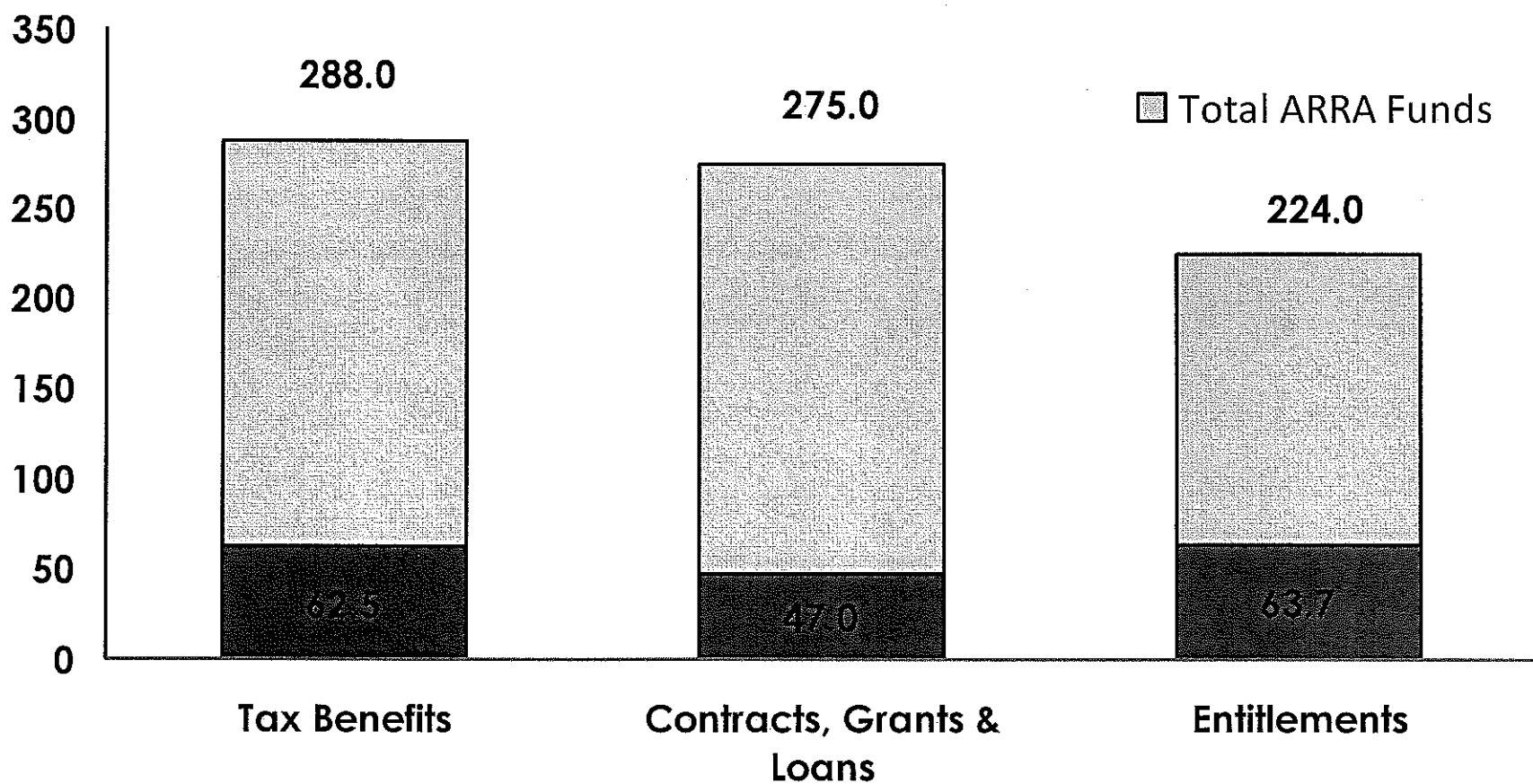


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# Composition of Stimulus Package (Nationwide)

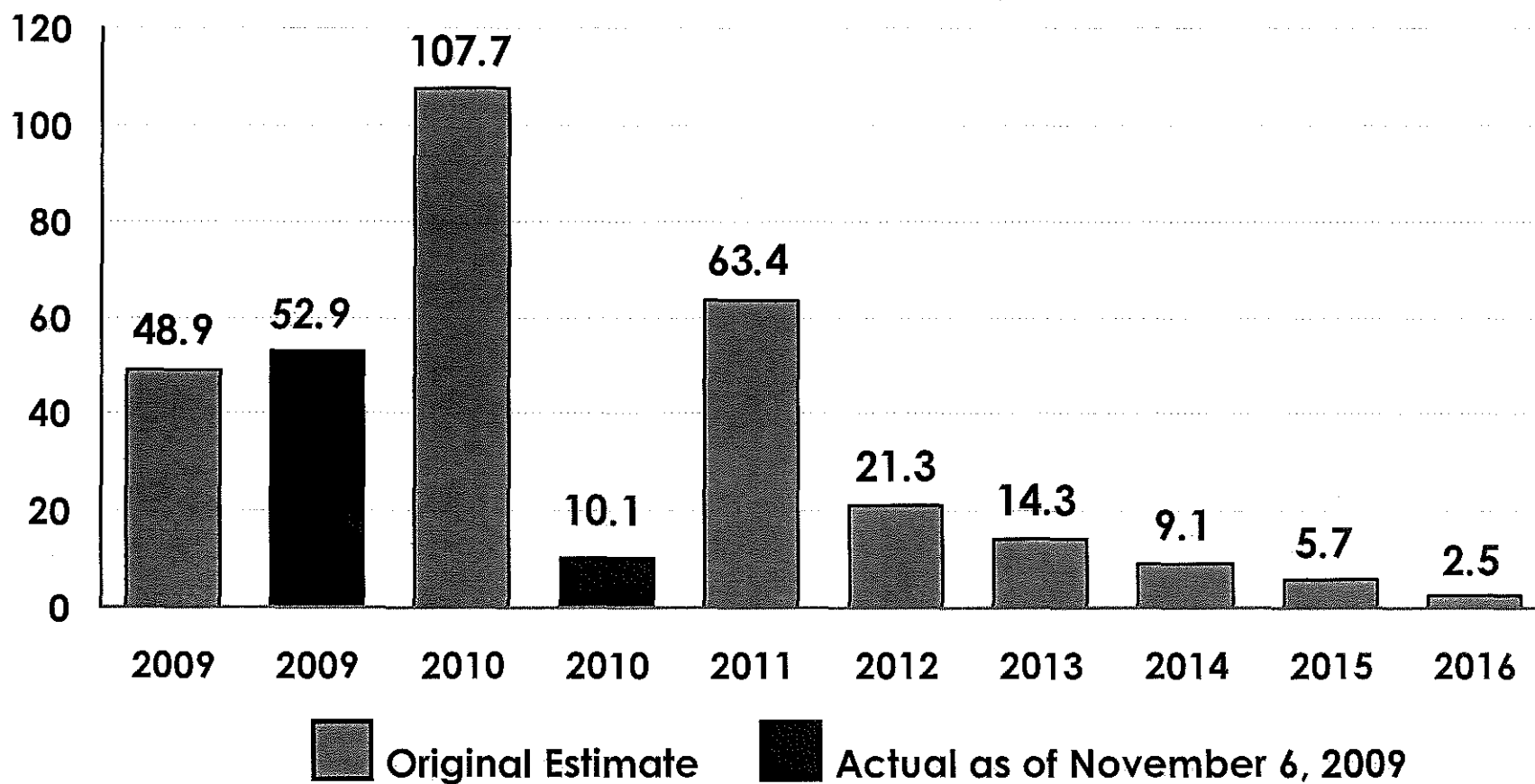
Total ARRA Funds (\$787), in Billion Dollars



