (CA)	-	2,890
		Geosciences	47.050				2,444,571	57,856,042
		Mathematical and Physical Sciences	47.049		American Physical Society	EP3-003-2018	-	23,119
		Mathematical and Physical Sciences	47.049				2,897,831	5,417,906
		NSF IPA Agreement for Lockwood	47.U01				-	186,073
		NSF IPA as Office Head, OISE	47.U02				-	119,794
		NSF IPA: Rober Stone	47.U03				-	139,583
		NSF Julie Pett-Ridge IPA Agreement	47.U04				-	26,488
		NSF Marinelli IPA: NSF	47.U05				-	202,822
		NSF R. Letelier IPA: NSF Biological	47.U06				-	42,578
		NSFIPA Office Head, OISE	47.U07				-	156,654
		Office of Integrative Activities	47.083		University of Illinois, Urbana-Champaign	112354-19464	-	57,605
		Office of Integrative Activities	47.083		University of Missouri	C00060846-3	-	9,573
		Office of Integrative Activities	47.083				38,017	1,068,366
		Office of International Science and Engineering	47.079		Tufts University	104575-00001 / EP0230559	-	14,696
		Polar Programs	47.078		University of California / San Diego	KR 703915	-	(14,589)
		Polar Programs	47.078		University of California / San Diego	703665	-	28,746
		Polar Programs	47.078				3,427,400	7,764,210
		Social, Behavioral, and Economic Sciences	47.075		University of Oregon	2016X0A	-	9,045
		Social, Behavioral, and Economic Sciences	47.075				-	545,449
		Technology, Innovation, and Partnerships	47.084				35,357	419,819
		The effects of shortened school years on school district finances, school programs, and principal and te	47.U08		American Educational Research Associati	2018-2566	-	2,073
	<i>National Science Foundation Total</i>						10,064,421	111,245,657
	Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008				-	311,547
	United States Institute of Peace	Priority Grant Competition	91.005				80,968	180,916
	Total Research and Development Cluster						28,536,160	288,806,102
Childcare and Development Fund	Department of Health and Human Services	Child Care and Development Block Grant	93.575		Oregon Dept of Education	10854	-	286,422
		Child Care and Development Block Grant	93.575		Oregon Dept of Education	14382	-	237,036
	Total Childcare and Development Fund						-	523,457
Child Nutrition	Department of Agriculture	National School Lunch Program	10.555		Oregon Dept of Education	14695	-	48,526
		National School Lunch Program	10.555		Oregon Dept of Education	22866	-	80,000
		Summer Food Service Program for Children	10.559		Oregon Dept of Education	1815001	-	(128)
	Total Child Nutrition Cluster						-	128,397
Economic Development Cluster	Department of Commerce	Economic Adjustment Assistance	11.307		Port of Portland	Not Available	-	15,763
		Economic Adjustment Assistance	11.307				6,009	195,869
	Total Economic Development Cluster						6,009	211,632
Fish and Wildlife	Department of the Interior	Sport Fish Restoration	15.605		Oregon Dept of Fish & Wildlife	091-22	-	18,375
		Wildlife Restoration and Basic Hunter Education	15.611		Alaska Department of Fish and Game	CT 180000933	-	35,176
		Wildlife Restoration and Basic Hunter Education	15.611		Oregon Dept of Fish & Wildlife	249-18	-	80,257
		Wildlife Restoration and Basic Hunter Education	15.611		Oregon Dept of Fish & Wildlife	333-21	-	209,415

