# **Stanford University**

E.I.N. # 941156365 Reports on Financial Statements and Federal Award Programs in Accordance with OMB Circular A-133 For the year ended August 31, 2012

Page(s)	)
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Report of Independent Auditors on Financial Statements and Schedule of Expenditures of Federal Awards	1
Consolidated Financial Statements and Notes2-	-53
Summary Schedule of Expenditures of Federal Awards and Schedule of Expenditures of Federal Awards and Notes to Schedule of Expenditures of Federal Awards	109
Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>	111
Report of Independent Auditors on Compliance with Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance with OMB Circular A-133	114
Schedule of Findings and Questioned Costs	
Part I – Summary of Auditors' Results1	115
Part II – Financial Statement Findings1	
Part III – Federal Award Findings and Questioned Costs116-1	
Summary Schedule of Prior Year Audit Findings1	119
Management's Views and Corrective Action Plan	120



**Report of Independent Auditors** 

To the Board of Trustees of Stanford University

In our opinion, the accompanying consolidated statements of financial position and the related consolidated statements of activities and cash flows present fairly, in all material respects, the financial position of Stanford University (the "University") at August 31, 2012 and 2011, and the changes in its net assets and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the University's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In accordance with *Government Auditing Standards*, we have also issued our report dated December 12, 2012 on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended August 31, 2012. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements taken as a whole. The accompanying Summary Schedule of Expenditures of Federal Awards and Schedule of Expenditures of Federal Awards (the "Schedules") for the year ended August 31, 2012 are presented for purposes of additional analysis as required by U.S. Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*, and are not a required part of the financial statements. The information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The Schedules have been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements and certain additional procedures, including standards generally accepted in the United States of America. In our opinion, the Schedules are fairly stated, in all material respects, in relation to the financial statements taken as a whole.

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December 12, 2012

# CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

At August 31, 2012 and 2011 (in thousands of dollars)

				2012				2011
		UNIVERSITY	ŀ	HOSPITALS	CO	NSOLIDATED	CO	NSOLIDATED
ASSETS								
Cash and cash equivalents	\$	1,140,088	\$	594,760	\$	1,734,848	\$	1,694,215
Assets limited as to use, held by trustee		-		728,324		728,324		-
Accounts receivable, net		388,518		682,027		1,070,545		703,009
Receivables (payables) from SHC and LPCH, net		55,287		(55,287)		-		-
Prepaid expenses and other assets		81,335		99,314		180,649		155,763
Pledges receivable, net		707,378		360,876		1,068,254		894,694
Student loans receivable, net		76,699		-		76,699		75,722
Faculty and staff mortgages and other loans receivable, net		459,382		-		459,382		465,344
Investments at fair value, including securities pledged or on loan	۱							
of \$97,788 and \$125,033 for 2012 and 2011, respectively		22,246,700		1,898,984		24,145,684		22,985,197
Plant facilities, net of accumulated depreciation		3,826,387		1,494,058		5,320,445		5,007,107
Works of art and special collections		-		-		-		-
TOTAL ASSETS	\$	28,981,774	\$	5,803,056	\$	34,784,830	\$	31,981,051
LIABILITIES AND NET ASSETS								
LIABILITIES:								
Accounts payable and accrued expenses	\$	589,466	\$	778,619	\$	1,368,085	\$	1,110,645
Accrued pension and post retirement benefit cost		649,318		154,227		803,545		662,946
Pending trades of securities		410,120		-		410,120		209,683
Liabilities under security lending agreements		141,199		-		141,199		182,027
Deferred rental and other income		556,728		-		556,728		548,363
Income beneficiary share of split interest agreements		367,037		-		367,037		387,947
Notes and bonds payable		2,708,706		1,700,427		4,409,133		3,709,785
U.S. government refundable loan funds		53,783		-		53,783		53,760
TOTAL LIABILITIES		5,476,357		2,633,273		8,109,630		6,865,156
NET ASSETS:								
Unrestricted		12,086,359		2,251,986		14,338,345		13,236,421
Temporarily restricted		6,032,515		710,447		6,742,962		6,597,966
Permanently restricted		5,386,543		207,350		5,593,893		5,281,508
TOTAL NET ASSETS		23,505,417		3,169,783		26,675,200		25,115,895
TOTAL LIABILITIES AND NET ASSETS	\$	28,981,774	\$	5,803,056	\$	34,784,830	\$	31,981,051

# CONSOLIDATED STATEMENTS OF ACTIVITIES

For the years ended August 31, 2012 and 2011 (in thousands of dollars)

			2012				2011
	U	JNIVERSITY	HOSPITALS	CO	NSOLIDATED	COI	NSOLIDATED
UNRESTRICTED NET ASSETS							
OPERATING REVENUES:							
Student income:							
Undergraduate programs	\$	298,049	\$ -	\$	298,049	\$	285,582
Graduate programs		287,225	-		287,225		274,784
Room and board		135,879	-		135,879		127,785
Student financial aid		(240,649)	-		(240,649)		(230, 307)
TOTAL STUDENT INCOME		480,504	-		480,504		457,844
Sponsored research support:							
Direct costs - University		639,630	-		639,630		660,684
Direct costs - SLAC National Accelerator Laboratory		368,187	-		368,187		366,435
Indirect costs		226,424	-		226,424		220,248
TOTAL SPONSORED RESEARCH SUPPORT		1,234,241	-		1,234,241		1,247,367
Health care services:							
Patient care, net		-	3,220,020		3,220,020		2,880,250
Physicians' services and support - SHC and LPCH, net		519,930	(519,930)		_		-
Physicians' services and support - other facilities, net		25,019	-		25,019		22,033
TOTAL HEALTH CARE SERVICES		544,949	2,700,090		3,245,039		2,902,283
CURRENT YEAR GIFTS IN SUPPORT OF OPERATIONS		178,214	6,305		184,519		170,651
Net assets released from restrictions:							
Payments received on pledges		79,943	1,930		81,873		85,127
Prior year gifts released from donor restrictions		28,260	2,590		30,850		31,055
TOTAL NET ASSETS RELEASED FROM RESTRICTIONS		108,203	4,520		112,723		116,182
Investment income distributed for operations:							
Endowment		871,106	12,319		883,425		799,058
Expendable funds pools and other investment income		131,330	739		132,069		128,456
TOTAL INVESTMENT INCOME DISTRIBUTED FOR OPERATIONS		1,002,436	13,058		1,015,494		927,514
SPECIAL PROGRAM FEES AND OTHER INCOME		428,679	113,423		542,102		467,767
TOTAL OPERATING REVENUES		3,977,226	2,837,396		6,814,622		6,289,608
OPERATING EXPENSES:							
Salaries and benefits		2,334,359	1,377,549		3,711,908		3,448,611
Depreciation		277,479	129,089		406,568		394,405
Other operating expenses		1,154,472	1,025,198		2,179,670		1,931,332
TOTAL OPERATING EXPENSES		3,766,310	2,531,836		6,298,146		5,774,348
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	\$	210,916	\$ 305,560	\$	516,476	\$	515,260

## **CONSOLIDATED STATEMENTS OF ACTIVITIES, Continued**

For the years ended August 31, 2012 and 2011 (in thousands of dollars)

			2	012				2011
	U	NIVERSITY	HO	SPITALS	CON	ISOLIDATED	CON	SOLIDATED
UNRESTRICTED NET ASSETS (continued)								
CHANGE IN NET ASSETS FROM OPERATING ACTIVITIES	\$	210,916	\$	305,560	\$	516,476	\$	515,260
Non-operating activities:								
Increase in reinvested gains		394,277		51,349		445,626		1,762,358
Donor advised funds, net		38,998		-		38,998		1,057
Current year gifts not included in operations		253,390		-		253,390		4,237
Equity and fund transfers from Hospitals, net		15,072		(15,072)		-		-
Capital and other gifts released from restrictions		124,865		5,865		130,730		248,921
Pension and other post employment benefit related changes								
other than net periodic benefit expense		(106,716)		(15,355)		(122,071)		97,381
Transfer to permanently restricted net assets, net		(36,361)		-		(36,361)		(56,247)
Transfer to temporarily restricted net assets, net		(21,032)		-		(21,032)		(16,121)
Swap interest and unrealized losses		(21,610)		(69,805)		(91,415)		(1,275
Other		(897)		(11,520)		(12,417)		3,331
NET CHANGE IN UNRESTRICTED NET ASSETS		850,902	2	251,022		1,101,924		2,558,902
TEMPORARILY RESTRICTED NET ASSETS								
Gifts and pledges, net		229,441		375,140		604,581		343,759
Increase (decrease) in reinvested gains		(215,549)		10,222		(205,327)		932,343
Change in value of split interest agreements, net		6,195		(492)		5,703		(240
Net assets released to operations		(108,203)		(23,883)		(132,086)		(137,948
Capital and other gifts released to unrestricted net assets		(124,865)		(5,865)		(130,730)		(248,921
Gift transfers from Hospitals, net		2,141		(2,141)		-		-
Transfer from unrestricted net assets, net		21,032		-		21,032		16,121
Transfer to permanently restricted net assets, net		(18,349)		(1,099)		(19,448)		(24,300
Other		(2,505)		3,776		1,271		(4,947)
NET CHANGE IN TEMPORARILY RESTRICTED NET ASSETS		(210,662)	3	355,658		144,996		875,867
PERMANENTLY RESTRICTED NET ASSETS								
Gifts and pledges, net		227,079		420		227,499		150,847
Increase in reinvested gains		4,612		-		4,612		15,150
Change in value of split interest agreements, net		23,984		481		24,465		26,791
Transfer from unrestricted net assets, net		36,361		-		36,361		56,247
Transfer from temporarily restricted net assets, net		18,349		1,099		19,448		24,300
Other		-		-		-		408
NET CHANGE IN PERMANENTLY RESTRICTED NET ASSETS		310,385		2,000		312,385		273,743
NET CHANGE IN TOTAL NET ASSETS		950,625		608,680		1,559,305		3,708,512
Total net assets, beginning of year		22,554,792	2	,561,103	<u>.</u>	25,115,895		21,407,383
TOTAL NET ASSETS, END OF YEAR	\$ 2	3,505,417	\$3,	169,783	\$	26,675,200	\$ 2	25,115,895

# CONSOLIDATED STATEMENTS OF CASH FLOWS

For the years ended August 31, 2012 and 2011 (in thousands of dollars)

	2012				2011		
	U	NIVERSITY	HOSPITALS		CONSOLIDATED	COI	NSOLIDATED
CASH FLOW FROM OPERATING ACTIVITIES							
Change in net assets	\$	950,625	\$ 608,6	680	\$ 1,559,305	\$	3,708,512
Adjustments to reconcile change in net assets to net cash							
provided by (used for) operating activities:							
Depreciation		277,479	129,0	)89	406,568		394,405
Amortization, loss on disposal of fixed assets and other adjustments		17,523	1,2	279	18,802		19,026
Net gains on investments and security agreements		(947,706)	(32,3	305)	(980,011)		(3,420,395)
Net losses (gains) on derivatives		17,279	69,8	805	87,084		(3,645)
Changes in split interest agreements		8,901		11	8,912		45,755
Investment losses (gains) for restricted purposes		(13,388)		/32	(7,656)		(37,798)
Gifts restricted for long-term investments		(293,970)	(316,0	040)	(610,010)		(292,145)
Equity and fund transfers from Hospitals		(17,214)	17,2	214	-		-
Gifts of securities and properties		(355,313)		-	(355,313)		(51,904)
Premiums received from bond issuance		21,434	59,6	514	81,048		1,534
Changes in operating assets and liabilities:							
Accounts receivable, pledges receivable and receivables		(. <b>-</b> )	<i></i>		(		·· · ··
from SHC and LPCH, net		(1,702)	(150,7		(152,492)		(104,004)
Prepaid expenses and other assets		(19,387)		915)	(20,302)		(4,852)
Accounts payable and accrued expenses		33,204	82,4		115,640		74,535
Accrued pension and post retirement benefit costs		127,811	12,7	/88	140,599		(58,749)
Deferred rental and other income		8,365		-	8,365		22,126
Other		1,965	(6,9	-	(5,019)		(10,649)
NET CASH PROVIDED BY (USED FOR) OPERATING ACTIVITIES		(184,094)	479,6	514	295,520		281,752
CASH FLOW FROM INVESTING ACTIVITIES							
Land, building and equipment purchases		(402,939)	(268,5	67)	(671,506)		(567,301)
Student, faculty and other loans:							
New loans made		(56,060)		-	(56,060)		(76,749)
Principal collected		56,852		-	56,852		48,996
Increase in assets limited as to use, held by trustees		-	(728,3	324)	(728,324)		-
Purchases of investments	(	(12,990,781)	(159,2		(13,149,999)	(	18,057,837)
Sales and maturities of investments		13,357,744	82,1	50	13,439,894		17,913,773
NET CASH PROVIDED BY (USED FOR) INVESTING ACTIVITIES		(35,184)	(1,073,9	59)	(1,109,143)		(739,118)
CASH FLOW FROM FINANCING ACTIVITIES							
Gifts and reinvested income for restricted purposes		227,680	50,7	/32	278,412		203,515
Equity and fund transfers from Hospitals		21,117	(21,1	17)	-		-
Proceeds from borrowing		336,056	912,8	315	1,248,871		272,615
Bond issuance costs and interest rate swaps		(1,394)	(7,4	115)	(8,809)		(1,813)
Repayment of notes and bonds payable		(369,545)	(253,8	368)	(623,413)		(365,862)
Increase (decrease) in liabilities under security lending agreements		(40,828)		-	(40,828)		22,003
Other		23		-	23		320
NET CASH PROVIDED BY FINANCING ACTIVITIES		173,109	681,1	47	854,256		130,778
INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS		(46,169)	86,8	302	40,633		(326,588)
Cash and cash equivalents, beginning of year		1,186,257	507,9	958	1,694,215		2,020,803
						¢	
CASH AND CASH EQUIVALENTS, END OF YEAR	\$	1,140,088	\$ 594,7	760	\$ 1,734,848	Þ	1,694,215
CASH AND CASH EQUIVALENTS, END OF YEAR SUPPLEMENTAL DATA:						2	
CASH AND CASH EQUIVALENTS, END OF YEAR SUPPLEMENTAL DATA: Interest paid during the year	\$	104,210	\$ 62,8		\$ 167,072	\$	158,010
CASH AND CASH EQUIVALENTS, END OF YEAR SUPPLEMENTAL DATA:				362 -			

# NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

### 1. Basis of Presentation and Significant Accounting Policies

### BASIS OF PRESENTATION

The consolidated financial statements include the accounts of Stanford University (the "University"), Stanford Hospital and Clinics (SHC), Lucile Salter Packard Children's Hospital at Stanford (LPCH) and other majority-owned or controlled entities. All significant inter-entity transactions and balances have been eliminated upon consolidation. Certain prior year amounts have been reclassified to conform to the current year's presentation. These reclassifications had no impact on the change in net assets or total net assets.

### University

The University is a private, not-for-profit educational institution, founded in 1885 by Senator Leland and Mrs. Jane Stanford in memory of their son, Leland Stanford Jr. A Board of Trustees (the "Board") governs the University. The University category presented in the consolidated financial statements comprises all of the accounts of the University, including its institutes and research centers, and the Stanford Management Company.

SLAC National Accelerator Laboratory (SLAC) is a federally funded research and development center owned by the Department of Energy (DoE). The University manages and operates SLAC for the DoE under a management and operating contract; accordingly, the revenues and expenditures of SLAC are included in the University's *Statements of Activities*, but SLAC's assets and liabilities are not included in the University's *Statements of Financial Position*. SLAC employees are University employees and participate in the University's employee benefit programs. The University holds some receivables from the DoE substantially related to reimbursement for employee compensation and benefits.

### Hospitals

SHC and LPCH are California not-for-profit public benefit corporations. The University is the sole member of each of these entities. SHC and LPCH support the mission of medical education and clinical research of the University's School of Medicine (SoM). Collectively, these entities comprise the Stanford Medical Center. They operate two licensed acute care and specialty hospitals on the Stanford campus and numerous physician clinics on the campus, in community settings and in association with regional hospitals in the San Francisco Bay Area and elsewhere in California. The University has partnered with SHC and LPCH, respectively, to establish physician practice management organizations to support the Stanford Medical Center's mission of delivering quality care to the community and conducting research and education.

The "Hospitals" category presented in the consolidated financial statements comprises all of the accounts of SHC, LPCH, the University HealthCare Alliance and Packard Children's Health Alliance physician practice management organizations, and a captive insurance company which SHC and LPCH jointly control. For purposes of presentation of the Hospitals' balance sheets, statements of operations and changes in net assets and statements of cash flows in these consolidated financial statements, conforming reclassifications have been made to the Hospitals' revenues, expenses, investment income and interentity receivables and payables consistent with categories in these consolidated financial statements.

### TAX STATUS

The University and the Hospitals are exempt from federal and state income taxes to the extent provided by Section 501(c)(3) of the Internal Revenue Code and equivalent state provisions.

### BASIS OF ACCOUNTING

The consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP"). These principles require management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

For financial reporting purposes, net assets and revenues, expenses, gains and losses are classified into one of three categories - unrestricted, temporarily restricted or permanently restricted.

### **Unrestricted Net Assets**

Unrestricted net assets are expendable resources which are not subject to donor-imposed restrictions. Unrestricted net assets include funds designated for operations, net investment in plant facilities, certain investment and endowment gains and funds functioning as endowment. These net assets may be designated by the University or the Hospitals for specific purposes under internal operating and administrative arrangements or be subject to contractual agreements with external parties. Donor-restricted contributions that relate to the University's or the Hospitals' core activities and are received and expended or deemed expended based on the nature of donors' restrictions are classified as unrestricted. All expenses are recorded as a reduction of unrestricted net assets.

The operating activities of the University and the Hospitals include the revenues earned and expenses incurred in the current year to support the University's core activities of teaching and research or the Hospitals' patient care, teaching and research missions. The non-operating activities of the University and Hospitals include increases or decreases in reinvested gains, current year gifts not included in operations, capital and other gifts released from restrictions, pension and other post employment benefit related changes other than net periodic benefit expense and certain other non-operating activities.

Transfers from unrestricted net assets to temporarily restricted net assets and permanently restricted net assets are primarily the result of donor redesignations or matching funds that are added to donor gift funds which then take on the same restrictions as the donor gift.

### **Temporarily Restricted Net Assets**

Temporarily restricted net assets include gifts and pledges that are subject to donor-imposed restrictions that expire with the passage of time, payment of pledges or specific actions to be undertaken by the University or the Hospitals, which are then released and reclassified to unrestricted net assets. In addition, appreciation and income on certain donor-restricted endowment funds are classified as temporarily restricted net assets until authorized for spending (see *Notes 12 and 13*). Donor-restricted resources intended for capital projects are initially recorded as temporarily restricted and released from their temporary restrictions and reclassified as unrestricted net assets when the asset is placed in service. Also included in this category is the University's net equity in split interest agreements that are expendable at maturity.

### **Permanently Restricted Net Assets**

Permanently restricted net assets consist primarily of endowment, annuity and life income funds which are subject to donor-imposed restrictions requiring that the principal be invested in perpetuity. Permanently restricted net assets may also include funds reclassified from other classes of net assets as a

result of donor-imposed stipulations, the University's net equity in split interest agreements that are not expendable at maturity and net assets which by donor stipulation must be made available in perpetuity for specific purposes.

#### CASH AND CASH EQUIVALENTS

Cash and cash equivalents included in the *Statements of Financial Position* consist of U.S. Treasury bills, commercial paper, certificates of deposit, money market funds and all other short-term investments with original maturities of 90 days or less at the time of purchase. These amounts are carried at cost, which approximates fair value. Cash and cash equivalents that are held for investment purposes are classified as investments (see *Note 5*).

#### ASSETS LIMITED AS TO USE, HELD BY TRUSTEES

Assets limited as to use include various accounts for the Hospitals held by a trustee in accordance with indenture requirements. The indenture terms require that the trustee control the expenditure of bond proceeds for hospital capital projects. Assets limited as to use consist of cash and cash equivalents and short-term investments, recorded at cost, which approximates fair value.

#### ACCOUNTS AND LOANS RECEIVABLE

Accounts and loans receivable are carried at cost, less an allowance for doubtful accounts.

### PLEDGES RECEIVABLE

Unconditional promises to give are included in the consolidated financial statements as pledges receivable and are classified as temporarily restricted or permanently restricted, depending upon donor stipulations. Pledges recognized on or after September 1, 2008 are recorded at an applicable risk-adjusted discount rate commensurate with the duration of the donor's payment plan. Pledges recognized in periods prior to September 1, 2008 were recorded at a discount based on the U.S. Treasury rate. Conditional promises, which depend on the occurrence of a specified future and uncertain event, such as matching gifts from other donors, are recognized when the conditions are substantially met.

### **INVESTMENTS**

Investments are recorded at fair value. Gains and losses (realized and unrealized) on investments are recognized in the *Statements of Activities* (see *Note 5*).

The investment portfolio may be exposed to various risks, including, but not limited to, interest rate, market, sovereign, concentration, counterparty, liquidity and credit risk. Fair value reporting requires management to make estimates and assumptions about the effects of matters that are inherently uncertain. Estimates developed using methods such as discounted cash flow are subjective, requiring significant judgments such as the amount and timing of future cash flows and the selection of appropriate discount rates that reflects market and credit risks. The University and the Hospitals regularly assess these risks through established policies and procedures. Actual results could differ from these estimates and such differences could have a material impact on the consolidated financial statements.

### PLANT FACILITIES

Plant facilities are recorded at cost or, for donated assets, at fair value at the date of donation. Interest expense for construction financing, net of income earned on unspent proceeds, is capitalized as a cost of construction. Depreciation is computed using the straight-line method over the estimated useful lives of the assets.

The useful lives used in calculating depreciation for the years ended August 31, 2012 and 2011 are as follows:

	UNIVERSITY	HOSPITALS
Land improvements	10-25 years	10-25 years
Buildings and building improvements	4-50 years	7-40 years
Furniture, fixtures and equipment	3-10 years	3-20 years

### WORKS OF ART AND SPECIAL COLLECTIONS

Works of art, historical treasures, literary works and artifacts, which are preserved and protected for educational, research and public exhibition purposes, are not capitalized. Donations of such collections are not recorded for financial statement purposes; however, purchases of such collections are recorded as operating expenses in the period in which they are acquired.

### DONATED ASSETS

Donated assets, other than works of art and special collections as discussed above, are recorded at fair value at the date of donation. Undeveloped land, including land acquired under the original endowment from Senator Leland and Mrs. Jane Stanford, is reported at fair value at the date of acquisition. Under the terms of the original founding grant, a significant portion of University land may not be sold.

#### DONOR ADVISED FUNDS

The University receives gifts from donors under donor advised fund (DAF) agreements. These funds are owned and controlled by the University and are separately identified by donor. A substantial portion of the gift must be designated to the University. The balance may be used to support other approved charities. The donors have advisory privileges with respect to the distribution of certain amounts in the funds. Current year gifts under the DAF agreements are included in the *Statements of Activities* as "donor advised funds, net" at the full amount of the gift. Transfers of funds to other charitable organizations are included in the Statements of Activities as a reduction to "donor advised funds, net" at the time the transfer is made. At August 31, 2012 and 2011, approximately \$251.0 million and \$207.3 million, respectively, of DAFs are not designated to the University.

### SPLIT INTEREST AGREEMENTS

Split interest agreements consist of arrangements with donors where the University and the Hospitals have an interest in assets held by the trustee and receive benefits that are shared with other beneficiaries. Split interest agreements where the University and the Hospitals are not the trustee are recorded in the "assets held by other trustees" category of "investments" in the *Statements of Financial Position* as described in Note 5.

The assets held under split interest agreements where the University is the trustee were \$632.2 million and \$628.7 million at August 31, 2012 and 2011, respectively, and were recorded in various categories in "investments" and the discounted present value of any income beneficiary interest is reported as "income beneficiary share of split interest agreements" in the *Statements of Financial Position*. The discount rates used, which range from 2% to 6%, are established in the year the gift was received and are based on tables established by the Internal Revenue Service.

During fiscal years 2012 and 2011, the discounted present value of new gifts subject to split interest agreements where the University is the trustee, net of the income beneficiary share, were \$31.2 million and \$18.1 million, respectively, and were included in "gifts and pledges, net" in the *Statements of Activities*. Actuarial gains or losses are included in "change in value of split interest agreements, net" in the *Statements of Activities*.

Funds subject to donor-imposed restrictions requiring that the principal be invested in perpetuity are classified as "permanently restricted net assets" in the *Statements of Financial Position*; all others are

classified as "temporarily restricted net assets" until the expiration of the donor-imposed restrictions, at which point they will be classified as "unrestricted net assets."

### SELF-INSURANCE

The University self-insures at varying levels for unemployment, disability, workers' compensation, property losses, certain health care plans and general and professional liability losses. The Hospitals self-insure at varying levels for health care plans, workers' compensation and, through their captive insurance company, for professional liability losses. Third-party insurance is purchased to cover liabilities above the self-insurance limits. Estimates of retained exposures are accrued.

### INTEREST RATE EXCHANGE AGREEMENTS

The University and the Hospitals have entered into several interest rate exchange agreements to reduce the effect of interest rate fluctuation on their variable rate revenue bonds and notes. Current accounting guidance for derivatives and hedges requires entities to recognize all derivative instruments at fair value. The University and the Hospitals do not designate and qualify their derivatives for hedge accounting; accordingly, any changes in the fair value (i.e. gains or losses) flow directly to the *Statements of Activities* in "swap interest and unrealized losses". The settlements (net cash payments less receipts) under the interest rate exchange agreements are recorded in the *Statements of Activities* in "swap interest and unrealized losses" are recorded in the *Statements of Activities* in "swap interest and unrealized losses" are recorded in the *Statements of Activities* in "swap interest and unrealized losses" are recorded in the *Statements of Activities* in "swap interest and unrealized losses" are recorded in the *Statements of Activities* in "swap interest and unrealized losses" are recorded in the *Statements of Activities* in "swap interest and unrealized losses" for the University and in "other operating expenses" for the Hospitals.

### STUDENT INCOME

Financial assistance in the form of scholarship and fellowship grants that cover a portion of tuition, living and other costs is reflected as a reduction of student income.

### PATIENT CARE AND OTHER SERVICES

### Health Care Services

The Hospitals derive a majority of patient care revenues from contractual agreements with Medicare, Medi-Cal and other third-party payers. Payments under these agreements and programs are based on a variety of payment models such as per diem, per discharge, per service, a fee schedule, cost reimbursement or negotiated rates. "Patient care, net" is reported in the *Statements of Activities* at the estimated net realizable amounts from patients, third-party payers, and others for services rendered, including estimated retroactive audit adjustments under reimbursement agreements with third-party payers. Retroactive adjustments are estimated and recorded in the period the related services are rendered and adjusted in future periods, as final settlements are determined. Contracts, laws and regulations governing the Medicare and Medi-Cal programs are complex and subject to interpretation. As a result, it is reasonably possible that recorded estimates may change by a material amount in the near term.

The University has entered into various operating agreements with the Hospitals for the professional services of faculty members from the SoM, telecommunications services and other services and facilities charges.

### Charity Care

The Hospitals provide care to patients who meet certain criteria under their charity care policies without charge or at amounts less than their established rates. The Hospitals do not record revenue for amounts determined to qualify as charity care.

The estimated cost of providing charity care was \$27.8 million and \$22.4 million for the years ended August 31, 2012 and 2011, respectively. This cost is estimated by calculating a ratio of total costs to gross patient service charges at established rates, and then multiplying that ratio by gross uncompensated patient service charges at established rates associated with providing care to charity patients.

The Hospitals did not receive any funding to subsidize the costs of providing charity care for the years ended August 31, 2012 and 2011. The Hospitals also provide services to other patients under Medicare, Medi-Cal and other publicly sponsored programs, which reimburse at amounts less than the cost of the services provided to the recipients. Estimated costs in excess of reimbursements for Medicare, Medi-Cal and other publicly sponsored programs for the years ended August 31, 2012 and 2011 were \$568.1 million and \$467.5 million, respectively.

### **Provider Fee**

The State of California enacted legislation in 2009 through 2012 which established a Hospital Quality Assurance Fee (QAF) Program and a Hospital Fee Program. These programs imposed a provider fee on certain California general acute care hospitals that, combined with federal matching funds, would be used to provide supplemental payments to certain hospitals and support the State's effort to maintain health care coverage for children. Certain rates under these programs are pending approval from the Centers for Medicare & Medicaid Services.

For the years ended August 31, 2012 and 2011, the Hospitals recorded \$76.5 million and \$47.8 million, respectively, in "other operating expenses" and recognized \$117.6 million and \$88.6 million, respectively, in "patient care, net" revenue under these programs.

### Electronic Health Records Program

The Hospitals are participating in the Medicare and Medicaid Electronic Health Records (EHR) Incentive Programs, which provide payments to eligible professionals, eligible hospitals and critical access hospitals as they adopt, implement, upgrade or demonstrate meaningful use of certified EHR technology. For the year ended August 31, 2012, the Hospitals recognized \$13.4 million of revenue under these programs in "special program fees and other income."

### **RECENT ACCOUNTING PRONOUNCEMENTS**

In December 2011, the Financial Accounting Standards Board (FASB) issued an update to the Accounting Standards Codification (ASC) which expanded the required disclosures about offsetting and related arrangements of an entity's financial assets and liabilities. The disclosures are intended to provide additional information to assist financial statements users in understanding the effect of those arrangements on the entity's financial position. This guidance is effective for annual periods beginning after January 1, 2013. The University and Hospitals are currently evaluating the impact that this guidance will have on its consolidated financial statement disclosures.

In July 2011, the FASB issued an update to the ASC to improve the transparency about a health care entity's net patient service revenue and the related allowance for doubtful accounts. The guidance requires the provision for bad debts related to patient service revenue to be presented as a deduction from patient service revenue. This guidance is effective for annual periods beginning after December 15, 2012. The Hospitals early adopted this guidance and recorded provision for bad debts of \$108.3 million in "patient care, net" in the "health care services" category for the year ended August 31, 2012. The Hospitals also applied this guidance retroactively and reclassified \$92.0 million of provision for bad debts from "other operating expenses" to "health care services" for the year ended August 31, 2011.

In May 2011, the FASB issued an update to the ASC to ensure a consistent definition of fair value, fair value measurements and disclosure requirements under both U.S. GAAP and International Financial Reporting Standards. This guidance is effective for annual periods beginning after December 15, 2011. Key provisions include (1) additional information about Level 3 fair value measurements, including quantitative information about unobservable inputs, a description of the valuation process used, and a description of the sensitivity of fair value measurement to changes in inputs; and (2) for public entities, disclosure of all transfers between investments classified in the Level 1 and Level 2 fair value hierarchy. The University and the Hospitals are currently evaluating the impact that this guidance will have on its consolidated financial statement disclosures.

In January 2010, the FASB issued an update to the ASC which expanded the required disclosures about fair value measurements. In particular, this guidance requires: (1) separate disclosure of the amounts of significant transfers in and out of Level 1 and Level 2 fair value hierarchy along with the reasons for such transfers; (2) information about purchases, sales, issuances and settlements to be presented separately in the reconciliation for Level 3 fair value hierarchy; (3) fair value measurements disclosures for each class of assets and liabilities; and (4) disclosures about the valuation techniques and inputs used to measure fair value for both recurring and nonrecurring fair value measurements that fall in either Level 2 or Level 3. The University and the Hospitals adopted this guidance for the year ended August 31, 2011 except for (2) which the University and the Hospitals adopted for the year ended August 31, 2012.

### 2. Accounts Receivable

Accounts receivable, net of bad debt allowances, at August 31, 2012 and 2011, in thousands of dollars, are as follows:

		2012		2011
	UNIVERSITY	HOSPITALS	CONSOLIDATED	CONSOLIDATED
U.S. government	\$ 72,194	\$-	\$ 72,194	\$ 66,173
Non-federal sponsors and programs	27,883	159,884	187,767	28,614
Pending trades of securities	241,458	-	241,458	109,793
Accrued interest on investments	7,255	-	7,255	7,645
Student	6,984	-	6,984	9,582
Patient and third-party payers	-	586,828	586,828	520,295
Other	34,917	36,325	71,242	54,645
	390,691	783,037	1,173,728	796,747
Less bad debt allowances	(2,173)	(101,010)	(103,183)	(93,738)
ACCOUNTS RECEIVABLE, NET	\$ 388,518	\$ 682,027	\$ 1,070,545	\$ 703,009

### 3. Pledges Receivable

Pledges are recorded at applicable risk-adjusted discount rates, ranging from 1.1% to 6.0% for the University and from 1.1% to 5.8% for the Hospitals, commensurate with the duration of the donor's payment plan. At August 31, 2012 and 2011, pledges receivable, net of discounts and allowances, in thousands of dollars, are as follows:

				2011				
	UN	UNIVERSITY		OSPITALS	COI	NSOLIDATED	CON	NSOLIDATED
One year or less	\$	136,158	\$	57,795	\$	193,953	\$	166,586
Between one year and five years		700,403		231,007		931,410		758,111
More than five years		84,283		109,351		193,634		199,847
		920,844		398,153		1,318,997		1,124,544
Less discounts and allowances		(213,466)		(37,277)		(250,743)		(229,850)
PLEDGES RECEIVABLE, NET	\$	707,378	\$	360,876	\$	1,068,254	\$	894,694

Conditional pledges for the University, which depend on the occurrence of a specified future and uncertain event, were \$10.7 million and \$12.9 million at August 31, 2012 and 2011, respectively. The Hospitals had conditional pledges of \$136.6 million and \$126.7 million at August 31, 2012 and 2011, respectively. Lucile Packard Foundation for Children's Health is the primary community fundraising agent for LPCH and the pediatric faculty and programs at the University's SoM.

### 4. Loans Receivable

The University's loans receivable consist primarily of student loans receivable and faculty and staff mortgages. Management regularly assesses the adequacy of the allowance for credit losses of its loans by performing ongoing evaluations, including such factors as the differing economic risks associated with each loan category, the financial condition of specific borrowers, the economic environment in which the borrowers operate, the level of delinquent loans and the value of any collateral.

### STUDENT LOANS RECEIVABLE

Student loans receivable consist of institutional and federally-sponsored loans due from both current and former students. Student loans and allowance for student loan losses at August 31, 2012 and 2011, in thousands of dollars, are as follows:

	2012	2011
Institutional loans	\$ 19,350	\$ 18,082
Federally-sponsored loans	57,935	58,580
	77,285	76,662
Less allowance for student loan losses	(586)	(940)
STUDENT LOANS RECEIVABLE, NET	\$ 76,699	\$ 75,722

Institutional loans are funded by donor funds restricted for student loan purposes and University funds made available to meet demonstrated need in excess of all other sources of student loan borrowings.

Federally-sponsored loans are funded primarily by advances to the University primarily under the Federal Perkins Loan Program (the "Program"). Loans to students under the Program are subject to mandatory interest rates and significant restrictions, and loans issued under the Program can be assigned to the federal government in certain non-repayment situations. In these situations, the federal portion of the loan balance is guaranteed.

Amounts received under the Program are ultimately refundable to the federal government in the event the University no longer participates in the Program, and accordingly, have been reported as an obligation in the *Statements of Financial Position* as "U.S. government refundable loan funds".

### FACULTY AND STAFF MORTGAGES

In a program to attract and retain excellent faculty and senior staff, the University provides home mortgage financing assistance, primarily in the form of subordinated loans. Notes receivable amounting to \$456.6 million and \$462.5 million at August 31, 2012 and 2011, respectively, from University faculty and staff are included in "faculty and staff mortgages and other loans receivable, net" in the *Statements of Financial Position*. These loans and mortgages are collateralized by deeds of trust on properties concentrated in the region surrounding the University.

### 5. Investments

Investments held by the University and the Hospitals are measured and recorded at fair value. The valuation methodology, investment categories, fair value hierarchy, certain investment activities and related commitments for fiscal years 2012 and 2011 are discussed below.