Source: Recovery.gov

# Projected versus Actual Federal Outlays to States and Localities (Nationwide)

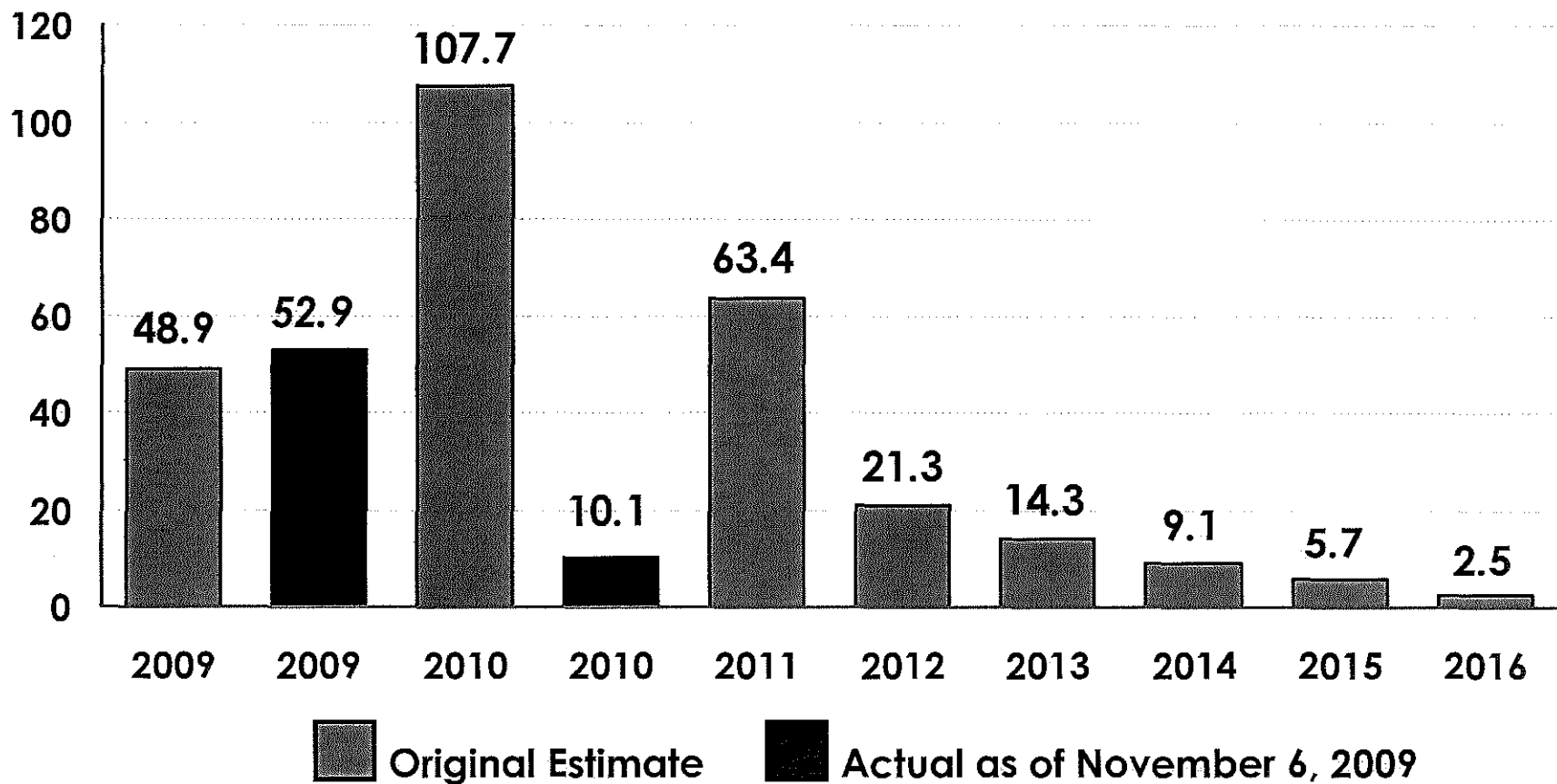
in Billion Dollars



Source: GAO analysis of CBO, Federal Funds Information for States, and Recovery.gov data

# Projected versus Actual Federal Outlays to States and Localities (Nationwide)

in Billion Dollars



Source: GAO analysis of CBO, Federal Funds Information for States, and Recovery.gov data

**AWARDS SUBJECT TO 1512 REPORTING**

State Entity	No. of Awards	Sum of Awards	Sum of ARRA Funds Received/Invoiced	Sum of ARRA Expenditures	No. of Jobs
AGS-SFCA	1	\$ 292,900.00	\$ -	\$ -	0
ATG	4	\$ 8,521,232.00	\$ 6,888,720.69	\$ 15,726.72	0.89
BED	5	\$ 36,215,296.00	\$ 4,052.16	\$ 3,335.91	0
BED-HHFDC	1	\$ 9,861,610.00	\$ -	\$ -	0
DLIR	6	\$ 17,353,318.00	\$ 1,782,915.22	\$ 1,733,048.19	140.96
DLNR	2	\$ 5,274,293.00	\$ -	\$ -	0
DOA	1	\$ 150,526.00	\$ 150,526.00	\$ -	0
DOD	1	\$ 1,750,000.00	\$ 920,307.00	\$ 920,307.00	23
DOE	6	\$ 77,892,153.00	\$ 23,595,911.06	\$ 23,595,911.06	549.35
DOH	10	\$ 57,091,209.00	\$ -	\$ -	0
DOT- HARBORS	1	\$ 1,432,500.00	\$ -	\$ -	0
DOT-ADM	1	\$ 2,933,345.00	\$ -	\$ -	0
DOT-AIR	3	\$ 46,813,943.00	\$ 1,219,694.00	\$ 807,231.00	27.14
DOT-HWY	18	\$ 94,432,708.61	\$ 85,029,726.61	\$ -	17.62
GOV	2	\$ 140,301,593.00	\$ -	\$ -	0
HHL	1	\$ 10,200,000.00	\$ 977,612.29	\$ 977,612.29	16.19
HMS	4	\$ 9,028,661.00	\$ 6,453,533.00	\$ 5,898,802.09	5.5
HMS-HPHA	2	\$ 18,412,331.00	\$ -	\$ -	0
PSD	1	\$ 115,642.00	\$ 28,911.00	\$ 28,910.18	0
UH	64	\$ 42,193,101.00	\$ 352,377.13	\$ 183,405.30	12.6
<b>Grand Total</b>	<b>134</b>	<b>\$ 580,266,361.61</b>	<b>\$ 127,404,286.16</b>	<b>\$ 34,164,289.74</b>	<b>793.25</b>

**AWARDS NOT SUBJECT TO 1512 REPORTING**

No. of Awards	Sum of Awards	Sum of ARRA Expenditures
1	\$ 1,312,236	\$ 298,176
2	\$ 184,564,670.	\$ 109,817,711
4	\$ 174,148,683	\$ 152,222,774
<b>7</b>	<b>\$ 360,025,589</b>	<b>\$ 262,338,661</b>

**TOTALS**

Total No. of Awards	Total Sum of Awards	Sum of ARRA Expenditures
1	\$ 292,900	\$ -
5	\$ 9,833,468	\$ 313,902
5	\$ 36,215,296	\$ 3,336
1	\$ 9,861,610	\$ -
8	\$ 201,917,988	\$ 111,550,759
2	\$ 5,274,293	\$ -
1	\$ 150,526	\$ -
1	\$ 1,750,000	\$ 920,307
6	\$ 77,892,153	\$ 23,595,911
10	\$ 57,091,209	\$ -
1	\$ 1,432,500	\$ -
1	\$ 2,933,345	\$ -
3	\$ 46,813,943	\$ 807,231
18	\$ 94,432,709	\$ -
2	\$ 140,301,593	\$ -
1	\$ 10,200,000	\$ 977,612
8	\$ 183,177,344	\$ 158,121,576
2	\$ 18,412,331	\$ -
1	\$ 115,642	\$ 28,910
64	\$ 42,193,101	\$ 183,405
<b>141</b>	<b>\$ 940,291,951</b>	<b>\$ 296,502,950</b>

**Legend- State Entity**

AGS-SFCA	Dept. of Accounting & General Services, Hawaii State Foundation on Culture & the Arts
ATG	Dept. of the Attorney General
BED	Dept. of Business, Economic Development & Tourism
BED-HHFDC	Dept. of Business, Economic Development & Tourism, Hawaii Housing Finance & Development Corporation
DLIR	Dept. of Labor & Industrial Relations
DLNR	Dept. of Land & Natural Resources
DOA	Dept of Agriculture
DOD	Dept. of Defense
DOE	Dept. of Education
DOH	Dept. of Health
DOT- HARBORS	Dept. of Transportation, Harbors Division
DOT-ADM	Dept. of Transportation, Administration
DOT-AIR	Dept. of Transportation, Airports Division
DOT-HWY	Dept. of Transportation, Highways Division
GOV	Office of the Governor
HHL	Hawaiian Home Lands
HMS	Dept. of Human Services
HMS-HPHA	Dept. of Human Services, Hawaii Public Housing Authority
PSD	Dept. of Public Safety
UH	University of Hawaii

CFDA No.	PROGRAM	Hawai'i State Entity	Amount of Award	Total Funds Encumbered	Total Funds Spent
N/A	Hawaii Child Support Enforcement Agency	ATG	\$ 1,312,236		\$ 298,176
17.225	Unemployment Insurance	DLIR	\$ 184,500,000		\$ 109,799,362
10.569	Emergency Food Assistance Program (Food Commodities)	DLIR	\$ 64,670	\$ 46,321	\$ 18,349
	<b>DLIR Subtotals</b>		<b>\$ 184,564,670</b>	<b>\$ 46,321</b>	<b>\$ 109,817,711</b>
93.778	Medical Assistance Program (FMAP)	HMS	\$ 171,369,033		\$ 149,900,934
93.659	Adoption Assistance	HMS	\$ 1,865,383		\$ 1,697,431
10.561	State Administrative Matching Grants for Supplemental Nutrition Assistance	HMS	\$ 548,627	\$ 246,041	\$ 302,586
93.658	Foster Care-Title IV-E	HMS	\$ 365,640		\$ 321,823
	<b>HMS Subtotals</b>		<b>\$ 174,148,683</b>	<b>\$ 246,041</b>	<b>\$ 152,222,774</b>
	<b>TOTALS</b>		<b>\$ 360,025,589</b>	<b>\$ 292,362</b>	<b>\$ 262,338,661</b>

**Legend- State Entity:**

ATG Dept. of the Attorney General  
DLIR Dept. of Labor & Industrial Relations  
HMS Dept. of Human Services