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		Wildlife Restoration and Basic Hunter Education	15.611		Oregon Dept of Fish & Wildlife	144-15	-	(2,609)
		Wildlife Restoration and Basic Hunter Education	15.611		Wyoming Game and Fish Department	003397	-	56,196
Total Fish and Wildlife Cluster							-	396,810
Highway Planning and Construction	Department of Transportation	Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-19-01	13,821	37,282
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-02	-	0
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	31867-02	-	(59)
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-02	-	(377)
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-06	-	24,928
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-05	-	46,156
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	RS-21-77-01	-	(5,521)
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-07	-	27,356
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-04	-	(0)
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-06	-	0
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-05	-	176,092
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-07	-	1,746
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	34630	-	(77)
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-08	-	151,153
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-10	-	5,830
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-09	-	0
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	RS-22-77-01	-	65,874
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-11	-	30,157
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	31867-06	-	261,112
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	73000-00006647	-	47,505
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	RS-15-77-01	-	(6,835)
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-23-06	-	98,992
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	RS-23-77-01	-	178,253
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-12	-	6,022
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-13	-	51,539
		Highway Planning and Construction	20.205		(blank)	(blank)	-	75,740
		Recreational Trails Program	20.219		Oregon Dept of Parks & Recreation	RT19-015	-	23,561
Total Highway Planning and Construction Cluster							13,821	1,296,428
Medicaid	Department of Health and Human Services	Medical Assistance Program	93.778		Oregon Health Authority	159940	-	1,638,546
Total Medicaid Cluster							-	1,638,546
SNAP	Department of Agriculture	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		Oregon Department of Human Services	152303	39,990	8,316,093
		State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		Oregon Department of Human Services	158399	-	6,164
		State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		Oregon Department of Human Services	177527	-	19,505
Total SNAP Cluster							39,990	8,341,761
TRIO	Department of Education	TRIO_Student Support Services	84.042				-	693,228
		TRIO_Upward Bound	84.047				-	712,458
Total TRIO Cluster							-	1,405,686
Other	Department of Agriculture	Acer Access Development Program	10.174				-	280,473
		Agricultural Research_Basic and Applied Research	10.001				-	3,123
		Agriculture and Food Research Initiative (AFRI)	10.310		National 4-H Council	OSU_2022-67037-36130	-	20,946
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	AW4175-826719	-	16,747
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	AG6680-848640	-	873
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Nebraska	25-6226-0546-008	-	319
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Vermont	32556SUB52591	-	(37)
		Agriculture and Food Research Initiative (AFRI)	10.310				-	699,654
Total Other Cluster							-	738,501

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		Beginning Farmer and Rancher Development Program	10.311				2,160	71,585
		Child and Adult Care Food Program	10.558		Oregon Dept of Education	02-15002	-	38,250
		Cooperative Extension Service	10.500		eXtension Foundation	NTAE-2020-2104	-	969
		Cooperative Extension Service	10.500		Kansas State University	A00-0983-S076	-	(115)
		Cooperative Extension Service	10.500		Kansas State University	A22-0394-S023	-	8,322
		Cooperative Extension Service	10.500		Kansas State University	A00-0983-S102	-	5,970
		Cooperative Extension Service	10.500		Oregon Dept of Agriculture	ODA-4308-A	-	37,466
		Cooperative Extension Service	10.500		Washington State University	134194 SPC002655	-	224
		Cooperative Extension Service	10.500		Washington State University	134194 SPC002607	-	12,272
		Cooperative Extension Service	10.500				-	4,624,647
							-	4,689,755
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-01	-	78,962
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-16	-	3,920
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-26	2,212	8,305
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Nat	SA18-4060-43	-	41,753
		Crop Protection and Pest Management Competitive Grants Program	10.329				-	146,936
							2,212	279,875
		Dairy Business Innovation Initiatives	10.176		California State University, Fresno Found	SC351120-22-05, PO# 62223	-	89,907
		Dairy Business Innovation Initiatives	10.176		California State University, Fresno Found	SC351160-23-03, PO #62688	-	11,000
							-	100,907
		Enhancing Agricultural Opportunities for Military Veterans Competitive Grants Program	10.334		Rogue Farm Corps	2021-1765	-	50,286
		Extension Collaborative on Immunization Teaching & Engagement	10.229		eXtension Foundation	EXC1-2021-2058	-	2,483
		Extension Collaborative on Immunization Teaching & Engagement	10.229		eXtension Foundation	EXC2-2021-2109	-	127,169
							-	129,651
		Farm to School Grant Program	10.575		Oregon Dept of Agriculture	ODA-4385-A	-	28,826
		Farmers Market and Local Food Promotion Program	10.175				30,624	162,196
		Food BankNetwork	10.182		Oregon Food Bank	OCFSN	-	147,330
		Higher Education - Institution Challenge Grants Program	10.217				-	12,949
		Higher Education - Multicultural Scholars Grant Program	10.220				-	124,759
		Higher Education Graduate Fellowships Grant Program	10.210				-	164,090
		Homeland Security_Agricultural	10.304		University of California, Davis	A22-1782-S008	-	31,031
		Integrated Programs	10.303		University of Georgia	SUB00002199	-	334
		International Forestry Programs	10.684				-	925
		KCSD Farm-to-School: Feeding Studen	10.U32		Klamath County School District	2019-1358	-	(30)
		Meat and Poultry Processing Capacity - Technical Assistance	10.184				-	78,426
		National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive C	10.328		Cornell University	139230-21173	-	7,898
		National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive C	10.328				69,129	248,343
							69,129	256,240
		New Beginnings for Tribal Students	10.527				34,860	99,895
		ODA Biological Control Information	10.U33		Oregon Dept of Agriculture	ODA-4238-IG	-	(4)
		ODF Landscape Scale Restoration Ed	10.U34		Oregon Dept of Forestry	18-DG-11062765-715	-	21,297
		ODF OR Explorer Western Wildfire	10.U35		Oregon Dept of Forestry	2015-1549	-	(0)
		ODF OR Wildfire Risk Explorer Enhn	10.U36		Oregon Dept of Forestry	19-4102-0120	-	51
		OPC Cultivating seed starting champ	10.U37		Oregon Potato Commission	Not Available	-	75,793
		Organic Agriculture Research and Extension Initiative	10.307		Clemson University	2049-207-2012799	-	5,520
		Organic Agriculture Research and Extension Initiative	10.307		Cornell University	90033-20653	-	13,997
		Organic Agriculture Research and Extension Initiative	10.307		Cornell University	92406-20530	-	75,433
		Organic Agriculture Research and Extension Initiative	10.307		Montana State University	G211-19-W7408	-	1,907
		Organic Agriculture Research and Extension Initiative	10.307		North Dakota State University	FAR0035169	-	20,930
		Organic Agriculture Research and Extension Initiative	10.307		Pennsylvania State University	S002068-USDA	-	20,005