Investments held by the University and the Hospitals at August 31, 2012 and 2011, in thousands of dollars, are as follows:

				2012				2011
	UN	UNIVERSITY		HOSPITALS		CONSOLIDATED		NSOLIDATED
Cash and cash equivalents	\$	993,908	\$	41,295	\$	1,035,203	\$	425,251
Collateral held for securities loaned		106,581		-		106,581		142,963
Public equities		4,580,668		115,096		4,695,764		4,557,962
Derivatives		(12,999)		-		(12,999)		(13,834)
Fixed income		916,857		-		916,857		756,822
Real estate		4,988,534		-		4,988,534		4,500,588
Natural resources		1,688,315		-		1,688,315		1,683,569
Private equities		5,196,771		-		5,196,771		5,319,813
Absolute return		5,157,640		-		5,157,640		5,253,470
Assets held by other trustees		154,462		13,604		168,066		177,016
Other		204,952		-		204,952		181,577
	2	23,975,689		169,995		24,145,684		22,985,197
Hospital funds invested in the University's Merged Pool	(	(1,728,989)		1,728,989		-		-
INVESTMENTS AT FAIR VALUE	\$ 2	2,246,700	\$ ·	1,898,984	\$	24,145,684	\$	22,985,197

### VALUATION METHODOLOGY

To the extent available, the University's investments are recorded at fair value based on quoted prices in active markets. The University's investments that are listed on any U.S. or non-U.S. recognized exchanges are valued based on readily available market quotations. When such inputs do not exist, fair value measurements are based on the best available information and usually require a degree of judgment. For alternative investments, which are principally limited partnership investments in private equity, real estate, natural resources and hedge funds, the value is primarily based on the Net Asset Value (NAV) of the underlying investments. The NAV is reported by the external investment managers, including general partners, in accordance with their policies as described in their respective financial statements and offering memoranda. The most recent NAV reported is adjusted for capital calls, distributions and significant known valuation changes, if any, of its related portfolio through August 31, 2012 and 2011, respectively. These investments are generally less liquid than other investments, and the value reported may differ from the values that would have been reported had a ready market for these investments existed.

The University exercises due diligence in assessing the policies, procedures, and controls implemented by its external investment managers and believes the University's proportionate share of the carrying amount of these alternative investments is a reasonable estimate of fair value. Such due diligence procedures include, but are not limited to, ongoing communication, on-site visits, and review of information from the external investment managers as well as review of performance. In conjunction with these procedures, estimated fair value is determined by consideration of a wide range of factors, including market conditions, redemption terms and restrictions, and risks inherent in the inputs of the external investment managers' valuation.

For alternative investments which are direct investments, the University considers various factors to estimate fair value, such as the timing of the transaction, the market in which the company operates, comparable transactions, company performance and projections as well as discounted cash flow analysis. The selection of an appropriate valuation technique may be affected by the availability and general reliability of relevant inputs. In some cases, one valuation technique may provide the best indication of fair value while in other circumstances, multiple valuation techniques may be appropriate. Furthermore, the University may review the investment's underlying portfolio as well as engage external appraisers, depending on the nature of the investment.

### **INVESTMENT CATEGORIES**

Investments are categorized by asset class and valued as described below:

**Cash and cash equivalents** categorized as investments include money market funds, overnight receivables on repurchase agreements and restricted cash. Overnight receivables on repurchase agreements are valued based on cost, which approximates fair value. Money market funds are valued based on reported unit values. Restricted cash includes collateral provided to or received from counterparties related to investment-related derivative contracts (see *Note 7*).

**Collateral held for securities loaned** originates in the form of cash and cash equivalents and is reinvested for income in cash equivalent vehicles. These investments are recorded at cost, which approximates fair value (see *Note 9*).

**Public equities** are investments valued based on quoted market prices on the last trading date on or before the balance sheet date of the principal market (and exchange rates, if applicable). They include investments that are directly held as well as commingled funds which invest in publicly traded equities. These investments are reported on a trade-date basis. The fair values of public equities held through alternative investments are calculated by the respective external investment managers as described under *Valuation Methodology* above.

**Derivatives** are used by the University to manage its exposure to certain risks relating to ongoing business and investment operations. Derivatives such as forward currency contracts, options, interest rate swaps and credit default swaps (CDS) are valued using models based on market verifiable inputs, or by using independent broker quotes.

**Fixed income** investments are valued by independent pricing sources, broker dealers or pricing models that factor in, where applicable, recently executed transactions, interest rates, bond or credit default spreads and volatility. They include investments that are actively traded fixed income securities or mutual funds.

**Real estate** represents directly owned real estate and other real estate interests held through limited partnerships. The fair value of real estate directly owned by the University, including the Stanford Shopping Center and the Stanford Research Park, is based primarily on discounted cash flows, using estimates from the asset manager or external investment managers, corroborated by appraisals and market data, if available. The fair value of real estate held through limited partnerships is based on NAV as reported by the external investment managers and is adjusted as described under *Valuation Methodology* above.

**Natural resources** are mostly held in commodity and energy related investments, which are valued on the basis of a combination of models, including appraisals, discounted cash flows and commodity price factors. The fair value of these types of alternative investments is based on NAV as reported by the external investment managers and is adjusted as described under *Valuation Methodology* above.

**Private equities** are investments that participate primarily in venture capital and leveraged buyout strategies. Distributions from these investments are received through liquidation of the underlying asset. The fair value of these types of alternative investments is based on the NAV reported by the external investment managers and is adjusted as described under *Valuation Methodology* above.

**Absolute return** investments are typically commingled funds that employ multiple strategies to produce positive returns, regardless of the direction of the financial markets. The fair value of these types of alternative investments is valued based on NAV as reported by the external investment managers and is adjusted as described under *Valuation Methodology* above.

Assets held by other trustees generally represent the University's and the Hospitals' residual interest in split interest agreements where the University or the Hospitals are not the trustee. The residual (or beneficial) interest represents the present value of the future distributions expected to be received over the term of the agreement, which approximates fair value, and the assets are based on estimates provided by trustees.

### FAIR VALUE HIERARCHY

U.S. GAAP defines fair value as the price received upon sale of an asset or paid upon transfer of a liability in an orderly transaction between market participants. Current guidance establishes a hierarchy of valuation inputs based on the extent to which the inputs are observable in the marketplace. Inputs are used in applying the various valuation techniques and take into account the assumptions that market participants use to make valuation decisions. Inputs may include price information, credit data, liquidity statistics, and other factors specific to the financial instrument. Observable inputs reflect market data obtained from independent sources. In contrast, unobservable inputs reflect the entity's assumptions about how market participants would value the financial instrument. Valuation techniques used under U.S. GAAP must maximize the use of observable inputs to the extent available.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The following describes the hierarchy of inputs used to measure fair value and the primary valuation methodologies used for financial instruments measured at fair value on a recurring basis:

**Level 1** – Investments whose values are based on quoted market prices in active markets for identical assets or liabilities are classified as Level 1. Level 1 investments include active listed equities and certain short term fixed income securities. Such investments are valued based upon the closing price quoted on the last trading date on or before the reporting date on the principal market, without adjustment.

Exchange-traded derivatives such as options, futures contracts and warrants using observable inputs such as the last reportable sale price or the most recent bid price are typically classified as Level 1 (see *Note 7*).

**Level 2** – Investments that trade in markets that are not actively traded, but are valued based on quoted market prices, dealer quotations, or alternative pricing sources for similar assets or liabilities are classified as Level 2. These investments include certain United States government and sovereign obligations, government agency obligations, investment grade corporate bonds and certain limited marketability securities.

Privately negotiated over-the-counter (OTC) derivatives such as forward currency contracts, CDS, total return swaps, and interest rate swaps are typically classified as Level 2 (see *Note 7*). In instances where quotations received from counterparties or valuation models are used, the value of an OTC derivative depends upon the contractual terms of the instrument as well as the availability and reliability of

observable inputs. Such inputs include market prices for reference securities, yield curves, and credit curves.

**Level 3** – Investments classified as Level 3 have significant unobservable inputs, as they trade infrequently or not at all. The inputs into the determination of fair value of these investments are based upon the best information in the circumstance and may require significant management judgment. These investments primarily consist of the University's alternative investments and are classified as Level 3 as the inputs are not observable. Certain alternative investments may be reclassified to Level 2 when the University has the ability to redeem them at NAV in the near term without significant restrictions on redemption.

The following tables summarize the University's and the Hospitals' investments and other assets within the fair value hierarchy and asset categories at August 31, 2012 and 2011, in thousands of dollars:

		AS OF					
	AUG	GUST 31, 2012	LEVEL 1		LEVEL 2		EVEL 3
UNIVERSITY*							
Cash and cash equivalents	\$	993,908	\$ 898,162	\$	95,746	\$	-
Collateral held for securities loaned		106,581	-		106,581		-
Public equities		4,580,668	2,209,678		265,186	2	,105,804
Derivatives		(12,999)	23		(13,022)		-
Fixed income		916,857	325,271		591,586		-
Real estate		4,988,534	-		-	4	,988,534
Natural resources		1,688,315	281,334		-	1	,406,981
Private equities		5,196,771	33,617		-	5	,163,154
Absolute return		5,157,640	156,269		1,790,422	3	,210,949
Assets held by other trustees		154,462	-		-		154,462
Other		204,952	4		903		204,045
TOTAL		23,975,689	3,904,358	2	2,837,402	17	,233,929
HOSPITALS							
Cash and cash equivalents		41,295	37,141		4,154		-
Public equities		115,096	66,907		48,189		-
Assets held by other trustees		13,604	-		-		13,604
TOTAL		169,995	104,048		52,343		13,604

### CONSOLIDATED TOTAL \$ 24,145,684 \$ 4,008,406 \$ 2,889,745 \$ 17,247,533

\* Amounts include the Hospitals' cross investment in the University's investment pools of \$1.7 billion.

CONSOLIDATED TOTAL	\$	22,985,197	\$ 2,948,763	\$ 3,198,914	\$16,837,520
TOTAL		201,550	137,368	50,210	13,972
Assets held by other trustees		13,972	-	-	13,972
Public equities		111,561	65,262	46,299	-
Cash and cash equivalents		76,017	72,106	3,911	-
HOSPITALS					
TOTAL		22,783,647	2,811,395	3,148,704	16,823,548
Other		181,577	122	680	180,775
Assets held by other trustees		163,044	-	-	163,044
Absolute return		5,253,470	-	1,863,197	3,390,273
Private equities		5,319,813	15,371	-	5,304,442
Natural resources		1,683,569	217,980	-	1,465,589
Real estate		4,500,588	-	-	4,500,588
Fixed income		756,822	114,427	642,395	-
Derivatives		(13,834)	4,534	(18,368)	-
Public equities		4,446,401	2,048,108	579,456	1,818,837
Collateral held for securities loaned		142,963	86,178	56,785	-
Cash and cash equivalents	\$	349,234	\$ 324,675	\$ 24,559	\$-
UNIVERSITY*					
	AU	GUST 31, 2011	LEVEL 1	LEVEL 2	LEVEL 3
		AS OF			

\* Amounts include the Hospitals' cross investment in the University's investment pools of \$1.6 billion.

The University manages the majority of the Hospitals' investments, including the Hospitals' investment in the Merged Pool (MP), with a combined fair value of \$1.7 billion and \$1.6 billion at August 31, 2012 and 2011, respectively.

### SUMMARY OF LEVEL 3 INVESTMENT ACTIVITIES AND TRANSFERS

The following tables present the activities for Level 3 investments for the years ended August 31, 2012 and 2011, in thousands of dollars:

Assets held by other trustees TOTAL	13,628 <b>13,628</b>		-	344 <b>344</b>	-	13,972 <b>13,972</b>	
Assets held by other trustees	13,628	-	-	344	-	13,972	
HOSPITALS				244		12 072	
TOTAL	13,607,237	2,254,720	(1,844,023)	2,902,143	(96,529)	16,823,548	
Other	150,335	37,184	(19,749)	28,275	(15,270)	180,775	
Assets held by other trustees	152,744	718	(5,649)	15,231	-	163,044	
Absolute return	3,398,011	288,390	(578,744)	370,832	(88,216)	3,390,273	
Private equities	3,860,044	847,287	(646,726)	1,243,837	-	5,304,442	
Natural resources	1,283,095	180,044	(199,704)	207,290	(5,136)	1,465,589	
Real estate	3,402,206	406,211	(173,901)	856,250	9,822	4,500,588	
Public equities	\$ 1,360,802	\$ 494,886	\$ (219,550)	\$ 180,428	\$ 2,271	\$ 1,818,837	
UNIVERSITY	2010	T UNUTRAJES	WIAT UNTILS	UNING	114 (001)	2011	
(LEVEL 3)	2010	PURCHASES	MATURITIES	GAINS	IN (OUT)	2011	
UNOBSERVABLE INPUTS	SEPTEMBER 1,		SALES AND		TRANSFERS	AUGUST 31,	
MEASUREMENTS USING SIGNIFICANT	BEGINNING BALANCE AS OF			NET REALIZED AND		ENDING BALANCE AS OF	
FAIR VALUE	DECUNING						
CONSOLIDATED TOTAL	\$ 16,837,520	\$ 1,808,403	\$ (2,361,123)	\$ 699,108	\$ 263,625	\$ 17,247,533	
TOTAL	13,972	-	-	(368)	-	13,604	
HOSPITALS Assets held by other trustees	13,972			(368)		13,604	
TOTAL	16,823,548	1,808,403	(2,361,123)	699,476	263,625	17,233,929	
Other	180,775	24,156	(10,283)	9,397	-	204,045	
Assets held by other trustees	163,044	61,238	(61,798)	(8,022)	-	154,462	
Absolute return	3,390,273	263,678	(611,871)	(7,156)	176,025	3,210,949	
Private equities	5,304,442	694,159	(885,894)	50,447	-	5,163,154	
Natural resources	1,465,589	164,985	(189,785)	(29,685)	(4,123)	1,406,981	
Real estate	4,500,588	455,238	(404,832)	437,540	-	4,988,534	
Public equities	\$ 1.818.837	\$ 144,949	\$ (196,660)	\$ 246,955	\$ 91,723	\$ 2,105,804	
UNIVERSITY	2011	FUNCTIASES	WATURITLS	(103313)	IN (001)	2012	
UNOBSERVABLE INPUTS (LEVEL 3)	SEPTEMBER 1, 2011	PURCHASES	SALES AND MATURITIES	GAINS (LOSSES)	I RANSFERS IN (OUT)	AUGUST 31, 2012	
	CEDTEMPED 1						
SIGNIFICANT	BALANCE AS OF			UNREALIZED			
MEASUREMENTS USING SIGNIFICANT	BEGINNING BALANCE AS OF			AND UNREALIZED		ENDING BALANCE AS OF	

Net realized and unrealized gains (losses) in the tables above are included in the *Statements of Activities* primarily as "increase (decrease) in reinvested gains" by level of restriction. For the years ended August 31, 2012 and 2011, the change in unrealized gains (losses) for Level 3 investments still held at August 31, 2012 and 2011 was \$436.7 million and \$2.5 billion, respectively.

Transfers in (out) include investments which have been reclassified to Level 2 as the University has the ability to redeem these at NAV in the near term. Transfers in (out) also include situations where observable inputs have changed, such as when Level 3 investments make distributions from an underlying asset with a fair value based on quoted market prices. All transfer amounts are based on the fair value at the beginning of the fiscal year. There were no transfers between Level 1 and Level 2 during the years ended August 31, 2012 and 2011.

### **INVESTMENT-RELATED COMMITMENTS**

The University is obligated under some alternative investment agreements to advance additional funding up to specified levels over a period of several years. The following table presents significant terms of such agreements solely related to the alternative investments measured at fair value based on NAV at August 31, 2012, in thousands of dollars:

TOTAL	\$ 15,225,494	\$	3,745,017		
Absolute return	4,942,334		378,615	0 to 7	Generally, lock-up provisions ranging from 0 to 6 years. After initial lock up expires, redemptions are available on a rolling basis and require 2 to 180 days prior notification.
Private equities	5,162,766		1,883,023	0 to 16	Not eligible for redemption
Natural resources	894,688		472,322	0 to 15	Not eligible for redemption
Real estate	1,854,770		945,514	0 to 13	Not eligible for redemption
Public equities	\$ 2,370,936	\$	65,543	0 to 5	Generally, lock-up provisions ranging from 0 to 6 years. After initial lock up expires, redemptions are available on a rolling basis and require 3 to 180 days prior notification.
ASSET CLASS	FAIR VALUE	-	JNFUNDED MMITMENT	REMAINING LIFE (YEARS)	REDEMPTION TERMS AND RESTRICTIONS

At August 31, 2012, the aggregate amount of unfunded commitments was \$3.9 billion. This amount includes both the unfunded commitments in the table above and other alternative investments where the fair values were not based on NAV.

#### **INVESTMENT RETURNS**

Total investment returns for the years ended August 31, 2012 and 2011, in thousands of dollars, are as follows:

		2012						2011		
	UNIVERSITY HOSPITALS CONSOLIDAT		NSOLIDATED	CONSOLIDATED						
Investment income	\$	277,208	\$	13,782	\$	290,990	\$	229,949		
Net realized and unrealized gains		974,508		47,778		1,022,286		3,453,911		
TOTAL INVESTMENT RETURN	\$	1,251,716	\$	61,560	\$	1,313,276	\$	3,683,860		

Investment returns are net of investment management expenses, including both external management fees and internal University investment-related salaries, benefits and operating expenses, and the portion of interest expense and amortization related to the April 2009 bond issuance held for liquidity purposes (see *Note 10*).

### FUTURE MINIMUM RENTAL INCOME

As part of its investment portfolio, the University holds certain investment properties that it leases to third parties. Future minimum rental income due from the Stanford Shopping Center, the Stanford Research Park and other properties under non-cancelable leases in effect with tenants at August 31, 2012, in thousands of dollars, is as follows:

YEAR ENDING AUGUST 31	 re minimum Al income
2013	\$ 91,615
2014	92,204
2015	88,445
2016	81,404
2017	75,700
Thereafter	1,740,970
TOTAL	\$ 2,170,338

### 6. Investment Pools

The University's investments are held in various investment pools or in specific investments to comply with donor requirements as indicated in the following table, at August 31, 2012 and 2011, in thousands of dollars:

	2012	2011
UNIVERSITY		
Merged Pool	\$ 20,253,370	\$ 19,547,086
Expendable Funds Pool	3,004,565	2,648,621
Endowment Income Funds Pool	368,868	355,917
Other Investment Pools	394,407	392,285
Specific Investments	3,327,430	2,843,907
	27,348,640	25,787,816
Less:		
Amounts included in "cash and cash equivalents" in		
the Statements of Financial Position	(698,433)	(639,020)
Funds cross-invested in investment pools	(2,670,364)	(2,361,238)
Hospital funds invested in the University's investment pools	(1,733,143)	(1,598,071)
TOTAL	22,246,700	21,189,487
HOSPITALS		
Investments	1,898,984	1,795,710
TOTAL	1,898,984	1,795,710
CONSOLIDATED TOTAL	\$ 24,145,684	\$ 22,985,197

The MP is the primary investment pool in which endowment (see *Note 12*) and other long-term funds are invested. The MP is invested with the objective of optimizing long-term total return while maintaining an appropriate level of risk for the University. It is a unitized investment pool in which the fund holders purchase investments and withdraw funds based on a monthly share value.

The Expendable Funds Pool (EFP) and Endowment Income Funds Pool (EIFP) are the principal investment vehicles for the University's expendable funds. A substantial portion of the EFP is cross-invested in the MP; the remainder is included in "cash and cash equivalents" in the *Statements of Financial Position*. The EIFP holds income previously distributed to holders of permanently restricted endowment funds that has not yet been expended. The EIFP is invested in highly liquid instruments and is included in the *Statements of Financial Position* as "cash and cash equivalents".

The Board has established a policy for the distribution of the investment returns of the EFP. The difference between the actual return of this investment pool and the approved payout is deposited in, or withdrawn from, funds functioning as endowment (FFE) (see *Note 12*). For the years ended August 31, 2012 and 2011, the results of the EFP, in thousands of dollars, are as follows:

		2012	2011
Total investment return of the EFP	\$	85,052	\$ 399,210
Less distributions to fund holders and operations		(95,483)	(83,199)
AMOUNTS ADDED TO (WITHDRAWN FROM) FFE	\$ (	10,431)	\$ 316,011

### 7. Derivatives

The University utilizes various strategies to reduce investment and credit risks, to serve as a temporary surrogate for investment in stocks and bonds, to manage interest rate exposure on the University's debt, and/or to manage specific exposure to foreign currencies. Futures, options and other derivative instruments are used to adjust elements of investment exposures to various securities, sectors, markets and currencies without actually taking a position in the underlying asset or basket of assets. Interest rate swaps are used to manage interest rate risk. With respect to foreign currencies, the University utilizes forward contracts and foreign currency options to manage exchange rate risk.

Foreign currency forward contracts, interest rate swaps, securities lending, and repurchase agreements entail counterparty credit risk. The University seeks to control this risk by entering into transactions with quality counterparties, by establishing and monitoring credit limits and by requiring collateral in certain situations.

### INVESTMENT-RELATED DERIVATIVES

The following table presents amounts for investment-related derivatives, including the notional amount, the fair values at August 31, 2012 and 2011, and gains and losses for the years ended August 31, 2012 and 2011, in thousands of dollars:

TOTAL	\$	1,726,198	\$	7,807	\$	20,806	\$	(12,628)		
Credit contracts		191,996		2,507		605		(6,860)		
Equity contracts		112,677		4,799		20		(14,329)		
Foreign exchange contracts		271,698		261		10,122		9,230		
Interest-rate contracts	\$	1,149,827	\$	240	\$	10,059	\$	(669)		
	AMOUNT <sup>1</sup>		AMOUNT <sup>1</sup>		AMOUNT <sup>1</sup>		ASSETS <sup>2</sup> LIABILITIES <sup>2</sup>		(	(LOSSES) <sup>3</sup>
	ſ	NOTIONAL	DER	IVATIVE	DEI	RIVATIVE	UNRE	UNREALIZED GAINS		
			G	ROSS	(	GROSS	RE	ALIZED AND		
		AS	OF AU	GUST 31, 2	012		AUG	UST 31, 2012		
							Y	ear ended		

TOTAL	\$ ·	1,390,766	\$	6,193	\$	20,027	\$	(18,680)				
Credit contracts		70,692		312		849		584				
Equity contracts		95,978		4,488		-		176				
Foreign exchange contracts		346,315		931		13,208		(17,926)				
Interest-rate contracts	\$	877,781	\$	462	\$	5,970	\$	(1,514)				
	AMOUNT <sup>1</sup>		ASSETS <sup>2</sup>		T <sup>1</sup> ASSETS <sup>2</sup>		LIABILITIES <sup>2</sup>		LIABILITIES <sup>2</sup>		(	LOSSES) <sup>3</sup>
	N	NOTIONAL		IVATIVE	DEF	RIVATIVE	UNREALIZED GAINS					
		GROSS			(	GROSS	REALIZED AND					
		AS		AUGUST 31, 2011								
							ΥI	EAR ENDED				

<sup>1</sup> The notional amount is representative of the volume and activity of the respective derivative type during the years ended August 31, 2012 and 2011.

 $^2\,$  Gross derivative assets less gross derivative liabilities are presented as "derivatives" on the investment table in Note 5.

<sup>3</sup> Gains (losses) on derivatives are included in the Statements of Activities as "increase in reinvested gains" in "non-operating activities".

### **Credit Default Swaps**

The University's derivative activities include both the purchase and sale of CDS which are included in credit contracts in the previous table. CDS are contracts under which counterparties are provided protection against the risk of default on a set of debt obligations issued by specific companies (or group of companies combined in an index). The buyer of the CDS will make payment to the seller and in return receive payment if the underlying instrument goes into default or is triggered by some other credit event. The University's CDS transactions include both single name entities as well as index CDS. Under the index CDS, the credit events that would trigger settlement of the CDS and require the University to remit payment are generally bankruptcy and failure to pay.

The tables below summarize certain information regarding protection sold through CDS at August 31, 2012 and 2011, in thousands of dollars:

	(	FAIR VALUE ASSET/					
CREDIT RATINGS OF THE REFERENCE OBLIGATION <sup>2</sup>	LES	S THAN 3	OVER 3		TOTAL		ABILITY)
2012							
Single name credit default swaps:							
A- to AA+	\$	8,787	\$	13,800	\$ 22,587	\$	203
BBB- to BBB+		2,100		2,575	4,675		(257)
Total single name credit default swaps		10,887		16,375	27,262		(54)
Index credit default swaps <sup>3</sup>		-		500	500		(11)
TOTAL CREDIT DEFAULT SWAPS SOLD	\$	10,887	\$	16,875	\$ 27,762	\$	(65)
2011							
Single name credit default swaps:							
A- to AA+	\$	12,783	\$	16,400	\$ 29,183	\$	67
BBB- to BBB+		3,636		2,300	5,936		(444)
Total single name credit default swaps		16,419		18,700	35,119		(377)
TOTAL CREDIT DEFAULT SWAPS SOLD	\$	16,419	\$	18,700	\$ 35,119	\$	(377)

<sup>1</sup> The notional amount is representative of the volume and activity of the respective derivative type during the years ended August 31, 2012 and 2011.

<sup>2</sup> The credit rating is according to Standard & Poor's and represents the current performance risk of the swap.

<sup>3</sup> Index credit default swaps are linked to a basket of credit derivatives that include entities that have a Standard & Poor's rating of BBB- or higher.

### **DEBT-RELATED DERIVATIVES**

The University and SHC use interest rate exchange agreements to manage the interest rate exposure of their debt portfolios. Under the terms of the current agreements, the entities pay a fixed interest rate, determined at inception, and receive a variable rate on the underlying notional principal amount. Generally, the exchange agreements require mutual posting of collateral by the University and SHC and the counterparties if the termination values exceed a predetermined threshold dollar amount.

At August 31, 2012, the University had interest rate exchange agreements related to \$130.0 million of the outstanding balance of the CEFA Series S bonds in variable rate mode (see *Note 10*). The agreements, which have an interest rate of 3.69%, expire November 1, 2039. The notional amount and the fair value of the exchange agreements are included in the table below. Collateral posted with various counterparties was \$37.5 million and \$25.0 million at August 31, 2012 and 2011, respectively, and is included in the *Statements of Financial Position*. In addition, the University issued an irrevocable standby letter of credit of \$15.0 million to support collateral requirements at August 31, 2012 (see *Note 10*).

At August 31, 2012, SHC had interest rate exchange agreements expiring through November 2045 (see *Note 11*). The agreements pay fixed interest rates to the counterparties varying from 3.37% to 4.08% in exchange for variable rate payments from the counterparties based on a percentage of the One Month London Interbank Offered Rate (LIBOR). The notional amount and the fair value of the exchange agreements are included in the table below. The amount of collateral required to be posted with counterparties was \$27.5 million and \$7.1 million at August 31, 2012 and 2011, respectively, and was met by the posting of a standby letter of credit in the aggregate amount of \$30.0 million and \$20.0 million at August 31, 2012 and 2011, respectively, which may only be drawn upon in the event of a default by SHC. In July 2012, SHC terminated certain interest rate exchange agreements and recognized a loss of \$1.3 million in "non-operating activities" in the *Statements of Activities*.

The following table presents amounts for debt-related derivatives including the notional amount, the fair values at August 31, 2012 and 2011, and gains and losses for the years ended August 31, 2012 and 2011, in thousands of dollars:

	A	YEAR ENDED AUGUST 31, 5 OF AUGUST 31, 2012AS OF AUGUST 31, 2011				, 2011	AUG	YEAR ENDED AUGUST 31, 2011			
		IT IONAL	DE	GROSS RIVATIVE ABILITIES <sup>2</sup>	UN	ALIZED AND IREALIZED	 OT IONAL		GROSS ERIVATIVE ABILITIES <sup>2</sup>	/ UNRE	ALIZED AND EALIZED AINS <sup>3</sup>
Debt-related interest-rate contracts: University Hospitals	\$	130,000 747,150	\$	56,247 236,183	\$	(17,279) (69,805)	\$ 130,000 749,400	\$	38,968 165,693	\$	3,645 672
TOTAL	\$	877,150	\$	292,430	\$	(87,084)	\$ 879,400	\$	204,661	\$	4,317

<sup>1</sup> The notional amount is representative of the volume and activity of the respective derivative type during the years ended August 31, 2012 and 2011.

<sup>2</sup> Fair value is measured using Level 2 inputs as defined in Note 5. Amounts are included in the Statements of Financial Position in "accounts payable and accrued expenses" and discussed more fully in Notes 10 and 11.

<sup>3</sup> Gains (losses) on derivatives are included in the Statements of Activities as "increase in reinvested gains" in "non-operating activities".

### 8. Plant Facilities

Plant facilities, net of accumulated depreciation, at August 31, 2012 and 2011, in thousands of dollars, are as follows:

		2012		2011		
	UNIVERS	ITY HOSPITALS	CONSC	DLIDATED	CO	NSOLIDATED
Land and improvements	\$ 498	,741 \$ 93,66	7 \$	592,408	\$	555,153
Buildings and building improvements	4,360	,595 1,195,03	3 5	,555,633		5,446,557
Furniture, fixtures and equipment	1,733	,009 860,63	3 2	,593,647		2,523,924
Construction in progress	345	,062 514,23	9	859,301		482,726
	6,937	,407 2,663,58	2 9	,600,989		9,008,360
Less accumulated depreciation	(3,111	,020) (1,169,52	4) (4	,280,544)		(4,001,253)
PLANT FACILITIES, NET OF						
ACCUMULATED DEPRECIATION	\$ 3,826,	,387 \$ 1,494,05	8 \$ 5,	320,445	\$	5,007,107

At August 31, 2012, \$1.2 billion and \$671.3 million of fully depreciated plant facilities were still in use by the University and the Hospitals, respectively.

### 9. Liabilities Under Security Lending Agreements

The University receives short-term U.S. government obligations or cash and cash equivalents as collateral deposits for certain securities loaned temporarily to brokers. It is the University's policy to require receipt of collateral on securities lending contracts and repurchase agreements equal to a minimum of 102% of the fair market value of the security loaned. In addition, the University is party to certain forward sale and purchase agreements. At August 31, 2012 and 2011, these amounts, in thousands of dollars, are as follows:

		2012		2011	
Collateral deposits for certain securities loaned temporarily	<b>•</b>	10/ 501	<b>•</b>	140.040	
to brokers <sup>1, 2</sup>	\$	106,581	\$	142,963	
Forward sale and purchase agreements <sup>1</sup>		34,618		39,064	
LIABILITIES UNDER SECURITY					
LENDING AGREEMENTS	\$	141,199	\$	182,027	

<sup>1</sup> The corresponding investments are included as "investments" in the Statements of Financial Position (see Note 5).

<sup>2</sup> The estimated fair value of securities loaned to brokers at August 31, 2012 and 2011 was \$97.8 million and \$125.0 million, respectively.

### 10. University Notes and Bonds Payable

Notes and bonds payable for the University at August 31, 2012 and 2011, in thousands of dollars, are as follows:

	YEAR OF EFFECTIVE INTEREST RATE		OUTSTANDING		S PRINCIPAL		
	MATURITY	2012/2011		2012		2011	
Tax-exempt:							
CEFA Fixed Rate Revenue Bonds:							
Series O	2031	5.13%	\$	-	\$	89,555	
Series P	2013	5.25%		51,260		51,260	
Series Q	2032	5.25%		-		101,860	
Series R	2011-2021	4.00% - 5.00%		-		111,585	
Series T	2014-2039	4.00% - 5.00%		361,310		361,310	
Series U	2032-2040	5.00% - 5.25%		293,135		215,375	
CEFA Variable Rate Revenue Bonds an	d Notes:						
Series L	2014-2022	0.13%/0.12%		83,818		83,818	
Series S	2039-2050	0.19%-0.22%/0.22%-0.36%*		181,200		181,200	
Commercial Paper	2012	0.16%/0.10%		92,682		92,682	
Taxable:							
Fixed Rate Notes and Bonds:							
Stanford University Bonds	2024	6.88%		150,000		150,000	
Medium Term Note	2026	7.65%		50,000		50,000	
Stanford University Series 2009A	2014-2019	3.63% - 4.75%		1,000,000		1,000,000	
Stanford University Series 2012A	2042	4.01%		143,235		-	
Other	2013-2015	Various		68,291		67,799	
Variable Rate Notes:							
Commercial Paper	2012	0.21%/0.17%*		157,000		108,976	
University notes and bonds payable				2,631,931		2,665,420	
Unamortized original issue premiums/	discounts, net			76,775		61,187	
TOTAL			\$	2,708,706	\$	2,726,607	

\*Exclusive of interest rate exchange agreements (see Note 7).

At August 31, 2012 and 2011, the fair value of these debt instruments was approximately \$3.1 billion and \$3.0 billion, respectively.

The University borrows at tax-exempt rates through the California Educational Facilities Authority (CEFA). CEFA debt is a general unsecured obligation of the University. Although CEFA is the issuer, the University is responsible for the repayment of the tax-exempt debt. The University's long-term ratings of AAA/Aaa/AAA were affirmed in March 2012 by Standard and Poor's, Moody's Investors Service and Fitch Ratings, respectively.

In April 2012, CEFA Series U-2 bonds were issued in the amount of \$77.8 million plus an original issue premium of \$21.4 million. The bonds bear interest at a rate of 5.00% and mature on October 1, 2032. Proceeds were used (1) to refinance commercial paper notes which were issued to redeem CEFA Series Q bonds in February 2012; and (2) to pay bond issuance costs.

In April 2012, the University issued taxable fixed rate Series 2012A bonds in the amount of \$143.2 million. The bonds bear interest at a rate of 4.01% and mature on May 1, 2042. Proceeds were used (1) to refinance commercial paper notes which were issued to redeem CEFA Series O bonds in December 2011; (2) to refinance the outstanding CEFA Series R bonds which were redeemed in November 2011; and (3) to pay bond issuance costs.

In December 2010, the University entered into a \$50.0 million line of credit agreement to issue irrevocable standby letters of credit to support various collateral posting obligations. At August 31, 2012, irrevocable standby letters of credit of \$30.0 million were outstanding in the following amounts and for the following respective purposes: (1) \$15.0 million to support collateral requirements under certain interest rate exchange agreements discussed in *Note 7*; and (2) \$15.0 million to serve as security for workers' compensation deductible insurance arrangements. No amounts have been drawn on these letters of credit at August 31, 2012.

Stanford holds controlling interests in several investment entities which were consolidated in the financial statements in fiscal years 2012 and 2011. At August 31, 2012 and 2011, taxable debt included \$66.2 million and \$66.5 million, respectively, of debt where Stanford is ultimately liable for principal should the investees default.

The University's taxable and tax-exempt commercial paper facilities and related information at August 31, 2012 and 2011, in thousands of dollars, are as follows:

COMMERCIAL PAPER	 DTENTIAL RROWINGS	BA	ISTANDING MANCE AT UGUST 31	WEIGHTED AVERAGE DAYS TO MATURITY	AVERAGE EFFECTIVE INTEREST RATE
2012					
Taxable	\$ 500,000	\$	157,000	44.1	0.21%
Tax-exempt	\$ 300,000	\$	92,682	35.9	0.16%
2011					
Taxable	\$ 350,000	\$	108,976	26.3	0.17%
Tax-exempt	\$ 300,000	\$	92,682	32.3	0.10%

The University had \$265.0 million of revenue bonds in variable rate mode outstanding in addition to commercial paper notes at August 31, 2012. CEFA Series L bonds bear interest at a weekly rate and CEFA Series S bonds bear interest at a commercial paper municipal rate and are outstanding for various interest periods of 270 days or less. In the event the University receives notice of any optional tender of these bonds, or if the bonds become subject to mandatory tender, the purchase price of the bonds will be paid from the remarketing of such bonds. However, if the remarketing proceeds are insufficient, the University will have a current obligation to purchase the bonds tendered. The University has identified several sources of funding including cash, money market funds, U.S. treasury securities and agencies' discount notes to provide for the full and timely purchase price of any bonds tendered in the event of a failed remarketing.

The University's interest expense, which includes amortized bond issuance costs and amortized bond premium or discount, in thousands of dollars, is as follows:

	2012	2011
Interest expense, gross	\$ 96,190	\$ 103,685
Less:		
Interest income earned on unspent proceeds	(433)	(782)
Interest capitalized as a cost of construction	(1,071)	(1,648)
Interest expense on Series 2009A bonds which is		
classified as an investment expense	(22,907)	(29,913)
Interest expense, net	\$ 71,779	\$ 71,342

The University uses interest rate exchange agreements to manage the interest rate exposure of its debt portfolio (see *Note 7*). Net payments on interest rate exchange agreements, which are included in "swap interest and unrealized losses" in the *Statements of Activities*, totaled \$4.3 million and \$5.6 million for the years ended August 31, 2012 and 2011, respectively.