	DEPARTMENT	AWARD NO.	CFDA NO.	PROJECT NAME OR PROGRAM TITLE	AWARD AMOUNT	ARRA FUNDS RECEIVED	TOTAL FEDERAL AMOUNT OF ARRA EXPENDITURE
1	ACCOUNTING & GENERAL SERVICES- HAWAII STATE FOUNDATION ON CULTURE AND THE ARTS	09-6188-2076	45.025	Arts and the American Recovery & Reinvestment Act of 2009	\$ 292,900.00	\$ -	\$ -
2	AGRICULTURE	USDA-FSA-ARRA-AGP-9	10.086	2008 AQUACULTURE GRANT PROGRAM	\$ 150,526.00	\$ 150,526.00	\$ -
3	ATTORNEY GENERAL	2009-SG-B9-0138	16.801	Recovery Act-OVC FY 09 VOCA Victim Assistance Formula Grant Program	\$ 585,000.00	\$ -	\$ -
4	ATTORNEY GENERAL	2009-EF-S6-0021	16.588	OVW Recovery Act STOP Violence Against Women Formula Grant Program 2009-X2081-HI-EF	\$ 1,047,877.00	\$ 365.69	\$ 365.69
5	ATTORNEY GENERAL	2009-SU-B9-0044	16.803	State of Hawaii FY 2009 Recovery Act Justice Assistance Grant (JAG) Program	\$ 6,424,438.00	\$ 6,424,438.00	\$ 15,173.83
6	ATTORNEY GENERAL	2009-SN-B9-K004	16.8	ICAC Task Force - HI	\$ 463,917.00	\$ 463,917.00	\$ 187.20
7	BUSINESS, ECONOMIC DEVELOPMENT & TOURISM	DE-EE0001587	81.127	State Energy Efficient Appliance Rebate Program	\$ 123,600.00	\$ -	\$ -
8	BUSINESS, ECONOMIC DEVELOPMENT & TOURISM	DE-OE0000110	81.122	Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency	\$ 318,196.00	\$ -	\$ -
9	BUSINESS, ECONOMIC DEVELOPMENT & TOURISM	DE-EE0000811	81.128	DBEDT: "Energy Efficient Buildings Program for Government and Non-Profits." DAGS: Photovoltaic system installations. DHHL: "Homestead Energy Program."	\$ 9,593,500.00	\$ -	\$ -
10	BUSINESS, ECONOMIC DEVELOPMENT & TOURISM	DE-EE0000216	81.041	State Energy Program - ARRA	\$ 25,930,000.00	\$ 4,052.16	\$ 3,335.91
11	BUSINESS, ECONOMIC DEVELOPMENT & TOURISM	90SN0030	93.711	ARRA of 2009 Strengthening Communities Fund State, Local, and Tribal Government Capacity Building Program	\$ 250,000.00	\$ -	\$ -
12	BUSINESS, ECONOMIC DEVELOPMENT & TOURISM- HAWAII HOUSING FINANCE AND DEVELOPMENT CORP	M09-ES150100	14.258	Tax Credit Assistance Program	\$ 9,861,610.00	\$ -	\$ -
13	DEFENSE	W912J6-09-2-9030	12.401	HVAC Replacement 298 RTI CA2924, Eney Management System Install 298 RTI CA2916	\$ 1,750,000.00	\$ 920,307.00	\$ 920,307.00
14	EDUCATION	7HI340HI3	10.579	State of Hawaii Department of Education Office of Hawaii Child Nutrition Programs (OHCNP) NSLP Equipment Assistance Grants	\$ 348,600.00	\$ 348,479.50	\$ 348,479.50
15	EDUCATION	S386A090011	84.386	Title II, Part D - Enhancing Education Through Technology	\$ 3,209,375.00	\$ -	\$ -
16	EDUCATION	Sd387A090012	84.387	Education for Homeless Children and Youth	\$ 175,966.00	\$ -	\$ -
17	EDUCATION	H392A090083	84.392	Preschool Grants for Children with Disabilities	\$ 1,061,069.00	\$ -	\$ -
18	EDUCATION	H391A090026	84.391	Grants to States for the Education of Children with Disabilities	\$ 39,925,269.00	\$19,962,635.00	\$ 19,962,635.00
19	EDUCATION	S389A090011	84.389	Title I, Part A - Improving Basic Programs Operated by Local Educational Agencies. Initial project provided Extended Learning Opportunities ("ELO") during summer 2009 for economically disadvantaged students.	\$ 33,171,874.00	\$ 3,284,796.56	\$ 3,284,796.56
20	EXECUTIVE OFFICE OF THE STATE OF HAWAII	S397A090012A	84.397	State Fiscal Stabilization Fund - Government Services Fund	\$ 34,976,427.00	\$ -	\$ -
21	EXECUTIVE OFFICE OF THE STATE OF HAWAII	S394A090012	84.394	State Fiscal Stabilization Fund - Education Fund	\$ 105,325,166.00	\$ -	\$ -
22	HAWAII PUBLIC HOUSING AUTHORITY	S09-DY-15-0001	14.257	Homelessness Prevention and Rapid Rehousing Program	\$ 2,166,888.00	\$ -	\$ -
23	HAWAIIAN HOME LANDS	08SHGH10001	14.883	1. Kaupuni Village Infrastructure 2. East Kapolei II b & c	\$ 10,200,000.00	\$ 977,612.29	\$ 977,612.29
24	HEALTH	00T06701	66.040	Clean Diesel Projects for the State of Hawaii	\$ 1,730,000.00	\$ -	\$ -
25	HEALTH	2W15000209	66.458	Clean Water State Revolving Fund	\$ 30,352,300.00	\$ -	\$ -
26	HEALTH	09AAHIC1RR	93.707	ARRA Congregate Nutrition Services	\$ 325,000.00	\$ -	\$ -
27	HEALTH	09AAHIC2RR	93.705	ARRA Home-Delivered Nutrition Services	\$ 160,000.00	\$ -	\$ -
28	HEALTH	00T28101	66.805	Leaking Underground Storage Tanks	\$ 1,317,000.00	\$ -	\$ -
29	HEALTH	3H23IP922518-07S1	93.712	ARRA - 317 Immunization and Vaccines for Children Grants	\$ 572,428.00	\$ -	\$ -
30	HEALTH	3U50CI923810-05S1	93.717	Epidemiology and Laboratory Capacity for Infectious Diseases - ARRA - HAI	\$ 429,587.00	\$ -	\$ -
31	HEALTH	2P-00T05509-0	66.454	Water Quality Management Planning	\$ 306,600.00	\$ -	\$ -
32	HEALTH	2F-00T05309-0	66.468	Drinking Water State Revolving Fund	\$ 19,500,000.00	\$ -	\$ -
33	HEALTH	H393A090031A	84.393	Early Intervention Program for Infants and Toddlers with Disabilities	\$ 2,398,294.00	\$ -	\$ -
34	HUMAN SERVICES	H398A090016	84.398	State Independent Living Services, Recovery Act	\$ 242,913.00	\$ 14,845.00	\$ 13,821.30
35	HUMAN SERVICES	G0901HICCD7	93.713	Child Care and Development Fund (CCDF)	\$ 6,448,715.00	\$ 5,700,000.00	\$ 5,200,000.00
36	HUMAN SERVICES	H390A090015	84.39	Vocational Rehabilitation Services to States, Recovery Act	\$ 2,249,150.00	\$ 650,805.00	\$ 597,097.79
37	HUMAN SERVICES	H399A090011	84.399	Independent Living Services for Older Individuals Who Are Blind, Recovery Act	\$ 87,883.00	\$ 87,883.00	\$ 87,883.00
38	HUMAN SERVICES-HAWAII PUBLIC HOUSING AUTHORITY	HI08S00150109	14.885	Capital and Management Activities at HPHA Federal Public Housing Developments.	\$ 16,245,443.00	\$ -	\$ -
39	LABOR AND INDUSTRIAL RELATIONS	AA-17117-08-55-A-15	17.259	Programs Funded Under the Workforce Investment Act	\$ 6,313,624.00	\$ 1,061,047.70	\$ 1,061,047.70
40	LABOR AND INDUSTRIAL RELATIONS	ES-17556-08-55-A-15	17.207	Programs Funded under Recovery Act Reemployment Services and Wagner-Peyser	\$ 1,426,246.00	\$ 264,000.00	\$ 264,000.00
41	LABOR AND INDUSTRIAL RELATIONS	AD-18363-09-60-A-15	17.235	Recovery Act Older Americans	\$ 507,317.00	\$ 53,905.52	\$ 53,905.52
42	LABOR AND INDUSTRIAL RELATIONS	7HI840HI8	10.568	TEFAP CAP Recovery Act	\$ 64,670.00	\$ 64,670.00	\$ 14,802.97
43	LABOR AND INDUSTRIAL RELATIONS	2009G99UTRN	93.71	Community Services Block Grant - ARRA	\$ 5,000,000.00	\$ -	\$ -
44	LABOR AND INDUSTRIAL RELATIONS	EE0000183	81.042	Weatherization Assistance Program for Low -Income Persons	\$ 4,041,461.00	\$ 339,292.00	\$ 339,292.00
45	LAND AND NATURAL RESOURCES	09-DG-11059702-022	10.688	Monitoring & Control of Invasive Plants in Hawaii	\$ 4,124,000.00	\$ -	\$ -
46	LAND AND NATURAL RESOURCES	09RCHHI001	94.006	Coordination Services for the State of Hawaii Recovery Youth Conservation Corps Program	\$ 1,150,293.00	\$ -	\$ -
47	PUBLIC SAFETY	2009-SF-B9-0130	16.802	Recovery Act-OVC FY 09 VOCA Victim Compensation Formula Grant Program	\$ 115,642.00	\$ 28,911.00	\$ 28,910.18
48	TRANS- HARBORS	2009-PJ-R1-0165	97.116	American Recovery and Reinvestment Act Port Security Grant Program (ARRA PSGP)	\$ 1,432,500.00	\$ -	\$ -
49	TRANSPORTATION-ADM	HI-86-X001-00	20.509	Rural Transit Capital Assistance for the expansion of service	\$ 2,933,345.00	\$ -	\$ -
50	TRANSPORTATION-AIRPORTS	3-15-0006-046-2009	20.106	Kahului Apron Pavement Structural Improvements	\$ 15,000,000.00	\$ 1,219,694.00	\$ 807,231.00
51	TRANSPORTATION-AIRPORTS	HSTS04-09-H-REC158	97.117	Kahului EDS Integration Improvements	\$ 7,240,743.00	\$ -	\$ -
52	TRANSPORTATION-AIRPORTS	HSTS04-09-H-REC157	97.117	Honolulu EDS Integration Improvements, Phase 2	\$ 24,573,200.00	\$ -	\$ -
53	TRANSPORTATION-HWY	360010	20.205	Hana Highway Pavement Preventive Maintenance, Kaupakalua Road to Huelo	\$ 681,231.00	\$ 619,301.00	\$ -
54	TRANSPORTATION-HWY	480014	20.205	Maunaloa Highway Resurfacing, Hoolehua to Vicinity of Keonelele Avenue	\$ 4,202,794.00	\$ 3,893,243.00	\$ -
55	TRANSPORTATION-HWY	561052	20.205	Kuhio Highway Resurfacing, Kawaihau Road to Kapaa Bridge	\$ 1,174,628.00	\$ 1,021,416.00	\$ -
56	TRANSPORTATION-HWY	583001	20.205	Maalo Road Resurfacing, Mile Post 0.0 to Mile Post 1.0	\$ 838,445.00	\$ 729,083.00	\$ -
57	TRANSPORTATION-HWY	831042	20.205	Kamehameha Highway, Replacement of South Punaluu Stream Bridge	\$ 23,891,703.41	\$20,343,107.41	\$ -
58	TRANSPORTATION-HWY	11250	20.205	Interstate Route H-1 Seismic Retrofit, Farrington Highway Separation & Makakilo Drive Separation	\$ 1,423,254.00	\$ 865,200.00	\$ -
59	TRANSPORTATION-HWY	192059	20.205	Hawaii Belt Road, Clean and Paint Steel Members, Ninole, Maulua, Kuwaikahi and Kukaiau Bridges	\$ 9,167,760.80	\$ 8,274,152.00	\$ -
60	TRANSPORTATION-HWY	311011	20.205	Piilani Highway Pavement Preventive Maintenance, Lipoa Street to Kilohana Drive	\$ 6,459,059.00	\$ 5,605,823.00	\$ -
61	TRANSPORTATION-HWY	470006	20.205	Kalae Highway Pavement Preventive Maintenance, Maunaloa Highway to Kalaupapa Lookout	\$ 2,095,286.00	\$ 1,904,805.00	\$ -