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		Organic Agriculture Research and Extension Initiative	10.307		The Organic Center for Education & Pron	20-0958	-	63
		Organic Agriculture Research and Extension Initiative	10.307		The Organic Center for Education & Pron	21-0896	-	5,427
		Organic Agriculture Research and Extension Initiative	10.307		Tuskegee University	22091 410 76190	-	(27)
		Organic Agriculture Research and Extension Initiative	10.307		University of Illinois, Urbana-Champaign	088736-16613	-	7,509
		Organic Agriculture Research and Extension Initiative	10.307		University of Maine	UMS1380	-	3,787
		Organic Agriculture Research and Extension Initiative	10.307		University of Minnesota	H007332401	-	641
		Organic Agriculture Research and Extension Initiative	10.307		University of Wisconsin - Madison	0000000995	-	7,821
		Organic Agriculture Research and Extension Initiative	10.307		USDA - Ag Research Service	59-5090-1-005	-	19,343
		Organic Agriculture Research and Extension Initiative	10.307		Utah State University	201160-457	-	(31)
								182,326
		OT Bridging the Gaps: Enhancing Org	10.U38		Oregon Tilth	2022-3548	-	51,301
		Plant and Animal Disease, Pest Control, and Animal Care	10.025				-	242,437
		Regional Food System Partnerships	10.177				-	149,054
		Rural Health and Safety Education Competitive Grants Program	10.516				-	117,384
		Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	10.226				7,873	38,700
		Soil and Water Conservation	10.902				2,407	119,504
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-007-GR	-	(144)
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA22013GR	-	45,124
		Specialty Crop Block Grant Program - Farm Bill	10.170		Washington State University	141861 SPC004501	-	4,812
								49,792
		Specialty Crop Research Initiative	10.309		Virginia Tech	423537-19201	-	13,830
		Sustainable Agriculture Research and Education	10.215		Colorado State University	G-07002-02	-	4,617
		Sustainable Agriculture Research and Education	10.215		Deschutes Soil and Water Conservation	G353-22-W9214	-	5,330
		Sustainable Agriculture Research and Education	10.215		Montana State University	G243-20-W7506	-	20,882
		Sustainable Agriculture Research and Education	10.215		Montana State University	G242-22-W8612	55,229	82,052
		Sustainable Agriculture Research and Education	10.215		Montana State University	G259-22-W7905	25,995	39,507
		Sustainable Agriculture Research and Education	10.215		Montana State University	G369-22-W9214	-	8,778
		Sustainable Agriculture Research and Education	10.215		Montana State University	G362-22-W9211	-	25,376
		Sustainable Agriculture Research and Education	10.215		University of Idaho	AT4151-SB-768892	-	17,178
		Sustainable Agriculture Research and Education	10.215		Washington State University	135424 SPC002827	-	970
		Sustainable Agriculture Research and Education	10.215		Washington State University	141839 SPC004835	-	4,275
							81,224	208,965
		Technical Agricultural Assistance	10.960		University of Missouri	C00076345-1	-	27,598
		USDA Connecting Nat Forest System M	10.U39				-	2,290
		USDA Fish Passage Conf Indigenous	10.U40				-	3,859
		USDA Forest vegetation mapping	10.U41				-	75,569
		USDA Growing Forestry Capacity Peru	10.U42				-	207,163
		USDA Inner City Youth Institute	10.U43				-	14,029
		USDA Niche Meat Processor Assistanc	10.U44				-	(14)
		USDA NW Fire Science Consortium	10.U45				-	117,701
		USDA Update Forest Landowner's Guid	10.U46				14,571	14,571
		Women and Minorities in Science, Technology, Engineering, and Mathematics Field:	10.318				-	31,030
		Wood Utilization Assistance	10.674				-	17,477
	<i>Department of Agriculture Total</i>						245,058	9,271,077
Department of Commerce		BEF Treeline-Resilient PNW Riparian	11.U15		Bonneville Environmental Foundation	MG-10788	-	1
		Cluster Grants	11.020				73,785	212,640
		Fisheries Development and Utilization Research and Development Grants and Cooperative Agreement	11.427				-	129,080
		Marine Sanctuary Program	11.429				-	(70)
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institute:	11.432				-	11,817
		NOAA NEWPORT OPERATION AND MAINTENA	11.U16				-	641,665
		NOAA OER IPA Agreement for Dr. Step	11.U17				-	140,828
		NTV External Coordinator for CIE	11.U18		NTVI Communications, Inc.	80011.0025 - OSU-01	-	23,300
		Ocean Exploration	11.011				-	16,907
		ODLC Oregon Sea Grant Coastal Commu	11.U19		Oregon Dept of Land Conservation & Dev	21092	-	40,326