At August 31, 2012, scheduled principal payments on notes and bonds, in thousands of dollars, are as follows:

	PRINCIPAL				
YEAR ENDING AUGUST 31	F	PAYMENTS			
2013 Commercial paper	\$	249,682			
2013 Variable debt subject to remarketing		265,018			
2013 Other		67,706			
2014		573,720			
2015		55			
2016		250,000			
2017		-			
Thereafter		1,225,750			
TOTAL	\$	2,631,931			

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### 11. Hospitals Notes and Bonds Payable

Notes, bonds and capital lease obligations for the Hospitals at August 31, 2012 and 2011, in thousands of dollars, are as follows:

		EFFECTIVE				
	YEAR OF	INTEREST RATE*	OUTSTANDIN	G PRINCIPAL		
	MATURITY	2012/2011	2012	2011		
SHC:						
CHFFA Fixed Rate Revenue Bonds:						
2003 Series A	2023	2.00%-5.00%	\$ -	\$ 78,595		
2008 Series A-1	2040	2.25%-5.15%	69,760	70,360		
2008 Series A-2	2040	1.00%-5.25%	103,200	104,100		
2008 Series A-3	2040	1.00%-5.50%	83,415	84,165		
2010 Series A	2031	4.00%-5.75%	144,860	149,345		
2010 Series B	2036	4.50%-5.75%	146,710	146,710		
2012 Series A	2051	5.00%	340,000	-		
2012 Series B	2023	2.00%-5.00%	68,320	-		
Promissory Note	2014	7.03%	363	539		
CHFFA Variable Rate Revenue Bonds:						
2008 Series B	2045	0.17%	168,200	168,200		
2012 Series C	2051	0.25%	60,000	-		
2012 Series D	2051	0.78%	100,000	-		
LPCH:						
CHFFA Fixed Rate Revenue Bonds:						
2003 Series C	2013-2027	3.25%	-	55,000		
2008 Series A	2027-2033	1.45%	30,340	-		
2008 Series B	2027-2033	1.45%	30,340	-		
2008 Series C	2015-2023	1.45%	32,770	-		
2012 Series A	2044-2051	5.00%	200,000	-		
CHFFA Variable Rate Revenue Bonds:						
2008 Series A	2027-2033	0.13%	-	30,340		
2008 Series B	2027-2033	0.16%	-	30,340		
2008 Series C	2015-2023	0.16%	-	32,770		
2012 Series B	2013-2027	3.00%	51,045	-		
Capital lease obligations			-	13,643		
Hospitals notes, bonds and capital leas	e obligations		1,629,323	964,107		
Unamortized original issue premiums/dis	counts, net		71,104	19,071		
TOTAL			\$ 1,700,427	\$ 983,178		

\*Exclusive of interest rate exchange agreements (see Note 7).

At August 31, 2012 and 2011, the fair value of these debt instruments was approximately \$1.8 billion and \$1.0 billion, respectively.

The Hospitals borrow at tax-exempt rates through the California Health Facilities Financing Authority (CHFFA). CHFFA debt is a general obligation of the Hospitals. Payments of principal and interest on the Hospitals' bonds are collateralized by a pledge of the revenues of the respective hospitals. Although CHFFA is the issuer, the Hospitals are responsible for the repayment of the tax-exempt debt. The University is not an obligor or guarantor with respect to any obligations of SHC or LPCH, nor are SHC or LPCH obligors or guarantors with respect to obligations of the University. At August 31, 2012, there were no liquidity agreements between or among SHC, LPCH and the University.

SHC and LPCH are each party to separate master trust indentures that include, among other requirements, limitations on the incurrence of additional indebtedness, liens on property, restrictions on disposition or transfer of assets and compliance with certain financial ratios. Subject to applicable no-call provisions, the Hospitals may cause the redemption of the bonds, in whole or in part, prior to the stated maturities.

### SHC

In May 2012, CHFFA, on behalf of SHC, issued four series of revenue bonds in the aggregate principal amount of \$568.3 million. The bonds were comprised of \$340.0 million of 2012 Series A bonds, \$68.3 million of 2012 Series B bonds, \$60.0 million of 2012 Series C bonds and \$100.0 million of 2012 Series D bonds. Proceeds of the 2012 Series A, C and D bonds will be used to finance a portion of the Renewal Project (*see Note 20*). Proceeds of the 2012 Series B bonds, the unamortized bond issuance costs and original issue premium of \$2.5 million related to the 2003 Series A bonds were included in "non-operating activities" in the *Statements of Activities* for the year ended August 31, 2012.

In June 2011, SHC remarketed the 2008 Series A-2, A-3 and B-2 bonds in the aggregate principal amount of \$272.4 million. SHC converted both the 2008 Series A-2 bonds from a weekly interest rate mode and the 2008 Series A-3 bonds from a multi-annual put mode to a long-term fixed interest rate mode and the bonds mature in 2040. The remarketing of the 2008 Series A-3 bonds generated an original issue premium of approximately \$1.5 million that, pursuant to the requirements of the underlying documents, was used to reduce the principal amount of the bonds from \$85.7 million to \$84.2 million. SHC converted the 2008 Series B-2 bonds from a weekly interest rate mode to a commercial paper mode.

At August 31, 2012, SHC has \$328.2 million revenue bonds in variable rate mode outstanding. The 2008 Series B-1 bonds bear interest at a weekly rate, and bondholders have the option to tender their bonds on a weekly basis. The 2008 Series B-2 bonds bear interest at a commercial paper rate and are outstanding for various interest periods of 270 days or less. Bondholders in commercial paper mode have the option to tender their bonds only at the end of the commercial paper rate period.

The 2012 Series C bonds are in a Windows weekly floating index mode and cannot be tendered for 180 days after a 30 day notice and remarketing period. The 2012 Series D bonds are also in a floating index mode with monthly interest rate resets and were directly placed with U.S. Bank. The 2012 Series D bonds are not subject to remarketing or tender until May 23, 2019.

In the event SHC receives notice of any optional tender of the 2008 Series B-1 bonds or the 2012 Series C bonds, or if the bonds become subject to mandatory tender, the purchase price of the bonds will be paid from the remarketing of such bonds. However, if the remarketing proceeds are insufficient, SHC will have a current obligation to purchase the bonds tendered. SHC has identified several sources of funding including cash and money market funds to provide for the full and timely purchase price of any bonds tendered in the event of a failed remarketing.

At August 31, 2012, SHC has irrevocable standby letters of credit in the aggregate amount of \$53.3 million posted with certain beneficiaries in the following amounts and for the following respective purposes: (i) \$30.0 million to support collateral requirements under certain interest rate exchange agreements discussed in *Note 7*, (ii) \$13.3 million to serve as security for the workers' compensation self-insurance arrangement and (iii) \$10.0 million to serve as a security deposit for certain construction projects being undertaken by SHC. No amounts have been drawn on these letters of credit at August 31, 2012 and 2011.

### LPCH

In March 2012, CHFFA, on behalf of LPCH, issued 2012 Series A bonds and 2012 Series B bonds in the aggregate principal amount of \$251.0 million. Proceeds of the 2012 Series A bonds will be used to finance a portion of the Renewal Project and to pay bond issuance costs. Proceeds of the 2012 Series B bonds were used to advance refund the 2003 Series C bonds and to pay bond issuance costs. As a result of the refunding, the unamortized bond issuance costs and original issue premium of \$3.7 million related

to the 2003 Series C bonds were included in "non-operating activities" in the *Statements of Activities* for the year ended August 31, 2012.

In March 2012, LPCH converted the 2008 Series A, B and C revenue bonds in the aggregate principal amount of \$93.4 million from weekly variable rate mode to five-year fixed rate put bonds.

At August 31, 2012, LPCH has irrevocable standby letters of credit in the aggregate amount of \$13.3 million posted with certain beneficiaries in the following amounts and for the following respective purposes: (i) \$6.7 million to serve as security for the workers' compensation self-insurance arrangement and (ii) \$6.6 million to serve as a security deposit for certain construction projects being undertaken by LPCH. No amounts have been drawn on these letters of credit at August 31, 2012 and 2011.

### INTEREST

The Hospitals' interest expense, which includes settlements under the interest rate exchange agreements, amortized bond issuance costs and amortized bond premium or discount, in thousands of dollars, is as follows:

	2012			2011
Interest expense, gross, excluding settlements under the				
interest rate exchange agreements	\$	42,435	\$	30,880
Settlements under the interest rate exchange agreements		19,926		19,864
Less:				
Interest capitalized as a cost of construction		(7,246)		(1,701)
Interest expense, net	\$	55,115	\$	49,043

### PRINCIPAL PAYMENTS

At August 31, 2012, scheduled principal payments on notes, bonds and capital lease obligations, in thousands of dollars, are as follows:

	PRINCIPAL				
YEAR ENDING AUGUST 31	P	AYMENTS			
2013 Variable debt subject to remarketing	\$	228,200			
2013 Other		12,694			
2014		14,854			
2015		17,075			
2016		18,930			
2017		19,065			
Thereafter		1,318,505			
TOTAL	\$	1,629,323			

### 12. University Endowment

The University classifies a substantial portion of its financial resources as endowment, which is invested to generate income to support operating and strategic initiatives. The endowment is comprised of pure endowment funds (which include endowed lands), term endowment funds, and funds functioning as endowment (FFE). Depending on the nature of the donor's stipulation, these resources are recorded as permanently restricted, temporarily restricted or unrestricted net assets. Term endowments are similar to other endowment funds except that, upon the passage of a stated period of time or the occurrence of a particular event, all or part of the principal may be expended. These resources are classified as temporarily restricted net assets. FFE are University resources designated by the Board as endowment and are invested for long-term appreciation and current income. These assets, however, remain available and may be spent at the Board's discretion. Accordingly, FFE are recorded as unrestricted net assets.

The University classifies as permanently restricted net assets (a) the original value of gifts donated to the permanent endowment and (b) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are authorized for expenditure. In the absence of donor stipulations or law to the contrary, net unrealized losses on permanently restricted net assets, as needed, until such time as the fair value of the fund equals or exceeds historic value. The aggregate amount by which fair value was below historic value was \$37.5 million and \$34.9 million at August 31, 2012 and 2011, respectively.

Endowment funds by net asset classification at August 31, 2012 and 2011, in thousands of dollars, are as follows:

			TEMPORARILY		PERMANENTLY		
	UN	RESTRICTED	R	ESTRICTED	R	ESTRICTED	TOTAL
2012							
Donor-restricted endowment funds	\$	(37,537)	\$	5,016,796	\$	4,951,569	\$ 9,930,828
Funds functioning as endowment		7,104,976		-		-	7,104,976
TOTAL ENDOWMENT FUNDS	\$	7,067,439	\$	5,016,796	\$	4,951,569	\$ 17,035,804
2011							
Donor-restricted endowment funds	\$	(34,907)	\$	5,215,842	\$	4,645,015	\$ 9,825,950
Funds functioning as endowment		6,676,656		-		-	6,676,656
TOTAL ENDOWMENT FUNDS	\$	6,641,749	\$	5,215,842	\$	4,645,015	\$ 16,502,606

Most of the University's endowment is invested in the MP. The return objective for the MP is to generate optimal long-term total return while maintaining an appropriate level of risk for the University. Investment returns are achieved through both capital appreciation (realized and unrealized gains) and current yield (interest and dividends). Portfolio asset allocation targets as well as expected risk, return and correlation among the asset classes are reevaluated annually by Stanford Management Company.

Through the combination of investment strategy and payout policy, the University is striving to provide a reasonably consistent payout from endowment to support operations, while preserving the purchasing power of the endowment adjusted for inflation.

The Board approves the amounts to be paid out annually from endowment funds invested in the MP. Consistent with the Uniform Prudent Management of Institutional Funds Act, when determining the appropriate payout the Board considers the purposes of the University and the endowment, the duration and preservation of the endowment, general economic conditions, the possible effect of inflation or deflation, the expected return from income and the appreciation of investments, other resources of the University, and the University's investment policy.

The current Board approved targeted spending rate is 5.5%. The sources of payout are earned income on endowment assets (interest, dividends, rents and royalties), realized capital gains and FFE, as needed and as available.

Changes in the University's endowment, excluding pledges, for the years ended August 31, 2012 and 2011, in thousands of dollars, are as follows:

	UN	RESTRICTED		MPORARILY ESTRICTED		RMANENTLY		TOTAL
2012	014							TOTAL
Endowment, beginning of year	\$	6,641,749	\$	5,215,842	\$	4,645,015	\$	16,502,606
Investment returns:								
Earned income		208,731		-		-		208,731
Unrealized and realized gains		507,530		280,109		4,076		791,715
Total investment returns		716,261		280,109		4,076		1,000,446
Amounts distributed for operations		(390,375)		(480,731)		-		(871,106)
Gifts, transfers and other changes in endowment:								
Current year gifts and pledge payments		3,390		26,490		234,530		264,410
Transfers of prior year gifts		50,255		95		18,030		68,380
EFP funds withdrawn from the endowment		(10,431)		-		-		(10,431)
Other funds invested in (withdrawn from)								
the endowment, net		54,603		(19,994)		47,072		81,681
Other		1,987		(5,015)		2,846		(182)
Total gifts, transfers and other changes in								
endowment		99,804		1,576		302,478		403,858
Total net increase (decrease) in endowment		425,690		(199,046)		306,554		533,198
ENDOWMENT, END OF YEAR	\$	7,067,439	\$	5,016,796	\$	4,951,569	\$	17,035,804
2011								
Endowment, beginning of year	\$	5,161,476	\$	4,340,344	\$	4,349,295	\$	13,851,115
Investment returns:	Ŧ	0,101,110	Ŧ	1,010,011	Ŧ	110171270	*	10/001/110
Earned income		153,196		-		-		153,196
Unrealized and realized gains		1,253,259		1,337,066		19,611		2,609,936
Total investment returns		1,406,455		1,337,066		19,611		2,763,132
Amounts distributed for operations		(312,540)		(472,541)		-		(785,081)
Gifts, transfers and other changes in endowment:								
Current year gifts and pledge payments		4,234		14,062		144,497		162,793
Transfers of prior year gifts		3,439		(1,752)		76,079		77,766
EFP funds invested in the endowment		316,011		_		-		316,011
Other funds invested in the endowment, net		63,880		2,120		55,358		121,358
Other		(1,206)		(3,457)		175		(4,488)
Total gifts, transfers and other changes in								
endowment		386,358		10,973		276,109		673,440
Total net increase in endowment		1,480,273		875,498		295,720		2,651,491
ENDOWMENT, END OF YEAR	\$	6,641,749	\$	5,215,842	\$	4,645,015	\$	16,502,606

### 13. Hospitals Endowments

The endowments of SHC and LPCH are intended to generate investment income to support their current operating and strategic initiatives. The following table summarizes each hospital's share of the Hospitals endowments at August 31, 2012 and 2011, in thousands of dollars:

	2012	2011		
LPCH	\$ 266,393	\$	270,361	
SHC	14,822		13,520	
TOTAL ENDOWMENT FUNDS	\$ 281,215	\$	283,881	

The Hospitals invest the majority of their endowments in the University's MP. As such, the Hospitals endowments are subject to the same investment and spending strategies as described in *Note 12*. These policies provide for annual amounts (payout) to be distributed for current use. "Amounts distributed for operations" in the table below represents the Hospitals' current year endowment payout spent for designated purposes during fiscal years 2012 and 2011.

The Hospitals classify as permanently restricted net assets (a) the original value of gifts donated to the permanent endowment and (b) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are authorized for expenditure. In the absence of donor stipulations or law to the contrary, net unrealized losses on permanently restricted net assets, as needed, until such time as the fair value of the fund equals or exceeds historic value. The aggregate amount by which fair value was below historic value was approximately \$216 thousand and \$277 thousand at August 31, 2012 and 2011, respectively.

Changes in Hospitals endowments, for the years ended August 31, 2012 and 2011, in thousands of	
Iollars, are as follows:	

	UNRE	STRICTED	IPORARILY STRICTED	MANENTLY	TOTAL
2012					
Endowments, beginning of year	\$	(277)	\$ 78,808	\$ 205,350	\$ 283,881
Investment returns:					
Earned income		-	13,786	-	13,786
Unrealized and realized gains (losses)		61	(5,728)	481	(5,186)
Total investment returns		61	8,058	481	8,600
Amounts distributed for operations		-	(12,319)	-	(12,319)
Gifts, transfers and other changes in endowment	s:				
Gifts and pledge payments		-	45	777	822
Other		-	(511)	742	231
Total gifts, transfers and other changes in					
endowments		-	(466)	1,519	1,053
Total net increase (decrease) in endowments		61	(4,727)	2,000	(2,666)
ENDOWMENTS, END OF YEAR	\$	(216)	\$ 74,081	\$ 207,350	\$ 281,215
2011					
Endowments, beginning of year	\$	(2,285)	\$ 53,161	\$ 231,523	\$ 282,399
Investment returns:					
Earned income		-	13,275	-	13,275
Unrealized and realized gains		2,008	27,235	929	30,172
Total investment returns		2,008	40,510	929	43,447
Amounts distributed for operations		-	(13,977)	-	(13,977)
Gifts, transfers and other changes in endowment	s:				
Gifts and pledge payments		-	-	34	34
Transfer of funds to the University and other		-	(886)	(27,136)	(28,022)
Total gifts, transfers and other changes in endowments		_	(886)	(27,102)	(27,988)
Total net increase (decrease) in endowments		2,008	25,647	(26,173)	1,482
ENDOWMENTS, END OF YEAR	\$	(277)	\$ 78,808	\$ 205,350	\$ 283,881

All of the Hospitals endowments are classified as donor-restricted.

### 14. University Gifts and Pledges

The University's Office of Development (OOD) reports total gifts based on contributions received in cash or property during the fiscal year. Gifts and pledges reported for financial statement purposes are recorded on the accrual basis. The following summarizes gifts and pledges reported for the years ended August 31, 2012 and 2011, per the *Statements of Activities* reconciled to the cash basis reported by OOD, in thousands of dollars:

	2012	2011
Current year gifts in support of operations	\$ 178,214	\$ 163,692
Donor advised funds, net	38,998	1,057
Current year gifts not included in operations	253,390	4,237
Temporarily restricted gifts and pledges, net	229,441	196,615
Permanently restricted gifts and pledges, net	227,079	150,813
TOTAL PER STATEMENTS OF ACTIVITIES	927,122	516,414
Adjustments to arrive at gift total as reported by OOD:		
New pledges	(265,141)	(227,331)
Payments made on pledges	259,402	272,227
Pledge discounts and other adjustments	29,560	18,676
Donor advised funds not designated for Stanford	(35,811)	3,484
Non-cash gifts	4,982	4,791
Non-government grants, recorded as		
sponsored research support when earned	79,243	84,745
SHC gifts	33,357	35,152
Other	2,135	1,265
TOTAL AS REPORTED BY OOD	\$ 1,034,849	\$ 709,423

### 15. Functional Expenses

Expenses for each of the years ended August 31, 2012 and 2011 are categorized on a functional basis as follows, in thousands of dollars:

				2011				
	U	UNIVERSITY		HOSPITALS		CONSOLIDATED		NSOLIDATED
Instruction and departmental research	\$	1,240,458	\$	-	\$	1,240,458	\$	1,160,021
Organized research - direct costs		1,017,081		-		1,017,081		1,019,584
Patient services		-		2,289,310		2,289,310		2,187,914
Auxiliary activities		748,800		-		748,800		676,687
Administration and general		317,244		228,648		545,892		311,379
Libraries		169,456		-		169,456		159,112
Student services		151,502		-		151,502		126,644
Development		80,976		13,878		94,854		88,931
SLAC construction		40,793		-		40,793		44,076
TOTAL EXPENSES	\$	3,766,310	\$	2,531,836	\$	6,298,146	\$	5,774,348

Depreciation, interest, operations and maintenance expenses are allocated to program and supporting activities, except for SLAC construction. Auxiliary activities include housing and dining services, intercollegiate athletics, Stanford Alumni Association, other activities and patient care provided by the SoM faculty.

### 16. University Retirement Plans

The University provides retirement benefits through both contributory and noncontributory retirement plans for substantially all of its employees.

### DEFINED CONTRIBUTION PLAN

The University offers a defined contribution plan to eligible faculty and staff through the *Stanford Contributory Retirement Plan* (SCRP). University and participant contributions are primarily invested in annuities and mutual funds. University contributions under the SCRP, which are vested immediately to participants, were approximately \$110.7 million and \$104.4 million for the years ended August 31, 2012 and 2011, respectively.

### DEFINED BENEFIT PLANS

The University provides retirement and postretirement medical and other benefits through three defined benefit plans: the *Staff Retirement Annuity Plan*, the *Faculty Retirement Incentive Program*, and the *Postretirement Benefit Plan* (the "Plans"). The obligations for the Plans, net of plan assets, are recorded in the *Statements of Financial Position* as "accrued pension and post retirement benefit cost". These are described more fully below.

### Staff Retirement Annuity Plan

Retirement benefits for certain employees are provided through the *Staff Retirement Annuity Plan* (SRAP), a noncontributory plan. The SRAP is closed to new participants. The University's policy is to fund pension costs in accordance with the Employee Retirement Income Security Act (ERISA)'s requirements.

### Faculty Retirement Incentive Program

The University also provides a retirement incentive bonus for eligible faculty through the University *Faculty Retirement Incentive Program* (FRIP). The University's faculty may become eligible for the FRIP program if they commit to retire within a designated window of time. At August 31, 2012 and 2011, there were no program assets. The University funds benefit payouts as they are incurred.

### Postretirement Benefit Plan

The University also provides certain health care benefits for retired employees through its *Postretirement Benefit Plan* (PRBP). The University's employees and their covered dependents may become eligible for the PRBP upon the employee's retirement. Retiree health plans are paid for, in part, by retiree contributions, which are adjusted annually. Health benefits provided and the gross premiums charged (before University subsidies) to retirees under age 65 are the same as those provided to active employees. The University subsidy varies depending on whether the retiree is covered under the traditional design or the defined dollar benefit design. Medicare supplement options are provided for retirees over age 65.

The change in the Plans' assets, the related change in benefit obligations and the amounts recognized in the financial statements, in thousands of dollars, are as follows:

	STAFF RETIREMENT ANNUITY PLAN (SRAP)	FACULTY RETIREMENT INCENTIVE PROGRAM (FRIP)	POST RETIREMENT BENEFIT PLAN (PRBP)	TOTAL
2012				
Change in plan assets:		•	* 100.001	*
Fair value of plan assets, beginning of year	\$ 258,896	\$ -	\$ 128,991	\$ 387,887
Actual return on plan assets	43,856	-	10,251	54,107
Employer contributions	10,211	3,256	26,005	39,472
Plan participants' contributions	-	-	6,854	6,854
Benefits and plan expenses paid	(22,706)	(3,256)	(22,303) *	(48,265)
FAIR VALUE OF PLAN ASSETS, END OF YEAR	290,257	-	149,798	440,055
Change in projected benefit obligation:				
Benefit obligation, beginning of year	293,397	145,543	470,454	909,394
Service cost	3,298	9,419	13,221	25,938
Interest cost	13,110	6,812	24,388	44,310
Plan participants' contributions	-	-	6,854	6,854
Actuarial loss	62,027	21,151	67,964	151,142
Benefits and plan expenses paid	(22,706)	(3,256)	(22,303) *	(48,265)
BENEFIT OBLIGATION, END OF YEAR	349,126	179,669	560,578	1,089,373
NET LIABILITY RECOGNIZED IN THE STATEMENTS OF FINANCIAL POSITION	\$ (58,869)	\$ (179,669)	\$ (410,780)	\$(649,318)
* Net of Medicare subsidy				
2011				
Change in plan assets:				
Fair value of plan assets, beginning of year	\$ 242,859	\$ -	\$ 106,851	\$ 349,710
Actual return on plan assets	\$ 242,859 33,585	<b>Ъ</b> –	\$ 106,851 13,282	\$ 349,710 46,867
Employer contributions	33,000	- 1,256	22,147	23,403
Plan participants' contributions	-	1,250	6,839	6,839
Benefits and plan expenses paid	- (17,548)	- (1,256)	(20,128) *	(38,932)
FAIR VALUE OF PLAN ASSETS, END OF YEAR	258,896	-	128,991	387,887
Change in projected benefit obligation:	200,070	_	120,771	007,007
Benefit obligation, beginning of year	302,698	140,299	461,081	904,078
Service cost				
Interest cost	3,782 13,349	9,100	14,432 23,814	27,314 43,595
Plan participants' contributions	13,349	6,432		
Actuarial (gain) loss	-	-	6,839	6,839
Benefits and plan expenses paid	(8,548) (17,548)	(9,032) (1,256)	6,242 (20,128) *	(11,338) (38,932)
Plan amendments	(17,548) (336)	(1,250)	(21,826)	(22,162)
BENEFIT OBLIGATION, END OF YEAR	293,397	145,543	470,454	909,394
NET LIABILITY RECOGNIZED IN THE	2,0,077	140,040	-70-10 <b>-</b> 1	,,,,,,,
STATEMENTS OF FINANCIAL POSITION	\$ (34,501)	\$ (145,543)	\$ (341,463)	\$(521,507)
* Net of Medicare subsidy				

\* Net of Medicare subsidy

The accumulated benefit obligation for the SRAP was \$345.0 million and \$289.8 million at August 31, 2012 and 2011, respectively.

Net periodic benefit expense and non-operating activities related to the Plans for the years ended August 31, 2012 and 2011, in thousands of dollars, includes the following components:

	STAFF RETIREMENT ANNUITY PLAN (SRAP)	FACULTY RETIREMENT INCENTIVE PROGRAM (FRIP)	POST RETIREMENT BENEFIT PLAN (PRBP)	TOTAL
2012				
Service cost	\$ 3,298	\$ 9,419	\$ 13,221	\$ 25,938
Interest cost	13,110	6,812	24,388	44,310
Expected return on plan assets	(17,296)	-	(10,480)	(27,776)
Amortization of:				
Prior service cost	534	-	2,569	3,103
Actuarial loss	-	6,485	8,214	14,699
NET PERIODIC BENEFIT EXPENSE	(354)	22,716	37,912	60,274
Net actuarial loss during period	35,467	21,151	67,900	124,518
Amortization of:				
Prior service cost	(534)	-	(2,569)	(3,103)
Actuarial loss	-	(6,485)	(8,214)	(14,699)
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES	34,933	14,666	57,117	106,716
TOTAL AMOUNT RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE AND NON-OPERATING ACTIVITIES	\$ 34,579	\$ 37,382	\$ 95,029	\$ 166,990
2011				
Service cost	\$ 3,782	\$ 9,100	\$ 14,432	\$ 27,314
Interest cost	13,349	6,432	23,814	43,595
Expected return on plan assets	(16,065)	-	(8,643)	(24,708)
Amortization of:				
Prior service cost	674	-	7,605	8,279
Actuarial loss	2,498	7,422	8,696	18,616
NET PERIODIC BENEFIT EXPENSE	4,238	22,954	45,904	73,096
Net actuarial gain during period	(26,068)	(9,032)	-	(35,100)
Amortization of:				
Prior service cost	(674)	-	(7,605)	(8,279)
Actuarial loss	(2,498)	(7,422)	(7,094)	(17,014)
Plan amendments	(336)		(21,826)	(22,162)
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES	(29,576)	(16,454)	(36,525)	(82,555)
TOTAL AMOUNT RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE AND NON-OPERATING ACTIVITIES	\$ (25,338)	\$ 6,500	\$ 9,379	\$ (9,459)

Cumulative amounts recognized in non-operating activities, but not yet recognized in net periodic benefit expense in the *Statements of Activities*, are presented in the following table for the years ended August 31, 2012 and 2011, in thousands of dollars:

	RET A	STAFF TREMENT NNUITY N (SRAP)	RE	FACULTY TIREMENT ICENTIVE ROGRAM (FRIP)	E	POST TIREMENT BENEFIT AN (PRBP)	TOTAL
2012							
Prior service cost	\$	1,394	\$	-	\$	8,564	\$ 9,958
Net actuarial loss		57,726		122,018		227,438	407,182
ACCUMULATED PLAN BENEFIT COSTS NOT YET RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE	\$	59,120	\$	122,018	\$	236,002	\$ 417,140
2011							
Prior service cost	\$	1,879	\$	-	\$	11,132	\$ 13,011
Net actuarial loss		22,308		107,352		167,753	297,413
ACCUMULATED PLAN BENEFIT COSTS NOT YET RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE	\$	24,187	\$	107,352	\$	178,885	\$ 310,424

The prior service costs and net actuarial loss expected to be amortized from non-operating activities to net periodic benefit expense in fiscal year 2013, in thousands of dollars, are as follows:

		FACULTY								
	S	TAFF	RETIREMENT			POST				
	RET	IREMENT	INCENTIVE RETIREMENT							
	ANNL	IITY PLAN	PROGRAM		BENEFIT PLAN					
	(1	SRAP)	(	(FRIP)		(PRBP)		Total		
Prior service cost	\$	540	\$	-	\$	2,569	\$	3,109		
Net actuarial loss	\$	2,970	\$	7,464	\$	11,165	\$	21,599		

### **ACTUARIAL ASSUMPTIONS**

The weighted average assumptions used to determine the benefit obligations for the Plans are shown below:

	ANNUIT	TIREMENT Y PLAN AP)	FACU RETIRE INCEN PROGRAI	EMENT NTIVE	POST RETIREMENT BENEFIT PLAN (PRBP)		
	2012	2011	2012	2011	2012	2011	
Discount rate Covered payroll growth rate	3.36% 3.54%	4.67% 4.41%	3.33% 4.42%	4.74% 4.43%	3.78% N/A	5.14% N/A	

The weighted average assumptions used to determine the net periodic benefit cost for the Plans are shown below:

	ANNUIT	STAFF RETIREMENT ANNUITY PLAN (SRAP)		JLTY EMENT ITIVE A (FRIP)	POST RETIREMENT BENEFIT PLAN (PRBP)		
	2012	2011	2012	2011	2012	2011	
Discount rate	4.67%	4.61%	4.74%	4.67%	5.14%	5.10%	
Expected returns on plan assets	7.00%	7.00%	N/A	N/A	8.00%	8.00%	
Covered payroll growth rate	4.41%	4.76%	4.43%	4.14%	N/A	N/A	

The expected long-term rate of return on asset assumptions for both the SRAP and PRBP plans is 7%. Expected returns on plan assets, a component of net periodic (income)/benefit cost, represent the long-term return on plan assets based on the calculated market-related value of plan assets. These rates of returns, and the future expectations for returns in each asset class, as well as the target asset allocation of the portfolios. The use of expected long-term returns on plan assets may result in income that is greater or less than the actual returns of those plan assets in any given year. Over time, however, the expected long-term returns are designed to approximate the actual long-term returns, and therefore result in a pattern of income and cost recognition that more closely matches the pattern of the services provided by the employees. Differences between actual and expected returns are recognized as a component of non-operating activities and amortized as a component of net periodic (income)/benefit cost over the service life expectancy of the plan participants, depending on the plan, provided such amounts exceed the accounting standards threshold.

To determine the accumulated PRBP obligation at August 31, 2012, a 7.5% annual rate of increase in the per capita costs of covered health care was assumed for the year ending August 31, 2013, declining gradually to 4.75% by 2024 and remaining at this rate thereafter. For covered dental plans, a constant 5% annual rate of increase was assumed.

Health care cost trend rate assumptions have a significant effect on the amounts reported for the health care plans. Increasing the health care cost trend rate by 1% in each future year would increase the accumulated PRBP obligation by \$104.1 million and the aggregate annual service and interest cost by \$7.1 million. Decreasing the health care cost trend rate by 1% in each future year would decrease the accumulated PRBP obligation by \$82.1 million and the aggregate annual service and interest cost by \$5.6 million.

### EXPECTED CONTRIBUTIONS

The University expects to contribute \$4.6 million, \$6.9 million, and \$2.5 million to its SRAP, FRIP, and PRBP, respectively, during the year ending August 31, 2013.

### **EXPECTED BENEFIT PAYMENTS**

The following benefit payments, which reflect expected future service, are expected to be paid, in thousands of dollars, for the years ending August 31:

			FÆ	ACULTY	PC	DST RETIREI PLAN		
	S	STAFF RETIREMENT				EX	PECTED	
	RET	IREMENT	T INCENTIVE		EX	EXCLUDING		DICARE
	ANNU	ANNUITY PLAN PROG		Rogram	MEDICARE		PART D	
YEAR ENDING AUGUST 31	(	SRAP)	(FRIP)		SUBSIDY		SUBSIDY	
2013	\$	28,265	\$	6,936	\$	17,369	\$	2,629
2014		23,992		10,009		18,688		2,877
2015		24,843		11,989		19,908		3,146
2016		24,293		12,116		21,118		3,444
2017		23,791		12,826		22,521		3,757
2018 - 2022		111,899		75,879		134,261		24,436

### **INVESTMENT STRATEGY**

The University's Retirement Program Investment Committee, acting in a fiduciary capacity, has established formal investment policies for the assets associated with the University's funded plans (SRAP and PRBP). The investment strategy of the plans is to preserve and enhance the value of the plans' assets within acceptable levels of risk. Investments in the plans are diversified among asset classes, striving to achieve an optimal balance between risk and return, and income and capital appreciation. Because the liabilities of each of the plans are long-term, the investment horizon is primarily long-term, with adequate liquidity to meet short-term benefit payment obligations.

#### CONCENTRATION OF RISK

The University manages a variety of risks, including market, credit, and liquidity risks, across its plan assets. Concentration of risk is defined as an undiversified exposure to one of the above-mentioned risks that increases the exposure of the loss of plan assets unnecessarily. Risk is minimized by predominately investing in broadly diversified index funds for public equities and fixed income. As of August 31, 2012, the University did not have concentrations of risk in any single entity, counterparty, sector, industry or country.

### PLAN ASSET ALLOCATIONS

Actual allocations by asset category at August 31, 2012 and 2011 are as follows:

	STAFF RETIREMENT ANNUITY PLAN (SRAP)		POST RET BENEFIT (PRE	PLAN
ASSET CATEGORY	2012	2011	2012	2011
Cash and cash equivalents	<1%	1%	0%	0%
Public equities	44%	40%	75%	74%
Fixed income	56%	59%	25%	26%
Private equities	<1%	<1%	0%	0%
TOTAL PORTFOLIO	100% 100%		100%	100%

For fiscal years 2012 and 2011, the weighted-average target allocations by asset category are as follows:

	STAFF RETIREMENT ANNUITY PLAN (SRAP)		POST RET BENEFIT (PRE	PLAN
ASSET CATEGORY	2012	2011	2012	2011
Public equities	45%	45%	75%	75%
Fixed income	55%	55%	25%	25%
Private equities	<1%	0%	0%	0%
TARGET PORTFOLIO	100%	100%	100%	100%

### FAIR VALUE OF PLAN ASSETS

Current U.S GAAP defines a hierarchy of valuation inputs for the determination of the fair value of plan assets as described in *Note 5*. The plan assets measured at fair value at August 31, 2012 and 2011, in thousands of dollars, are as follows:

		AS OF						
	AL	JGUST 31,						
<u></u>		2012		LEVEL 1	LEVEL 2		LEVEL 3	
SRAP:	¢		¢		¢		¢	
Cash and cash equivalents	\$	1,111	\$	1,111	\$	-	\$	-
Public equities		126,913		126,913		-		-
Fixed income		161,804		157,804		4,000		-
Private equities		429		-		-		429
TOTAL	\$	290,257	\$	285,828	\$	4,000	\$	429
PRBP:								
Public equities	\$	112,239	\$	112,239	\$	-	\$	-
Fixed income		37,559		37,559		-		-
TOTAL	\$	149,798	\$	149,798	\$	-	\$	-
TOTAL FAIR VALUE OF PLAN ASSETS	\$	440,055	\$	435,626	\$	4,000	\$	429
	Δ1	AS OF JGUST 31,						
		2011		LEVEL 1		EVEL 2	I F	EVEL 3
SRAP:								
Cash and cash equivalents	\$	1,721	\$	1,721	\$	-	\$	_
Public equities		103,246		103,246		-		-
Fixed income		153,282		149,106		4,176		-
Private equities		647		-		-		647
TOTAL	\$	258,896	\$	254,073	\$	4,176	\$	647
PRBP:								
Public equities	\$	95,358	\$	95,358	\$	-	\$	-
Fixed income		33,633		33,633		-		-
TOTAL	\$	128,991	\$	128,991	\$	-	\$	-
TOTAL FAIR VALUE OF								
PLAN ASSETS	\$	387,887	\$	383,064	\$	4,176	\$	647

The following table presents a reconciliation of beginning and ending balances for Level 3 investments in the SRAP for the years ended August 31, 2012 and 2011, in thousands of dollars:

FAIR VALUE MEASUREMENTS USING SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3)	BALANC SEPTE	NNING CE AS OF MBER 1, D11	PURCHAS	ES	SALES MATUF		UNR	REALIZED AND EALIZED DSSES	TRANS IN (O		BALAN AUGU	IDING CE AS OF JST 31, 012
Private equities	\$	647	\$	-	\$	-	\$	(218)	\$	-	\$	429
TOTAL	\$	647	\$	-	\$	-	\$	(218)	\$	-	\$	429
FAIR VALUE MEASUREMENTS USING SIGNIFICANT UNOBSERVABLE INPUTS (LEVEL 3)	BALANC	nning Ce as of Mber 1, D10	PURCHAS	ES	SALES MATUR		UNR	REALIZED AND EALIZED DSSES	TRANS IN (O		BALAN	IDING CE AS OF JST 31, 011
Private equities	\$	685	\$	-	\$	-	\$	(38)	\$	-	\$	647
TOTAL	\$	685	\$	-	\$	-	\$	(38)	\$	-	\$	647

### 17. Hospitals Retirement Plans

The Hospitals provide retirement benefits through defined benefit and defined contribution retirement plans covering substantially all regular employees.