	DEPARTMENT	AWARD NO.	CFDA NO.	PROJECT NAME OR PROGRAM TITLE	AWARD AMOUNT	ARRA FUNDS RECEIVED	TOTAL FEDERAL AMOUNT OF ARRA EXPENDITURE
62	TRANSPORTATION-HWY	11262	20.205	Interstate Route H-1, Concrete Pavement Preservation, Dowel Retrofit, M.P. 2.40 to M.P. 3.46 and M.P. 24.90 to M.P. 26.40 (Palailai and Kaimuki Areas)	\$ 11,006,410.00	\$10,491,410.00	\$ -
63	TRANSPORTATION-HWY	321009	20.205	Kaahumanu Avenue, Waiale Road Overpass Repairs	\$ 2,724,531.00	\$ 2,334,948.00	\$ -
64	TRANSPORTATION-HWY	480003	20.205	Puupeelua Avenue Resurfacing, Maunaloa Hwy to Farrington Ave and Farrington Avenue Resurfacing, Puupeeelua Ave to Kalae Hwy	\$ 5,885,789.05	\$ 5,315,831.85	\$ -
65	TRANSPORTATION-HWY	7139001	20.205	Waipio Point Access Road Improvements (RTE 7139)	\$ 5,414,835.00	\$ 5,414,835.00	\$ -
66	TRANSPORTATION-HWY	1045	20.205	Traffic Management Center Auxiliary Power Facility	\$ 301,652.20	\$ 291,652.20	\$ -
67	TRANSPORTATION-HWY	951001	20.205	Kalaeloa Blvd (RTE 95), Widening and Reconstruction, Phase 1 - OR&L ROW to Lauwiliwili Street	\$ 6,773,817.40	\$ 6,773,817.40	\$ -
68	TRANSPORTATION-HWY	3405002	20.205	Market Street Improvements (Kahawai Street to Mokuahu Road), Phase 2	\$ 5,712,877.00	\$ 5,287,166.00	\$ -
69	TRANSPORTATION-HWY	1036	20.205	Traffic Signals at Various Locations, Phase 10	\$ 3,907,220.75	\$ 3,407,220.75	\$ -
70	TRANSPORTATION-HWY	300112	20.205	Traffic Improvements at Various Locations, Harding Avenue (RTE 7842) at 5th and 11th Aves	\$ 2,771,415.00	\$ 2,456,715.00	\$ -
71	UNIVERSITY OF HAWAII SYSTEMS	1R21AI074834-01A2	93.701	ALTERED PEPTIDE LIGANDS AND IMMUNOPATHOGENESIS OF DENGUE VIRUS INFECTION	\$ 207,225.00	\$ -	\$ -
72	UNIVERSITY OF HAWAII SYSTEMS	EAR-0841794	47.082	Computational Upgrade for the SOEST Geophysics and Tectonics Group	\$ 70,000.00	\$ -	\$ -
73	UNIVERSITY OF HAWAII SYSTEMS	EAR-0855546	47.082	CSEDI Collaborative Research: Influence of Grain-Size Evolution on Global and Regional Mantle Flow and Upper Mantle Seismic Structure	\$ 198,950.00	\$ -	\$ -
74	UNIVERSITY OF HAWAII SYSTEMS	EAR-0911301	47.082	The Mantle Melt Column and Melt Migration Revealed by Deglaciation Melting Beneath Iceland's Western Rift Zone	\$ 295,743.00	\$ 49,011.11	\$ 55,200.77
75	UNIVERSITY OF HAWAII SYSTEMS	GEO-0914317	47.082	Ocean FEST: Families Exploring Science Together (OEDG Track 1)	\$ 197,278.00	\$ -	\$ -
76	UNIVERSITY OF HAWAII SYSTEMS	OCE-0902869	47.082	Collaborative Research: Reconstructing Deep Sea Acidification During the Paleocene-Eocene Thermal Maximum	\$ 164,710.00	\$ 2,328.49	\$ 4,097.20
77	UNIVERSITY OF HAWAII SYSTEMS	OCE-0927089	47.082	Understanding Paleo-Climate Tools: Effects of Carbonic Anhydrase and Mg on Oxygen Isotopes in Dissolved and Solid Carbonate	\$ 248,760.00	\$ 5,704.34	\$ 6,079.72
78	UNIVERSITY OF HAWAII SYSTEMS	ANT-0839024	47.082	Collaborative Research: Modified Circumpolar Deep Water Intrusions as an Iron Source to the Summer Ross Sea Ecosystem	\$ 377,634.00	\$ -	\$ -
79	UNIVERSITY OF HAWAII SYSTEMS	3P30CA071789-12S6	93.701	Cancer Research Center of Hawaii	\$ 1,313,830.00	\$ -	\$ -
80	UNIVERSITY OF HAWAII SYSTEMS	3R24MD001660-05S1	93.701	Pili 'Ohana Program: Partnerships to Overcome Obesity Disparities in Hawaii	\$ 600,000.00	\$ -	\$ -
81	UNIVERSITY OF HAWAII SYSTEMS	3P30CA071789-12S7	93.701	Cancer Research Center of Hawaii	\$ 1,299,007.00	\$ -	\$ -
82	UNIVERSITY OF HAWAII SYSTEMS	2P01CA033619-21A1	93.701	Molecular Epidemiology of Nutrition and Cancer in the Multiethnic Cohort Study	\$ 2,120,588.00	\$ -	\$ -
83	UNIVERSITY OF HAWAII SYSTEMS	3R37CA054281-17S1	93.701	Multiethnic Cohort Study of Diet and Cancer	\$ 287,319.00	\$ -	\$ -
84	UNIVERSITY OF HAWAII SYSTEMS	3U01HG004802-02S1	93.701	Epidemiology of Putative Causal Variants in the Multiethnic Cohort	\$ 1,018,523.00	\$ -	\$ -
85	UNIVERSITY OF HAWAII SYSTEMS	2009-SN-B9-0003	16.8	Multimedia Juvenile Victimization (MJV): Insights into Youth Behavior to Help Law Enforcement	\$ 435,689.00	\$ -	\$ -
86	UNIVERSITY OF HAWAII SYSTEMS	OCE-0927407	47.082	Effects of sea level on wave-driven inundation for reef-fringed shorelines	\$ 1,584,380.00	\$ -	\$ -
87	UNIVERSITY OF HAWAII SYSTEMS	OCE-0943977	47.082	2009 Shipboard Scientific Support Equipment	\$ 861,092.00	\$ -	\$ -
88	UNIVERSITY OF HAWAII SYSTEMS	OCI-0943147	47.082	VOSS: Understanding Distributed Socio-Technical Systems	\$ 382,421.00	\$ -	\$ -
89	UNIVERSITY OF HAWAII SYSTEMS	BCS-0926751	47.082	Collaborative Research: A Pilot Study of the Spatiotemporal Scales of Diversification in the Pandora Moth/Ponderosa Pine System Using Dendrochronology and Evolutionary Geography	\$ 133,363.00	\$ 3,918.97	\$ 6,991.60
90	UNIVERSITY OF HAWAII SYSTEMS	CHE-0924324	47.082	International Collaboration in Chemistry: NHC-Pd Catalytic Systems (NHC = N-Heterocyclic Carbene) for the Synthesis of Novel Triarylamine Polymers Containing Fused Heterocyclic Rings	\$ 346,167.00	\$ 40.55	\$ 40.55
91	UNIVERSITY OF HAWAII SYSTEMS	DE-FC26-08NT02871	81.122	Research on Distributed Electricity Systems Resources, Amdt 001	\$ 5,548,585.00	\$ -	\$ -
92	UNIVERSITY OF HAWAII SYSTEMS	OCE-0928741	47.082	Collaborative Research: GEOTRACES N Atlantic Section, shipboard and shorebased determination of key trace elements	\$ 200,286.00	\$ -	\$ -
93	UNIVERSITY OF HAWAII SYSTEMS	3P20RR016453-07S1	93.701	COBRE: Center for Cardiovascular Research	\$ 95,170.00	\$ -	\$ -
94	UNIVERSITY OF HAWAII SYSTEMS	3R01GM076665-04S2	93.701	Dynamis: Ligand Interactions and Conformational Dynamics	\$ 98,000.00	\$ -	\$ -
95	UNIVERSITY OF HAWAII SYSTEMS	3R01HL080532-03S2	93.701	Transcriptional and Physiological Analysis of Cardiac HIF-1	\$ 66,005.00	\$ 12,449.98	\$ 12,449.98
96	UNIVERSITY OF HAWAII SYSTEMS	3R25DK078386-03S1	93.701	High School Students STEP-UP to Biomedical Research	\$ 154,872.00	\$ 5,659.00	\$ 5,659.00
97	UNIVERSITY OF HAWAII SYSTEMS	ATM-0902551	47.082	Collaborative Research: P2C2--Toward Improved Projections of the Climate Response to Anthropogenic Forcing: Combining Proxy and Instrumental Observations with an Earth System Model	\$ 228,676.00	\$ -	\$ -
98	UNIVERSITY OF HAWAII SYSTEMS	EEC-0926632	47.082	BRIGE: Minority Education and Research in Biomedical Microdevices - An Optically Controlled Cell Culturing and Harvesting Platform	\$ 174,635.00	\$ -	\$ 7,630.21
99	UNIVERSITY OF HAWAII SYSTEMS	IOS-0845116	47.082	Learning and Cognition in Honeybees	\$ 210,000.00	\$ 5,875.65	\$ 6,202.51
100	UNIVERSITY OF HAWAII SYSTEMS	IOS-0919878	47.082	Concentration Gradients of Activator and Inhibitors of Cellular Differentiation in a Filamentous Cyanobacterium	\$ 233,789.00	\$ -	\$ -
101	UNIVERSITY OF HAWAII SYSTEMS	OCE-0849747	47.082	Dynamics of the Descending Branch of the Atlantic Meridional Overturning Circulation	\$ 443,595.00	\$ 21,761.80	\$ 21,761.80
102	UNIVERSITY OF HAWAII SYSTEMS	OCE-0850827	47.082	Collaborative Research: Oceanic Diazotroph Community Structure and Activities in a High Carbon Dioxide World	\$ 437,859.00	\$ 2,740.67	\$ 4,041.54
103	UNIVERSITY OF HAWAII SYSTEMS	1R21CA139712-01A1	93.701	Neuroimaging to Assess the Effects of Therapy in Children with Acute Lymphoblastic Leukemia	\$ 304,481.00	\$ 7,825.76	\$ 11,835.67
104	UNIVERSITY OF HAWAII SYSTEMS	1F31AI081450-01A1	93.701	HIV DNA IN CNS COMPARTMENTS RELATION TO HIV-ASSOCIATED NEUROCOGNITIVE DISORDERS	\$ 41,176.00	\$ -	\$ -
105	UNIVERSITY OF HAWAII SYSTEMS	ATM-0923560	47.082	MRI: Development of Mees Spectropolarimeter for the Photosphere and the Chromosphere for Synoptic Observations of the 3-D Magnetic Field Structure of the Solar Atmosphere	\$ 1,583,885.00	\$ -	\$ -
106	UNIVERSITY OF HAWAII SYSTEMS	CMMI-0919584	47.082	Collaborative Research: Development of a Fracture Processes Facility at DUSEL Homestake	\$ 37,073.00	\$ -	\$ -
107	UNIVERSITY OF HAWAII SYSTEMS	OCE-0926766	47.082	The Hawaii Ocean Time-series (HOT): Sustaining ocean ecosystem and climate observations in the North Pacific Subtropical Gyre	\$ 6,201,878.00	\$ 559.81	\$ 4,041.54