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
		Sea Grant Support	11.417		University of Alaska - Fairbanks	UA 21-0022	-	3,469
		Sea Grant Support	11.417		University of Connecticut	KFS5653840 / PO#368300	-	20,339
		Sea Grant Support	11.417		University of Washington	UWSC11591 / BPO44969	-	320,855
		Sea Grant Support	11.417		University of Washington	UWSC13303/BPO 60981	-	752
		Sea Grant Support	11.417				-	209,411
							-	554,826
		Unallied Industry Projects	11.452				-	45
	<i>Department of Commerce Total</i>						73,785	1,771,364
	Department of Defense	Basic and Applied Scientific Research	12.300				-	4,950
		Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studie:	12.610		Oregon Dept of Energy	19-075	-	(2,555)
		ONR Kipp IPA	12.U51				-	51,405
	<i>Department of Defense Total</i>						-	53,800
	Department of Education	Child Care Access Means Parents in School	84.335				-	337,535
		COVID-19 Education Stabilization Fund	84.425	COVID-19, 84.425U	Oregon Dept of Education	24131	-	110,660
		FGSD 2022 Migrant Leadership Instit	84.U02		Forest Grove School District	15	-	5,000
		Fund for the Improvement of Postsecondary Educatior	84.116				-	5,255
		Gaining Early Awareness and Readiness for Undergraduate Programs	84.334				-	90,552
		Migrant Education_College Assistance Migrant Program	84.149				-	440,513
		Migrant Education_High School Equivalency Program	84.141				-	383,998
		Migrant Education_State Grant Program	84.011		Oregon Dept of Education	21563	-	123,642
		Migrant Education_State Grant Program	84.011		Oregon Dept of Education	21685	-	249,705
		Migrant Education_State Grant Program	84.011		Oregon Dept of Education	23907 / SubGrant# 75140	-	2,365
		Migrant Education_State Grant Program	84.011		Oregon Dept of Education	23934 / ODE SubGrant# 75489	-	11,555
							-	387,267
		ODE Improv Inclusion Efforts Erly	84.U03		Oregon Dept of Education	22090	-	416,247
		School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Pro	84.184				-	819
		Student Support and Academic Enrichment Program	84.424		Oregon Dept of Education	21926	-	153,025
	<i>Department of Education Total</i>						-	2,330,870
	Department of Energy	DOE Indstrl Walk Through Checklist	81.U98				-	12,520
		Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical	81.117				36,820	328,548
		FRA 09/1Joint Appoint for Schellman	81.U99		Fermi National Accelerator Laboratory	PO 663188	-	47,563
		NREL Marine Energy Collegiate Comp	81.U01		DOE National Renewable Energy Lab	SUB-2021-10527	-	17
		Nuclear Energy Research, Development and Demonstration	81.121				-	130,365
		PNNL Robertson Joint Appointment	81.U02		DOE Pacific Northwest National Lab	445770-497586	-	4,882
		Renewable Energy Research and Development	81.087		Electric Power Research Institute	10013934	-	71,887
		Renewable Energy Research and Development	81.087		Pacific Ocean Energy Trust	TEAMER.TB.OSU	-	17,459
		Renewable Energy Research and Development	81.087		University of California, Los Angeles	4550 G WA295	-	31,043
							-	120,389
	<i>Department of Energy Total</i>						36,820	644,283
	Department of Health and Human Services	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		Oregon Health Authority	166591	-	24,880
		Every Student Succeeds Act/Preschool Development Grants	93.434		Oregon Dept of Education	14438	739,744	1,783,912
		Every Student Succeeds Act/Preschool Development Grants	93.434		Portland State University	100207	-	37,659
		NRPC Evaluating community health wo	93.U10		Northwest Regional Primary Care Associ Project# 37895.0002		-	15,412
		SAMH 2023 Communities Talk to Preve	93.U11				-	246
	<i>Department of Health and Human Services Total</i>						739,744	1,862,110
	Department of Homeland Security	Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036		Oregon Health Authority	175482	-	23,295
	Department of Justice	Juvenile Mentoring Program	16.726		National 4-H Council	Not Available	-	38,257
		Juvenile Mentoring Program	16.726		National 4-H Council	4HNMP11	-	2,467