### DEFINED CONTRIBUTION PLAN

Employer contributions to the defined contribution retirement plan are based on a percentage of participant annual compensation. Employer contributions to this plan amounted to approximately \$68.1 million and \$65.4 million for the years ended August 31, 2012 and 2011, respectively.

### **DEFINED BENEFIT PLANS**

Certain employees of the Hospitals are covered by the *Staff Pension Plan* (the "Pension Plan"), a noncontributory, defined benefit pension plan. Benefits of certain prior employees of LPCH are covered by a frozen defined benefit plan. Benefits are based on years of service and the employee's compensation. Contributions to the plans are based on actuarially determined amounts sufficient to meet the benefits to be paid to plan participants.

#### POST RETIREMENT MEDICAL BENEFIT PLAN

The Hospitals currently provide health insurance coverage for certain retired employees through its *Post Retirement Medical Benefit Plan* (PRMB). The Hospitals' employees and their covered dependents may become eligible for the PRMB upon the employee's retirement as early as age 55, with years of service as defined by specific criteria. Retiree health plans are paid, in part, by retiree contributions, which are adjusted annually. The Hospitals provide a subsidy which varies depending on whether the retiree is covered under the traditional design or the defined dollar benefit design. A Medicare supplement option is provided for retirees over age 65. The obligation for these benefits has been recorded in the *Statements of Financial Position* as "accrued pension and post retirement benefit cost".

The change in Pension Plan and PRMB plans' assets, the related change in benefit obligations and the amounts recognized in the financial statements, in thousands of dollars, are as follows:

NET LIABILITY RECOGNIZED IN THE STATEMENTS OF FINANCIAL POSITION	\$	(53,233)	\$	(88,206)	\$	(141,439
BENEFIT OBLIGATION, END OF YEAR		212,816		88,206		301,022
Benefits and plan expenses paid		(9,021)		(4,725)		(13,746
Actuarial gain		(2,600)		(5,843)		(8,443
Plan participants' contributions		-		992		992
Interest cost		10,311		4,157		14,468
Service cost		2,516		2,775		5,29
Benefit obligation, beginning of year		211,610		90,850		302,460
Change in projected benefit obligation:						
FAIR VALUE OF PLAN ASSETS, END OF YEAR		159,583		-		159,58
Benefits and plan expenses paid		(9,021)		(4,725)		(13,74)
Plan participants' contributions		-		992		993
Employer contributions		19,200		3,733		22,93
Actual return on plan assets		14,271		-		14,27
Fair value of plan assets, beginning of year	\$	135,133	\$	-	\$	135,13
Change in plan assets:						
2011	Ŧ	(07,077)	Ŧ	(0)/100)	Ŧ	(101/22)
NET LIABILITY RECOGNIZED IN THE STATEMENTS OF FINANCIAL POSITION	\$	(67,077)	\$	(87,150)	\$	(154,227
BENEFIT OBLIGATION, END OF YEAR		257,781		87,150		344,931
Benefits and plan expenses paid		(9,452)		(4,769)		(14,22
Actuarial loss (gain)		41,392		(4,075)		37,31
Plan participants' contributions		-		1,152		1,152
Interest cost		10,436		4,108		14,54
Service cost		2,589		2,528		5,11
Change in projected benefit obligation: Benefit obligation, beginning of year		212,816		88,206		301,02
FAIR VALUE OF PLAN ASSETS, END OF YEAR		190,704		-		190,70
Benefits and plan expenses paid		(9,452)		(4,769)		(14,22
Plan participants' contributions		-		1,152		1,152
Employer contributions		11,025		3,617		14,642
Actual return on plan assets	Ф	159,583 29,548	\$	-	\$	159,583 29,548
Change in plan assets: Fair value of plan assets, beginning of year	\$	150 502	¢		¢	150 50
2012						
	PE	NSION PLAN		(PRMB)		TOTAL
		STAFF	BE	NEFIT PLAN		
			к	MEDICAL		
			R	POST ETIREMENT		

The accumulated benefit obligation for the Pension Plan was \$253.4 million and \$209.2 million at August 31, 2012 and 2011, respectively.

Net periodic benefit expense and non-operating activities related to the plans for the years ended August 31, 2012 and 2011, in thousands of dollars, includes the following components:

	PEN	STAFF ISION PLAN	ſ	POST TIREMENT MEDICAL NEFIT PLAN (PRMB)		TOTAL
2012						
Service cost	\$	2,589	\$	2,528	\$	5,117
Interest cost	Ŧ	10,436	+	4,108	+	14,544
Expected return on plan assets		(13,708)		_		(13,708)
Amortization of:						
Prior service cost		-		264		264
Actuarial loss		5,613		245		5,858
NET PERIODIC BENEFIT EXPENSE		4,930		7,145		12,075
Net actuarial loss (gain) during period		25,552		(4,075)		21,477
Amortization of:		-,				,
Prior service cost		-		(264)		(264)
Actuarial loss		(5,613)		(245)		(5,858)
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES		19,939		(4,584)		15,355
TOTAL AMOUNT RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE AND NON-OPERATING ACTIVITIES	\$	24,869	\$	2,561	\$	27,430
2011						
Service cost	\$	2,516	\$	2,775	\$	5,291
Interest cost	Ŧ	10,311	Ŧ	4,157	Ŧ	14,468
Expected return on plan assets		(13,187)		-		(13,187)
Amortization of:						( - / - /
Prior service credit		-		(574)		(574)
Actuarial loss		5,177		696		5,873
NET PERIODIC BENEFIT EXPENSE		4,817		7,054		11,871
Net actuarial gain during period		(3,684)		(5,843)		(9,527)
Amortization of:						
Prior service credit		-		574		574
Actuarial loss		(5,177)		(696)		(5,873)
TOTAL AMOUNTS RECOGNIZED IN NON-OPERATING ACTIVITIES		(8,861)		(5,965)		(14,826)
TOTAL AMOUNT RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE AND NON-OPERATING ACTIVITIES	\$	(4,044)	\$	1,089	\$	(2,955)

Cumulative amounts recognized in non-operating activities, but not yet recognized in net periodic benefit expense in the *Statements of Activities*, are presented in the following table for the years ended August 31, 2012 and 2011, in thousands of dollars:

		STAFF	N	POST FIREMENT IEDICAL EFIT PLAN	
	PEN	ISION PLAN		(PRMB)	TOTAL
2012					
Prior service cost	\$	-	\$	2,904	\$ 2,904
Net actuarial loss (gain)		101,102		(964)	100,138
ACCUMULATED PLAN BENEFIT COSTS					
NOT YET RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE	\$	101,102	\$	1,940	\$ 103,042
2011					
Prior service cost	\$	-	\$	3,168	\$ 3,168
Net actuarial loss		81,163		3,356	84,519
ACCUMULATED PLAN BENEFIT COSTS NOT YET RECOGNIZED IN NET PERIODIC BENEFIT EXPENSE	\$	81,163	\$	6,524	\$ 87,687

The prior service cost and net actuarial loss expected to be amortized from non-operating activities to net periodic benefit expense in fiscal year 2013, in thousands of dollars, are as follows:

				POST		
			RE	TIREMENT		
			N	EDICAL		
		STAFF	BEN	EFIT PLAN		
	PENS	SION PLAN	(	(PRMB)	٦	FOTAL
Prior service cost	\$	-	\$	312	\$	312
Net actuarial loss (gain)	\$	10,677	\$	(71)	\$	10,606

### ACTUARIAL ASSUMPTIONS

The weighted average assumptions used to determine the benefit obligations for the Pension Plan and PRMB are shown below:

			POST RETIRE	MENT MEDICAL		
	STAFF PEN	SION PLAN	BENEFIT PLAN (PRMB)			
	2012	2011	2012	2011		
Discount rate	3.42% - 3.62%	4.83% - 5.03%	3.43%	4.79%		
Covered payroll growth	5.50%	5.50%	N/A	N/A		

The weighted average assumptions used to determine the net periodic benefit cost for the Pension Plan and PRMB are shown below:

	STAFF PEN	SION PLAN		MENT MEDICAL PLAN (PRMB)
	2012	2011	2012	2011
Discount rate	4.83% - 5.03%	4.79% - 4.99%	4.79%	4.70%
Expected return on plan	6.25% - 8.00%	6.25% - 8.00%	N/A	N/A
Covered payroll growth	5.50%	5.50%	N/A	N/A

To develop the expected long-term rate of return on assets assumptions, the Hospitals considered the historical returns and the future expectations for returns for each asset class, as well as the target asset allocation of the pension portfolio.

To determine the accumulated PRMB obligation at August 31, 2012, an 8.0% annual rate of increase in the pre-65 per capita costs, an 8.0% annual rate of increase in the post-65 prescription drug per capita costs, and a 6.8% rate of increase in the post-65 per capita cost of all other medical benefits was assumed for 2012, all declining gradually to 4.75% by 2024 and remaining at this rate thereafter.

Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. Increasing the health care cost trend rate by 1% in each future year would increase the accumulated PRMB obligation by \$2.9 million and the aggregate annual service and interest cost by \$218 thousand. Decreasing the health care cost trend rate by 1% in each future year would decrease the accumulated PRMB obligation by \$2.7 million and the aggregate annual service and interest cost by \$197 thousand.

### EXPECTED CONTRIBUTIONS

The Hospitals expect to contribute \$10.4 million to their Pension Plan and \$4.5 million to their PRMB during the fiscal year ending August 31, 2013.

### **EXPECTED BENEFIT PAYMENTS**

The following benefit payments, which reflect expected future service, are expected to be paid for the fiscal years ending August 31, in thousands of dollars:

				T RETIREME ENEFIT PLA			
					EXF	PECTED	
			EXC	LUDING	ME	DICARE	
	STAFF		ME	DICARE	PART D		
YEAR ENDING AUGUST 31	PENSION PLAN		SL	SUBSIDY		SUBSIDY	
2013	\$	10,989	\$	5,052	\$	503	
2014		11,699		5,347		543	
2015		12,495		5,642		586	
2016		13,183		5,917		627	
2017		13,770		6,211		666	
2018 - 2022		75,295		34,218		1,675	

### **INVESTMENT STRATEGY**

The Hospitals' investment strategy for the Pension Plan is to maximize the total rate of return (income and appreciation) within the limits of prudent risk taking and Section 404 of the ERISA. The funds are diversified across asset classes to achieve an optimal balance between risk and return and between income and capital appreciation. Many of the pension liabilities are long-term. The investment horizon is also long-term; however, the investment plan also ensures adequate near-term liquidity to meet benefit payments.

### CONCENTRATION OF RISK

The Hospitals manage a variety of risks, including market, credit, and liquidity risks, across its plan assets. Concentration of risk is defined as an undiversified exposure to one of the above-mentioned risks that increases the exposure of the loss of plan assets unnecessarily. Risk is minimized by diversifying the Hospitals' exposure to such risks across a variety of instruments, markets, and counterparties. As of August 31, 2012, the Hospitals did not have concentrations of risk in any single entity, counterparty, sector, industry or country.

### **PLAN ASSETS**

Actual allocations by asset category at August 31, 2012 and 2011 are as follows:

	STAFF PENSION PLAN				
ASSET CATEGORY	2012	2011			
Cash equivalents	0%	0%			
Public equities	48%	44%			
Fixed income	52%	56%			
Real estate	0%	0%			
TOTAL PORTFOLIO	100%	100%			

The Hospitals' investment policy is to invest in assets that result in a favorable long-term rate of return from a diversified portfolio. For fiscal years 2012 and 2011, the weighted-average target allocations by asset category are as follows:

	STAFF PENSIO	N PLAN
ASSET CATEGORY	2012	2011
Cash equivalents	0% to 4%	<1%
Public equities	28% to 60%	46%
Fixed income	36% to 60%	44%
Real estate	0% to 12%	10%
TARGET PORTFOLIO	100%	100%

### FAIR VALUE OF PLAN ASSETS

Current U.S. GAAP defines a hierarchy of valuation inputs for the determination of the fair value of plan assets as described in *Note 5*. The Pension Plan assets measured at fair value at August 31, 2012 and 2011, in thousands of dollars, are as follows:

		AS OF					
	AUGU	ST 31, 2012	LEVEL 1	LEV	'EL 2	L	EVEL 3
Cash and cash equivalents	\$	902	\$ 902	\$	-	\$	-
Public equities		91,411	91,411		-		-
Fixed income		98,378	98,378		-		-
Other		13	13		-		-
TOTAL FAIR VALUE OF							
PENSION PLAN ASSETS	\$	190,704	\$ 190,704	\$	-	\$	-
							<u> </u>
		AS OF					
	AUGU	ST 31, 2011	LEVEL 1	LEV	EL 2	L	EVEL 3
Cash and cash equivalents	\$	727	\$ 727	\$	-	\$	-
Public equities		70,609	70,609		-		-
Fixed income		88,247	88,247		-		-
TOTAL FAIR VALUE OF							
PENSION PLAN ASSETS	\$	159,583	\$ 159,583	\$	-	\$	-

There were no Level 3 investments in the Pension Plan during the year ended August 31, 2012. The following table presents a reconciliation of beginning and ending balances for Level 3 investments in the Pension Plan for the year ended August 31, 2011, in thousands of dollars:

FAIR VALUE MEASUREMENTS USING SIGNIFICANT	 GINNING ICE AS OF				NE	T REALIZED AND		 IDING CE AS OF
UNOBSERVABLE INPUTS (LEVEL 3)	EMBER 1, 2010	PURC	HASES	 LES AND	U	NREALIZED GAINS	 ISFERS OUT)	JST 31, 2011
Real estate	\$ 7,458	\$	-	\$ (8,256)	\$	798	\$ -	\$ -
TOTAL	\$ 7,458	\$	-	\$ (8,256)	\$	798	\$ -	\$ -

### 18. Operating Leases

The University and the Hospitals lease certain equipment and facilities under operating leases expiring at various dates. Total rental expense under these leases for the years ended August 31, 2012 and 2011 was \$36.4 million and \$32.8 million, respectively, for the University and \$63.6 million and \$50.0 million, respectively, for the Hospitals.

Net minimum future operating lease payments and related present value, assuming a 3.82% discount rate for periods subsequent to August 31, 2012, in thousands of dollars, are as follows:

	M	IINIMUM LEAS	SE PA	YMENTS	PRE	ESENT VALU LEASE PA		
YEAR ENDING AUGUST 31	UN	IVERSITY	Н	OSPITALS	UN	IVERSITY	НС	OSPITALS
2013	\$	23,091	\$	45,783	\$	22,242	\$	44,098
2014		18,548		36,649		17,208		34,002
2015		15,232		29,702		13,612		26,543
2016		14,135		27,473		12,166		23,647
2017		11,500		26,085		9,534		21,626
Thereafter		31,335		101,316		20,620		75,064
TOTAL	\$	113,841	\$	267,008	\$	95,382	\$	224,980

### 19. Related Party Transactions

Members of the University's Board and senior management may, from time to time, be associated, either directly or indirectly, with companies doing business with the University. For senior management, the University requires annual disclosure of significant financial interests in, or employment or consulting relationships with, entities doing business with the University. These annual disclosures cover both senior management and their immediate family members. When such relationships exist, measures are taken to appropriately manage the actual or perceived conflict in the best interests of the University. The University has a written conflict of interest policy that requires, among other things, that no member of the Board can participate in any decision in which he or she (or an immediate family member) has a material financial interest. Each trustee is required to certify compliance with the conflict of interest policy on an annual basis and indicate whether the University does business with an entity in which a trustee has a material financial interest. When such relationships exist, measures are taken to mitigate any actual or perceived conflict, including requiring that such transactions be conducted at arm's length, for good and sufficient consideration, based on terms that are fair and reasonable to and for the benefit of the University, and in accordance with applicable conflict of interest laws. No such associations are considered to be significant.

### 20. Commitments and Contingencies

Management is of the opinion that none of the following commitments and contingencies will have a material adverse effect on the University's consolidated financial position.

### SPONSORED PROJECTS

The University conducts substantial research for the federal government pursuant to contracts and grants from federal agencies and departments. The University records reimbursements of direct and indirect costs (facilities and administrative costs) from grants and contracts as operating revenues. The Office of Naval Research is the University's cognizant federal agency for determining indirect cost rates charged to federally sponsored agreements. It is supported by the Defense Contract Audit Agency, which has the responsibility for auditing direct and indirect charges under those agreements. Costs recovered by the University in support of sponsored research are subject to audit and adjustment. Fringe benefit costs for the fiscal years ended August 31, 2007 to 2012 are still subject to audit. The University does not anticipate that any adjustments will be material to the consolidated financial statements.

### HEALTH CARE

Cost reports filed under the Medicare program for services based upon cost reimbursement are subject to audit. The estimated amounts due to or from the program are reviewed and adjusted annually based upon the status of such audits and subsequent appeals. Differences between final settlements and amounts accrued in previous years are reported as adjustments to "patient care, net" revenue in the year the examination is substantially completed. Medicare cost reports have been audited by the Medicare fiscal intermediary through August 31, 2004 for SHC and August 31, 2010 for LPCH.

The healthcare industry is subject to numerous laws and regulations of federal, state and local governments. Compliance with these laws and regulations can be subject to future government review and interpretation, as well as to regulatory actions unknown or unasserted at this time. Government activity with respect to investigations and allegations concerning possible violations by healthcare providers of regulations could result in the imposition of significant fines and penalties, as well as significant repayments for patient services previously billed. The Hospitals are subject to similar regulatory reviews, and while such reviews may result in repayments and/or civil remedies that could have a material effect on the Hospitals' financial results of operations in a given period, each Hospital's management believes that such repayments and/or civil remedies would not have a material effect on its financial position.

### MEDICAL CENTER RENEWAL PROJECT

In July 2011, the University and Hospitals obtained local approval for a Renewal Project to rebuild SHC and expand LPCH to assure adequate capacity and provide modern, technologically-advanced hospital facilities. The Renewal Project also includes replacement of outdated laboratory facilities at the Stanford SoM and remodeling of Hoover Pavilion.

California's Hospital Seismic Safety Act requires licensed acute care functions to be conducted only in facilities that meet specified seismic safety standards which have varying deadlines. The Renewal Project as approved is also designed to meet these standards and deadlines.

SHC's and LPCH's share of the estimated total cost of the Renewal Project is \$2 billion and \$1.2 billion, respectively. Through August 2012, the Hospitals have recorded \$392 million in construction in progress related to this project. Based on current estimated schedules, management currently projects that the Renewal Project construction will be complete in 2017.

#### LABOR AGREEMENTS

Approximately 11% of the University's, 35% of SHC's and 45% of LPCH's employees are covered under union contract arrangements and are, therefore, subject to labor stoppages when contracts expire. There are currently no expired contracts under these union contract arrangements.

### LITIGATION

The University and the Hospitals are defendants in a number of legal actions. While the final outcome cannot be determined at this time, management is of the opinion that the liability, if any, resulting from these legal actions will not have a material adverse effect on the consolidated financial position.

#### **CONTRACTUAL COMMITMENTS**

At August 31, 2012, the University had contractual obligations of approximately \$358.2 million in connection with major construction projects. Remaining expenditures on construction in progress are estimated to be \$584.7 million, which will be financed with certain unexpended plant funds, gifts and debt.

Commitments on contracts for the construction and remodeling of Hospital facilities were approximately \$651.9 million at August 31, 2012.

As described in *Note 5*, the University is obligated under certain alternative investment agreements to advance additional funding up to specified levels over a period of years.

### **GUARANTEES AND INDEMNIFICATIONS**

The University and the Hospitals enter into mutual indemnification agreements with third parties in the normal course of business. The impact of these agreements is not expected to be material. As a result, no liabilities related to guarantees and indemnifications have been recorded at August 31, 2012.

### 21. Subsequent Events

The University and the Hospitals have evaluated subsequent events for the period from August 31, 2012 through December 12, 2012, the date the consolidated financial statements were available to be issued.

Agency	CFDA Number	Expenditures (Detail)	Expenditures (Subtotal)
RESEARCH AND DEVELOPMENT CLUSTER			
Department of Agriculture	10		\$ 144,736
Department of Defense			
Air Force	12	21,638,822	
Army	12	16,588,657	
Navy	12	17,556,697	
DARPA and Other DOD	12	27,488,242	
Total Department of Defense			83,272,419
Department of Education	84		4,865,644
Department of Commerce	11		930,955
Department of Energy (DOE)			
ARRA-DOE-Renewable Energy Research and Development	81.087	49,236	
ARRA-DOE-Geologic Sequestration Site Characterization	81.132	89,531	
ARRA-DOE-Geologic Sequestration Training and Research Grant Program	81.133	87,113	
ARRA-DOE-Energy Financial Assistance Program	81.135	2,145,895	
Non-ARRA	81	20,347,411	
Total Department of Energy			22,719,187
Environmental Protection Agency	66		689,443
Department of Interior	15		671,078
National Aeronautics and Space Administration (NASA)			
ARRA-NASA_Lockheed Martin	43	328,220	
Non-ARRA	43	20,221,304	
Total National Aeronautics and Space Administration (NASA)			20,549,524
Department of Health and Human Services			
ARRA-NIH	93.701	19,660,059	
ARRA-Centers for Disease Control and Prevention	93.712	2,719	
ARRA-Comparative Effectiveness Research - AHRQ	93.715	2,859,004	
ARRA-Office of Secretary	93.726	115,473	
ARRA-Office of Secretary	93.728	187,227	
ARRA-Contract	93	145,503	
Non-ARRA	93	387,567,093	
Total Department of Health and Human Services			410,537,079
National Science Foundation (NSF)			
ARRA-Trans-NSF Recovery Act Reasearch Support	47.082	9,547,320	
Non-ARRA	47	75,838,295	
Total National Science Foundation (NSF)			85,385,615
Department of Transportation	20		3,043,411
Other Federal Agencies			
Department of Homeland Security	97	1,020,059	
Office of the Director of National Intelligence	99	412,727	
Library of Congress	42.008	272,293	
National Endowment for Humanities (NEH)	45	166,039	
Central Intelligence Agency	99	117,741	
Social Security Administration	96.007	44,995	
U.S. Agency for International Development	98	32,390	
US Civilian Research & Development Foundation	47	12,537	
Total Other Federal Agencies			2,078,780
TOTAL RESEARCH AND DEVELOPMENT CLUSTER			634,887,871
I O HIE NEGEMACH HIGD DE TELOI MENT CEUGIER			034,007,071

Agency STUDENT FINANCIAL AID CLUSTER Department of Education Federal Supplemental Educational Opportunity Grant (FSEOG) Federal Work-Study Program (FWS) Federal Pell Grant Program (PELL) TEACH Grants Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS) Total Department of Health and Human Services	Number 84.007 84.033 84.063 84.379 93.925	(Detail) 751,678 1,686,693 5,143,143 117,660	(Subtotal)	-
Department of Education Federal Supplemental Educational Opportunity Grant (FSEOG) Federal Work-Study Program (FWS) Federal Pell Grant Program (PELL) TEACH Grants Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS)	84.033 84.063 84.379	1,686,693 5,143,143 117,660	7,699	0.173
Federal Supplemental Educational Opportunity Grant (FSEOG) Federal Work-Study Program (FWS) Federal Pell Grant Program (PELL) TEACH Grants Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS)	84.033 84.063 84.379	1,686,693 5,143,143 117,660	7,699	0.173
Federal Work-Study Program (FWS) Federal Pell Grant Program (PELL) TEACH Grants Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS)	84.033 84.063 84.379	1,686,693 5,143,143 117,660	7,699	0 173
Federal Pell Grant Program (PELL) TEACH Grants Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS)	84.063 84.379	5,143,143 117,660	7,699	0 172
TEACH Grants Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS)	84.379	117,660	7,699	0 173
Total Department of Education Department of Health and Human Services Scholarships for Disadvantaged Students (SDS)			7,699	0 172
Scholarships for Disadvantaged Students (SDS)	93.925	43 230		,173
	93.925	43 230		
Total Department of Health and Human Services		45,250		
			43	3,230
TOTAL STUDENT FINANCIAL AID CLUSTER			7,742	2,403
OTHER FEDERAL AWARDS				
Department of Agriculture	10.310		\$ 20	0,401
Department of Defense				
Air Force	12.999	31,665		
Army	12	822,393		
Navy	12	70,053		
DARPA and Other DOD	12	438,790		
Total Department of Defense			1,362	2,902
Department of Education	84		1,888	8,207
Department of Energy (DOE)	81		545	5,350
Environmental Protection Agency	66.514		60	6,272
Department of Interior	15		-	5,294
National Aeronautics and Space Administration (NASA)	43			5,702
Department of Health and Human Services				2,095
Department of Transportation				2,088
Department of Veterans Affairs	64		1,322	2,072
Other Federal Agencies		1 250 005		
Department of State				
The Library of Congress				
Americorps				
Total Other Federal Agencies	47	2,090	2,030	0,347
TOTAL OTHER FEDERAL AWARDS			9,880	0,730
TOTAL FEDERAL EXPENDITURES	ips for Disadvantaged Students (SDS) 93.925 43,230 nent of Health and Human Services DENT FINANCIAL AID CLUSTER FERAL AWARDS griculture 10.310 5 efense 12.999 31,665 12 822,393 12 70.053 12 70.053 12 438,790 1 14 ODefense 12 438,790 1 15 differse 15 ducation 84 nergy (DOE) 81 rection Agency 66.514 terior 15 atics and Space Administration (NASA) 43 ealth and Human Services 93 ransportation 20 eterans Affairs 64 gencies 9 tof of Humanities (NEH) 15 170,797 at of State 19 1.358,006 Historical Publications And Records Commission 89 248,415 Endowment for Humanities (NEH) 45 170,797 arg of Congress 42 180,601 ps 9 46 69,836 an Research & Development Foundation 47 2,690 ral Agencies ER FEDERAL AWARDS			

## Stanford University Schedule of Expenditures of Federal Awards

12.800-FA9550-12-1-0110

12.800-FA9550-12-1-0120

12.800-FA9550-12-1-0190

12.800-FA9550-12-1-0195

12.800-FA9550-12-1-0215

12.800-FA9550-12-1-0252

12.-FA8650-10-C-7020

12.-FA9453-10-C-0220

12.-FA9453-11-C-0011

12.-FA9453-12-C-0217

**Direct Programs Total** 

12.800-FA9550-10-1-0264

For The Year Ended August 31, 2012 Agency CFDA Number and Contract/Pass Through Federal Agency / Pass Through Entity Amount Expended Award RESEARCH AND DEVELOPMENT CLUSTER Department of Agriculture Direct Programs 10.001-58-6631-0-100 United States Department of Agriculture \$ 10.-11-JV-11261937-083 United States Department of Agriculture 10 206-2007-35102-18139 United States Department of Agriculture 10.250-58-4000-1-0064 United States Department of Agriculture 10.255-317K774 United States Department of Agriculture **Direct Programs Total** Department of Agriculture Total Department of Defense (DOD) Air Force **Direct Programs** 12.800-FA9550-07-1-0020 Department of the Air Force 12.800-FA9550-07-1-0537 Department of the Air Force Department of the Air Force 12.800-FA9550-07-1-0537 P00008 12.800-FA9550-08-1-0015 Department of the Air Force 12.800-FA9550-08-1-0306 Department of the Air Force 12.800-FA9550-08-1-0352 Department of the Air Force 12.800-FA9550-08-1-0427 Department of the Air Force 12.800-FA9550-08-1-0480 Department of the Air Force 12.800-FA9550-09-1-0069 Department of the Air Force 12.800-FA9550-09-1-0130 Department of the Air Force 12.800-FA9550-09-1-0143 Department of the Air Force 12.800-FA9550-09-1-0233 Department of the Air Force 12.800-FA9550-09-1-0256 Department of the Air Force 12.800-FA9550-09-1-0306 Department of the Air Force 12.800-FA9550-09-1-0531 Department of the Air Force 12 800-FA9550-09-1-0583 Department of the Air Force 12.800-FA9550-09-1-0677 Department of the Air Force 12.800-FA9550-09-1-0704 Department of the Air Force 12.800-FA9550-10-1-0055 Department of the Air Force 12.800-FA9550-10-1-0100 Department of the Air Force 12.800-FA9550-10-1-0124 Department of the Air Force 12.800-FA9550-10-1-0193 Department of the Air Force 12.800-FA9550-10-1-0194 Department of the Air Force 12.800-FA9550-10-1-0227 Department of the Air Force 12.800-FA9550-10-1-0235 Department of the Air Force Department of the Air Force 12.800-FA9550-10-1-0360 12.800-FA9550-10-1-0401 Department of the Air Force 12.800-FA9550-10-1-0418 Department of the Air Force 12.800-FA9550-10-1-0503 Department of the Air Force 12.800-FA9550-10-1-0539 Department of the Air Force 12.800-FA9550-10-1-0560 Department of the Air Force 12.800-FA9550-11-1-0024 Department of the Air Force 12.800-FA9550-11-1-0111 Department of the Air Force 12.800-FA9550-11-1-0238 Department of the Air Force 12.800-FA9550-11-1-0266 Department of the Air Force 12 800-FA9550-11-1-0289 Department of the Air Force 12.800-FA9550-11-1-0293 Department of the Air Force 12.800-FA9550-12-1-0020 Department of the Air Force 12.800-FA9550-12-1-0024 Department of the Air Force 12.800-FA9550-12-1-0040 Department of the Air Force 12.800-FA9550-12-1-0050 Department of the Air Force

367,816 124,644 598,005 324.661 135,057 168,761 226,250 150.000 116,701 539.387 16,912 235,332 183,827 176,181 82,756 179,867 140 549 215,836 110,827 543,142 71,086 95,458 110,051 49.252 56,955 47.796 102,923 27.110 608,076 675.270 1,286,721 159.172 73,306 17,425,617

81,335

10,378

18.709

3,062

31,252

144,736

144,736

(21)

859,251

828.906

110,111

75.714

1.172

66,832

75,020

58.972

49,166 61.301

70,164 55,538

250,866

1 580 077

1,843,232

1,484,632

346,063

1,608,934

Department of the Air Force

Stanford University Schedule of Expenditures of Federal Awards For The Year Ended August 31, 2012 Agency CFDA Number and Contract/Pass Through

ncy CFDA Number and Contract/Pass Throug Award	h Federal Agency / Pass Through Entity	Amount Expended
Pass-Through Programs From		
1269000533	DOD_Air Force_SRI International	144,
12.800-PO#10312816 FA9550-10-1-0572	DOD_Air Force_University of California, San Diego	536,4
12.800-FP047558-A	DOD_Air Force_University of Chicago	40,
12.800-PO 158867/FA9550-11-1-0217	DOD_Air Force_University of Southern California	215,
12694762Prime FA8650-09-C-5429	DOD_Air_Force_BAE Systems	10,
1250026 Prime AFOSR/PKR3	DOD_Air_Force_Cascade Technologies Inc.	138,
12FA8650-09-C-2009 Mod P00002	DOD_Air_Force_Combustion Science & Engineering Inc	79,
12RS120250	DOD_Air_Force_ERC, Inc.	33
12.800-RC413-G2	DOD_Air_Force_Georgia Institute of Technology	110
12.800-133486-09/FA9550-07-1-0492	DOD_Air_Force_Harvard University	137
12.800-5710003105	DOD_Air_Force_Massachusetts Institute of Technology	46
12SPO 46275PrimeFA9550-10-C-0021	DOD_Air_Force_Microtech Instruments, Inc.	55
12104739	DOD_Air_Force_Polaronyx	75
1250117 Prime FA9550-10-C-0164	DOD_Air_Force_Polaronyx	107
12.800-00001670 PrimeFA9550-09-1-0314	DOD_Air_Force_Princeton University	613
12.800-Sub 1716 PrimeFA9550-09-1-0643	DOD_Air_Force_Princeton University	133
12.800-Sub 1767 PrimeFA9550-09-1-0643	DOD_Air_Force_Princeton University	153
12SU0060/AF070-T026, F2-5051	DOD_Air_Force_Scientific Monitoring Inc.	82
1269-000533	DOD_Air_Force_SRI International	156
12SPO#31043 (AF04-T012)	DOD_Air_Force_Technologies, Inc.	
12.800-A7751/FA9550-09-1-0686	DOD_Air_Force_Texas A & M University	106
12.800-2008-02016-05	DOD_Air_Force_University of Illinois	137
12.800-2010-04904-01/ A1934	DOD_Air_Force_University of Illinois at Urbana Champaign	314
12.800-3001172398 FA9550-08-1-0340	DOD_Air_Force_University of Michigan	68
12.800-0019713 (406200-4)	DOD_Air_Force_University of Pittsburgh	119
12.800-UTA08-816/FA9550-08-1-0394	DOD_Air_Force_University of Texas at Austin	307
12.800-GG11221-133959	DOD_Air_Force_University of Virginia	286
Pass-Through Programs From Total		4,213
r Force Total		21,638

Army

rmy		
Direct Programs		
12.420-W81XWH-05-1-0094	Department of the Army	71
12.420-W81XWH-06-1-0417	Department of the Army	176,970
12.420-W81XWH-08-1-0388	Department of the Army	27,083
12.420-W81XWH-08-1-0787	Department of the Army	7,354
12.420-W81XWH-09-1-0026	Department of the Army	7,500
12.420-W81XWH-09-1-0057	Department of the Army	145,670
12.420-W81XWH-09-1-0310	Department of the Army	47,002
12.420-W81XWH-09-1-0316	Department of the Army	239,332
12.420-W81XWH-09-1-0383	Department of the Army	285,325
12.420-W81XWH-10-1-0240	Department of the Army	98,950
12.420-W81XWH-10-1-0336	Department of the Army	145,635
12.420-W81XWH-10-1-0393	Department of the Army	160,875
12.420-W81XWH-10-1-0428	Department of the Army	252,450
12.420-W81XWH-10-1-0498	Department of the Army	39,279
12.420-W81XWH-10-1-0500	Department of the Army	34,810
12.420-W81XWH-10-1-0506	Department of the Army	160,683
12.420-W81XWH-10-1-0510	Department of the Army	281,149
12.420-W81XWH-10-1-0576	Department of the Army	292,808
12.420-W81XWH-10-1-0616	Department of the Army	34,253
12.420-W81XWH-10-1-0731	Department of the Army	205,819
12.420-W81XWH-10-1-0966	Department of the Army	4,465
12.420-W81XWH-10-1-0970	Department of the Army	13,067
12.420-W81XWH-11-1-0070	Department of the Army	150,008
12.420-W81XWH-11-1-0075	Department of the Army	76,537
12.420-W81XWH-11-1-0087	Department of the Army	169,037
12.420-W81XWH-11-1-0155	Department of the Army	79,208
12.420-W81XWH-11-1-0258	Department of the Army	3,440
12.420-W81XWH-11-1-0287	Department of the Army	1,386,572
12.420-W81XWH-11-1-0364	Department of the Army	170,464
12.420-W81XWH-11-1-0380	Department of the Army	161,278
12.420-W81XWH-11-1-0447	Department of the Army	206,273
12.420-W81XWH-11-1-0602	Department of the Army	210,116
12.420-W81XWH-11-1-0620	Department of the Army	228,592
12.420-W81XWH-11-1-0621	Department of the Army	137,797
12.420-W81XWH-11-1-0788	Department of the Army	75,939