	DEPARTMENT	AWARD NO.	CFDA NO.	PROJECT NAME OR PROGRAM TITLE	AWARD AMOUNT	ARRA FUNDS RECEIVED	TOTAL FEDERAL AMOUNT OF ARRA EXPENDITURE
108	UNIVERSITY OF HAWAII SYSTEMS	OCE-0933884	47.082	Effect of Melt Supply on MORB Compositions at Local and Regional Scales	\$ 356,191.00	\$ -	\$ -
109	UNIVERSITY OF HAWAII SYSTEMS	ATM-0852620	47.082	A Study of Multiple Environmental Influences on the Lightning of a Continental Cumulonimbus Cloud Simulated by a Numerical Model	\$ 267,177.00	\$ -	\$ -
110	UNIVERSITY OF HAWAII SYSTEMS	AST-0836053	47.082	Akamai Workforce Initiative	\$ 2,847,171.00	\$ -	\$ -
111	UNIVERSITY OF HAWAII SYSTEMS	GEO-0914516	47.082	OEDG Track 1 Proposal: Lauilima A 'Ike Pono - Community Collaborations in Geosciences and Place-based Education	\$ 197,854.00	\$ -	\$ 1,096.28
112	UNIVERSITY OF HAWAII SYSTEMS	EEC-0852082	47.082	REU Site: University of Hawai'i (UH) High Performance Computing (HPC) Computational Fluid Dynamics (CFD) Applications in Engineering	\$ 295,222.00	\$ -	\$ -
113	UNIVERSITY OF HAWAII SYSTEMS	3G12RR003061-24S1	93.701	Research Outcomes Accelerating Discoveries for Medical Applications and Practice	\$ 880,333.00	\$ -	\$ -
114	UNIVERSITY OF HAWAII SYSTEMS	3P20RR024206-02S1	93.701	IBR COBRE Supplement	\$ 154,231.00	\$ -	\$ 1,735.56
115	UNIVERSITY OF HAWAII SYSTEMS	3P20RR018453-08S1	93.701	Translational ARRA Supplement to COBRE: Center for Cardiovascular Research	\$ 934,610.00	\$ -	\$ -
116	UNIVERSITY OF HAWAII SYSTEMS	3R25RR024281-02S1	93.701	Pacific Education and Research for Leadership in Science (PEARLS)	\$ 188,708.00	\$ -	\$ -
117	UNIVERSITY OF HAWAII SYSTEMS	ANT-0838714	47.082	Collaborative Research: Southern Ocean Current Observations from the U.S. Antarctic Research Vessels, 2010-14	\$ 324,060.00	\$ -	\$ -
118	UNIVERSITY OF HAWAII SYSTEMS	OCE-0946381	47.082	EAGER Collaborative Research: The Basalt-Hosted Biosphere Observatory at North Pond, Advanced Instrumentation for Transformative Science	\$ 147,686.00	\$ -	\$ -
119	UNIVERSITY OF HAWAII SYSTEMS	EPS-0919607	47.082	Collaborative Research: PACMAN -- Cyberinfrastructure for Discovering Climate Change Impacts on Water Resources Across Alaska and the Hawaiian Islands	\$ 3,000,000.00	\$ -	\$ -
120	UNIVERSITY OF HAWAII SYSTEMS	3R01DK079684-03S1	93.701	Administrative Supplement for : Multimedia Intervention to Motivate Ethnic Minority Teens to be Designated Donor	\$ 128,111.00	\$ -	\$ -
121	UNIVERSITY OF HAWAII SYSTEMS	3R01CA115614-03S1	93.701	Administrative Supplements for: Physical Activity in Women with Infants	\$ 232,529.00	\$ -	\$ -
122	UNIVERSITY OF HAWAII SYSTEMS	SES-0918185	47.082	An Exploratory Application of Agent Based Modeling for Policy Evaluations in Hawaii's Longline Fishery	\$ 287,437.00	\$ -	\$ -
123	UNIVERSITY OF HAWAII SYSTEMS	3R01CA126895-02S1	93.701	Whole Genome Scan for Modifier Genes in Colorectal Cancer	\$ 1,802,665.00	\$ -	\$ -
124	UNIVERSITY OF HAWAII SYSTEMS	OCE-0925916	47.082	Collaborative Research: Lateral Mixing and Dispersion on the Inner Shelf	\$ 378,008.00	\$ -	\$ -
125	UNIVERSITY OF HAWAII SYSTEMS	3R21HD058059-02S1	93.701	Minimum Y Gene Complement Necessary for Successful ART	\$ 6,664.00	\$ -	\$ 6,591.00
126	UNIVERSITY OF HAWAII SYSTEMS	3R01NR007683-05S2	93.701	Cognitive Behavioral Intervention in Diabetes Self-Management	\$ 207,781.00	\$ -	\$ -
127	UNIVERSITY OF HAWAII SYSTEMS	3R25RR019321-05S1	93.701	Master in Clinical Research	\$ 296,612.00	\$ -	\$ -
128	UNIVERSITY OF HAWAII SYSTEMS	AST-0956897	47.082	EAGER: Composite Adaptive Mirrors	\$ 97,412.00	\$ -	\$ -
129	UNIVERSITY OF HAWAII SYSTEMS	AST-0923136	47.082	MRI Acquisition: Hawaii-based Undergraduate Leadership in Astronomy [HULA] by Acquiring Instrumentation for an Educational Im-Class Telescope	\$ 141,664.00	\$ -	\$ -
130	UNIVERSITY OF HAWAII SYSTEMS	3R01CA111419-04S2	93.701	Role of Polyamines in MYCN-Amplified Neuroblastoma	\$ 111,994.00	\$ -	\$ 8,639.00
131	UNIVERSITY OF HAWAII SYSTEMS	3K24MH074468-04S1	93.701	Mentoring/Career Development in PTSD Services Research (ARRA)	\$ 49,950.00	\$ -	\$ -
132	UNIVERSITY OF HAWAII SYSTEMS	DEB-0918341	47.082	Ecological Diversity, Systematics, and Conservation of Hawaii's Endemic Hyposmocoma	\$ 421,886.00	\$ -	\$ 12,007.99
133	UNIVERSITY OF HAWAII SYSTEMS	POC033A091078	84.033	Federal Work-Study	\$ 183,583.00	\$ 183,583.00	\$ 7,244.14
134	UNIVERSITY OF HAWAII SYSTEMS	POC033A091068	84.033	Federal Work-Study	\$ 50,918.00	\$ 50,918.00	\$ 59.24