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
	<i>Department of Justice Total</i>	Juvenile Mentoring Program	16.726		National 4-H Council	2022-5064	-	13,526
							-	54,251
	Department of the Interior	BLM Wildland Urban Interface Community Fire Assistance	15.228				-	124,139
		Clean Vessel Act	15.616				-	147,667
		Fish and Wildlife Management Assistance	15.608				-	44,793
		Plant Conservation and Restoration Management	15.245		Society for Ecological Restoration, Inc.	2022-001	-	94,460
		Secure Rural Schools and Community Self-Determination	15.234				-	(30)
		U.S. Geological Survey_ Research and Data Collection	15.808				-	354,520
		USDI Indian Water Rights Settlement	15.U38				-	39,214
	<i>Department of the Interior Total</i>						-	804,763
	Department of State	IUCN Sustainable cooperation on Sha	19.U01		International Union for Conservation of Nature	MACCH-00905/P03694	-	82,384
		Public Diplomacy Programs	19.040				17,737	112,875
	<i>Department of State Total</i>						17,737	195,259
	Department of the Treasury	COVID-19 Coronavirus State and Local Fiscal Recovery Funds	21.027		Benton County	503194	-	57,555
		COVID-19 Coronavirus State and Local Fiscal Recovery Funds	21.027		Deschutes County	2021-989	-	169,032
		COVID-19 Coronavirus State and Local Fiscal Recovery Funds	21.027		Oregon Department of Administrative Services	8162	-	116,566
		COVID-19 Coronavirus State and Local Fiscal Recovery Funds	21.027		Oregon Department of Administrative Services	8161	-	100,000
							-	443,153
	<i>Department of the Treasury Total</i>	Volunteer Income Tax Assistance (VITA) Matching Grant Program	21.009				-	(1,197)
							-	441,955
	Department of Transportation	Highway Training and Education	20.215				-	5,288
		NAS NCHRP Synthesis 20-05/Topic 52-	20.U41		National Academy of Sciences	HR 20-05(52-04) PO#SUB1655-905	1,290	2,605
		University Transportation Centers Program	20.701		University of Washington	UWSC10006/BPO26179	-	87,093
		University Transportation Centers Program	20.701		University of Washington	UWSC10011/BPO26198	-	31,163
							-	118,255
	<i>Department of Transportation Total</i>						1,290	126,148
	Department of Veterans Affairs	DVAX Improving Veteran Health Opio	64.U02				-	846
		PVARF Conducting data management to	64.U03		Portland VA Research Foundation	IPA 2022-52 / PO 648-D33108	-	56,787
	<i>Department of Veterans Affairs Total</i>						-	57,633
	Environmental Protection Agency	AFWA Investigating Climate Wildlife	66.U02		Association of Fish and Wildlife Agencies	Not Available	-	(0)
		National Environmental Education Training Program	66.950		Sustainable Forestry Initiative inc	6000-015-2002	-	14,999
		National Estuary Program	66.456		Puget Sound Partnership	2022-17	-	63,743
		ODA Evaluating PSEM General Public	66.U03		Oregon Dept of Agriculture	ODA-4204-IG	-	4,470
		Pollution Prevention Grants Program	66.708		Oregon Dept of Environmental Quality	126-21	-	60,474
		Pollution Prevention Grants Program	66.708		Oregon Dept of Environmental Quality	076-23	-	20,286
							-	80,760
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716		University of California, Davis	A18-0208-S001-A04	-	22,479
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716		University of California, Davis	A22-0127-S007	-	64,950
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716				15,568	994,308
							15,568	1,081,737
		SFI Indigenous Voices Natural Resou	66.U04		Sustainable Forestry Initiative inc	2021 SFI Education Grant Pgm	-	0
		SFI Oregon 2021 ee360	66.U05		Sustainable Forestry Initiative inc	PLT/ee360 Initiative	-	(1)
		SFI Strengthening Environmental Edu	66.U06		Sustainable Forestry Initiative inc	PLT/ee360	-	0
	<i>Environmental Protection Agency Total</i>						15,568	1,245,709
	Institute of Museum and Library Services	Museums for America	45.301				-	408
	National Aeronautics and Space Administration	Education	43.008				113,675	814,072