Award	n Federal Agency / Pass Through Entity	Amoun Expende
12.420-W81XWH-11-1-0808	Department of the Army	7
12.420-W81XWH-11-1-0810	Department of the Army	10
12.420-W81XWH-11-2-0004	Department of the Army	90
12.420-W81XWH-12-1-0020	Department of the Army	2
12.420-W81XWH-12-1-0122	Department of the Army	2
12.420-W8IXWH-10-1-0214	Department of the Army	42
12.431-W911NF-07-1-0065	Department of the Army	
12.431-W911NF-08-1-0399	Department of the Army	ç
12.431-W911NF-08-1-0427	Department of the Army	3
12.431-W911NF-09-1-0160	Department of the Army	2
12.431-W911NF-09-1-0508	Department of the Army	23
12.431-W911NF-10-1-0106	Department of the Army	1:
12.431-W911NF-10-1-0125	Department of the Army	1.
12.431-W911NF-10-1-0250	Department of the Army	
12.431-W911NF-10-1-0318	Department of the Army	18
12.431-W911NF-10-1-0337	Department of the Army	14
12.431-W911NF-11-1-0305	Department of the Army	12
12.431-W911NF-11-1-0308	Department of the Army	{
12.431-W911NF-11-1-0342	Department of the Army	23
12.431-W911NF-11-1-0461	Department of the Army	1
12.431-W911NF-11-1-0506		1.
12W912HQ-07-C-0022	Department of the Army	
	Department of the Army	(: 1(
12W912HQ-07-C-0044	Department of the Army	
12W912HQ-07-C-0045	Department of the Army	1
12W912HQ-10-C-0079	Department of the Army	2'
12W912HQ-11-C-0056	Department of the Army	70
Direct Programs Total		10,3
Pass-Through Programs From		
12.420-W81WH 10 2 0012	DOD_Army_Adynxx, Inc.	
12.420-11-653	DOD_Army_Arizona State University	(`
12960150RSUB	DOD_Army_Children Hospital of Philadelphia	(
12.431-W911NF-12-1-0134	DOD_Army_DARPA	
12.431-11-DARPA-1021 Prime No. W991NF-10-1-0395	DOD_Amy_DARPA_Duke University	10
12.431-C10J10834 Prime No. W991NF-10-1-0206	DOD_Army_DARPA_Yale University	
12.420-002	DOD_Army_Denver Research Institute	1
12SPO# 107307	DOD_Army_High Performance Technologies, Inc.	1,18
	DOD_Army_High Performance Technologies, Inc.	
12SPO# 48562		
12SPO# 52136	DOD_Army_High Performance Technologies, Inc.	2,8
12SPO# 52136 1210063-100241	DOD_Army_HRL Laboratories, LLC	2,85
12SPO# 52136 1210063-100241 12868-04	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc	2,8
12SPO# 52136 1210063-100241 12868-04 129827-1	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc.	1
12SPO# 52136 1210063-100241 12868-04	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education	2,8 1
12SPO# 52136 1210063-100241 12868-04 129827-1	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc.	2,8 : 1
12SPO# 52136 1210063-100241 12868-04 129827-1 12.420-WOS0016-01	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education	2,8 10 11 1
12SPO# 52136 1210063-100241 12868-04 129827-1 12.420-WOS0016-01 12107-000050	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education DOD_Army_SRI International	2,8 11 1 1 1 1 1
12SPO# 52136 1210063-100241 12868-04 129827-1 12.420-WOS0016-01 12107-000050 12.431-3713-SU-USA-0124/W911NSF-08-1	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education DOD_Army_SRI International DOD_Army_The Pennsylvania State University	2,8 10 1 1 1 1 1 1
12SPO# 52136 1210063-100241 12868-04 129827-1 12.420-WOS0016-01 12107-000050 12.431-3713-SU-USA-0124/W911NSF-08-1 12.420-00006922/PO# 1608532	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education DOD_Army_SRI International DOD_Army_The Pennsylvania State University DOD_Army_University of California, Berkeley	2,8 10 1 1 1 1 10
12SPO# 52136 1210063-100241 12868-04 129827-1 12.420-WOS0016-01 12107-000050 12.431-3713-SU-USA-0124/W911NSF-08-1 12.420-00006922/PO# 1608532 12.420-00006922W81XWH0910627PO1608532	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education DOD_Army_SRI International DOD_Army_The Pennsylvania State University DOD_Army_University of California, Berkeley DOD_Army_University of California, Berkeley	2,8 : 1 1 : 1 : 1 : 1 : 1
12SPO# 52136 1210063-100241 12868-04 129827-1 12.420-WOS0016-01 12107-000050 12.431-3713-SU-USA-0124/W911NSF-08-1 12.420-00006922/PO# 1608532 12.420-00006922W81XWH0910627PO1608532 12.431-7321/2000011421/W911NF1020059	DOD_Army_HRL Laboratories, LLC DOD_Army_Intelligent Automation Inc DOD_Army_Kazak Composites Inc. DOD_Army_Palo Alto Institute for Research Education DOD_Army_SRI International DOD_Army_The Pennsylvania State University DOD_Army_University of California, Berkeley DOD_Army_University of California, Berkeley DOD_Army_University of California, Berkeley	2,85 2 11 12 12 10 12 18 18 2
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12.300-G-2400-2 PO#P324149

12.300-PO# EP-331697 Prime N00014-07-1-1049

12.300-5710002981 Prime N00014-09-1-0124

12.300-5710002228 N00014-07-1-0749

12.-N66001-10-C-2010

12.300-R7570-G3

12.300-FA8750-12-2-0020

12.300-FA9453-11-1-0248

		Expended
avy		
Direct Programs		
12.300-N00014-06-1-0505	Department of the Navy	426
12.300-N00014-06-1-1036	Department of the Navy	
12.300-N00014-07-1-0747	Department of the Navy	750,
12.300-N00014-08-1-0184	Department of the Navy	
12.300-N00014-08-1-0544	Department of the Navy	2,
12.300-N00014-08-1-0561	Department of the Navy	99,
12.300-N00014-08-1-0713	Department of the Navy	42,
12.300-N00014-08-1-0852	Department of the Navy	8
12.300-N00014-08-1-0878	Department of the Navy	(11
12.300-N00014-08-1-0904	Department of the Navy	10
12.300-N00014-08-1-1196	Department of the Navy	92
12.300-N00014-09-1-0034	Department of the Navy	5,
12.300-N00014-09-1-0072	Department of the Navy	39,
12.300-N00014-09-1-0100	Department of the Navy	11,
12.300-N00014-09-1-0101	Department of the Navy	76,
12.300-N00014-09-1-0106	Department of the Navy	80,
12.300-N00014-09-1-0122	Department of the Navy	40
12.300-N00014-09-1-0202	Department of the Navy	59
12.300-N00014-09-1-0296	Department of the Navy	14
12.300-N00014-09-1-0443	Department of the Navy	28
12.300-N00014-09-1-0681	Department of the Navy	49
12.300-N00014-09-1-0783	Department of the Navy	136
12.300-N00014-09-1-0960	Department of the Navy	(1
12.300-N00014-09-1-0967	Department of the Navy	116
12.300-N00014-10-1-0109	Department of the Navy	143
12.300-N00014-10-1-0236	Department of the Navy	2
12.300-N00014-10-1-0281	Department of the Navy	108,
12.300-N00014-10-1-0291	Department of the Navy	257,
12.300-N00014-10-1-0378	Department of the Navy	50,
12.300-N00014-10-1-0384	Department of the Navy	1,
12.300-N00014-10-1-0430	Department of the Navy	103,
12.300-N00014-10-1-0450	Department of the Navy	114,
12.300-N00014-10-1-0464	Department of the Navy	222
12.300-N00014-10-1-0521	Department of the Navy	232
12.300-N00014-10-1-0599	Department of the Navy	188,
12.300-N00014-11-1-0030	Department of the Navy	356
12.300-N00014-11-1-0067	Department of the Navy	169
12.300-N00014-11-1-0233	Department of the Navy	94, 282,
12.300-N00014-11-1-0244 12.300-N00014-11-1-0276	Department of the Navy	260
	Department of the Navy	
12.300-N00014-11-1-0286 12.300-N00014-11-1-0319	Department of the Navy	337, 131,
12N00014-09-C-0105	Department of the Navy Department of the Navy	759
12N00014-09-C-0535		134,
12.300-N000014-09-0-0555 12.300-N000014-11-1-0911	Department of the Navy	
12.300-N000014-11-1-0911 12.300-N00014-11-1-0396	Department of the Navy Department of the Navy	18, 172,
12.300-N00014-11-1-0538	Department of the Navy	86
12.300-N00014-11-1-0538 12.300-N00014-11-1-0707		
	Department of the Navy Department of the Navy	154 48
12.300-N00014-11-1-0862 12.300-N00014-12-1-0063		
	Department of the Navy	103
12.300-N00014-12-1-0141	Department of the Navy	58
12.300-N00014-99-1-0440	Department of the Navy	(8
12.300-Grant # N00244-12-1-0025	Naval Postgraduate School	28
12.300-N00244-09-1-0063	Naval Postgraduate School	929
12.300-N00244-12-1-0006 Direct Programs Total	Naval Postgraduate School	75 7,339

#### DOD\_Navy\_Colorado State University 16,256 DOD\_Navy\_Defense Advanced Research Projects Agency 7,627,718 DOD\_Navy\_Department of the Air Force 202,074 DOD\_Navy\_Department of the Air Force 60,936 DOD\_Navy\_Georgia Institute of Technology 178,544 DOD\_Navy\_Indiana University (5,241) DOD\_Navy\_Massachusetts Institute of Technology 79,224 DOD\_Navy\_Massachusetts Institute of Technology 49,719

gency (	CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
12.3	300-AE-S-51182 Prime No. N0001411-12-10793	DOD_Navy_Oklahoma State University	38,50
12	-PO # 27316	DOD_Navy_PhotonIC Corp	21,61
12	-PO 27077	DOD_Navy_PhotonIC Corp	319,59
12.3	300-4104-48745	DOD_Navy_Purdue University	16,97
12.3	300-A12078 - N00014-09-1-1029	DOD_Navy_Rensselaer Polytechnic Institute	212,61
12	-0070-S-MC420/N00014-09-C-0813	DOD_Navy_University of California, Los Angeles	69,36
12.3	300-1015 G NA125/ N00014-10-1-0933	DOD_Navy_University of California, Los Angeles	316,64
12.3	300-KK1129 Prime N00014-10-1-0937	DOD_Navy_University of California, Santa Barbara	149,27
12.3	300-KK1139 Prime N00014-11-1-0027	DOD_Navy_University of California, Santa Barbara	22,62
12.3	300-Z882802	DOD_Navy_University Of Maryland At College Park	120,32
12.3	300-Z894101 Prime N00014-09-1-1064	DOD_Navy_University Of Maryland At College Park	365,93
12.3	300-UTA07-381 Prime N00014-07-10758	DOD_Navy_University of Texas at Austin	(72,8
12.3	300-UTA09-000723 Prime N00014-09-1-1054	DOD_Navy_University of Texas at Austin	123,22
12.3	300-UTA11-000389 Prime MN00014-11-1-0382	DOD_Navy_University of Texas at Austin	173,8
12.3	300-CR-19751-430345 Prime N00014-08-1-0654	DOD_Navy_Virginia Polytechnic and State University	5,75
12	-UTA11-000573	DOD_SERDP_University of Texas at Austin	124,9
Pass-	-Through Programs From Total		10,217,6
Navy Tota	al		17,556,69
	nd Other DOD		
	t <b>Programs</b> 910-D10AP00107	Defense Advanced Research Projects Agency	1,428,38
12.9	910-D11AP00248	Defense Advanced Research Projects Agency	37,73
12.9	910-D11AP00274	Defense Advanced Research Projects Agency	62,82
12.9	910-HR0011-06-1-0049	Defense Advanced Research Projects Agency	
12.9	910-HR0011-08-1-0057	Defense Advanced Research Projects Agency	(1,8
12.9	910-HR0011-08-1-0091 REV-4	Defense Advanced Research Projects Agency	298,5
12.9	910-HR0011-10-1-0058	Defense Advanced Research Projects Agency	1,189,6
12.9	910-HR0011-11-2-0002	Defense Advanced Research Projects Agency	586,2
12.9	910-N10AP20023	Defense Advanced Research Projects Agency	15,0
	910-N10AP20035	Defense Advanced Research Projects Agency	20,79
	910-N66001-12-1-4198	Defense Advanced Research Projects Agency	15,23
	910-N66001-12-1-4260	Defense Advanced Research Projects Agency	11,9
	-HR0011-11-C-0007	Defense Advanced Research Projects Agency	758,13
	-HR0011-12-C-0080	Defense Advanced Research Projects Agency	90,5
	910-MDA972-00-1-0032	Defense Advanced Research Projects Agency	(38
	-HR0011-12-C-0057	Defense Advanced Research Projects Agency	50,60
	-W911QX-12-C-0018	Defense Advanced Research Projects Agency	223,8
	351-HDTRA1-07-1-0009		223,0
		Defense Threat Reduction Agency (DTRA) Defense Threat Reduction Agency (DTRA)	
	351-HDTRA1-08-1-0010	5 5 7 7	214,7
	351-HDTRA1-09-1-0024	Defense Threat Reduction Agency (DTRA)	177,9
	351-HDTRA1-10-1-0027	Defense Threat Reduction Agency (DTRA)	507,8
	351-HDTRA1-10-1-0115	Defense Threat Reduction Agency (DTRA)	65,5
	351-HDTRA1-11-1-0058	Defense Threat Reduction Agency (DTRA)	2,020,3
	351-HDTRA1-11-1-0008	Defense Threat Reduction Agency (DTRA)	225,2
	-HDTRA1-06-C-0039	Defense Threat Reduction Agency (DTRA)	277,6
	630-HM1582-08-1-0040	National Geospatial_Intelligence Agency	40,4
	901-H98230-11-1-0194	National Security Agency	18,4
12	-H98230-08-C-0268	National Security Agency	247,6
	-H98230-08-C-0272 :t Programs Total	National Security Agency	35,11 8,695,5
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	-Through Programs From 910-N66001-12-1-4011	DOD_DARPA_Department of the Navy	127,28
	910-N66001-12-1-4011 910-N66001-12-1-4233	DOD_DARPA_Department of the Navy	78,7
	-ST081-015/PO#728496	DOD_DARPA_Agiltron	207,8
	910-1190029-276707 SC001 000000405	DOD_DARPA_Carnegie Mellon University	95,1
	-SC001-0000000405	DOD_DARPA_Charles Stark Draper Laboratory	(3,4
	-Subcontract PO # SC001-552	DOD_DARPA_Charles Stark Draper Laboratory	135,8
	910-FA8650-10-1-7007	DOD_DARPA_Department of the Air Force	9,2
	910-FA8650-10-1-7044	DOD_DARPA_Department of the Air Force	76,0
	910-FA9550-12-1-0411	DOD_DARPA_Department of the Air Force	48,0
	910-W91CRB-10-1-0001	DOD_DARPA_Department of the Army	76,8
	910-N66001-04-1-8916	DOD_DARPA_Department of the Navy	
12.9	910-N66001-06-1-2030	DOD_DARPA_Department of the Navy	(23,24
	910-N66001-09-1-2016	DOD_DARPA_Department of the Navy	48
12.9			
	910-N66001-09-1-2024	DOD_DARPA_Department of the Navy	482,43

y CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
12.910-N66001-10-1-4004	DOD_DARPA_Department of the Navy	1,189,0
12.910-N66001-10-1-4021	DOD_DARPA_Department of the Navy	111,8
12.910-N66001-10-1-4057	DOD_DARPA_Department of the Navy	
12.910-N66001-10-1-4094	DOD_DARPA_Department of the Navy	501,7
12.910-N66001-10-2-4088	DOD_DARPA_Department of the Navy	514,8
12.910-N66001-11-1-4106	DOD_DARPA_Department of the Navy	832,4
12.910-N66001-11-1-4131		140,8
	DOD_DARPA_Department of the Navy	
123130220 Prime N66001-09-C-2082	DOD_DARPA_Duke University	152,4
12B-12-M06-S1	DOD_DARPA_Georgia Institute of Technology	(5,5
12RA306-S2	DOD_DARPA_Georgia Institute of Technology	1,066,4
12FE 01 19 12	DOD_DARPA_Group4 Labs, Inc.	52,
12N6601-12-C-4178 PO#4204556987E	DOD_DARPA_Honeywell Corporation	170,
121137759-101-GHBWD	DOD_DARPA_HRL Laboratories, LLC	58,
12SUBCONTRACT NO: 8036-101270	DOD_DARPA_HRL Laboratories, LLC	303,
124911029889 PO:5004077242	DOD_DARPA_International Business Machines Corporation	45,
12PO 5003945478	DOD_DARPA_International Business Machines Corporation	197,
12W0853747 P.O. #5003721954	DOD_DARPA_International Business Machines Corporation	
124911028169/ PO#5004098484 Prime DARPA HR0011-12-		306,
12K000193-S14	DOD DARPA Kitware, Inc.	66,
121041388-237984 Prime No. 2009-CT-2047	DOD_DARPA_MARCO_Carnegie Mellon University	972,
125710002717 Prime 2009-MT-2051	DOD_DARPA_MARCO_Massachusetts Institute of Technology	787,
1200001758 Prime 2009-DT-2049	DOD_DARPA_MARCO_Princeton University	405,
12SA00007006	DOD_DARPA_MARCO_University of California, Berkeley	84,
120160 G GB761/2003-NT-1107	DOD_DARPA_MARCO_University of California, Los Angeles	
120160 S NA739/2009-NT-2048	DOD_DARPA_MARCO_University of California, Los Angeles	70,
120160 S NA740/2009-NT-2048	DOD_DARPA_MARCO_University of California, Los Angeles	68,
124-442521-77714 SubK:0160SMB958	DOD_DARPA_MARCO_University of California, Los Angeles	109,
12.910-5710002916 Prime N66001-10-21-4089	DOD_DARPA_Massachusetts Institute of Technology	269,
12.910-00007531 Prime N66001-11-1-4026	DOD_DARPA_Navy_University of California, Berkeley	181,
12.910-2010-2476 Prime N66001-10-1-4003	DOD_DARPA_Navy_University of California, Irvine	37,
127600011363	DOD_DARPA_Northrop Grumman	6,
12US1032821	DOD_DARPA_Oracle	36,0
12US1219323	DOD_DARPA_Oracle	253,
12US1226344	DOD_DARPA_Oracle	70,
12.910-Sub 1774 Prime HR011-09-1-0055	DOD_DARPA_Princeton University	2,3
	-	
12PO 4400437139	DOD_DARPA_Raytheon Company	29,
12PO#: 4500073633/RFMD-12-C-0002	DOD_DARPA_RF Micro Devices, Inc.	55,
121045108 Prime 806OAC (01-06)	DOD_DARPA_Sandia National Laboratories	169,
121162454	DOD_DARPA_Sandia National Laboratories	144,
12PO10070012	DOD_DARPA_Scientific Applications International Corporation	5,
12.910-N66001-11-1-4105	DOD_DARPA_Space and Naval Warfare Systems Center	1,857,
12.910-N66001-11-1-4111	DOD_DARPA_Space and Naval Warfare Systems Center	1,470,
12.910-N66001-11-1-4199	DOD_DARPA_Space and Naval Warfare Systems Center	523,
12116-000006	DOD_DARPA_SRI International	307,
1227-001342 Release 1	DOD_DARPA_SRI International	1.092.
12SubContract # 27-001395	DOD_DARPA_SRI International	379,
12W31P4Q-06-C-0462	DOD DARPA Tanner Research, Inc.	
		(5,
12.910-0157 G PA103/4-442651-WK-21263	DOD_DARPA_University of California, Los Angeles	217,
12.910-UCSD PO# 10311923 - SUB	DOD_DARPA_University of California, San Diego	76,
126814sc	DOD_DARPA_University of California, San Francisco	459,
12.910-45634-B Prime N66001-10-1-4060	DOD_DARPA_University of Chicago	219,
12157330 Prime DARPA HR0011-11-C-0067	DOD_DARPA_University of Southern California	222,
12PO# 4440160018	DOD_DSCA_Government of Israel Ministry of Defense	135,
12#D664E SPO 41196 Prime HDTRA1-07-9-0001	DOD_DTRA_Novartis Vaccines and Diagnostics	(8,
12.351-4643-SU-DTRA-0026	DOD_DTRA_The Pennsylvania State University	27,
12K000139-S03	DOD_IARPA_Kitware, Inc.	32,
12K000139-S03-2	DOD_IARPA_Kitware, Inc.	67,
12.630-W911NF-07-1-0029	DOD_Office of the Secretary of Defense_Army_Defense Advanced Research Projects Agency	711,
12.630-FA9550-04-1-0075	DOD_Office of the Secretary of Defense_Department of the Air Force	(
12.630-13765168/PO9500009862	DOD_Office of the Secretary of Defense_The Pennsylvania State University	106,8
12.630-4057-SU-BBN-0053/13765168	DOD_Office of the Secretary of Defense_The Pennsylvania State University	33,
Pass-Through Programs From Total		18,792,

Agency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
Department of Education		
Direct Programs		
84.116-P116S080001	United States Department of Education	49,54
84.305A-R305A100574	United States Department of Education	335,67
84.305A-R305A110670	United States Department of Education	104,53
84.305A-R305A110864	United States Department of Education	367,72
84.305-R305A080464	United States Department of Education	549,80
84.305-R305A100120	United States Department of Education	592,23
84.305-R305A100286	United States Department of Education	359,4
84.305-R305B060010	United States Department of Education	(13,1
84.305-R305B070016	United States Department of Education	212,3
84.305-R305B090016		777,1
84.305-R305D110018-12	United States Department of Education	203,6
	United States Department of Education	
84.365Z-T365Z120130 Direct Programs Total	United States Department of Education	40,6
Pass-Through Programs From		
84.305-R305A100105/PO# 0000055867	Dept of Ed_Educational Testing Service	90,12
84.305-RDD/RD305D1000027	Dept of Ed_Manpower Demonstration Research Corporation	53,0
84058411	Dept of Ed_lowa Department of Education	113,5
84.396B-51828	Dept of Ed_New Schools for New Orleans	518,7
84.324A-51-001229	Dept of Ed_SRI INTERNATIONAL	18,08
84.305-R305F100026	Dept of Ed_Strategic Education Research Partnership Institute	225,9
84.367-NCLB8-CFLP-STANFORD	Dept of Ed_University of California Office of the President	114,1
84.305-AGMT# 00007279/PO# 2000011111	Dept of Ed_University of California, Berkeley	92,9
84.305A-SO183504	Dept of Ed_University of California, Santa Cruz	29,6
84.350A-U350A110056-1	Dept of Ed_University of San Francisco	29,8
Pass-Through Programs From Total	· - ·	1,286,10
Department of Education Total		4,865,64
Direct Programs 11.609-60NANB10D268 11.609-60NANB11D129 11.431-NA110AR4310095 11.431-NA110AR4310136 11RA133F11SE3144 11.460-NA10NOS4730199 Direct Programs Total Pass-Through Programs From	National Institute of Standards & Technology National Institute of Standards & Technology National Oceanic and Atmospheric Administration National Oceanic and Atmospheric Administration National Oceanic and Atmospheric Administration	(97 33,27 16,85 119,41 17,98 31,36 217,92
11FY12-A01-4206	NIST_University Research Corporation	99,69
111050-STANFORD	NOAA_Industrial Economics, Inc.	134,20
112010NRDA-STANFORD	NOAA_Monterey Bay Aquarium	125,9
11S087-2S-1772 Project #S087-120	NOAA_Stratus Consulting, Inc	323,1
11.012-S0183642	NOAA_University of California, Santa Cruz	29,9
Pass-Through Programs From Total		713,03
Department of Commerce Total		930,9
Department of Energy (DOE) ARRA		
Direct Programs		
81.135-DE-AR0000018	ARRA_Dept. of Energy	1,739,2
81.135-DE-AR0000069	ARRA_Dept. of Energy	406,68
81.133-DE-FE0002190	ARRA_U.S. Department of Energy	87,1
Direct Programs Total		2,233,00
Pass-Through Programs From	ADDA DOE Paico State University	10.0
81.087-014G106215-E/DE-EE0001120	ARRA_DOE_Boise State University	49,2
81.132-SPO 46966 DE-FE0001997	ARRA_DOE_North American Power Group, Ltd.	89,5
Pass-Through Programs From Total		138,76
ARRA Total		2,371,7

81.-Subcontract No. 6951379

81.-B588990

81.-B590746

ncy CFDA Number and Contract/Pass Th Award	rough Federal Agency / Pass Through Entity	Amount Expended
Non-ARRA		
Direct Programs		
81.039-DE-EI0000065	U.S. Department of Energy	199,8
81.049-DE-FC02-06ER25787	U.S. Department of Energy	83,4
81.049-DE-FG01-06EI38110	U.S. Department of Energy	8
81.049-DE-FG02-03ER15423	U.S. Department of Energy	180,8
81.049-DE-FG02-03ER15454	U.S. Department of Energy	131,5
81.049-DE-FG02-03ER41276	U.S. Department of Energy	184,9
81.049-DE-FG02-04ER15588	U.S. Department of Energy	240,6
81.049-DE-FG02-04ER41295	U.S. Department of Energy	1,235,
81.049-DE-FG02-04ER46163	U.S. Department of Energy	172,
81.049-DE-FG02-05ER64136	U.S. Department of Energy	(1,
81.049-DE-FG02-06ER46287	U.S. Department of Energy	3,
81.049-DE-FG02-07ER15892	U.S. Department of Energy	193,3
81.049-DE-FG02-07ER46391	U.S. Department of Energy	221,6
81.049-DE-FG02-07ER46426	U.S. Department of Energy	393,4
81.049-DE-FG02-08ER15990	U.S. Department of Energy	21,4
81.049-DE-FG02-88ER13857	U.S. Department of Energy	111,4
81.049-DE-FG02-95ER62051	U.S. Department of Energy	168,
81.049-DE-FG29-02AL68086	U.S. Department of Energy	205,
81.049-DE-SC0001060	U.S. Department of Energy	3,863,
81.049-DE-SC0001483	U.S. Department of Energy	43,
81.049-DE-SC0001837	U.S. Department of Energy	59,2
81.049-DE-SC0002009	U.S. Department of Energy	475,0
81.049-DE-SC0002010	U.S. Department of Energy	299,0
81.049-DE-SC0004782	U.S. Department of Energy	275,
81.049-DE-SC0005171	U.S. Department of Energy	1,139,
81.049-DE-SC0005290	U.S. Department of Energy	234,
81.049-DE-SC0005384	U.S. Department of Energy	195,
81.049-DE-SC0005385	U.S. Department of Energy	258,
81.049-DE-SC0005430	U.S. Department of Energy	127,
81.049-DE-SC0006770	U.S. Department of Energy	71,
81.049-DE-SC0006772	U.S. Department of Energy	184,
81.049-DE-SC0006783	U.S. Department of Energy	207,
81.049-DE-SC0007773	U.S. Department of Energy	207, 244,
81.049-DE-SC0008169	U.S. Department of Energy	244,
81.064-DE-FG03-84ER13251		274,
	U.S. Department of Energy	
81.087-DE-EE0004946	U.S. Department of Energy	706,
81.087-DE-EE0005331	U.S. Department of Energy	71,
81.087-DE-EE0005516	U.S. Department of Energy	104,
81.087-DE-FC36-05GO15061	U.S. Department of Energy	11
81.087-DE-FG36-08GO18004	U.S. Department of Energy	11,
81.087-DE-FG36-08GO18005	U.S. Department of Energy	21,
81.087-DE-FG36-08GO18192	U.S. Department of Energy	122,
81.089-DE-FE0001159	U.S. Department of Energy	242,
81.089-DE-FE0001180	U.S. Department of Energy	231,
81.089-DE-FE0005372	U.S. Department of Energy	128,
81.049-DE-FG02-06ER25726	U.S. Department of Energy	82,
81.089-DE-FE004731	U.S. Department of Energy	370,
81.113-DE-FC52-08NA28614	U.S. Department of Energy	3,505,
81.113-DE-FG52-10NA29789	U.S. Department of Energy	56,
Direct Programs Total		17,399,
Pass-Through Programs From		
81USMMM54TK6	U.S. DOE_3M COMPANY	215,
81.049-SPO 45777	U.S. DOE_AdValue Photonics, Inc.	(2,
811F-31801	U.S. DOE_ARGONNE NATIONAL LABORATORY	23,
814000060130	U.S. DOE_Battelle	51,
814-10114-07	U.S. DOE_Carnegie Institution of Washington	117,
814-3253-06	U.S. DOE_Carnegie Institution of Washington	47,
81PO. No. 592791	U.S. DOE_Fermi National Accelerator Laboratory	123,
81.049-212600589 DE-FG02-07ER46461	U.S. DOE_Florida International University	27,
81.809-S238	U.S. DOE_Gas Technology Institute	89,
81.049-PO# 400030268	U.S. DOE_GE Global Research	132,
816925487	U.S. DOE_Lawrence Berkeley Laboratories, University of California	102,
81 -Subcontract No. 6951379	U.S. DOF Lawrence Berkelev Laboratories, University of California	173 (

U.S. DOE\_Lawrence Berkeley Laboratories, University of California

U.S. DOE\_Lawrence Livermore National Laboratory

U.S. DOE\_Lawrence Livermore National Laboratory

173,058

33,908

10,163

gency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
81B591205	U.S. DOE_Lawrence Livermore National Laboratory	66,02
81B591383	U.S. DOE_Lawrence Livermore National Laboratory	32,13
81B592701	U.S. DOE_Lawrence Livermore National Laboratory	51,76
81B593817	U.S. DOE_Lawrence Livermore National Laboratory	11,73
81B594620	U.S. DOE_Lawrence Livermore National Laboratory	93,97
81B594621	U.S. DOE_Lawrence Livermore National Laboratory	36,21
81B597160	U.S. DOE_Lawrence Livermore National Laboratory	34,88
81B597952	U.S. DOE_Lawrence Livermore National Laboratory	43,55
81P.O. B594504 81169032-1	U.S. DOE_Lawrence Livermore National Laboratory U.S. DOE_Los Alamos National Laboratories, University of California	52,95 49,36
81173115-1	U.S. DOE_LOS Alamos National Laboratories, University of California U.S. DOE_Los Alamos National Laboratories, University of California	49,30
81177924 143981-1	U.S. DOE_Los Alamos National Laboratories, University of California	33,80
8181741-001-10	U.S. DOE_Los Alamos National Laboratories, University of California	140,32
81ZFT-9-99348-01	U.S. DOE_MRI_National Renewable Energy Laboratory	44,21
81UGA-0-41028-01	U.S. DOE_National Renewable Energy Laboratory	(3,17
8179506 Prime DE-AC05-76RL01830	U.S. DOE_Pacific Northwest National Laboratory	1,24
81.049-00001698 Prime DE-SC0001198	U.S. DOE_Princeton University	140,76
8107122-29	U.S. DOE Research Partnership to Secure Energy for America	(2,11
81.087-4500935647	U.S. DOE_Robert Bosch Corporation	254,82
81.087-4500935648	U.S. DOE_Robert Bosch Corporation	134,92
811049973	U.S. DOE_Sandia National Laboratories	47,51
811076686	U.S. DOE_Sandia National Laboratories	13
811134180	U.S. DOE_Sandia National Laboratories	32,47
811248847	U.S. DOE_Sandia National Laboratories	11,80
81942017	U.S. DOE_Sandia National Laboratories	(15
81AGB-2-11473-01	U.S. DOE_Sandia National Laboratories	4,28
81PO # 1131031	U.S. DOE_Sandia National Laboratories	45,48
81PO # 1193365	U.S. DOE_Sandia National Laboratories	51,92
81PO 1093241	U.S. DOE_Sandia National Laboratories	105,32
81PO# 1189969	U.S. DOE_Sandia National Laboratories	58,89
81.049-SUB 019019-STANFORD	U.S. DOE_University of California, Davis	18,32
81.087-UNR Acct# 1320 114 16AL	U.S. DOE_University of Nevada Reno	39,22
81.049-100540	U.S. DOE_Vista Clara Inc.	94,02
Pass-Through Programs From Total		2,947,55
Non-ARRA Total epartment of Energy (DOE) Total		20,347,41 22,719,18
invironmental Protection Agency Direct Programs		
66.034-XA83376701	U.S. Environmental Protection Agency	151,83
66.509-RD-83337101	U.S. Environmental Protection Agency	45,30
66.509-RD-83478601	U.S. Environmental Protection Agency	72,45
66.516-SU-83472701	U.S. Environmental Protection Agency	(31
66.516-SU-83476101-0	U.S. Environmental Protection Agency	(28
66.516-SU-83506801	U.S. Environmental Protection Agency	11,23
66.611-PI-83425701-0	U.S. Environmental Protection Agency	9,14
66EP10C000233	U.S. Environmental Protection Agency	70,29
Direct Programs Total		359,66
Pass-Through Programs From	U.S. EDA. Clomeon University	24.00
66.509-1369-218-2007610	U.S. EPA_Clemson University	34,00 235,58
66.509-00007226,PO2000018564 66.509-20090312901	U.S. EPA_University of California, Berkeley U.S. EPA_University of Illinois at Urbana Champaign	235,58
Pass-Through Programs From Total	0.5. Er A_oniversity of himors at orbana champaign	329,78
nvironmental Protection Agency Total		689,44
epartment of Interior		
Direct Programs		
15.807-G10AP00009	U.S. Geological Survey	5,08
15.807-G10AP00016	U.S. Geological Survey	33,62
15.807-G11AP20014	U.S. Geological Survey	5,7
15.807-G11AP20047	U.S. Geological Survey	58,32
15.808-G08AC00027 (Former 08ERAG0053)	U.S. Geological Survey	221,82
15.808-G09AC00361	U.S. Geological Survey	5,53
15.808-G10AC00244	U.S. Geological Survey	19,55
15.808-G11AC00244 15.808-G11AC90020	U.S. Geological Survey	155,59

gency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
15.512-R12AC20005	United States Department of the Interior	125,9
15.807-G12AP20030	United States Department of the Interior	30,3
15.810-G12AC20189	United States Department of the Interior	9,5
Direct Programs Total	· · · · · · · · · · · · · · · · · · ·	671,0
epartment of Interior Total		671,0
ational Aeronautics and Space Administration (NASA)		
ARRA Pass-Through Programs From		
43XF3223200E/NNC10CA02C	ARRA_NASA_Lockheed Martin	328,2
Pass-Through Programs From Total		328,2
ARRA Total		328,2
Non-ARRA		
Direct Programs		
43.001-NNX07AB92A	National Aeronautics and Space Administration	206,3
43.001-NNX07AC94A	·	12,2
	National Aeronautics and Space Administration	
43.001-NNX09AN67G	National Aeronautics and Space Administration	101,7
43.001-NNX10AC06G	National Aeronautics and Space Administration	104,8
43.001-NNX10AF42G	National Aeronautics and Space Administration	659,2
43.001-NNX10AV12A	National Aeronautics and Space Administration	219,
43.001-NNX11AB55G	National Aeronautics and Space Administration	59,
43.001-NNX11AF08G	National Aeronautics and Space Administration	223,
43.001-NNX11AH18G	National Aeronautics and Space Administration	14,
43.001-NNX11AM31A	National Aeronautics and Space Administration	121,
43.001-NNX11AO14G	National Aeronautics and Space Administration	79,
43.001-NNX11AO21G	National Aeronautics and Space Administration	25,
	·	
43.001-NNX11AO39G	National Aeronautics and Space Administration	70,
43.001-NNX11AO42G	National Aeronautics and Space Administration	75,
43.001-NNX11AO44G	National Aeronautics and Space Administration	35,
43.001-NNX11AO68G	National Aeronautics and Space Administration	48,
43.001-NNX11AO84G	National Aeronautics and Space Administration	13,
43.001-NNX11AO90G	National Aeronautics and Space Administration	23,
43.001-NNX11AQ05G	National Aeronautics and Space Administration	92,
43.001-NNX11AQ06G	National Aeronautics and Space Administration	39,
43.001-NNX11AR62G	National Aeronautics and Space Administration	569,
43.001-NNX12AB45G	National Aeronautics and Space Administration	35,
43.001-NNX12AB64G		
	National Aeronautics and Space Administration	48,
43.001-NNX12AB96G	National Aeronautics and Space Administration	14,
43.001-NNX12AE48G	National Aeronautics and Space Administration	13,
43.001-NNX12AL45A	National Aeronautics and Space Administration	33,
43.002-NNA07CN81A	National Aeronautics and Space Administration	132,
43.002-NNX07AC72A	National Aeronautics and Space Administration	172,
43.002-NNX08AC08A	National Aeronautics and Space Administration	48,
43.002-NNX08AG47G	National Aeronautics and Space Administration	43,
43.002-NNX11AI41A	National Aeronautics and Space Administration	161,
43.002-NNX11AI60A	National Aeronautics and Space Administration	244,
43.002-NNX11AK06A	National Aeronautics and Space Administration	249
43.002-NNX11AR04A	National Aeronautics and Space Administration	
		30,
43.009-NNX12AC44A	National Aeronautics and Space Administration	50,
43.009-NNX12AF69A	National Aeronautics and Space Administration	49
43.009-NNX12AIO7G	National Aeronautics and Space Administration	15,
43.009-NNX12AK86G	National Aeronautics and Space Administration	10,
43.AAA-NNX07AB90A	National Aeronautics and Space Administration	221,
43.AAA-NNX07AE11A	National Aeronautics and Space Administration	88
43.AAA-NNX07AP61G	National Aeronautics and Space Administration	
43.AAA-NNX07AR50G	National Aeronautics and Space Administration	79
43.AAA-NNX08AJ12G	National Aeronautics and Space Administration	45,
43.AAA-NNX08AV25G	National Aeronautics and Space Administration	48,
43.AAA-NNX09AB10G	National Aeronautics and Space Administration	100,
43.AAA-NNX09AC15G	National Aeronautics and Space Administration	244,
43.AAA-NNX09AD83G	National Aeronautics and Space Administration	71,
43.AAA-NNX09AE30G	National Aeronautics and Space Administration	46,
43.AAA-NNX09AE60G	National Aeronautics and Space Administration	
43.AAA-NNX09AG81G	National Aeronautics and Space Administration	169,
43.AAA-NNX09AI90G	National Aeronautics and Space Administration	336,
43.AAA-NNX09AI90G 43.AAA-NNX09AK67G		
40.000-00000000000000000000000000000000	National Aeronautics and Space Administration	104,
43.AAA-NNX09AR95G	National Aeronautics and Space Administration	147,9