STATE ENTITIES	AWARD NUMBER	AWARD DESCRIPTION	AWARD AMOUNT	PROJECT NAME OR PROGRAM TITLE	NUMBER OF JOBS	DESCRIPTION OF JOBS CREATED
ATG	2009-SU-89-0044	The grant allows state and local jurisdictions to improve the functioning of the criminal justice system by creating jobs, retaining jobs, and providing operational resources. Projects to be funded include drug task forces which will report on the number	\$ 6,424,438	State of Hawaii FY 2009 Recovery Act Justice Assistance Grant (JAG) Program	0.89	0.89 Total FTE 0.72 FTE Administrative/Human Resources
DOD	W912J6-09-2-9030	CA 2924 HVAC Replacement at 298 RTI Waimanalo Hawaii award amount is \$833,507.00. CA 2916 Energy Management System 298 RTI Waimanalo Hawaii award amount \$66,800	\$ 1,750,000	HVAC Replacement 298 RTI CA2924, Energy Management System Install 298 RTI CA2916	23	2ea Shelt Metal, 4ea HVAC Tech, 2ea GenLabor, 1ea Heavy Equipmen (Operator, 4 ea elec, 2ea Lagger, 1ea Mech Eng, 1 HVAC Foreman, 1 Trade Foreman, 2 ea Project Manager 1 Software Programmer
DOE	H391A090026	Assist states in providing special education and related services to children with disabilities in accordance with Part B of the Individuals with Disabilities Education Act (IDEA).	\$ 39,925,269	Grants to States for the Education of Children with Disabilities	346.86	Contracted special education-related services. Vendors have provided services in the areas of school-based behavioral health services, and assistance to students diagnosed with the autism spectrum disorder. Based on vendor data and prime recipient-analyzed detailed records of minutes, and 445,834 hours of service, and standard cumulative hours since grant origination date of February 17, 2009 to September 30, 2009 of 1,285.33 hours, the FTE calculation is 346.86.
DOE	S389A090011	Improve teaching and learning for students most at risk of failing to meet state academic achievement standards.	\$ 33,171,874	Title I, Part A - Improving Basic Programs Operated by Local Educational Agencies. Initial project provided Extended Learning Opportunities ("ELO") during summer 2009 for economically disadvantaged students.	202.49	The initial Title I Recovery Act Extended Learning Opportunities ("ELO") project ELO provided a stimulus to the local economy by providing additional employment opportunities during the summer of 2009. The program was held at 90 campuses statewide, with 8,018 students who participated. These students were supported by 1,146 staff members during the summer, equating to 202.49 FTE, based on 105,295.50 hours worked, divided by 520 standard hours for the quarter, as noted in the "Number of Jobs" total in the preceding reporting data field, in accordance with U.S. Department of Education specific guidance. These employees hired included part-time and substitute teachers; program directors; para-professionals; and other support positions.
HHL	08SHGH10001	ARRA funding will be focused on infrastructure development, specifically hard costs as per the ARRA regulations, in two different single-family residential subdivisions on Oahu. The two projects targeted for the ARRA funding are Kaupuni Village, an 18 uni	\$ 10,200,000	1. Kaupuni Village infrastructure 2. East Kapolei II b & c	16.19	The following are descriptions of the types of jobs funded with ARRA funds expended through September 30, 2009: Laborer: Perform tasks involving physical labor at building, highway, and heavy construction projects, tunnel and shaft excavations, and demolition sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, clean up rubble and debris, and remove asbestos, lead, and other hazardous waste materials. May assist other craft workers. Carpenter: Build, install and repair structures and fixtures of wood, plywood, and wallboard. They erect structural framework and construct forms for concrete. They lay subflooring, build stairs, and erect scaffolding. Carpenters also install cabinets, windows, doors, paneling, and other wooden items in buildings. Operating Engineer: Construction Equipment Operators run a variety of construction equipment to excavate and grade earth; erect structural and reinforcing steel; pour concrete; and control air and water output. They operate bulldozers, cranes, excavators, paving machines, loaders, tractors, compressors, and other construction machinery. They may lubricate their machines and may make minor repairs and adjustments. Because skills and training vary operating engineers are usually classified by type or the capacity of the machines they operate. Electrician: Install conduit, electrical wiring, fixtures and electrical apparatus in buildings and in industrial settings. Major duties include: planning/initiating projects; establishing temporary power; establishing grounding systems; installing electrical service; establishing power distribution within a project; planning and installing raceway systems; installing new and repairing old wiring; providing power and controls to motors, HVAC, and other equipment; installing receptacles, lighting systems, and fixtures; troubleshooting and repairing electrical systems; installing and repairing traffic signals, outdoor lighting and outdoor power feeders; installing fire alarm systems.
HMS	H398A090016	A state program to provide independent living services to individuals with significant disabilities, support the operation of centers for independent living and the Statewide Independent Living Council, provide training on the independent living philosoph	\$ 242,913	State Independent Living Services, Recovery Act	3.5	Independent Living Specialist

STATE ENTITIES	AWARD NUMBER	AWARD DESCRIPTION	AWARD AMOUNT	PROJECT NAME OR PROGRAM TITLE	NUMBER OF JOBS	DESCRIPTION OF JOBS CREATED
HMS	H399A090011	A state program to provide independent living services to older individuals who are blind, conduct activities that will improve or expand such services and help improve public understanding of the problems of such individuals.	\$ 87,883	Independent Living Services for Older Individuals Who Are Blind, Recovery Act	2	Independent Living Rehabilitation Specialist
DLIR	AA-17117-08-55-A-15	(1) CFDA 17.259, WIA Youth Grants, \$2,918,025 awarded: To provide employment and training activities, including high quality work experience in an expanded summer component to youth 14-24 years old. (2) CFDA 17.260, WIA Dislocated Worker Grants, \$2,161,	\$ 6,313,624	Programs Funded Under the Workforce Investment Act	125.64	(1) CFDA 17.260, Youth Program: 118.27 FTE, including summer work experience (clerical, recreation aides, maintenance, landscaping), employment counselors, case managers, field managers. (2) CFDA 17.259, Dislocated Worker Program: 4.10 FTE, including e
DLIR	ES-17556-08-55-A-15	(1) CFDA 17.207, Wagner-Peyser Reemployment Service Grants, \$891,404 awarded: To provide individuals who are receiving unemployment compensation staff-assisted, more intensive employment-related services. (2) CFDA 17.207, Employment Service/Wagner-Peyse	\$ 1,426,246	Programs Funded under Recovery Act Reemployment Services and Wagner-Peyser	5.2	(1) CFDA 17.207, Wagner-Peyser Reemployment Service Grants: sustained 0.94 FTEs, including portions of counselors, managers, and program specialists. (2) CFDA 17.207, Employment Service/Wagner-Peyser Grants: sustained 4.26 FTEs, including portions of c
DLIR	AD-18363-09-60-A-15	Senior Community Service Employment Program Grants (SCSEP): To provide subsidized, part-time, community service work-based training for low-income persons age 55 or older who have poor employment prospects. It is intended that these community service ex	\$ 507,317	Recovery Act Older Americans	1.27	Portions of counselors, specialist, fiscal staff
DLIR	EE0000183	Weatherization Formula Grants - American Recovery and Reinvestment Act of 2009	\$ 4,041,461	Weatherization Assistance Program for Low -Income Persons	8.85	0 jobs - Prime Recipient; 12 Energy Educators positions created by Sub Recipients; 0 jobs - Vendors
DOT-HWY	360010	Highway Infrastructure Investment Grant: Rural Areas with Population under 5K	\$ 681,231	Hana Highway Pavement Preventive Maintenance, Kaupakalua Road to Huelo	1	Paving, general labor, traffic control and office work.
DOT-HWY	460014	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible), Rural Areas with Population under 5K	\$ 4,202,794	Maunaloa Highway Resurfacing, Hoolehua to Vicinity of Keonelele Avenue	0.83	Cold planing, paving, adjustment of utility structures, re-establishment of survey control and adjustment of survey monuments, and striping for an existing state roadway.
DOT-HWY	561052	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	\$ 1,174,628	Kuhio Highway Resurfacing, Kawaihau Road to Kapaa Bridge	3.64	Masonry, paving, general labor and traffic control.
DOT-HWY	583001	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	\$ 838,445	Maalo Road Resurfacing, Mile Post 0.0 to Mile Post 1.0	2.1	Masonry, paving, general labor and traffic control.
DOT-HWY	831042	Highway Infrastructure Investment Grant: Urbanized Areas over 200K Population, Available for Use in Any Area (flexible)	\$ 23,891,703	Kamehameha Highway, Replacement of South Punaluu Stream Bridge	0.72	Installation of construction, notice to motorists advisory signs and Site-Specific BMP plans.
DOT-HWY	11250	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	\$ 1,423,254	Interstate Route H-1 Seismic Retrofit, Farrington Highway Separation & Makakilo Drive Separation	4.39	Masonry, fiberwrap reinforcement by specialists, general labor and traffic control.
DOT-HWY	192059	Highway Infrastructure Investment Grant: Available for Use in Any Area (flexible)	\$ 9,167,761	Hawaii Bell Road, Clean and Paint Steel Members, Ninole, Maulua, Kuwaikahi and Kukalau Bridges	4.94	Project administration and general labor.
DOT-AIR	3-15-0006-046-2009	Airport Development	\$ 15,000,000	Kahului Apron Pavement Structural Improvements	27.14	Construction Supervisor, Pavement Saw Cutting, Carpenters, Masons, Pavement Strippers, Construction Labor, Surveyors, Truck Drivers
UH	EAR-0911301	Conduct field mapping and sample collection of late-glacial volcanic rocks in west Iceland for geochemical analysis. Perform numerical modeling of melting processes to compare with the collected data.	\$ 295,743	The Manlle Melt Column and Melt Migration Revealed by Deglaciation Melting Beneath Iceland's Western Rift Zone	0.15	Professor