<i>Cluster</i>	<i>Federal Grantor</i>	<i>Program Title</i>	<i>Assistance Listing Number</i>	<i>Additional Award Identification</i>	<i>Pass-Through Entity</i>	<i>Pass-Through Identifying Number</i>	<i>Passed through to Subrecipients</i>	<i>Total Expenditures</i>	
		Science	43.001		Jet Propulsion Lab	1669042	-	22,444	
		Science	43.001				-	1,055	
							-	23,500	
		<i>National Aeronautics and Space Administration Total</i>						113,675	837,571
	Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008				-	83,428	
	Total Other Programs						1,243,678	19,803,925	
	Total Federal Expenditures						29,839,658	513,237,771	

**OREGON STATE UNIVERSITY
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2023**

NOTE 1 BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the Schedule) includes the federal award activity of Oregon State University under programs of the federal government of the year ended June 30, 2023. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of Oregon State University, it is not intended to and does not present the financial position, changes in net position, or cash flows of Oregon State University.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule, if any, represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Oregon State University has elected not to use the 10-percent de minimis indirect cost rate allowed under the Uniform Guidance.

NOTE 3 FEDERAL STUDENT LOAN PROGRAMS

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

<u>Program Title</u>	<u>CFDA Number</u>	<u>Amount Outstanding</u>
Perkins Loans	84.038	\$3,535,251

**OREGON STATE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE YEAR ENDED JUNE 30, 2023**

Section I – Summary of Auditors’ Results

Financial Statements

- 1. Type of auditors’ report issued: Unmodified
- 2. Internal control over financial reporting:
 - Material weakness(es) identified? yes no
 - Significant deficiency(ies) identified? yes none reported
- 3. Noncompliance material to financial statements noted? yes no

Federal Awards

- 1. Internal control over major federal programs:
 - Material weakness(es) identified? yes no
 - Significant deficiency(ies) identified? yes none reported
- 2. Type of auditors’ report issued on Compliance for major federal programs: Unmodified
- 3. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)? yes no

Identification of Major Federal Programs

Assistance Listing Number(s)	Name of Federal Program or Cluster
Various	Research and Development Cluster
10.561	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program

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

Auditee qualified as low-risk auditee? yes no

**OREGON STATE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE YEAR ENDED JUNE 30, 2023**

Section II – Financial Statement Findings

Our audit did not disclose any matters required to be reported in accordance with *Generally Accepted Governmental Auditing Standards*.

Section III – Findings and Questioned Costs – Major Federal Programs

Our audit did not disclose any matters required to be reported in accordance with Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administration Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).



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