cy CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
43.AAA-NNX09AT36G	National Aeronautics and Space Administration	378,166
43.AAA-NNX09AT92G	National Aeronautics and Space Administration	(68)
43.AAA-NNX09AV64G	National Aeronautics and Space Administration	10,319
43.AAA-NNX09AW10G	National Aeronautics and Space Administration	(1,219)
43.AAA-NNX09AW13G	National Aeronautics and Space Administration	359,414
43.AAA-NNX10AB63G	National Aeronautics and Space Administration	63,886
43.AAA-NNX10AB64A	National Aeronautics and Space Administration	9,815
43.AAA-NNX10AC55G	National Aeronautics and Space Administration	190,295
43.AAA-NNX10AD12G	National Aeronautics and Space Administration	12,616
43.AAA-NNX10AD13G	National Aeronautics and Space Administration	17,603
43.AAA-NNX10AE22G	National Aeronautics and Space Administration	99,094
43.AAA-NNX10AE78G 43.AAA-NNX10AG11G	National Aeronautics and Space Administration National Aeronautics and Space Administration	201,965 3,984
43.AAA-NNX10AJ54G	National Aeronautics and Space Administration	27,424
43.AAA-NNX10AM90A	National Aeronautics and Space Administration	325,162
43.AAA-NNX10A075G	National Aeronautics and Space Administration	82,223
43.AAA-NNX10AP21G	National Aeronautics and Space Administration	11,525
43.AAA-NNX10AP22G	National Aeronautics and Space Administration	5,825
43.AAA-NNX10AP65G	National Aeronautics and Space Administration	18,870
43.AAA-NNX10AP68G	National Aeronautics and Space Administration	11,542
43.AAA-NNX10AP69G	National Aeronautics and Space Administration	45,686
43.AAA-NNX10AP72G	National Aeronautics and Space Administration	11,172
43.AAA-NNX10AP74G	National Aeronautics and Space Administration	199,624
43.AAA-NNX10AP82G	National Aeronautics and Space Administration	61,598
43.AAA-NNX10AR43G	National Aeronautics and Space Administration	19,279
43.AAA-NNX10AR48G	National Aeronautics and Space Administration	52,107
43.AAA-NNX10AR50G	National Aeronautics and Space Administration	(2,022)
43.AAA-NNX10AU09G	National Aeronautics and Space Administration	15,733
43.AAA-NNX10AU12G	National Aeronautics and Space Administration	7,781
43.AAA-NNX12AC71G	National Aeronautics and Space Administration	80,035
43AB-133F-12-SE-1391	National Aeronautics and Space Administration	7,851
43NAS5-00147	National Aeronautics and Space Administration	2,910,363
43NAS5-02139	National Aeronautics and Space Administration	6,193,370
43NNA12AA57P	National Aeronautics and Space Administration	20,258
43NNX12AE74G	National Aeronautics and Space Administration	6,346
Direct Programs Total		17,315,973
Pass-Through Programs From		
4352201	NASA_ADVR INC	213,639
43.AAA-4-10052-1014	NASA_Carnegie Institution	75,741
43.001-GO2-13139X	NASA_ERC INC	8,840
43STR100137 CHRIS DATEO	NASA ERC INC	04.470
	-	34,470
431217744	NASA_Jet Propulsion Laboratory	180,711
431217744 431357386 Task NM0711048	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087
431217744 431357386 Task NM0711048 431403850	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40)
431217744 431357386 Task NM0711048 431403850 431416721	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40) 76,362
431217744 431357386 Task NM0711048 431403850 431416721 431430974	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40) 76,362 1,047
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40) 76,362 1,047 33,268
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40) 76,362 1,047 33,268 8,182
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No,. 1381319	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431458931 431463007 43RSA no. 1439524 43Subaward No,. 1381319 438100003279	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc.	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No,. 1381319 438100003279 43Sub 8100000791 Line 2	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Let Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc.	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No. 1381319 438100003279 43Sub 8100000791 Line 2 43Sub 81000003073 PrimeNNG09FA40C	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc.	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No 1381319 438100003279 43Sub 8100003079 Line 2 43Sub 8100003073 PrimeNNG09FA40C 43.CCC-5710002106	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc.	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19)
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No,. 1381319 438100003279 43Sub 8100003079 Line 2 43Sub 8100003073 PrimeNNG09FA40C 43.CCC-5710002106 43SU05NJ01	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Massachusetts Institute of Technology NASA_Metrolaser Inc	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431458931 431458007 43RSA no. 1439524 43Subaward No,. 1381319 438100003279 43Sub 8100000791 Line 2 43Sub 81000003073 PrimeNNG09FA40C 43.CCC-5710002106 43SU05NJ01 43NWRA-09-S-125	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Massachusetts Institute of Technology NASA_Metrolaser Inc NASA_NorthWest Research Associates	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431458931 431458931 431458037 43RSA no. 1439524 43Subaward No,. 1381319 438100003279 43Sub 8100003079 Line 2 43Sub 8100003073 PrimeNNG09FA40C 43.CCC-5710002106 43SU05NJ01 43NWRA-09-S-125 43WWRA-09-S-125 434400151392 Prime NHH07CC69C	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Massachusetts Institute of Technology NASA_Metrolaser Inc NASA_NorthWest Research Associates NASA_Scientific Applications International Corporation	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431458931 431458931 431458931 43Suba924 43Suba924 43Sub8100003279 43Sub8100003279 43Sub8100003073 PrimeNNG09FA40C 43CC-5710002106 43SU05NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43FF9-00070	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Massachusetts Institute of Technology NASA_Metrolaser Inc NASA_NorthWest Research Associates NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431458931 431458931 431458931 43Subaward No, 1381319 43Subaward No, 1381319 43Subaward No, 1381319 43Subaward No, 1381319 43Sub 8100003279 43Sub 810000379 Line 2 43Sub 810000379 Line 2 43Sub 8100003079 Line 2 43Sub 8100003079 Line 2 43Sub 810000379 PrimeNNG09FA40C 43SU05NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43DF9-00070 43.001-GO2-13144X	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Massachusetts Institute of Technology NASA_Metrolaser Inc NASA_NorthWest Research Associates NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No, 1381319 438100003279 43Sub 8100003073 PrimeNNG09FA40C 43Sub 8100003073 PrimeNNG09FA40C 43SU05NJ01 43NWRA-09-S-125 434400-09-S-125 43440-09-S-125 43440-09-S-125 43440-070 43.001-G02-13144X 43.001-G02-13144X	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Metrolaser Inc NASA_Metrolaser Inc NASA_NorthWest Research Associates NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224 5,435
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No 1381319 438100003279 43Sub 8100003073 PrimeNNG09FA40C 43.CCC-5710002106 43SU05NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43PF9-00070 43.001-GO2-13144X 43.001-GO2-13164X 43.001-FR8-90056	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Let Propulsion Laboratory NASA_Let Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Metrolaser Inc NASA_Metrolaser Inc NASA_NorthWest Research Associates NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224 5,435
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No, . 1381319 438100003279 43Sub 8100003073 PrimeNNG09FA40C 43CC-5710002106 43SU05NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43DF9-00070 43.001-G02-13144X 43.001-G02-13164X 43.001-F8-90056 43.AAA-GO0-11006X	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Metrolaser Inc NASA_Metrolaser Inc NASA_NorthWest Research Associates NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224 5,435 1,024 3,010
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No, 1381319 438100003279 43Sub 8100003073 PrimeNNG09FA40C 43CC-5710002106 43SU05NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43DF9-00070 43.001-G02-13164X 43.001-G02-13164X 43.001-F8-90056 43.AAA-G00-11006X 43.AAA-G00-11019X	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Metrolaser Inc NASA_Metrolaser Inc NASA_Soletro Incertainal Corporation NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224 5,435 1,024 3,010 43,054
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431430974 431458931 431458931 431458037 43RSA no. 1439524 43Subaward No 1381319 438100003279 43Sub 8100003073 PrimeNNG09FA40C 43Sub 8100003073 PrimeNNG09FA40C 43Sub 8100003073 PrimeNNG09FA40C 43SU5NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43PF9-00070 43.001-G02-13164X 43.001-FF8-90056 43.AAA-G00-11006X 43.AAA-G00-11109X	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Metrolaser Inc NASA_Metrolaser Inc NASA_Solutifications International Corporation NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224 5,435 1,024 3,010 43,054
431217744 431357386 Task NM0711048 431403850 431416721 431430974 431430974 431458931 431463007 43RSA no. 1439524 43Subaward No, 1381319 438100003279 43Sub 8100003073 PrimeNNG09FA40C 43CC-5710002106 43SU05NJ01 43NWRA-09-S-125 434400151392 Prime NHH07CC69C 43DF9-00070 43.001-G02-13164X 43.001-G02-13164X 43.001-F8-90056 43.AAA-G00-11006X 43.AAA-G00-11019X	NASA_Jet Propulsion Laboratory NASA_Jet Propulsion Laboratory NASA_Lockheed Missiles and Space Company, Inc. NASA_Lockheed Missiles and Space Company, Inc. NASA_Metrolaser Inc NASA_Metrolaser Inc NASA_Soletro Incertainal Corporation NASA_Scientific Applications International Corporation NASA_Smithsonian Astrophysical Observatory NASA_Smithsonian Astrophysical Observatory	180,711 69,087 (40) 76,362 1,047 33,268 8,182 286 147,092 343,720 238,207 243,395 (19) 41,755 96,593 48,808 82,290 5,224 5,435 1,024 3,010 43,054

gency (	CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
43. <i>F</i>	AAA-GO1-12073X	NASA_Smithsonian Astrophysical Observatory	90,3
43. <i>F</i>	AAA-GO1-12092X	NASA_Smithsonian Astrophysical Observatory	28,6
43.A	AAA-GO1-12142X	NASA_Smithsonian Astrophysical Observatory	47,0
43. <i>F</i>	AAA-GO1-12144X	NASA_Smithsonian Astrophysical Observatory	24,6
43. <i>F</i>	AAA-GO1-12151X	NASA_Smithsonian Astrophysical Observatory	30,2
43. <i>F</i>	AAA-GO9-0074X	NASA_Smithsonian Astrophysical Observatory	5,5
43. <i>I</i>	AAA-GO9-0088X	NASA_Smithsonian Astrophysical Observatory	34,2
43. <i>F</i>	AAA-TM1-12010X	NASA_Smithsonian Astrophysical Observatory	42,2
43	-GO0-11147A	NASA_Smithsonian Astrophysical Observatory	(
43	PF0-110073	NASA_Smithsonian Astrophysical Observatory	89,5
43. <i>F</i>	AAA-399840Q	NASA_Southwest Research Institute	194,9
43. <i>F</i>	AAA-HST-HF-51248.01-A	NASA_Space Telescope Science Institute	3,2
43	HST-AR-12159.01-A	NASA_Space Telescope Science Institute	50,5
43	HST-GO-12060.61-A	NASA_Space Telescope Science Institute	23,5
43	HST-GO-12368.01-A	NASA_Space Telescope Science Institute	9,5
43. <i>F</i>	AAA-0965 G MA436	NASA_University of California, Los Angeles	60,1
43. <i>F</i>	AAA-10283877	NASA_University of California, San Diego	4,9
43.0	001-RR100-598/4892816	NASA_University of Georgia	50,1
43.A	AAA-Z641501	NASA_University Of Maryland At College Park	(4
43.0	001-PG12-26786-01	NASA_University of Montana	10,1
43	PG08-26694 NNX07AJ28G	NASA_University of Montana	35,0
43.0	001-12-725F-00	NASA_University of Nevada Las Vegas	5,7
Pass-	Through Programs From Total		2,905,3
Non-AR	RA Total		20,221,3
ational Ae	ronautics and Space Administration (NASA) Tota	ll in the second se	20,549,5
ARRA	t of Health and Human Services (DHHS) t Programs		
	701-8-DGM096849Z	ARRA_National Institutes of Health	637,6
93.7	701-8-FAG034741Z	ARRA_National Institutes of Health	1,2
93.7	701-8-DOD006515Z	ARRA_National Institutes of Health	597,0
93.7	701-8-FAI080086Z	ARRA_National Institutes of Health	6,3
93.7	701-8-FAI082915Z	ARRA_National Institutes of Health	1
93.7	701-8-KCA129174Z	ARRA_National Institutes of Health	7,0
	701-8-KDK069385Z	ARRA_National Institutes of Health	13,5
	701-8-KDK077053Z	ARRA_National Institutes of Health	3
	701-8-PAG017253Z	ARRA_National Institutes of Health	35,9
	701-8-PAT005886Z	ARRA_National Institutes of Health	308,1
	701-8-PCA124435Z	ARRA National Institutes of Health	23,5
	701-8-PCA147933Z	ARRA_National Institutes of Health	566,2
	701-8-PHG001315Z	ARRA_National Institutes of Health	147,2
	701-8-PHG002568Z	ARRA National Institutes of Health	581,7
	701-8-PHL101315Z	ARRA National Institutes of Health	325,0
	701-8-PMH089888Z	ARRA_National Institutes of Health	457,9
	701-8-PNS012151Z	ARRA_National Institutes of Health	(2,6
	701-8-PRR001209Z	ARRA_National Institutes of Health	102,8
	701-8-R7GM49243Z	ARRA_National Institutes of Health	102,0
	701-8-RAA017500Z	ARRA_National Institutes of Health	
		ARRA National Institutes of Health	(10,9 52,8
	701-8-RAG031198Z 701-8-RAG033914Z	-	2,2
		ARRA_National Institutes of Health	
	701-8-RAG036142Z	ARRA_National Institutes of Health	557,4
	701-8-RAG039014Z	ARRA_National Institutes of Health	735,8
	701-8-RAI042801Z	ARRA_National Institutes of Health	46,1
	701-8-RAI044095Z	ARRA_National Institutes of Health	(7
	701-8-RAI053724Z	ARRA_National Institutes of Health	51,5
	701-8-RAI053846Z	ARRA_National Institutes of Health	(5,2
	701-8-RAI075256Z	ARRA_National Institutes of Health	(1,1
	701-8-RAI076434Z	ARRA_National Institutes of Health	(1
	701-8-RAI077395Z	ARRA_National Institutes of Health	(4
	701-8-RAI080829Z	ARRA_National Institutes of Health	1,0
93.7	701-8-RAI081903Z	ARRA_National Institutes of Health	
	701-8-RAI084939Z	ARRA_National Institutes of Health	233,7
93.7		ARRA_National Institutes of Health	131,9
	701-8-RAI086730Z		101,7
93.7	701-8-RAI086730Z 701-8-RAI086927Z	ARRA_National Institutes of Health	207,5
93.7 93.7			
93.7 93.7 93.7	701-8-RAI086927Z	ARRA_National Institutes of Health	207,5

ency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
93.701-8-RAR054939Z	ARRA_National Institutes of Health	4,954
93.701-8-RAR056659Z	ARRA_National Institutes of Health	(2,263
93.701-8-RAR058713Z	ARRA_National Institutes of Health	73,424
93.701-8-RAR059365Z	ARRA_National Institutes of Health	(32,992
93.701-8-RAT005733Z	ARRA_National Institutes of Health	183,827
93.701-8-RCA070297Z	ARRA_National Institutes of Health	(1,626
93.701-8-RCA119056Z	ARRA_National Institutes of Health	45,081
93.701-8-RCA139320Z	ARRA National Institutes of Health	
	-	9,461
93.701-8-RCA148491Z	ARRA_National Institutes of Health	89,132
93.701-8-RDA021880Z	ARRA_National Institutes of Health	9,878
93.701-8-RDA025800Z	ARRA_National Institutes of Health	(4
93.701-8-RDA026092Z	ARRA_National Institutes of Health	60,457
93.701-8-RDC006167Z	ARRA_National Institutes of Health	75
93.701-8-RDC010164Z	ARRA_National Institutes of Health	264,223
93.701-8-RDE020771Z	ARRA_National Institutes of Health	(18,740
93.701-8-RDK037332Z	ARRA_National Institutes of Health	23,525
93.701-8-RDK070749Z	ARRA_National Institutes of Health	85,991
93.701-8-RDK077336Y	ARRA_National Institutes of Health	51,236
93.701-8-RDK087298Z	ARRA_National Institutes of Health	10,887
93.701-8-REB006526Z	ARRA_National Institutes of Health	281,910
93.701-8-REB006837Z	ARRA_National Institutes of Health	24,965
93.701-8-REB007626Z	ARRA_National Institutes of Health	42,904
93.701-8-REB008706Z	ARRA_National Institutes of Health	8,774
93.701-8-REB011443Z	ARRA_National Institutes of Health	41,519
93.701-8-REB012311Z	ARRA_National Institutes of Health	1,881
93.701-8-RES017060Y	ARRA_National Institutes of Health	29,965
93.701-8-REY015231Z	ARRA National Institutes of Health	73,554
93.701-8-REY017690Y	ARRA_National Institutes of Health	
		(17,448
93.701-8-RGM070773Z	ARRA_National Institutes of Health	67
93.701-8-RGM073059Z	ARRA_National Institutes of Health	(60,755
93.701-8-RGM091298Z	ARRA_National Institutes of Health	330,195
93.701-8-RGM091342Z	ARRA_National Institutes of Health	7,939
93.701-8-RHD033929Z	ARRA_National Institutes of Health	196,388
93.701-8-RHD049653Z	ARRA_National Institutes of Health	31,948
93.701-8-RHD057610Z	ARRA_National Institutes of Health	55,850
93.701-8-RHD058663Z	ARRA_National Institutes of Health	66,963
93.701-8-RHD059205Z	ARRA_National Institutes of Health	10,452
93.701-8-RHD063479Z	ARRA_National Institutes of Health	355,246
93.701-8-RHG005570Z	ARRA_National Institutes of Health	619,546
93.701-8-RHG005596Z	ARRA_National Institutes of Health	38,149
93.701-8-RHG005602Z	ARRA_National Institutes of Health	683,168
93.701-8-RHL052141Z	ARRA_National Institutes of Health	12,106
93.701-8-RHL087917Z	ARRA_National Institutes of Health	177,518
93.701-8-RHL091453Z	ARRA_National Institutes of Health	(3,249
93.701-8-RHL099117Z	ARRA_National Institutes of Health	(29,984
93.701-8-RHL099340Z	ARRA_National Institutes of Health	297,92
93.701-8-RHL099872Z	ARRA National Institutes of Health	136,128
	-	
93.701-8-RHL100344Z	ARRA_National Institutes of Health	240,625
93.701-8-RHL100361Z	ARRA_National Institutes of Health	350,864
93.701-8-RHL100490Z	ARRA_National Institutes of Health	2,504
93.701-8-RHL101748Z	ARRA_National Institutes of Health	599,66
93.701-8-RHL102747Z	ARRA_National Institutes of Health	289,100
93.701-8-RHL103400Z	ARRA National Institutes of Health	125,04
93.701-8-RLM005652Z	ARRA_National Institutes of Health	(43)
93.701-8-RLM009607Z	ARRA_National Institutes of Health	183,58
93.701-8-RMH074080Y	ARRA_National Institutes of Health	16,81
93.701-8-RMH081124Z	ARRA_National Institutes of Health	182,09
93.701-8-RMH089054Z	ARRA_National Institutes of Health	(
93.701-8-RMH089916Z	ARRA_National Institutes of Health	988,03
93.701-8-RNS039325Z	ARRA_National Institutes of Health	776,174
93.701-8-RNS045727Z	ARRA_National Institutes of Health	57,30
93.701-8-RNS046789Z	ARRA_National Institutes of Health	(6
93.701-8-RNS053898Z	ARRA_National Institutes of Health	4,56
93.701-8-RNS059918Z	ARRA_National Institutes of Health	234,80
93.701-8-RNS073015Z	ARRA_National Institutes of Health	531,02
93.701-8-RTW008781Z	ARRA_National Institutes of Health	2,178,244
73.701-0-1(1W0007012		
93.701-8-SRR026714Z	ARRA_National Institutes of Health	495,423

cy CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
93.701-8-SRR029020Z	ARRA_National Institutes of Health	(195,7
93.701-8-UAG032225Z	ARRA_National Institutes of Health	(
93.701-8-UAI057229Z	ARRA_National Institutes of Health	427,8
93.701-8-UAI090019Z	ARRA_National Institutes of Health	(99,0
93.701-8-UDK066481Z	ARRA National Institutes of Health	(2
93.701-8-URR025744Z	ARRA_National Institutes of Health	114,1
93.715-K-RHS019738Z	ARRA_National Institutes of Health	2,464,3
Direct Programs Total		20,714,5
Pass-Through Programs From		
9310009050-05ARRA	ARRA_NIH_University of Utah	21,5
93623100-88263	ARRA_HRSA_University of California, San Francisco	38,8
93641.02916/PO# 11YMT10038	ARRA_AHRQ_American Institutes for Research	43,7
93PO 2001555172 Prime HHSA290200710061i-T9	ARRA_AHRQ_The Johns Hopkins University	41,3
93.701-000364104-006/5RC2AR058964-02		80,8
	ARRA_NIH_University of Alabama	
93.701-00090561;UF10206	ARRA_NIH_University of Florida	30,5
93.701-0256-9131-4609	ARRA_NIH_Mt. Sinai School of Medicine	(38,5
93.701-069731RC1DE0206401PO2000026701	ARRA_NIH_University of California, Berkeley	56,5
93.701-08-002634-05	ARRA_NIH_University of California, Davis	177,2
93.701-09-0014 Prime 3U01DK066143	ARRA_NIH_Children's Mercy Hospital	1,1
93.701-1 U01 Al089859-01 51273-Nolan	ARRA_NIH_Mayo Clinic	(3,1
93.701-10310646-SUB/5R21MH086017	ARRA_NIH_University of California, San Diego	(2
93.701-105089	ARRA_NIH_Brigham and Women's Hospital	
93.701-111047068-7421643	ARRA_NIH_St. Jude Children's Research Hospital	2,6
93.701-149644.0203-01		
	ARRA_NIH_Harvard University	(4
93.701-149729; 1RC4AG039036-01	ARRA_NIH_University of Southern California	205,8
93.701-161411 / 173530	ARRA_NIH_Duke University	2,9
93.701-165191/174373	ARRA_NIH_Duke University	(3
93.701-2009-2271	ARRA_NIH_University of California, Irvine	8
93.701-2009-2323/U24RR021992	ARRA_NIH_University of California, Irvine	(17,5
93.701-23789-8	ARRA_NIH_Medical College of Georgia	8)
93.701-3501-001-01	ARRA_NIH_Emmes Corporation	20,7
93.701-3P41HG002273-10S1	ARRA_NIH_Jackson Laboratory	152,2
93.701-3U01CA069417-15S1	ARRA_NIH_Cancer Prevention Institute of California	4,7
93.701-42895-1,2	ARRA_NIH_University of Chicago	115,9
93.701-553445 Prime U01DK082316	ARRA_NIH_University of Pennsylvania	1,3
93.701-56008B 7802 P3144	ARRA_NIH_San Diego State University	(19,9
93.701-5767SC Prime UL1 RR024131	ARRA_NIH_University of California, San Francisco	26,5
93.701-5796sc Prime RC2 NS069350	ARRA_NIH_University of California, San Francisco	(80,8
93.701-69-000517	ARRA_NIH_SRI International	10,2
93.701-700942Z	ARRA_NIH_University Of Washington	65,7
93.701-713872Z-1,1RC4MD005964-01	ARRA_NIH_University Of Washington	125,0
93.701-727182Z; 3 P30 Al027757-22S1	ARRA_NIH_University Of Washington	32,5
93.701-98 STANFORD ADNI-GO	ARRA_NIH_University of California, San Diego	12,0
93.701-Agreement 9766, 09-CScha-06-LS	ARRA_NIH_Kaiser Permanente	198,6
93.701-M12A11298 (ASO201)-03 AMIGOS	ARRA_NIH_Yale University	119,9
93.701-MEY0023-02	ARRA_NIH_Palo Alto Institute for Research Education	1
93.701-PO S366648-1U01AI077821	ARRA_NIH_Emory University	34,2
93.701-RU200-034/4785216,7RC1AG03586.	ARRA_NIH_University of Georgia	21,8
93.701-SA:149644.5029170.203 GM093080	ARRA_NIH_Harvard University	33,9
93.701-Sub 000066066 5P01Al063302	ARRA_NIH_University of California, Berkeley	(1
93.701-Sub 0000682280 Prime CA015704	ARRA NIH The Fred Hutchinson Cancer Research Center	27,4
93.701-Sub 10011220 Prime1R01NS064318	ARRA_NIH_University of Utah	(11,5
93.701-Sub 19393 Prime 3U10CA098543	ARRA_NIH_National Childhood Cancer Foundation	2
93.701-Subaward 104957-1	ARRA_NIH_Brigham and Women's Hospital	(2,9
93.701-TD100109StanfordGO	ARRA_NIH_TransDerm	24,1
93.701-WU-11-124, PO 2911251P	ARRA_NIH_Washington University	
93.712-1U01IP000375-01	ARRA_CDC_American Academy of Pediatrics	2,7
93.715-217197 1R01HS019371-01	ARRA_NIH_Massachusetts General Hospital	290,0
93.715-737951Z	ARRA_AHRQ_University of Washington	270,0
93.715-Subaward 5-35152	ARRA_AHRQ_The University of North Carolina at Chapel Hill	98,2
93.726-77543 PO# 0000430944	ARRA_NIH_Children's Hospital Boston	115,4
93.728-2010-03958-07	ARRA_NIH_University of Illinois at Urbana Champaign	187,2
73.720-2010-03730-07		

# Stanford University Schedule of Expenditures of Federal Awards For The Year Ended August 31, 2012 Agency CFDA Number and Contract/Pass Through

Award		Expended
on-ARRA		
Direct Programs		
93.225-8-FHS019178A	Agency for Healthcare Research and Quality	69
93.225-K-THS000028F	Agency for Healthcare Research and Quality	304
93.226-8-RHS018434A	Agency for Healthcare Research and Quality	358
93.061-9-RPS000830A	Centers for Disease Control and Prevention	(16
93200-2009-28820/DUNS# 009214214	Centers for Disease Control and Prevention	135
93.262-8-ROH009914A	Centers for Disease Control and Prevention	112
93.283-9-UDD000489B	Centers for Disease Control and Prevention	936
93.103-6-UFD004194A	National Institutes of Health	252
93.103-6-UFD004257A	National Institutes of Health	49
93.110-3-U21MC04403A0	National Institutes of Health	(31
93.113-8-RES016486B	National Institutes of Health	215
93.113-8-RES017060B	National Institutes of Health	195
93.113-8-RES018834A	National Institutes of Health	406
93.113-8-RES020926A	National Institutes of Health	49
93.121-8-RDE015873B	National Institutes of Health	929
93.121-8-RDE019434A	National Institutes of Health	398
93.121-8-RDE019521B	National Institutes of Health	2
93.121-8-RDE020112B	National Institutes of Health	104
93.121-8-RDE021167A	National Institutes of Health	186
93.121-8-RDE021468B	National Institutes of Health	211
93.143-8-RES016143A	National Institutes of Health	138
93.157-D34HP16047B0	National Institutes of Health	59
93.172-5R01HG005855-04	National Institutes of Health	154
93.172-8-FHG005931A	National Institutes of Health	50
93.172-8-KHG006452A	National Institutes of Health	
		1
93.172-8-PHG000205F	National Institutes of Health	8,752
93.172-8-PHG001315D	National Institutes of Health	(145
93.172-8-PHG002357C	National Institutes of Health	1,549
93.172-8-PHG002568B	National Institutes of Health	1,753
93.172-8-PHG003389B	National Institutes of Health	1,238
93.172-8-PHG003619B	National Institutes of Health	17:
93.172-8-RHG002644B	National Institutes of Health	
93.172-8-RHG003317B	National Institutes of Health	98
93.172-8-RHG003328B	National Institutes of Health	530
93.172-8-RHG003469B	National Institutes of Health	27:
93.172-8-RHG004361A	National Institutes of Health	(1)
93.172-8-RHG004361B	National Institutes of Health	60
93.172-8-RHG004634A	National Institutes of Health	44
93.172-8-RHG004863A	National Institutes of Health	30
93.172-8-RHG004900A	National Institutes of Health	31
93.172-8-RHG005058A	National Institutes of Health	36
93.172-8-RHG005086A	National Institutes of Health	32
93.172-8-RHG005240A	National Institutes of Health	8
93.172-8-RHG005602A	National Institutes of Health	44
93.172-8-RHG005717A	National Institutes of Health	29
93.172-8-RHG005750A	National Institutes of Health	13
93.172-8-RHG005785A	National Institutes of Health	17
93.172-8-RHG006018A	National Institutes of Health	5
93.172-8-RHG006137A	National Institutes of Health	8
93.172-8-THG000044C	National Institutes of Health	1,57
93.172-8-UHG001315E	National Institutes of Health	3,31
93.172-8-UHG004267B	National Institutes of Health	1,42
93.172-8-UHG004558B	National Institutes of Health	3,80
93.172-8-UHG005715A	National Institutes of Health	47
93.173-8-FDC010106A	National Institutes of Health	6
93.173-8-FDC010322A	National Institutes of Health	4
93.173-8-FDC010975A	National Institutes of Health	6
93.173-8-FDC011232A	National Institutes of Health	4
93.173-8-KDC011043A		
	National Institutes of Health	24
93.173-8-PDC010363A	National Institutes of Health	52
93.173-8-RDC000155F	National Institutes of Health	
93.173-8-RDC003896E	National Institutes of Health	60-
93.173-8-RDC004154C	National Institutes of Health	37
93.173-8-RDC004563D	National Institutes of Health	90
93.173-8-RDC005960B	National Institutes of Health	48
93.173-8-RDC003980B 93.173-8-RDC005982B	National Institutes of Health	
		163

Federal Agency / Pass Through Entity

Amount

Agency CFDA Number and Contract/Pa Award	ss Through	Federal Agency / Pass Through Entity	Amount Expended
93.173-8-RDC006167C	National Institutes of Health		449,318
93.173-8-RDC007910A	National Institutes of Health		26,519
93.173-8-RDC007910B	National Institutes of Health		111,757
93.173-8-RDC008838A	National Institutes of Health		535,239
93.173-8-RDC009590B	National Institutes of Health		493,312
93.173-8-RDC009913A	National Institutes of Health		347,846
93.173-8-RDC010075B	National Institutes of Health		134,359
93.173-8-RDC011095A	National Institutes of Health		163,012
93.173-8-RDC012183A	National Institutes of Health		173,101
93.173-8-RDC012250A	National Institutes of Health		321,544
93.173-8-RDC012505A	National Institutes of Health		14,584
93.213-8-PAT006651A 93.213-8-RAT004475A	National Institutes of Health National Institutes of Health		820,242 188,727
93.226-8-KHS018558A	National Institutes of Health		169,832
93.226 8 KHS019816A	National Institutes of Health		89,233
93.239-C-H9AE00101A	National Institutes of Health		434,627
93.242-8-FMH086176A	National Institutes of Health		3,547
93.242-8-FMH091831A	National Institutes of Health		54,355
93.242-8-KMH074467B	National Institutes of Health		170,625
93.242-8-KMH081998A	National Institutes of Health		183,621
93.242-8-PMH086403A	National Institutes of Health		2,044,019
93.242-8-RMH047573D	National Institutes of Health		137,457
93.242-8-RMH050047D	National Institutes of Health		477,789
93.242-8-RMH050604C	National Institutes of Health		(118,574)
93.242-8-RMH051481D	National Institutes of Health		55,680
93.242-8-RMH051481E	National Institutes of Health		85,621
93.242-8-RMH051864D	National Institutes of Health		235,691
93.242-8-RMH052804E	National Institutes of Health		886,157
93.242-8-RMH058570C	National Institutes of Health		220,937
93.242-8-RMH059259C	National Institutes of Health		133,305
93.242-8-RMH063105B 93.242-8-RMH063105C	National Institutes of Health National Institutes of Health		(2,739) 407,631
93.242-8-RMH063394C	National Institutes of Health		539,597
93.242-8-RMH064070B	National Institutes of Health		15,031
93.242-8-RMH064708B	National Institutes of Health		9,433
93.242-8-RMH064801B	National Institutes of Health		181,543
93.242-8-RMH065541B	National Institutes of Health		372,066
93.242-8-RMH071666C	National Institutes of Health		384,208
93.242-8-RMH071739B	National Institutes of Health		10,464
93.242-8-RMH072386A	National Institutes of Health		83,509
93.242-8-RMH072525A	National Institutes of Health		1,036
93.242-8-RMH073914A	National Institutes of Health		138,305
93.242-8-RMH074080B	National Institutes of Health		456,892
93.242-8-RMH074849B	National Institutes of Health		839,583
93.242-8-RMH075957A	National Institutes of Health		369,065
93.242-8-RMH075957B	National Institutes of Health		161,561
93.242-8-RMH076074A	National Institutes of Health		43,779
93.242-8-RMH076932A 93.242-8-RMH077047A	National Institutes of Health		198,233
93.242-8-RMH077884A 93.242-8-RMH077884A	National Institutes of Health National Institutes of Health		283,835 278,576
93.242-8-RMH078924A	National Institutes of Health		456,734
93.242-8-RMH079296A	National Institutes of Health		523,178
93.242-8-RMH079978A	National Institutes of Health		542,432
93.242-8-RMH080309A	National Institutes of Health		122,584
93.242-8-RMH080378A	National Institutes of Health		461,105
93.242-8-RMH080913A	National Institutes of Health		137,422
93.242-8-RMH080957A	National Institutes of Health		393,278
93.242-8-RMH082706A	National Institutes of Health		1,610
93.242-8-RMH083702A	National Institutes of Health		385,559
93.242-8-RMH083972A	National Institutes of Health		668,988
93.242-8-RMH084164A	National Institutes of Health		285,760
93.242-8-RMH085899A	National Institutes of Health		183,162
93.242-8-RMH085911A	National Institutes of Health		639,462
93.242-8-RMH086135A	National Institutes of Health		300,082
93.242-8-RMH086373A	National Institutes of Health		353,588
93.242-8-RMH086579A	National Institutes of Health		289,760
93.242-8-RMH087592A	National Institutes of Health		528,478
93.242-8-RMH087756A	National Institutes of Health		330,893