STATE ENTITIES	AWARD_NUMBER	AWARD DESCRIPTION	AWARD AMOUNT	PROJECT NAME OR PROGRAM TITLE	NUMBER OF JOBS	DESCRIPTION OF JOBS CREATED
UH	OCE-0902869	Investigate changes in past ocean chemistry in order to improve understanding and forecast of future changes.	\$ 164,710	Collaborative Research: Reconstructing Deep Sea Acidification During the Paleocene-Eocene Thermal Maximum	0.47	Research Assistant responsible for conducting numerical experiments and data analyses focusing on carbon cycle perturbations.
UH	OCE-0927089	Using laboratory experiments, the project results will significantly contribute to understanding tools that are widely used to reconstruct the climate of the past.	\$ 248,760	Understanding Paleo-Climate Tools: Effects of Carbonic Anhydrase and Mg on Oxygen Isotopes in Dissolved and Solid Carbonate	0.82	Graduate Assistant/Research Assistant responsible for conducting laboratory experiments including precipitation of carbonates and isotope analyses.
UH	3R01HL080532-03S2	This supplement award supports a local high school science teacher to participate in investigating the transcriptional and physiological analysis of cardiac HIF1.	\$ 66,005	Transcriptional and Physiological Analysis of Cardiac HIF-1	2	A high school science educator participates in the laboratory in the summer (Research Assistant) & a former high school science educator develops online training materials for science educators to learn laboratory skills (CCR Science Education Developer)
UH	IOS-0845116	This grant proposal is for behavioral experiments with honeybees focused on short-term memory, concept learning, and relational learning.	\$ 210,000	Learning and Cognition in Honeybees	0.97	Graduate Student Assistant, Research Associate
UH	OCE-0849747	To understand the fundamental, 3-dimensional dynamics of the Atlantic Meridional Overturning Circulation's large-scale descending branch, including its dependence on horizontal and vertical mixing, buoyancy fluxes, winds, bottom topography and basin geometry	\$ 443,595	Dynamics of the Descending Branch of the Atlantic Meridional Overturning Circulation	1.16	Fabian Schloesser is a graduate student within the School of Ocean and Earth Science and Technology (SOEST) at the University of Hawaii at Manoa. Much of project involves obtaining solutions to two types of models: a layer model (LOM) and an oceanic general circulation model (OGCM). Fabian is responsible for all aspects of LOM. He obtains solutions to LOM, interprets them in terms of ocean dynamics, and compares them to comparable solutions to the OGCM. As such, he plays an essential role in the project's success. Results will form the foundation for Fabian's doctoral thesis.
UH	OCE-0850827	The response of marine nitrogen-fixing microorganism physiology and gene expression will be examined in high carbon dioxide experimental perturbation experiments.	\$ 437,859	Collaborative Research: Oceanic Diazotroph Community Structure and Activities in a High Carbon Dioxide World	0.47	Oceanographic Research Assistant (NR): Assists with laboratory processing/analyses of seawater microbiological samples, maintains/oversee laboratory sample database. Graduate Research Assistant: Participate in research cruises to study ocean/climate in N
UH	1R21CA139712-01A1	The objective is to understand the effects of chemotherapy on the brain in children diagnosed with leukemia using sensitive magnetic resonance imaging techniques.	\$ 304,481	Neuroimaging to Assess the Effects of Therapy in Children with Acute Lymphoblastic Leukemia	0.8	Professor of Peds & Medicine: Serve as Co-PI responsible for clinical oncology aspect of study, neuropsych testing, & molecular biology aspects. Professor of Medicine: Provide guidance in MR techniques and cognitive assessments. Professor of Medicine: Ser
UH	OCE-0926766	The primary objectives of this study are to examine climate-linked changes in ocean biogeochemistry and physics through monthly research cruises to the North Pacific Ocean.	\$ 6,201,878	The Hawaii Ocean Time-series (HOT): Sustaining ocean ecosystem and climate observations in the North Pacific Subtropical Gyre	1.25	HOT Project Field and Laboratory Coordinator: Coordinate/manage research activities at sea & in lab, oversight of seawater nutrient analyses, training of personnel, lab health/safety. Research Oceanography Specialist: Performs biogeochemical analyses of
UH	SES-0918185	This research attempts to explore the use of Agent-Based Model as a flexible and comprehensive alternative for the analysis of fishers' responses to alternative fishery policies, using Hawaii's longline fishery as an illustrative example.	\$ 287,437	An Exploratory Application of Agent Based Modeling for Policy Evaluations in Hawaii's Longline Fishery	0.5	Graduate Research Assistant
UH	3R21HD058059-02S1	The primary goal of this application is to use intracytoplasmic sperm (ICSI) and other assisted reproduction techniques (ART) to define the minimum Y gene requirement during spermatogenesis that is compatible with the generation of ART-competent sperm.	\$ 6,664	Minimum Y Gene Complement Necessary for Successful ART	0.34	Research Assistant
UH	3R01NR007883-06S2	The purpose of this study is to develop and conduct pilot testing of a tool to assess dietary intake for Filipino-Americans, and to identify relationships between dietary intake and outcome measures for the diabetes prevention lifestyle intervention, i.e.	\$ 207,781	Cognitive Behavioral Intervention in Diabetes Self-Management	0.36	1) Asst Prof, UHM, 9-mo. (UH employee, Faculty Candidate) 2) Research Assistant (Graduate Student)
UH	3R01CA111419-04S2	Research relates to active R01 which examines the role of polyamines and polyamine inhibitors in the pediatric cancer neuroblastoma and is in direct response to the "Notice of Availability of Recovery Act Funds for Administrative Supplement NOT-OD-056.	\$ 111,994	Role of Polyamines in MYCN-Amplified Neuroblastoma	0.58	Junior Researchers (2)

STATE ENTITIES	AWARD_NUMBER	AWARD DESCRIPTION	AWARD AMOUNT	PROJECT NAME OR PROGRAM TITLE	NUMBER OF JOBS	DESCRIPTION OF JOBS CREATED
UH	3K24MH074468-04S1	Administrative supplement to support and accelerate the tempo of current study aims of the parent grant. This supplement is responsive to NIMHs Strategic Plan to strengthen the public health impact of NIMH-supported research by enhancing our knowledge b	\$ 49,950	Mentoring/Career Development in PTSD Services Research (ARRA)	0.08	Co-Investigator, Psychiatric Epidemiologist
UH	DEB-0918341	A phylogenetic analysis of Hawaii's endemic aquatic and terrestrial Hyposmocoma moths based on both morphological and molecular data.	\$ 421,886	Ecological Diversity, Systematics, and Conservation of Hawaii's Endemic Hyposmocoma	0.65	Graduate Assistant (0.50); RCUH employee (Specialized Services, Rsch Assoc, 0.03); Pre-Baccalaureate Student (0.05 & 0.07)
UH	POO033A091078	Federal Work-Study provides need-based financial aid to students.	\$ 183,583	Federal Work-Study	1	Federal Work-Study Program Jobs.
UH	POO033A091068	Federal Work-Study provides need-based financial aid to students.	\$ 50,918	Federal Work-Study	1	Federal Work-Study Program Jobs.