Agency CFDA Number and Contract/Pass Award	Through Federal Agency / Pass Through Entity	Amount Expended
93.242-8-RMH087898A	National Institutes of Health	(15,989)
93.242-8-RMH087898B	National Institutes of Health	424,711
93.242-8-RMH087930A	National Institutes of Health	169,126
93.242-8-RMH091193A	National Institutes of Health	688,764
93.242-8-RMH091342A	National Institutes of Health	452,384
93.242-8-RMH091471A	National Institutes of Health	134,936
93.242-8-RMH091625A	National Institutes of Health	180,835
93.242-8-RMH092416A	National Institutes of Health	543,884
93.242-8-RMH092809A	National Institutes of Health	113,131
93.242-8-RMH093493A 93.242-8-RMH093666A	National Institutes of Health National Institutes of Health	143,530 252,034
93.242-8-RMH093000A 93.242-8-RMH093948A	National Institutes of Health	252,034 163,062
93.242-8-RMH094545A	National Institutes of Health	22,025
93.242-8-RMH094740A	National Institutes of Health	259,063
93.242-8-RMH094938A	National Institutes of Health	114,426
93.242-8-RMH095087A	National Institutes of Health	500,720
93.242-8-RMH095837A	National Institutes of Health	2,150
93.242-8-RMH096144A	National Institutes of Health	29,415
93.242-8-RMH096220A	National Institutes of Health	33,000
93.242-8-RMH096262A	National Institutes of Health	3,823
93.242-8-RMH096779A	National Institutes of Health	2,268
93.242-8-RMH096815A	National Institutes of Health	67,625
93.242-8-UMH076287A	National Institutes of Health	46,480
93.242-8-UMH076290A	National Institutes of Health	147,955
93.242-8-UMH079470A	National Institutes of Health	(2,532)
93.262-9-ROH009939A	National Institutes of Health	354,961
932634971-HHSN272200800059C	National Institutes of Health	3,156,563
93.273-8-KAA016340B 93.273-8-RAA010723D	National Institutes of Health National Institutes of Health	16,841 339,465
93.273-8-RAA010723D 93.273-8-RAA011147D	National Institutes of Health	590,956
93.273-8-RAA018681A	National Institutes of Health	431,621
93.273-8-UAA017923A	National Institutes of Health	198,155
93.275-8-KAA017168A	National Institutes of Health	228,808
93.277-8-KDA025152A	National Institutes of Health	197,103
93.279-8-DA034029A	National Institutes of Health	28,709
93.279-8-FDA031654A	National Institutes of Health	21,050
93.279-8-KDA029044A	National Institutes of Health	16,123
93.279-8-KDA029262A	National Institutes of Health	246,092
93.279-8-KDA031699A	National Institutes of Health	109,495
93.279-8-KDA031808A	National Institutes of Health	118,713
93.279-8-RDA015043C	National Institutes of Health	228,161
93.279-8-RDA015612B	National Institutes of Health	504,272
93.279-8-RDA017441B	National Institutes of Health	644,419
93.279-8-RDA017457A 93.279-8-RDA020794A	National Institutes of Health National Institutes of Health	(156) 951,987
93.279-8-RDA020794A 93.279-8-RDA021880A	National Institutes of Health	19,422
93.279-8-RDA021860A 93.279-8-RDA023063A	National Institutes of Health	51,497
93.279-8-RDA023609B	National Institutes of Health	189,957
93.279-8-RDA027331B	National Institutes of Health	69,281
93.279-8-RDA029078A	National Institutes of Health	402,070
93.279-8-RDA030554A	National Institutes of Health	297
93.279-8-RDA031698A	National Institutes of Health	27,172
93.279-8-RDA032469A	National Institutes of Health	47,411
93.279-8-RDA032580A	National Institutes of Health	17,721
93.279-8-RDA032955A	National Institutes of Health	308,661
93.281-8-KMH079114A	National Institutes of Health	185,333
93.281-8-KMH085732A	National Institutes of Health	134,546
93.281-8-KMH085919A	National Institutes of Health	173,788
93.281-8-KMH091160A	National Institutes of Health	77,069
93.281-8-KMH092288A	National Institutes of Health	172,048
93.281-8-KMH093490A	National Institutes of Health	84,499
93.281-8-KMH097120A	National Institutes of Health	81,319
93.282-8-FMH079648A	National Institutes of Health	43,152
93.282-8-FMH084475A	National Institutes of Health	(7,910)
93.282-8-FMH086261A	National Institutes of Health	49,108 53,696
93.282-8-FMH087012A 93.282-8-FMH087115A	National Institutes of Health National Institutes of Health	53,696 51,425
93.282-8-FMH087115A 93.282-8-FMH088010A	National Institutes of Health	24,684
75.202-0-1 WII 10000 TUA		24,004

Agency CFDA Number and Contract/P Award	ass Through	Federal Agency / Pass Through Entity	Amount Expended
93.282-8-FMH090617A	National Institutes of Health		39,688
93.282-8-FMH096361A	National Institutes of Health		36,903
93.282-8-FMH096385A	National Institutes of Health		24,450
93.282-8-FMH096491A	National Institutes of Health		22,396
93.282-8-FMH098504A	National Institutes of Health		3,272
93.282-8-TMH019908E	National Institutes of Health		103,948
93.282-8-TMH019938D	National Institutes of Health		449,965
93.282-8-TMH019956D	National Institutes of Health		115,949
93.282-8-TMH020016C	National Institutes of Health		668,304
93.286-8-REB000504C	National Institutes of Health		602,123
93.286-8-REB001988D	National Institutes of Health		7,240
93.286-8-REB001988E	National Institutes of Health		392,764
93.286-8-REB002524B	National Institutes of Health		535,571
93.286-8-REB002711B	National Institutes of Health		249,234
93.286-8-REB002711C	National Institutes of Health		74,769
93.286-8-REB002784F	National Institutes of Health		388,855
93.286-8-REB004321A	National Institutes of Health		(1,184)
93.286-8-REB005011B	National Institutes of Health		726,124
93.286-8-REB005718A	National Institutes of Health		438,818
93.286-8-REB005790A	National Institutes of Health		(21,919)
93.286-8-REB006471A	National Institutes of Health		145,535
93.286-8-REB006745B	National Institutes of Health		376,520
	National Institutes of Health		
93.286-8-REB006837A			242,695
93.286-8-REB007390A	National Institutes of Health		1,332
93.286-8-REB007626A	National Institutes of Health		79,652
93.286-8-REB007715A	National Institutes of Health		55,200
93.286-8-REB008108B	National Institutes of Health		467,618
93.286-8-REB008190A	National Institutes of Health		(18,539)
93.286-8-REB008706A	National Institutes of Health		544,882
93.286-8-REB009055A	National Institutes of Health		537,888
93.286-8-REB009689A	National Institutes of Health		362,054
93.286-8-REB009690A	National Institutes of Health		453,439
93.286-8-REB011552A	National Institutes of Health		160,284
93.286-8-REB011559A	National Institutes of Health		220,821
93.286-8-REB011654A	National Institutes of Health		480,206
93.286-8-REB012155A	National Institutes of Health		180,372
93.286-8-REB012189A	National Institutes of Health		189,922
93.286-8-REB012591A	National Institutes of Health		162,420
93.286-8-REB014405A	National Institutes of Health		2,000
93.286-8-TEB009035A	National Institutes of Health		221,866
93.286-8-TEB009653A	National Institutes of Health		167,554
93.310-8- RNS074067A	National Institutes of Health		90,496
93.310-8-DOD000429A	National Institutes of Health		215,294
93.310-8-DOD000616A	National Institutes of Health		(516)
93.310-8-DOD000965A	National Institutes of Health		(3,449)
93.310-8-DOD003530A	National Institutes of Health		803,487
93.310-8-DOD003560A	National Institutes of Health		156,089
93.310-8-DOD003560A	National Institutes of Health		208,881
93.310-8-DOD003792A	National Institutes of Health		757,637
93.310-8-DOD003889A	National Institutes of Health		666,952
93.310-8-DOD004417B	National Institutes of Health		138,974
93.310-8-DOD004437A	National Institutes of Health		412,605
93.310-8-DOD004445A	National Institutes of Health		543,222
93.310-8-DOD004690A	National Institutes of Health		554,294
93.310-8-DOD006409A	National Institutes of Health		511,090
93.310-8-DOD006413A	National Institutes of Health		650,495
93.310-8-DOD006435A	National Institutes of Health		875,795
93.310-8-DOD006457A	National Institutes of Health		563,298
93.310-8-DOD006466A	National Institutes of Health		565,570
93.310-8-DOD006477A	National Institutes of Health		445,299
93.310-8-DOD006511A	National Institutes of Health		449,615
93.310-8-DOD006740A	National Institutes of Health		516,260
93.310-8-DOD007078A	National Institutes of Health		695,282
93.310-8-DOD007488A	National Institutes of Health		676,946
93.310-8-DOD008167A	National Institutes of Health		547,098
93.310-8-DOD008456A	National Institutes of Health		238,843
93.310-8-DOD008647A	National Institutes of Health		126,839
93.310-8-RDK085720A	National Institutes of Health		723,231
73.310-0-NDN003720M			123,231

9.335-44000950A         More Infilms of Helm         11235           9.335-44000950A         More Infilms of Helm         42355           9.335-44000950A         More Infilms of Helm         42355           9.335-44000950A         More Infilms of Helm         7357           9.335-44000950A         More Infilms of Helm         7359           9.33	Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
styles         Alexade Induition of Health         445430           Styles         Alexade Induition of Health         (1), 100           Styles         Alexade Alexa		93.310-8-RGM099687A	National Institutes of Health		1,132,516
1.2.108 - 50.01/50.4     Marcas Institutor of Mark     (2.6.8)       2.3.108 - RECOMMAN     Name Institutor of Mark     (2.6.8)       3.3.108 - RECOMMAN     Name Institutor of Mark     (2.6.9)       3.3.108 - RECOMMAN <t< td=""><td></td><td>93.310-8-RHG005820A</td><td>National Institutes of Health</td><td></td><td>240,955</td></t<>		93.310-8-RHG005820A	National Institutes of Health		240,955
19.10 B BICSOLITAN     Malatar Millakar di Halbar, Sintan     72.855       19.10 B BICSOMANA     Malatar Millakar di Halbar, Sintan     652.785       19.10 B BICSOMANA     Malatar Millakar di Halbar, Sintan     652.785       19.10 B BICSOMANA     Malatar Millakar, Sintan     652.785       19.10 B BICSOMANA     Malatar Millakar, Sintan     623.015       19.10 B BICSOMANA     Malatar Millakar, Sintan     627.025       19.1		93.310-8-RMH092931A	National Institutes of Health		435,832
13.10     5.2000       9.31.00     5.2000       9.31.00     5.2000       9.31.00     1.00000       9.31.00     1.00000       9.31.00     1.00000       9.31.00     1.00000       9.31.00     1.000000       9.31.00     1.000000       9.31.00     1.00000000000       9.31.00     1.000000000000000000000000000000000			National Institutes of Health		39,579
9.310 b BUSCHAM     Beinne strukte, of Mealing     4.84/82/2       9.310 b BUSCHARD     Beinne strukte, of Mealing     4.23,101       9.310 b BUSCHARD     Beinne strukte, of Mealing     4.23,101       9.310 b BUSCHARD     Beinne strukte, of Mealing     4.23,011       9.310 b BUSCHARD     Beinne strukte, of Mealing     4.53,011					
9.316-9.1160/1028Haring Institute of Health9.47.029.326-8.0001257AHaring Institute of Health4.32.059.326-8.0001257BHaring Institute of Health3.0.01.059.326-8.0001257BHaring Institute of Health3.0.01.059.326-8.0001257BHaring Institute of Health3.0.01.059.326-8.0001257BHaring Institute of Health3.2.0.01.059.326-8.0001257BHaring Institute of Health3.0.00.059.326-8.0001257BHaring Institute of Health3.0.00.059.326-8.0001257BHaring Institute of Health3.0.00.059.326-8.0001258Haring Institute of Health3.0.00.059.336-8.0001258Haring Institute of Health3.0.00.059.336-8.00002578Haring Institute of Health3.0.00.059.336-8.00002578Haring Institute of Health3.0.00.059.336-8.0000258Haring Institute o					
19.329 8-000/0529/     Neiner indux, of Healt     43.201       19.339 8-4000/0519     Neiner indux, of Healt     30.031       19.339 8-4000/0510     Neiner indux, of Healt     30.032       19.339 8-4000/0510     Neiner indux, of Healt     31.046       19.339 8-4000/0510     Neiner indux, of Healt     31.046       19.339 8-2000/01A     Neiner indux, of Healt     31.046       19.339 8-2000/01A     Neiner indux of Healt     70.074       19.339 8-2000/01A     Neiner indux of Healt     70.074 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
93.014     Neinen Honlow of Hash     44.07.0       93.034     Neinen Honlow of Hash     34.07.0       93.034     Neinen Honlow of Hash     34.07.0       93.034     Neinen Honlow of Hash     34.04.05       93.034     Neinen Honlow of Hash     34.04.05       93.034     Neinen Honlow of Hash     31.04.04       93.034 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
19.3399 4.04002/51.04     National radius of Healn     13.2399       29.3399 4.FR60113076     Mational radius of Healn     13.2496       29.3399 4.FR60113076     Mational radius of Healn     13.7584       29.3394 4.FR60113076     Mational radius of Healn     13.7584       29.3394 4.FR6011307     Mational radius of Healn     13.7584       29.3394 5.FR60147A     Mational radius of Healn     47.670       29.3394 5.FR60147A     Mational radius of Healn     47.640       29.3394 5.FR60147A     Mational radius of Healn     47.640       29.3394 5.FR60147A     Mational radius of Healn     47.640       29.3394 5.FR60147A<					
19.3894.4.060020000         National Institutes of Headn         3.244.265           19.389.4.4.7681007300         National Institutes of Headn         3.234.65           19.389.4.4.7681007300         National Institutes of Headn         3.234.65           19.389.4.5681022011A         National Institutes of Headn         3.234.65           19.389.4.5681022017A         National Institutes of Headn         4.237.184           19.389.4.5881022017A         National Institutes of Headn         4.237.184           19.389.4.5881022017A         National Institutes of Headn         4.237.184           19.389.4.5881022017A         National Institutes of Headn         4.237.184           19.389.4.188021147A         National Institutes of Headn         4.237.184           19.398.4.188021147A         National Institutes of Headn         4.237.184           19.398.4.188021147A         National Institutes of Headn         4.238.187.1173.1173           19.398.4.8.6.18797010         National Institutes of Headn					
19.389-8-FR0012900     National Institutes of Health     31.464.25       29.389-4-FR0012910     National Institutes of Health     37.346       29.389-4-SR02521-3     National Institutes of Health     37.346       29.389-4-SR02521-47     National Institutes of Health     37.346       29.389-4-SR02261-17.     National Institutes of Health     47.621       29.389-4-SR02261-17.     National Institutes of Health     47.621       29.389-4-SR02261-17.     National Institutes of Health     37.346       29.389-4-SR02261-17.     National Institutes of Health     37.346       29.389-4-SR02261-17.     National Institutes of Health     37.347       29.389-4-SR02261-17.     National Institutes of Health     37.346       29.399-4-RC0217800     National Institutes of Health     37.346       29.399-4-RC017800     Na					
92.399-6/R005/84D         National Institutions of Haahn         13.9364           92.399-6/R005/14A         National Institutions of Haahn         37.945           92.398-6/R005/14A         National Institutions of Haahn         47.970           92.398-6/R005/17A         National Institutions of Haahn         47.970           92.398-6/R005/17A         National Institutions of Haahn         47.970           92.398-6/R005/17A         National Institutions of Haahn         56.941           92.398-6/R005/17A         National Institutions of Haahn         55.941           92.398-6/R005/17A         National Institutions of Haahn         75.936           92.398-6/R005/17A         National Institutions of Haahn         70.233           92.398-6/R005/17A         National Institutions of Haahn         70.933           92.398					
92.896_BRR02011A         National Institutions of Health         97.896           92.896_SRR02417A         National Institutions of Health         44.631           92.896_SRR02417A         National Institutions of Health         44.631           92.896_SRR02417A         National Institutions of Health         72.77.97           92.896_SRR02417A         National Institutions of Health         72.77.97           92.896_SRR02417A         National Institutions of Health         72.77.97           92.896_SRR02417A         National Institutions of Health         72.87.96           92.896_SRR02417A         National Institutions of Health         72.87.96           92.396_SRR02417AA         National Institutions of Health         72.87.96           92.396_SRR02417AA         National Institutions of Health         72.87.97           92.396_SRR02417AA         National Institutions of Health         72.87.97           92.396_SRR02417AA         National Institutions of Health         72.87.97           92.396_SRR02417ABA         National Institutions of Health         72.87.97           92.396_SRR02417ABA         National Institutions of Health         72.87.97           92.396_SRR02417ABA         National Institutions of Health         72.87.97           92.396_SRR02417BABA         National Institutions of Health         72.87.97					
92.389-SRR0247A         National Institutions of Haahn         44.631           92.389-SRR0247IA         National Institutions of Haahn         1.277.64           92.389-SRR0247IA         National Institutions of Haahn         1.277.64           92.389-SRR0247IA         National Institutions of Haahn         2.975.65           92.389-SRR0247IA         National Institutions of Haahn         2.975.65           92.389-SURR0257VAA         National Institutions of Haahn         2.972.53           92.393-SRC0247NA         National Institutions of Haahn         2.972.53           92.393-SRC0247NA         National Institutions of Haahn         2.973.53           92.393-SRC0247NA         National Institutions of Haahn         2.974.53           92.393-SRC0247NA         National Institution of Haahn         2.974.53		93.389-8-RRR026011A	National Institutes of Health		373,645
93.396.5 RRD20171A         National Institutes of Health         97.70           93.396.5 RRD20151BA         National Institutes of Health         56.61           93.396.5 RRD20151BA         National Institutes of Health         57.89           93.396.5 RRD20151BA         National Institutes of Health         57.99           93.396.5 RRD201574A         National Institutes of Health         57.99           93.396.5 RCD20072A         National Institutes of Health         20.23           93.396.5 RCD200727A         National Institutes of Health         20.45           93.396.5 RCD200727D         National Institutes of Health         20.45           93.396.5 RCD200727D         National Institutes of Health         20.81           93.396.5 RCD200737D         National Institutes of Health         40.45           93.396.5 RCD200737D         National Institutes of Health         40.85           93.396.5 RCD200737D         National Institutes of Health         40.85           93.396.5 RCD200737D         National Institutes of Health         40.85           93.396.5 RCD200737B         National Institutes of Health         40.85           93.396.5 RCD200737B         National Institutes of Health         40.85           93.396.5 RCD200737B         National Institutes of Health         40.35           93.396.5		93.389-8-SRR025612A	National Institutes of Health		37,190
9.3996 SRADUSABA         Nationa Instituse of Health         5.644           9.3396 STRADUSABA         Nationa Instituse of Health         5.644           9.3396 STRADUSABA         Nationa Instituse of Health         5.9395           9.3396 STRADUSABA         Nationa Instituse of Health         5.9395           9.3396 SCRADUSABA         Nationa Instituse of Health         5.9395           9.3396 SCRADUSABA         Nationa Instituses of Health         5.9395           9.3398 SCRADUSABA         Nationa Instituses of Health         5.9395           9.3393 SCRADUSABA         Nationa Instituses of Health         5.9355           9.3393 SCRADUSABA         Nationa Instituses of Health         5.9355           9.3393 SCRADUSABA         Nationa Inst		93.389-8-SRR026647A	National Institutes of Health		416,581
93.394-176017188         National Inclusions of Haalm         92.555           93.394-1760274A         National Inclusions of Haalm         92.555           93.394-1760274A         National Inclusions of Haalm         92.954           93.394-1760274A         National Inclusions of Haalm         92.954           93.394-10000027A         National Inclusions of Haalm         92.954           93.394-10000027A         National Inclusions of Haalm         92.954           93.394-10000027A         National Inclusions of Haalm         92.964           93.394-10000027A         National Inclusions of Haalm         92.061           93.394-10000027A         National Inclusions of Haalm         92.061           93.394-10000027B         National Inclusions of Haalm         92.061           93.394-1000028B         National Inclusions of Haalm         92.062           93.394-1000028B         National Inclusions of Haalm         92.92           93.394-1000028B         National Inclusions of Haalm         92.93           93.394-1000028B         National Inclusions of Haalm         92.93           93.394-1000128B         National Inclusions of Haalm         92.93           93.394-1000128B         National Inclusions of Haalm         92.93           93.394-1000128B         National Inclusions of Haalm		93.389-8-SRR026917A	National Institutes of Health		497,470
9.389-77802/186         Kainol Instance of Health         29.55           9.389-77802/574A         Kainol Instance of Health         5.193-58           9.393-84/07802/574A         Kainol Instance of Health         (70.233)           9.393-84/07802/574A         Kainol Instance of Health         (70.233)           9.393-84/07802/50         Kainol Instance of Health         24.943           9.393-84/07772D         Kainol Instance of Health         32.934           9.393-84/07772D         Kainol Instance of Health         32.934           9.393-84/07772D         Kainol Instance of Health         32.334           9.393-84/077780D         Kainol Instance of Health         32.334           9.393-84/07780D         Kainol Instance of Health         32.334           9.393-84/07780D         Kainol Instance of Health         32.334           9.393-84/07780D         Kainol Instance of Health         35.97           9.393-84/07180B         Kainol Instance of Health         35.97           9.393-84/071180L         Kainol Instance of Health         35.97 <t< td=""><td></td><td>93.389-8-SRR028438A</td><td>National Institutes of Health</td><td></td><td></td></t<>		93.389-8-SRR028438A	National Institutes of Health		
92 389-3 TRB057MA         National institus of Health         15339           92 393-0 40000002/A         National institus of Health         20233           92 393-8 420,00704C         National institus of Health         20233           92 393-8 420,00704C         National institus of Health         20439           92 393-8 420,00705D         National institus of Health         20439           92 393-8 420,00705D         National institus of Health         20439           92 393-8 420,00705D         National institus of Health         20337           92 393-8 420,00705D         National institus of Health         20337           92 393-8 420,00705D         National institus of Health         20337           92 393-8 420,00705B         National institus of Health         20357           92 393-8 420,00705B         National institus of Health         20357           92 393-8 420,00705B         National institus of Health         20358           92 393-8 420,01705B         Nati					
93.999-4148005744A         National Institus of Health         51.993-56           93.993-9620000927A         National Institus of Health         22.935           93.939-9620000927A         National Institus of Health         22.935           93.939-8620000927D         National Institus of Health         22.935           93.939-8620007220D         National Institus of Health         23.93           93.939-86200072000         National Institus of Health         23.93           93.939-862011971B         National Institus of Health         23.93           93.939-862011976A         National Institus of Health         23.93           93.939-862011956A         National Institus of Health         33.176           93.939-862011956A         National Institus of Health         33.176           93.939-862011956A         National Institus of Health         3.93           93.939-862011956A         National Institus of Health         23.93           93.939-862011956A         Natonal Institus o					
93.996-20000027A         Maincal institutes of Health         (0.0.33)           93.998-2000027A         Maincal institutes of Health         (2.497)           93.398-2000027D         Maincal institutes of Health         (2.497)           93.398-2000027D         Maincal institutes of Health         (2.207)           93.398-20000712D         Maincal institutes of Health         (2.207)           93.398-20000712D         Maincal institutes of Health         (2.207)           93.398-20000712D         Maincal institutes of Health         (2.208)           93.398-2000072D         Maincal institutes of Health         (2.208)           93.398-2000072D         Maincal institutes of Health         (2.208)           93.398-2000072D         Maincal in					
93.939.87.CA007500     National Institutes of Health     29.453       95.339.8.87.CA007500     National Institutes of Health     20.814       95.339.8.87.CA077500     National Institutes of Health     20.815       95.339.8.87.CA111640     National Institutes of Health     20.825       95.339.8.87.CA1					
9.393.8.RCA007290         National Institutes of Health         49.90           9.393.8.RCA0072710         National Institutes of Health         370.07           9.393.8.RCA077582D         National Institutes of Health         370.07           9.393.8.RCA077582D         National Institutes of Health         370.87           9.393.8.RCA077582D         National Institutes of Health         370.87           9.393.8.RCA07692B         National Institutes of Health         363.93           9.393.8.RCA01709B         National Institutes of Health         363.93           9.393.8.RCA01709B         National Institutes of Health         353.93           9.393.8.RCA01704C         National Institutes of Health         353.93           9.393.8.RCA01704C         National Institutes of Health         353.93           9.393.8.RCA01704C         National Institutes of Health         353.93           9.393.8.RCA01226A         National Institutes of Health         11.31           9.393.8.RCA01226A         National Institutes of Health         11.23           9.393.8.RCA01226A         National Institutes of Health         11.23           9.393.8.RCA01226A         National Institutes of Health         11.23           9.393.8.RCA01226A         National Institutes of Health         12.22           9.3333.8.RCA012555A					
9.393.4RCA07720D     National Inclutes of Health     284.15       9.393.4RCA07720BD     National Institutes of Health     370.037       9.393.4RCA07780BD     National Institutes of Health     46.466       9.393.4RCA07780BD     National Institutes of Health     46.354       9.393.4RCA07498B     National Institutes of Health     49.373       9.393.4RCA01798B     National Institutes of Health     39.373       9.393.4RCA01798B     National Institutes of Health     39.373       9.393.4RCA01798B     National Institutes of Health     39.373       9.393.4RCA01797C     National Institutes of Health     39.373       9.393.4RCA01797C     National Institutes of Health     39.373       9.393.4RCA01797C     National Institutes of Health     39.374       9.393.4RCA01797C     National Institutes of Health     39.374       9.393.4RCA01797D     National Institutes of Health     11.131       9.393.4RCA01292CAA     National Institutes of Health     29.245       9.393.4RCA01292CAA     National Institutes of Health     29.373       9.393.4RCA01292CAA     National Institutes of Health     29.373       9.393.4RCA01292CAA     National Institutes of Health     29.245       9.393.4RCA01292CA     National Institutes of Health     29.245       9.393.4RCA01595A     National Institutes of Health     2					
93.938-84CA07780D         National Institutes of Health         93.908.97           93.938-84CA0780D         National Institutes of Health         94.008.354           93.939.84CA0704069         National Institutes of Health         96.03.54           93.939.84CA0104098         National Institutes of Health         90.05.34           93.939.84CA0104098         National Institutes of Health         90.05.44           93.939.84CA011040A         National Institutes of Health         90.05.44           93.939.84CA011040A         National Institutes of Health         93.93.93           93.939.84CA011040A         National Institutes of Health         9.39.93           93.939.84CA012540A         National Institutes of Health         9.39.93           93.939.84CA012540A         National Institutes of Health         10.24.14           93.939.84CA012540A         National Institutes of Health         10.24.14           93.939.84CA012540A         National Institutes of Health         10.24.14           93.939.84CA015256A         National Institutes of Health         10.24.14           93.939.84CA015256A         National Institutes of Health         20.25.5           93.939.84CA015256A         National Institutes of Health         20.25.5           93.939.84CA015256A         National Institates of Health         20.25.5					
9.393.8.RCA07902B0     National Institutes of Health     12.233       9.339.8.RCA0490269     National Institutes of Health     30.303       9.339.8.RCA0190269     National Institutes of Health     30.303       9.339.8.RCA0119080     National Institutes of Health     30.303       9.339.8.RCA011056A     National Institutes of Health     30.313       9.339.8.RCA011056A     National Institutes of Health     33.716       9.339.8.RCA011056A     National Institutes of Health     33.716       9.339.8.RCA01157A     National Institutes of Health     33.716       9.339.8.RCA01254A     National Institutes of Health     3.716       9.339.8.RCA01254A     National Institutes of Health     11.131       9.339.8.RCA01359A     National Institutes of Health     28.243       9.339.8.RCA01359A     National Institutes of Health     28.243       9.339.8.RCA01578A     National Institutes of Health     28.241       9.339.8.RCA01578A     National Institutes of Health<					
93.938.8     RCA099026B     National Institutes of Health     12.83       93.938.8     RCA090498B     National Institutes of Health     30.82       93.938.8     RCA0110478B     National Institutes of Health     30.128       93.938.8     RCA0110478B     National Institutes of Health     30.53       93.938.8     RCA0110478B     National Institutes of Health     30.53       93.938.8     RCA011794C     National Institutes of Health     33.16       93.938.8     RCA011794C     National Institutes of Health     33.16       93.938.8     RCA0112557A     National Institutes of Health     57.15       93.938.8     RCA01255A     National Institutes of Health     11.31       93.938.8     RCA01255A     National Institutes of Health     10.241       93.938.8     RCA01255A     National Institutes of Health     40.258       93.938.8     RCA01255A     National Institutes of Health     20.295       93.938.8     RCA01525A     National Institutes of Health     20.255       93.938.8     RCA01527A     National Ins					
93.338 RCA0004008     National Institutes of Health     603.54       93.3938 RCA0110498     National Institutes of Health     20534       93.3938 RCA0110498     National Institutes of Health     20534       93.3938 RCA011050A     National Institutes of Health     303.76       93.3938 RCA011050A     National Institutes of Health     30.76       93.3938 RCA012240A     National Institutes of Health     30.76       93.3938 RCA012240A     National Institutes of Health     57.71       93.3938 RCA012240A     National Institutes of Health     10.2941       93.3938 RCA012240A     National Institutes of Health     10.2941       93.3938 RCA012240A     National Institutes of Health     20.2941       93.3938 RCA012240A     National Institutes of Health     20.2941       93.3938 RCA013290A     National Institutes of Health     20.2941       93.3938 RCA015255A     National Institutes of Health     20.2942       93.3938 RCA015255A     National Institutes of Health     20.29523       93.3938 RCA015255A     National Institutes of Health     20.29523       93.3938 RCA015256A     Nationa					
9.3394 PECA11901B     National Institutes of Health     25.34       9.3393 PECA11201AA     National Institutes of Health     35.37       9.3393 PECA11201AA     National Institutes of Health     3.3176       9.3393 PECA11807A     National Institutes of Health     3.349       9.3393 PECA11807A     National Institutes of Health     3.349       9.3393 PECA12226A     National Institutes of Health     11.031       9.3393 PECA1255A     National Institutes of Health     11.031       9.3393 PECA1255A     National Institutes of Health     202.941       9.3393 PECA1255A     National Institutes of Health     202.941       9.3393 PECA1555A     National Institutes of Health     202.941       9.3393 PECA1555A     National Institutes of Health     202.925       9.3393 PECA15667A     National Institutes of Health     202.925       9.3393 PECA15667A     National Institutes of Health     202.925       9.3393 PECA15667A     National Institutes of Health					
93.393 +BCA11201A       National Institutes of Health       15.74         93.393 +BCA11794C       National Institutes of Health       33.176         93.393 +BCA115867A       National Institutes of Health       55.715         93.393 +BCA112867A       National Institutes of Health       176         93.393 +BCA125463A       National Institutes of Health       11.31         93.393 +BCA125463A       National Institutes of Health       102.941         93.393 +BCA125453A       National Institutes of Health       102.941         93.393 +BCA125453A       National Institutes of Health       202.945         93.393 +BCA1555A       National Institutes of Health       202.945         93.393 +BCA15595A       National Institutes of Health       202.955         93.393 +BCA15785A       National Institutes of Health       202.956         93.393 +BCA15785A       National Institutes of Health       202.956         93.393 +BCA15785A       National Institutes of Health       202.956         93.393 +BCA15975A       National Institutes of Health       202.956		93.393-8-RCA107498B	National Institutes of Health		
93.393 - RCA11665A     National institutes of Health     33.176       93.393 - RCA116567A     National institutes of Health     93.573       93.393 - RCA11567A     National institutes of Health     716       93.393 - RCA11257A     National Institutes of Health     712       93.393 - RCA1157A     National Institutes of Health     728.274       93.393 - RCA1157A     National Institutes of Health     728.274       93.393 - RCA15757A     National Institutes of Health     728.275       93.393 - RCA15951A     National Institutes of Health     728.275       93.393 - RCA16951A     National Institutes of Health     70.724       93.393 - RCA1697A     National Institutes of Health     70.724       93.393 - RCA1697A     National Institutes of Health     70.724       93.393 - RCA1697A     National Institutes of Health     70.510       93.394 - RCA10274A     National Institutes of Health <td></td> <td>93.393-8-RCA111691B</td> <td>National Institutes of Health</td> <td></td> <td>20,534</td>		93.393-8-RCA111691B	National Institutes of Health		20,534
93.393.4RCA11294C     National institutes of Health     9,490       93.393.4RCA11224A     National institutes of Health     1776       93.393.4RCA1224AA     National institutes of Health     11,131       93.393.4RCA1224AA     National institutes of Health     10,244       93.393.4RCA1224AA     National institutes of Health     10,244       93.393.4RCA1224AA     National institutes of Health     462,586       93.393.4RCA1525AA     National institutes of Health     462,586       93.393.4RCA1525AA     National institutes of Health     422,245       93.393.4RCA1525AA     National institutes of Health     292,895       93.393.4RCA1627A     National institutes of Health     30,663       93.393.4RCA1627A     National institutes of Health     30,663       93.393.4RCA16627A     National institutes of Health     77,24       93.393.4RCA16627A     National institutes of Health     (53)       93.393.4RCA16627A     National institutes of Health     (54)       93.394.4RCA11997A     National institutes of Health     (54)       93.394.4RCA16975A     National institutes of Health     (54) <td></td> <td>93.393-8-RCA112016A</td> <td>National Institutes of Health</td> <td></td> <td>15,574</td>		93.393-8-RCA112016A	National Institutes of Health		15,574
93393-8-CA125CA       National Institutes of Health       55.715         93393-8-CA125CA       National Institutes of Health       176         93393-8-CA125CA       National Institutes of Health       102.44         93393-8-CA125CA       National Institutes of Health       462.56         93393-8-CA1525CA       National Institutes of Health       47.341         93393-8-CA1525CA       National Institutes of Health       422.86         93393-8-CA1525CA       National Institutes of Health       428.243         93393-8-CA1525CA       National Institutes of Health       428.243         93393-8-CA1525CA       National Institutes of Health       429.295         93393-8-CA1525CA       National Institutes of Health       259.523         93393-8-CA16178CA       National Institutes of Health       71.724         93393-8-CA16178CA       National Institutes of Health       71.724         93393-8-CA16827A       National Institutes of Health       71.724         93393-8-CA16827A       National Institutes of Health       65.30         93393-8-CA16827A       National Institutes of Health       65.30         93393-8-CA16827A       National Institutes of Health       65.30         93394-8CA11907A       National Institutes of Health       65.30         93394-8CA16827A		93.393-8-RCA116685A	National Institutes of Health		33,176
93393-8CA12226A       National Institutes of Health       11,61         93393-8CA122563A       National Institutes of Health       10,2941         93393-8CA142055A       National Institutes of Health       462,566         93393-8CA150136A       National Institutes of Health       462,566         93393-8CA150136A       National Institutes of Health       462,566         93393-8CA157855A       National Institutes of Health       282,343         93393-8CA157856A       National Institutes of Health       292,895         93393-8CA16786A       National Institutes of Health       292,895         93393-8CA16975A       National Institutes of Health       30,603         93393-8CA16975A       National Institutes of Health       71,724         93393-8CA16975A       National Institutes of Health       71,724         93393-8CA16975A       National Institutes of Health       71,724         93393-8CA16973A       National Institutes of Health       70,510         93394-8CA16973A       National Institutes of Health       70,510         93394-8CA10997			National Institutes of Health		
93393 B RCA125453A       National Institutes of Health       11,131         93393 B RCA125453A       National Institutes of Health       102,441         93393 B RCA12535A       National Institutes of Health       462,586         93393 B RCA150130A       National Institutes of Health       47,341         93393 B RCA155255A       National Institutes of Health       283,243         93393 B RCA1595A       National Institutes of Health       292,895         93393 B RCA1595A       National Institutes of Health       292,895         93393 B RCA1595A       National Institutes of Health       292,895         93393 B RCA16597A       National Institutes of Health       292,895         93393 B RCA16697A       National Institutes of Health       306,633         93393 B RCA16697A       National Institutes of Health       15,174         93393 B RCA16697A       National Institutes of Health       76,101         93394 B RCA16097A       National Institutes of Health       76,513         93394 B RCA161091A       National Institutes of Health       76,103					
933938 RCA130991A         National institutes of Health         102,941           933938 RCA1305555A         National institutes of Health         462,566           933938 RCA155255A         National institutes of Health         283,243           933938 RCA157055A         National institutes of Health         292,895           933938 RCA157055A         National institutes of Health         292,895           933938 RCA161766A         National institutes of Health         296,523           933938 RCA161766A         National institutes of Health         30,663           933938 RCA163915A         National institutes of Health         30,663           933938 RCA16407A         National institutes of Health         12,157           933938 RCA16407A         National institutes of Health         (563)           933938 RCA16407A         National institutes of Health         525,00           933948 RCA16091A         National institutes of Health         563           933948 RCA161091A         National institutes of Health         563           933948 RCA10909A         National institutes of Health         563           933948 RCA11908PA         National institutes of Health         563           933948 RCA11908PA         National institutes of Health         563           933948 RCA11908PA         Na					
93393-RCA142635A       National Institutes of Health       442,566         93393-RCA15033A       National Institutes of Health       47,341         93393-RCA15525A       National Institutes of Health       228,285         93393-RCA157895A       National Institutes of Health       228,285         93393-RCA157895A       National Institutes of Health       228,285         93393-RCA161786A       National Institutes of Health       296,253         93393-RCA161786A       National Institutes of Health       30,663         93393-RCA163915A       National Institutes of Health       17,724         93393-RCA166827A       National Institutes of Health       15,974         93393-RCA169073A       National Institutes of Health       15,974         93393-RCA169073A       National Institutes of Health       16,653         93393-RCA169073A       National Institutes of Health       22,156         93394-RCA16907A       National Institutes of Health       22,156         93394-RCA16907A       National Institutes of Health       22,157         93394-RCA16907A       National Institutes of Health       22,156         93394-RCA19089A       National Institutes of Health       22,156         93394-RCA19089A       National Institutes of Health       23,122         93394-RCA19					
93393-RCA150136A       National Institutes of Health       47,341         93393-RCA15525A       National Institutes of Health       282,243         93393-RCA15785A       National Institutes of Health       229,895         93393-RCA15785A       National Institutes of Health       259,523         93393-RCA161786A       National Institutes of Health       259,523         93393-RCA161786A       National Institutes of Health       71,724         93393-RCA166827A       National Institutes of Health       71,724         93393-RCA166973A       National Institutes of Health       72,573         93393-RCA166827A       National Institutes of Health       70,510         93393-RCA169673A       National Institutes of Health       70,510         93394-RCA169673A       National Institutes of Health       70,510         93394-RCA169673A       National Institutes of Health       70,510         93394-RCA16973A       National Institutes of Health       70,510         93394-RCA169673A       National Institutes of Health       70,510         93394-RCA11997A       National Institutes of Health       70,510         93394-RCA11997A       National Institutes of Health       70,510         93394-RCA1197A       National Institutes of Health       72,175         93394-RCA1197					
93393-8-RCA15525A       National Institutes of Health       283243         93393-8-RCA157895A       National Institutes of Health       292,895         93393-8-RCA157816A       National Institutes of Health       3063         93393-8-RCA16786A       National Institutes of Health       3063         93393-8-RCA16786A       National Institutes of Health       3063         93393-8-RCA166827A       National Institutes of Health       71,724         93393-8-RCA166827A       National Institutes of Health       75,53         93393-8-RCA166973A       National Institutes of Health       75,53         93393-8-RCA166973A       National Institutes of Health       75,53         93394-8-RCA16973A       National Institutes of Health       75,53         93394-8-RCA16973A       National Institutes of Health       70,510         93394-8-RCA16973A       National Institutes of Health       70,510         93394-8-RCA16973A       National Institutes of Health       70,510         93394-8-RCA16924A       National Institutes of Health       70,510         93394-8-RCA11924B       National Institutes of Health       70,747         93394-8-RCA11924B       National Institutes of Health       71,74         93394-8-RCA11924B       National Institutes of Health       71,747					
93.393-8.RCA157895A         National Institutes of Health         292.895           93.393-8.RCA15851AA         National Institutes of Health         255.23           93.393-8.RCA163915A         National Institutes of Health         300.663           93.393-8.RCA163915A         National Institutes of Health         71.724           93.393-8.RCA163915A         National Institutes of Health         71.724           93.393-8.RCA16627A         National Institutes of Health         71.724           93.393-8.RCA166627A         National Institutes of Health         75.71           93.393-8.RCA16673A         National Institutes of Health         75.51           93.394-8.RCA16071A         National Institutes of Health         75.51           93.394-8.RCA16071A         National Institutes of Health         76.50           93.394-8.RCA16071A         National Institutes of Health         76.50           93.394-8.RCA16071A         National Institutes of Health         76.51           93.394-8.RCA16073A         National Institutes of Health         72.17           93.394-8.RCA119054A         National Institutes of Health         72.17           93.394-8.RCA119054A         National Institutes of Health         73.71           93.394-8.RCA119054A         National Institutes of Health         73.71           93.394					
93.393-8-RCA158516A         National Institutes of Health         259.523           93.393-8-RCA161786A         National Institutes of Health         30.663           93.393-8-RCA163915A         National Institutes of Health         71.724           93.393-8-RCA16627A         National Institutes of Health         12.157           93.393-8-RCA169673A         National Institutes of Health         (63)           93.394-8CA1697A         National Institutes of Health         (63)           93.394-8CA1697A         National Institutes of Health         70.510           93.394-8CA1697A         National Institutes of Health         07.510           93.394-8CA159992A         National Institutes of Health         322.500           93.394-8CA19089A         National Institutes of Health         322.500           93.394-8-RCA1187A         National Institutes of Health         327.427           93.394-8-RCA1187A         National Institutes of Health         37.427           93.394-8-RCA1187A         National Institutes of Health         37.127           93.394-8-RCA1187A <td></td> <td></td> <td></td> <td></td> <td></td>					
93.393-8-CA161786A         National Institutes of Health         30.663           93.393-8-RCA163915A         National Institutes of Health         71.724           93.393-8-RCA16627A         National Institutes of Health         15.974           93.393-8-RCA16627A         National Institutes of Health         12.157           93.393-8-RCA16673A         National Institutes of Health         (663)           93.394-8CA16097A         National Institutes of Health         70.510           93.394-8PCA15992A         National Institutes of Health         20.510           93.394-8PCA15992A         National Institutes of Health         20.214           93.394-8PCA15992A         National Institutes of Health         20.214           93.394-8PCA19089A         National Institutes of Health         20.214           93.394-8PCA112970B         National Institutes of Health         20.214           93.394-8PCA112970B         National Institutes of Health         23.712           93.394-8PCA112970A         National Institutes of Health         23.712           93.394-8PCA112970A         National Institutes of Health         23.712           93.394-8PCA11297A         National Institutes of Health         23.712           93.394-8PCA11297A         National Institutes of Health         23.712           93.394-8PCA1129					
93.393-8-RCA163915ANational Institutes of Health71,72493.393-8-RCA166827ANational Institutes of Health15,97493.393-8-RCA169673ANational Institutes of Health(63393.393-8-RCA1808248BNational Institutes of Health(653)93.394-80RCA161091ANational Institutes of Health868,64193.394-8-RCA10924CNational Institutes of Health868,64193.394-8-RCA10924ANational Institutes of Health868,64193.394-8-RCA10924ANational Institutes of Health862,256093.394-8-RCA10908ANational Institutes of Health64,5793.394-8-RCA10908ANational Institutes of Health64,5793.394-8-RCA11908BNational Institutes of Health371,2193.394-8-RCA119270BNational Institutes of Health371,2193.394-8-RCA119270BNational Institutes of Health371,2193.394-8-RCA119270BNational Institutes of Health371,2193.394-8-RCA119270ANational Institutes of Health371,2193.394-8-RCA119270ANational Institutes of Health384,4093.394-8-RCA119270ANational Institutes of Health384,4093.394-8-RCA119270ANational Institutes of Health384,4093.394-8-RCA119270ANational Institutes of Health384,4093.394-8-RCA119270ANational Institutes of Health384,4093.394-8-RCA11905ANational Institutes of Health384,4093.394-8-RCA11905ANational Institutes of Health384,4093.394-8-RCA11905ANational Institutes of Health<		93.393-8-RCA161786A			
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93.393-8-UCA088248B         National Institutes of Health         (563)           93.394-80RCA161091A         National Institutes of Health         70,510           93.394-8PCA159992A         National Institutes of Health         868,641           93.394-8PCA080214C         National Institutes of Health         322,560           93.394-8RCA019099A         National Institutes of Health         (2,144)           93.394-8RCA111487A         National Institutes of Health         (6,457)           93.394-8RCA111981B         National Institutes of Health         (3,717)           93.394-8RCA112270B         National Institutes of Health         (3,717)           93.394-8RCA112574A         National Institutes of Health         (1,672)           93.394-8RCA112574B         National Institutes of Health         (3,8440)           93.394-8RCA112574A         National Institutes of Health         (3,8440)           93.394-8RCA112574A         National Institutes of Health         (3,8440)           93.394-8RCA112574A         National Institutes of Health         (3,8440)           93.394-8RCA11905A         National Institutes of Health         (3,8440)           93.394-8RCA11905A         National Institutes of Health         (22,156)           93.394-8RCA11905A         National Institutes of Health         (23,02)		93.393-8-RCA166827A	National Institutes of Health		15,974
93.394-80RCA161091A         National Institutes of Health         70,510           93.394-8-PCA159992A         National Institutes of Health         868,641           93.394-8-RCA082214C         National Institutes of Health         322,560           93.394-8-RCA109089A         National Institutes of Health         (2,144)           93.394-8-RCA111487A         National Institutes of Health         (6,457)           93.394-8-RCA111981B         National Institutes of Health         397,427           93.394-8-RCA112270B         National Institutes of Health         317,317           93.394-8-RCA112270B         National Institutes of Health         23,712           93.394-8-RCA112270B         National Institutes of Health         23,712           93.394-8-RCA112270B         National Institutes of Health         (1,672)           93.394-8-RCA118276A         National Institutes of Health         (38,440)           93.394-8-RCA118053A         National Institutes of Health         (38,440)           93.394-8-RCA119056A         National Institutes of Health         (21,427)           93.394-8-RCA119056A         National Institutes of Health         (22,6042)           93.394-8-RCA12163B         National Institutes of Health         (22,6042)           93.394-8-RCA121640A         National Institutes of Health         (22,6042)		93.393-8-RCA169673A	National Institutes of Health		12,157
93.394-8-PCA159992A         National Institutes of Health         868,641           93.394-8-RCA082214C         National Institutes of Health         322,560           93.394-8-RCA109089A         National Institutes of Health         (2,144)           93.394-8-RCA111487A         National Institutes of Health         (2,714)           93.394-8-RCA111987B         National Institutes of Health         6,457           93.394-8-RCA112270B         National Institutes of Health         397,427           93.394-8-RCA112270B         National Institutes of Health         23,712           93.394-8-RCA112594A         National Institutes of Health         23,712           93.394-8-RCA112594A         National Institutes of Health         (1,672)           93.394-8-RCA118582A         National Institutes of Health         (38,440)           93.394-8-RCA119053A         National Institutes of Health         (38,440)           93.394-8-RCA119056A         National Institutes of Health         (21,764)           93.394-8-RCA120474A         National Institutes of Health         221,756           93.394-8-RCA120474A         National Institutes of Health         220,602           93.394-8-RCA121163B         National Institutes of Health         220,602           93.394-8-RCA12460A         National Institutes of Health         226,602 <td></td> <td>93.393-8-UCA088248B</td> <td>National Institutes of Health</td> <td></td> <td>(563)</td>		93.393-8-UCA088248B	National Institutes of Health		(563)
93.394-8-RCA082214CNational Institutes of Health322.56093.394-8-RCA109089ANational Institutes of Health(2,144)93.394-8-RCA111487ANational Institutes of Health6,45793.394-8-RCA111981BNational Institutes of Health397,42793.394-8-RCA112270BNational Institutes of Health317,31793.394-8-RCA112594ANational Institutes of Health23,71293.394-8-RCA11256ANational Institutes of Health(1,672)93.394-8-RCA118582ANational Institutes of Health(38,440)93.394-8-RCA119053ANational Institutes of Health(38,440)93.394-8-RCA119056ANational Institutes of Health221,75693.394-8-RCA120474ANational Institutes of Health221,75693.394-8-RCA120474ANational Institutes of Health220,60293.394-8-RCA12163BNational Institutes of Health220,60293.394-8-RCA121640ANational Institutes of Health220,60293.394-8-RCA121640ANational Institutes of Health220,60293.394-8-RCA121640ANational Institutes of Health226,60293.394-8-RCA121640ANational Institutes of Health226,60293.394-8-RCA121640ANational Institutes of Health74,06393.394-8-RCA12997ANational Institutes of Health74,06393.394-8-RCA129808ANational Institutes of Health74,06393.394-8-RCA129808ANational Institutes of Health74,06393.394-8-RCA129808ANational Institutes of Health74,06393.394-8-RCA128908ANational			National Institutes of Health		
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93.394-8-RCA111981BNational Institutes of Health397,42793.394-8-RCA112270BNational Institutes of Health317,31793.394-8-RCA112594ANational Institutes of Health23,71293.394-8-RCA118276ANational Institutes of Health(1,672)93.394-8-RCA118276ANational Institutes of Health(38,440)93.394-8-RCA119053ANational Institutes of Health(38,440)93.394-8-RCA119056ANational Institutes of Health(38,440)93.394-8-RCA120474ANational Institutes of Health221,75693.394-8-RCA12163BNational Institutes of Health780,12093.394-8-RCA12163BNational Institutes of Health226,04293.394-8-RCA121460ANational Institutes of Health226,04293.394-8-RCA121460ANational Institutes of Health74,06393.394-8-RCA12994ANational Institutes of Health74,06393.394-8-RCA129908ANational Institutes o					
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93.394-8-RCA128908A National Institutes of Health 404,988					
		93.394-8-RCA127947A	National Institutes of Health		74,063
93.394-8-RCA129927B National Institutes of Health 296,175		93.394-8-RCA128908A	National Institutes of Health		404,988
		93.394-8-RCA129927B	National Institutes of Health		296,175