793.25

**List of ARRA Coordinators by State Entity**

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Dept. of Bus Econ Dev & Tourism-Hawaii Housing Finance & Dev.	Primary	Karen Seddon	587-0641	<a href="mailto:Karen.S.Seddon@hawaii.gov">Karen.S.Seddon@hawaii.gov</a>
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Dept of Education	Primary	Kathy Matayoshi	586-3316	<a href="mailto:kathryn_matayoshi@notes.k12.hi.us">kathryn_matayoshi@notes.k12.hi.us</a>
	Back-Up	Edwin Koyama	586-3450	<a href="mailto:edwin_koyama@notes.k12.hi.us">edwin_koyama@notes.k12.hi.us</a>
Dept. of Hawaiian Home Lands	Primary	Kaulana Park	620-9502	<a href="mailto:Kaulana.H.Park@hawaii.gov">Kaulana.H.Park@hawaii.gov</a>
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Honolulu County	Chrystn Eads	768-4937	<a href="mailto:ceads@honolulu.gov">ceads@honolulu.gov</a>





Number of characters entered: 0

Activity Code (NAICS or NTEE-NPC)*	
1	2
3	4
5	6
7	8
9	10

Total Federal Amount of ARRA Expenditure*	Total Federal ARRA Infrastructure Expenditure	Infrastructure Contact Name
Infrastructure Contact Email	Infrastructure Contact Phone	Infrastructure Contact Phone Ext
Infrastructure Contact Street Address 1	Infrastructure Contact Street Address 2	Infrastructure Contact Street Address 3
Infrastructure City	Infrastructure State	Infrastructure ZIP Code+4

Infrastructure Purpose and Rationale

Number of characters entered: 0

Primary Place of Performance		
Street Address 1	Street Address 2	City*
State*	ZIP Code+4*	Congressional District*
Country*		

Recipient Highly Compensated Officers			
Prime Recipient Indication of Reporting Applicability*	#	Officer Name	Officer Compensation
	1		
	2		
	3		
	4		
	5		





**Vendors**

Reporting Information
Award Number:

No.	Subaward Number(*)	Vendor DUNS Number(*)	Vendor Name(*)	Vendor HQ ZIP Code+4(*)	Product and Service Description	Payment Amount
1						
2						
3						
4						
5						
6						
7						
8						
9						
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11						
12						
13						
14						

## Attachment A. ARRA Jobs Worksheet for Quarterly Reporting

### PREFERRED

#### STEP 1: Calculate Quarterly Hours in a Full-Time Schedule.

- A. Start by determining the standard hours in a full-time work week schedule as illustrated below. This example uses **40** hours, but other standards are possible.
- B. Multiply this amount by 13 weeks to determine the quarterly number of hours for full-time work:

$$40 \text{ Hours in full-time work week} \times 13 \text{ weeks per year} = \underline{520 \text{ Total Quarterly Hours}}$$

#### STEP 2: Calculate the Full Time Equivalent (FTE) for this Quarter.

- A. Determine the number of hours worked in positions funded by the Recovery Act within the current quarter. For example, a full-time employee working 40 hours per week during the entire quarter will work 520 hours in the quarterly reporting period.
- B. Divide this number by the "Quarterly Hours in a Full-Time Schedule" number calculated in STEP 1. This calculation should be performed for each employee working under Recovery Act funding within the reporting quarter (add each together to calculate an FTE total):

$$\frac{520 \text{ Hours Worked and Funded by Recovery Act}}{520 \text{ Quarterly Hours in a Full-Time Schedule}} = 1.0 \text{ FTE}$$

For this example, the FTE figure "1.0" should be reported within the "Number of Jobs" data field in FederalReporting.gov.

#### (If Needed) Reflect Partial ARRA Funding.

- A. Count all hours worked on the project. In this example, a total of 520 hours were worked on the project and the total number of quarter hours in a full time schedule is 520 hours. The recipient determines the amount of hours, by employee, funded by the Recovery Act (in this case, 50%) and totals only those hours.
- B. Calculate FTE:

$$\frac{260 \text{ Hours Worked}}{520 \text{ Quarterly Hours in a Full-Time Schedule}} = 0.5 \text{ FTE}$$

For this example, the FTE figure "0.5" should be reported within the "Number of Jobs" data field in FederalReporting.gov.

OR the recipient does not have the information by employee, but knows the overall percentage of the work hours funded by the Recovery Act (in this case, 50%).

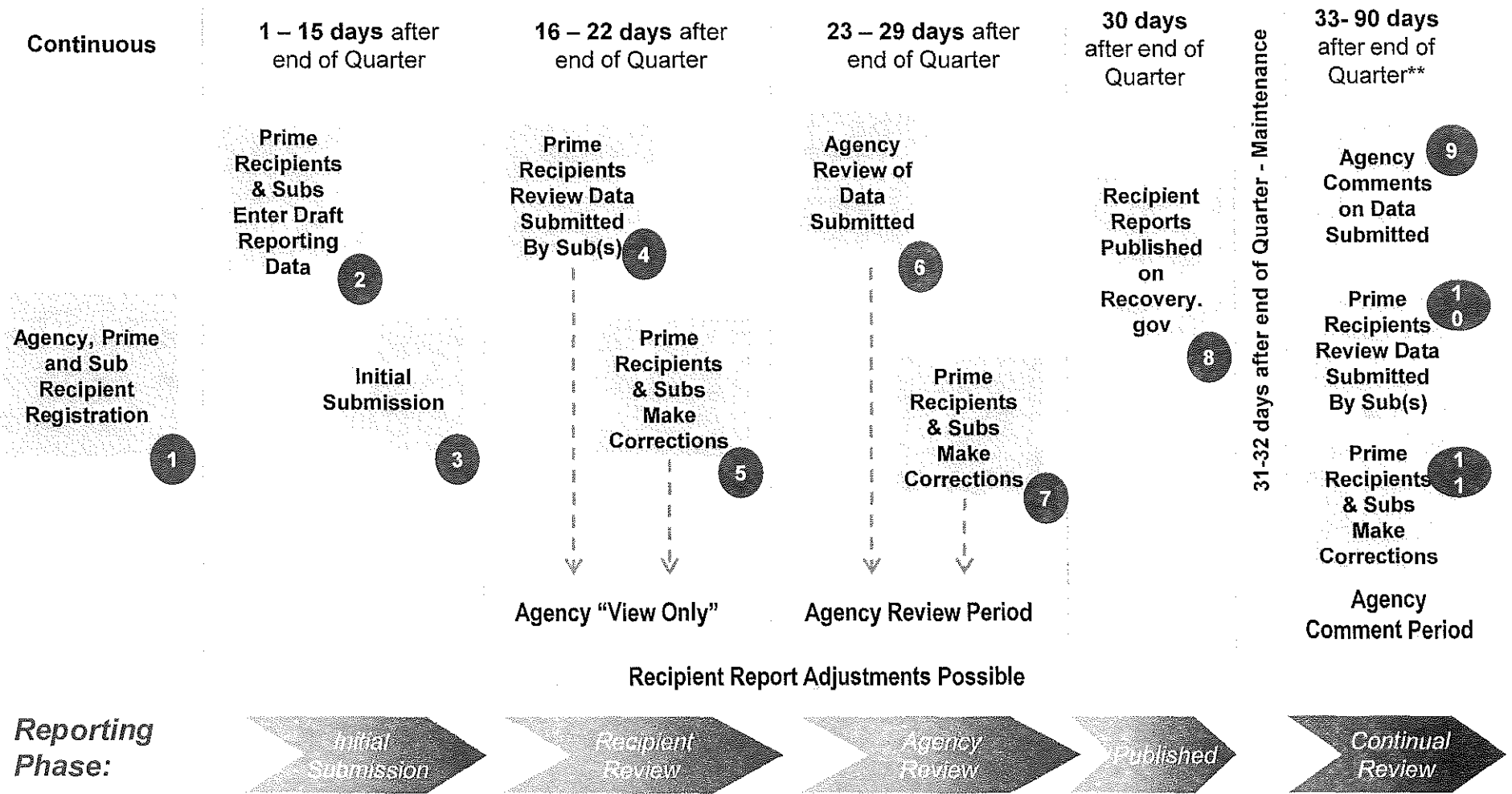
Calculate FTE:

$$\frac{520 \text{ Hours Worked}}{520 \text{ Quarterly Hours in a Full-Time Schedule}} = 1 \text{ FTE}$$

$$1 \text{ FTE} \times 50\% = 0.5 \text{ FTE}$$

For this example, the FTE figure "0.5" should be reported within the "Number of Jobs" data field in FederalReporting.gov.

# Proposed January In-bound Recipient Reporting Timeline and Activities



\*\*Reports will be unlocked Days 33-90  
 \*\*There will be no late submission during Days 33-90

**Summary Report of Unauthorized Positions - ARRA  
Reporting Period December 1, 2008 - November 30, 2009**

	<b>Position Title</b>	<b>Purpose</b>	<b>Approved by Gov</b>
	<b>Department of Business, Economic Development and Tourism</b>		
1	Renewable Energy Permitting Specialist	Support permit facilitation	31-Aug
2	Fuels Specialist	Serve as subject matter expert on bioenergy and fuels	31-Aug
3	Solar Energy Specialist	Serve as subject matter expert on solar energy	31-Aug
4	Wind Energy Specialist	Serve as subject matter expert on wind energy	31-Aug
5	Renewable Energy Analyst	Coordinate activities in bioenergy and transportation	31-Aug
6	Energy Emergency Planning Analyst	Provide support relating to the State's Energy Emergency Preparedness Plan	31-Aug
7	Energy Planning Analyst	Provide support to the DBEDT Director's statutory role as State Energy Resources Coordinator	31-Aug
8	Energy Planning Analyst	Provide support to the DBEDT Director's statutory role as State Energy Resources Coordinator	31-Aug
9	Energy Data Analyst	Support the data research, collection, management and analysis function of the branch	31-Aug