Agency	CFDA Number and Contract/Pass Through Award	Federa	al Agency / Pass Through Entity	Amount Expended
	93.394-8-RCA134720A	National Institutes of Health		584,377
	93.394-8-RCA135294A	National Institutes of Health		249,055
	93.394-8-RCA135486A	National Institutes of Health		252,028
	93.394-8-RCA137472A	National Institutes of Health		67,280
	93.394-8-RCA138330A	National Institutes of Health		444,569
	93.394-8-RCA138353A	National Institutes of Health		180,851
	93.394-8-RCA138426A	National Institutes of Health		920,874
	93.394-8-RCA140089A	National Institutes of Health		125,274
	93.394-8-RCA152923A	National Institutes of Health		252,938
	93.394-8-RCA155289A	National Institutes of Health		312,965
	93.394-8-RCA156124A	National Institutes of Health		69,826
	93.394-8-RCA156950A 93.394-8-RCA160251A	National Institutes of Health National Institutes of Health		244,449 525,370
	93.394-8-RCA160986A	National Institutes of Health		452,159
	93.394-8-UCA142555A	National Institutes of Health		578,894
	93.394-8-UCA152737A	National Institutes of Health		406,364
	93.395-8-PCA034233F	National Institutes of Health		238,667
	93.395-8-PCA049605E	National Institutes of Health		2,311,454
	93.395-8-PCA067166C	National Institutes of Health		783,361
	93.395-8-RCA031841H	National Institutes of Health		283,937
	93.395-8-RCA077248C	National Institutes of Health		168,287
	93.395-8-RCA113859B	National Institutes of Health		21,004
	93.395-8-RCA114037A	National Institutes of Health		189,638
	93.395-8-RCA128873A	National Institutes of Health		380,924
	93.395-8-RCA130817A	National Institutes of Health		165,312
	93.395-8-RCA131199A	National Institutes of Health		310,861
	93.395-8-RCA133474A	National Institutes of Health		115,218
	93.395-8-RCA136574A	National Institutes of Health		278,016
	93.395-8-RCA143498A 93.395-8-RCA149318A	National Institutes of Health National Institutes of Health		125,981
	93.395-8-RCA149316A 93.395-8-RCA153587A	National Institutes of Health		544,681 257,789
	93.395-8-RCA157510A	National Institutes of Health		506,287
	93.395-8-RCA158640A	National Institutes of Health		62,348
	93.395-8-RCA161585A	National Institutes of Health		128,666
	93.395-RCA031845G	National Institutes of Health		380,191
	93.395-RCA135109A	National Institutes of Health		293,525
	93.396-8-PCA139490A	National Institutes of Health		1,772,455
	93.396-8-R21 CA171966	National Institutes of Health		4,167
	93.396-8-RCA065237D	National Institutes of Health		220,538
	93.396-8-RCA072074D	National Institutes of Health		42,585
	93.396-8-RCA077097C	National Institutes of Health		37,187
	93.396-8-RCA086017C	National Institutes of Health		385,770
	93.396-8-RCA086065C	National Institutes of Health		450,339
	93.396-8-RCA088480C	National Institutes of Health		424,992
	93.396-8-RCA090735B	National Institutes of Health		(14)
	93.396-8-RCA093665B 93.396-8-RCA100225C	National Institutes of Health		79,214
	93.396-8-RCA110223C 93.396-8-RCA111691A	National Institutes of Health National Institutes of Health		261,985 627
	93.396-8-RCA11402A	National Institutes of Health		53,299
	93.396-8-RCA114102A 93.396-8-RCA114102B	National Institutes of Health		40,487
	93.396-8-RCA116606B	National Institutes of Health		324,474
	93.396-8-RCA118750A	National Institutes of Health		247,242
	93.396-8-RCA118750B	National Institutes of Health		72,182
	93.396-8-RCA120526A	National Institutes of Health		119,260
	93.396-8-RCA124832A	National Institutes of Health		221,533
	93.396-8-RCA125276A	National Institutes of Health		205,159
	93.396-8-RCA128836A	National Institutes of Health		236,538
	93.396-8-RCA129443A	National Institutes of Health		186,806
	93.396-8-RCA129562A	National Institutes of Health		48,814
	93.396-8-RCA130826A	National Institutes of Health		1,215,186
	93.396-8-RCA138256A	National Institutes of Health		511,068
	93.396-8-RCA140875A	National Institutes of Health		298,553
	93.396-8-RCA151623A	National Institutes of Health		279,546
	93.396-8-RCA151706A	National Institutes of Health		340,895
	93.396-8-RCA151748A	National Institutes of Health		476,432
	93.396-8-RCA153248A	National Institutes of Health		269,075
	93.396-8-RCA157877A 93.396-8-RCA158528A	National Institutes of Health National Institutes of Health		312,379 410,304
	75.575 5 NOA 130320A			410,304

Agency CFDA Number and Contract/Pass Award	Through Federal Agency / Pass Through Entity	Amount Expended
93.396-8-UCA141468A	National Institutes of Health	477,951
93.396-8-UCA151920A	National Institutes of Health	529,356
93.396-8-UCA154969A	National Institutes of Health	357,933
93.396-RCA160384A	National Institutes of Health	13,949
93.397-8-PCA114747B	National Institutes of Health	1,659,426
93.397-8-PCA124435B 93.397-8-UCA126524A	National Institutes of Health National Institutes of Health	3,433,954 108,096
93.397-8-UCA149145A	National Institutes of Health	2,291,274
93.397-8-UCA151459A	National Institutes of Health	2,763,511
93.398-8-FCA130472A	National Institutes of Health	17,889
93.398-8-FCA137994A	National Institutes of Health	52,982
93.398-8-FCA137999A	National Institutes of Health	11,735
93.398-8-FCA142087A	National Institutes of Health	22,206
93.398-8-FCA142090A 93.398-8-FCA142135A	National Institutes of Health National Institutes of Health	14,940 55,178
93.398-8-FCA142272A	National Institutes of Health	182
93.398-8-FCA144402A	National Institutes of Health	23,415
93.398-8-FCA162681A	National Institutes of Health	52,349
93.398-8-KCA120349A	National Institutes of Health	51,967
93.398-8-KCA123532A	National Institutes of Health	4
93.398-8-KCA129174B	National Institutes of Health	234,313
93.398-8-KCA132916B	National Institutes of Health	110,094
93.398-8-KCA134639A 93.398-8-KCA137170A	National Institutes of Health National Institutes of Health	143,259 128,520
93.398-8-KCA140722A	National Institutes of Health	154,867
93.398-8-KCA140728A	National Institutes of Health	16,212
93.398-8-KCA143047A	National Institutes of Health	196,571
93.398-8-KCA143231A	National Institutes of Health	2,112
93.398-8-KCA151673A	National Institutes of Health	129,509
93.398-8-KCA151968B	National Institutes of Health	115,748
93.398-8-KCA154960A	National Institutes of Health	149,732
93.398-8-KCA160764A 93.398-8-KCA166186A	National Institutes of Health National Institutes of Health	156,897 10,207
93.398-8-RCA115562A	National Institutes of Health	47,160
93.398-8-RCA118681A	National Institutes of Health	11,178
93.398-8-RCA118681B	National Institutes of Health	486,806
93.398-8-RCA125994B	National Institutes of Health	233,774
93.398-8-TCA009151H	National Institutes of Health	428,533
93.398-8-TCA009287G	National Institutes of Health	408,740
93.398-8-TCA009302G	National Institutes of Health	919,012
93.398-8-TCA009695D 93.398-8-TCA121940A	National Institutes of Health National Institutes of Health	281,628 205,617
93.399-8-RCA118035A	National Institutes of Health	(156)
93.399-8-UCA119367A	National Institutes of Health	411,077
93.399-8-UCA136465A	National Institutes of Health	1,173,963
93745090-HHSN272200800059C	National Institutes of Health	1,640,202
93.837-8-FHL096396A	National Institutes of Health	50,836
93.837-8-FHL097430A	National Institutes of Health	769
93.837-8-FHL097615A	National Institutes of Health	1,822
93.837-8-FHL107113A 93.837-8-FHL110473A	National Institutes of Health National Institutes of Health	(1) 63,040
93.837-8-KHL080567A	National Institutes of Health	125,596
93.837-8-KHL086703A	National Institutes of Health	107,831
93.837-8-KHL086703B	National Institutes of Health	92,868
93.837-8-KHL087746A	National Institutes of Health	616,896
93.837-8-KHL091143A	National Institutes of Health	154,059
93.837-8-KHL091334A	National Institutes of Health	120,508
93.837-8-KHL092233A	National Institutes of Health	126,244
93.837-8-KHL096842A 93.837-8-KHL097022A	National Institutes of Health National Institutes of Health	126,512
93.837-8-KHL097022A 93.837-8-KHL097030A	National Institutes of Health	117,419 9,631
93.837-8-KHL097030A 93.837-8-KHL098688A	National Institutes of Health	118,374
93.837-8-KHL103605A	National Institutes of Health	33,390
93.837-8-KHL105793A	National Institutes of Health	41,444
93.837-8-khl109212A	National Institutes of Health	115,677
93.837-8-KHL109256A	National Institutes of Health	64,198
93.837-8-KHL111345A	National Institutes of Health	49,842
93.837-8-PHL083800A	National Institutes of Health	829,519

Agency	CFDA Number and Contract/Pass Through Award	Federa	al Agency / Pass Through Entity	Amount Expended
	93.837-8-RHL039297E	National Institutes of Health		182,229
	93.837-8-RHL052141D	National Institutes of Health		286,456
	93.837-8-RHL065484E	National Institutes of Health		277,318
	93.837-8-RHL067025B	National Institutes of Health		158,870
	93.837-8-RHL071078B	National Institutes of Health		358,049
	93.837-8-RHL075803B	National Institutes of Health		396,774
	93.837-8-RHL085345A	National Institutes of Health		432,312
	93.837-8-RHL085859B	National Institutes of Health		239,170
	93.837-8-RHL086879B	National Institutes of Health		393,171
	93.837-8-RHL087647A	National Institutes of Health		(5,589)
	93.837-8-RHL089027A	National Institutes of Health		1,054,540
	93.837-8-RHL089116A 93.837-8-RHL089448A	National Institutes of Health National Institutes of Health		506,378 592,163
	93.837-8-RHL089694A	National Institutes of Health		411,936
	93.837-8-RHL089778B	National Institutes of Health		191,537
	93.837-8-RHL093172A	National Institutes of Health		680,410
	93.837-8-RHL093475A	National Institutes of Health		337,541
	93.837-8-RHL095571A	National Institutes of Health		316,894
	93.837-8-RHL096015A	National Institutes of Health		1,185,467
	93.837-8-RHL097516A	National Institutes of Health		406,616
	93.837-8-RHL098782A	National Institutes of Health		86,091
	93.837-8-RHL101388A	National Institutes of Health		302,033
	93.837-8-RHL103635A	National Institutes of Health		451,667
	93.837-8-RHL105299A	National Institutes of Health		333,559
	93.837-8-RHL109512A	National Institutes of Health		651,459
	93.837-8-RHL109750A	National Institutes of Health		241,137
	93.837-8-RHL109806A 93.837-8-RHL112122A	National Institutes of Health		233,748
	93.837-8-RHL112122A 93.837-8-RHL113006A	National Institutes of Health National Institutes of Health		70,057 56,679
	93.837-8-THL007034G	National Institutes of Health		39,946
	93.837-8-THL007034H	National Institutes of Health		412,398
	93.837-8-THL007846C	National Institutes of Health		62,179
	93.837-8-THL094274A	National Institutes of Health		261,608
	93.837-8-THL098049A	National Institutes of Health		271,225
	93.837-8-UHL069291C	National Institutes of Health		127,697
	93.837-8-UHL099776A	National Institutes of Health		898,641
	93.837-8-UHL099995A	National Institutes of Health		1,916,359
	93.837-8-UHL099999A	National Institutes of Health		1,075,080
	93.837-8-UHL100397A	National Institutes of Health		1,525,439
	93.837-8-UHL103629A	National Institutes of Health		1,420,496
	93.837-8-UHL107388A	National Institutes of Health		879,722
	93.837-8-UHL108647A	National Institutes of Health		260,476
	93.837-8-UHL113456A	National Institutes of Health		130,637
	93.837-R00 HL105793	National Institutes of Health		72,609
	93.838-8-KHL079330A 93.838-8-KHL084095A	National Institutes of Health National Institutes of Health		(8)
	93.838-8-KHL107450A	National Institutes of Health		149,531 132,687
	93.838-8-PHL108797A	National Institutes of Health		1,628,172
	93.838-8-RHL060784B	National Institutes of Health		157,633
	93.838-8-RHL070628C	National Institutes of Health		17,359
	93.838-8-RHL074186B	National Institutes of Health		791,955
	93.838-8-RHL086631A	National Institutes of Health		279,779
	93.838-8-RHL087118A	National Institutes of Health		465,097
	93.838-8-RHL090161A	National Institutes of Health		(177,310)
	93.838-8-RHL098683A	National Institutes of Health		199,119
	93.838-8-RHL110822A	National Institutes of Health		78,006
	93.838-8-THL007948B	National Institutes of Health		234,682
	93.838-8-UHL107393A	National Institutes of Health		759,694
	93.839-8-KHL113104A	National Institutes of Health		24,806
	93.839-8-PHL075462A	National Institutes of Health		(39,719)
	93.839-8-PHL075462B	National Institutes of Health		1,418,686
	93.839-8-RHL057530C	National Institutes of Health		(1,531)
	93.839-8-RHL058770C	National Institutes of Health		438,438
	93.839-8-RHL064274C	National Institutes of Health		653,501
	93.839-8-RHL075826C	National Institutes of Health		193,590
	93.839-8-RHL081612A 93.839-8-RHL087240A	National Institutes of Health National Institutes of Health		7,495 (2,586)
	93.839-8-RHL092096A	National Institutes of Health		(2,586)
	75.657 5 MILU72070M			570,520

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	93.839-8-RHL096113A	National Institutes of Health		581,962
	93.839-8-RHL097561B	National Institutes of Health		145,444
	93.839-8-RHL106023A	National Institutes of Health		583,741
	93.839-8-THL007952B	National Institutes of Health		12,564
	93.839-8-THL007952C	National Institutes of Health		207,931
	93.839-8-THL007970B	National Institutes of Health		128,682
	93.839-8-UHL069291B	National Institutes of Health		(7,571)
	93.846-8-FAR057648A	National Institutes of Health		4,955
	93.846-8-FAR061230A	National Institutes of Health		57,673
	93.846-8-KAR056736A	National Institutes of Health		55,803
	93.846-8-KAR056772A 93.846-8-KAR059760A	National Institutes of Health National Institutes of Health		86,765
	93.846-8-KAR061414A	National Institutes of Health		97,702 106,138
	93.846-8-KAR061465A	National Institutes of Health		87,410
	93.846-8-KAR062068A	National Institutes of Health		52,755
	93.846-8-R7AR42236D	National Institutes of Health		306,926
	93.846-8-RAR039421D	National Institutes of Health		432,558
	93.846-8-RAR042527F	National Institutes of Health		153,863
	93.846-8-RAR043799C	National Institutes of Health		291,432
	93.846-8-RAR045192C	National Institutes of Health		306,887
	93.846-8-RAR046786B	National Institutes of Health		134,125
	93.846-8-RAR046786C	National Institutes of Health		93,627
	93.846-8-RAR047223C	National Institutes of Health		376,624
	93.846-8-RAR049737B	National Institutes of Health		240,779
	93.846-8-RAR052785A	National Institutes of Health		173,750
	93.846-8-RAR052861B	National Institutes of Health		88,787
	93.846-8-RAR054458B	National Institutes of Health		441,288
	93.846-8-RAR054458C	National Institutes of Health		32,441
	93.846-8-RAR054594A	National Institutes of Health		223,625
	93.846-8-RAR054780A 93.846-8-RAR054926B	National Institutes of Health National Institutes of Health		261,661 298,293
	93.846-8-RAR055650A	National Institutes of Health		(2,617)
	93.846-8-RAR055650B	National Institutes of Health		25,657
	93.846-8-RAR055914A	National Institutes of Health		519,159
	93.846-8-RAR057837B	National Institutes of Health		356,496
	93.846-8-RAR059861B	National Institutes of Health		148,247
	93.846-8-RAR061297A	National Institutes of Health		470,638
	93.846-8-RAR062359A	National Institutes of Health		168,273
	93.846-8-TAR007422F	National Institutes of Health		82,564
	93.846-8-TAR007422G	National Institutes of Health		49,128
	93.846-8-TAR050942B	National Institutes of Health		258,934
	93.846-8-UAR045583B	National Institutes of Health		252,000
	93.846-8-UAR052158B	National Institutes of Health		128,343
	93.847-8-FDK084697A	National Institutes of Health		73,836
	93.847-8-FDK0888445A	National Institutes of Health		80
	93.847-8-FDK089643A	National Institutes of Health		58,700
	93.847-8-FDK093191A	National Institutes of Health		21,738
	93.847-8-FDK096702A	National Institutes of Health		1,497
	93.847-8-KDK071648B 93.847-8-KDK071716A	National Institutes of Health National Institutes of Health		2,571 6,066
	93.847-8-KDK077053B	National Institutes of Health		18,898
	93.847-8-KDK080463A	National Institutes of Health		6,219
	93.847-8-KDK085446A	National Institutes of Health		104,966
	93.847-8-KDK087895A	National Institutes of Health		118,415
	93.847-8-KDK087937A	National Institutes of Health		156,911
	93.847-8-KDK088877A	National Institutes of Health		157,768
	93.847-8-KDK088942A	National Institutes of Health		148,251
	93.847-8-KDK088956A	National Institutes of Health		11,326
	93.847-8-KDK089086A	National Institutes of Health		126,857
	93.847-8-KDK091359A	National Institutes of Health		129,345
	93.847-8-KDK093709A	National Institutes of Health		120,776
	93.847-8-KDK095921A	National Institutes of Health		12,128
	93.847-8-PDK056339B	National Institutes of Health		447,310
	93.847-8-R1DK31450H	National Institutes of Health		680,884
	93.847-8-RDK037332F	National Institutes of Health		420,542
	93.847-8RDK043743D	National Institutes of Health		138,072
	93.847-8-RDK060715B	National Institutes of Health		41,131
	93.847-8-RDK063158B	National Institutes of Health		280,198

93.847-8-RDK063624BNational Institutes of Health93.847-8-RDK070652ANational Institutes of Health93.847-8-RDK071309ANational Institutes of Health93.847-8-RDK072288ANational Institutes of Health93.847-8-RDK07248ANational Institutes of Health93.847-8-RDK072416ANational Institutes of Health93.847-8-RDK073377ANational Institutes of Health93.847-8-RDK073558BNational Institutes of Health93.847-8-RDK075558National Institutes of Health93.847-8-RDK075950National Institutes of Health93.847-8-RDK075919ANational Institutes of Health93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK08020ANational Institutes of Health93.847-8-RDK08313ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK08	180,729 (78) 3,994 76,650 164,853 (30) (17,196) 621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051 1,620,605
93.847-8-RDK071309ANational Institutes of Health93.847-8-RDK072288ANational Institutes of Health93.847-8-RDK073377ANational Institutes of Health93.847-8-RDK073558BNational Institutes of Health93.847-8-RDK073558BNational Institutes of Health93.847-8-RDK074095DNational Institutes of Health93.847-8-RDK075919ANational Institutes of Health93.847-8-RDK078248National Institutes of Health93.847-8-RDK078215ANational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083417ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847	3,994 76,650 164,853 (30) (17,196) 621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847.8-RDK072288ANational Institutes of Health93.847.8-RDK073416ANational Institutes of Health93.847.8-RDK073377ANational Institutes of Health93.847.8-RDK073558BNational Institutes of Health93.847.8-RDK074095DNational Institutes of Health93.847.8-RDK075919ANational Institutes of Health93.847.8-RDK078424BNational Institutes of Health93.847.8-RDK079215ANational Institutes of Health93.847.8-RDK080436ANational Institutes of Health93.847.8-RDK080436ANational Institutes of Health93.847.8-RDK08020ANational Institutes of Health93.847.8-RDK082537ANational Institutes of Health93.847.8-RDK083417ANational Institutes of Health93.847.8-RDK083613ANational Institutes of Health93.847.8-RDK085025ANational Institutes of Health93.847.8-RDK085426ANational Institutes of Health93.847	76,650 164,853 (30) (17,196) 621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK072416ANational Institutes of Health93.847-8-RDK073377ANational Institutes of Health93.847-8-RDK073558BNational Institutes of Health93.847-8-RDK074095DNational Institutes of Health93.847-8-RDK075919ANational Institutes of Health93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK079215ANational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083417ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK08254ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK08254ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085126ANational Institutes of Health93.847-	164,853 (30) (17,196) 621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK073377ANational Institutes of Health93.847-8-RDK073558BNational Institutes of Health93.847-8-RDK074095DNational Institutes of Health93.847-8-RDK075919ANational Institutes of Health93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK079215ANational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK08247ANational Institutes of Health93.847-8-RDK083413ANational Institutes of Health93.847-8-RDK08253ANational Institutes of Health93.847-8-RDK08254ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK08254ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-	(30) (17,196) 621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847.8-RDK073558BNational Institutes of Health93.847.8-RDK074095DNational Institutes of Health93.847.8-RDK075919ANational Institutes of Health93.847.8-RDK078424BNational Institutes of Health93.847.8-RDK07215ANational Institutes of Health93.847.8-RDK080920ANational Institutes of Health93.847.8-RDK080920ANational Institutes of Health93.847.8-RDK082537ANational Institutes of Health93.847.8-RDK083447ANational Institutes of Health93.847.8-RDK083417ANational Institutes of Health93.847.8-RDK082537ANational Institutes of Health93.847.8-RDK083417ANational Institutes of Health93.847.8-RDK08253ANational Institutes of Health93.847.8-RDK083613ANational Institutes of Health93.847.8-RDK085055ANational Institutes of Health93.847.8-RDK085426ANational Institutes of Health93.847.	(17,196) 621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK074095DNational Institutes of Health93.847-8-RDK075919ANational Institutes of Health93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK079215ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085055ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.84	621,488 (70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK075919ANational Institutes of Health93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK080215ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK0805237ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085055ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.8	(70) 740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK078424BNational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK08255ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK08136ANational Institutes of Health	740,919 319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK079215ANational Institutes of Health93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK088136ANational Institutes of Health	319,204 262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK080436ANational Institutes of Health93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK08136ANational Institutes of Health	262,613 204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK080920ANational Institutes of Health93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK08136ANational Institutes of Health	204,213 568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK082537ANational Institutes of Health93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK088136ANational Institutes of Health	568,741 96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK083447ANational Institutes of Health93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK088136ANational Institutes of Health	96,930 45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK083613ANational Institutes of Health93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK088136ANational Institutes of Health	45,842 262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK085025ANational Institutes of Health93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK088136ANational Institutes of Health	262,767 11,205 214,092 66,627 391,910 297,051
93.847-8-RDK085426ANational Institutes of Health93.847-8-RDK088136ANational Institutes of Health	11,205 214,092 66,627 391,910 297,051
93.847-8-RDK088136A National Institutes of Health	214,092 66,627 391,910 297,051
	66,627 391,910 297,051
	391,910 297,051
93.847-8-RDK090065B National Institutes of Health	297,051
93.847-8-RDK090181A National Institutes of Health	
93.847-8-RDK090992A National Institutes of Health	
93.847-8-RDK091565A National Institutes of Health	385,928
93.847-8-RDK092421A National Institutes of Health	365,170
93.847-8-RDK092509A National Institutes of Health	48,093
93.847-8-RDK094521A National Institutes of Health	49,342
93.847-8-RDK096038A National Institutes of Health	6,259
93.847-8-TDK007056G National Institutes of Health	232,181
93.847-8-TDK007217G National Institutes of Health	252,705
93.847-8-TDK007357F National Institutes of Health	251,073
93.847-8-UDK061042B National Institutes of Health	540,583
93.847-8-UDK073983B National Institutes of Health	57,208
93.847-8-UDK073983C National Institutes of Health	163,607
93.847-8-UDK078123A National Institutes of Health	325,227
93.847-8-UDK085527A National Institutes of Health	580,832
93.847-8-UDK089532A National Institutes of Health	848,532
93.848-8-RDK073006A National Institutes of Health	52,282
93.849-8-P1DK53074B National Institutes of Health	(876)
93.849-8-UDK066481C National Institutes of Health	315,336
93.853-8-FNS061431A National Institutes of Health 93.853-8-FNS062615A National Institutes of Health	45,817 10,561
93.853-8-FNS064771A National Institutes of Health 93.853-8-FNS065664A National Institutes of Health	4,695 29,427
93.853-8-FNS065718A National Institutes of Health	46,895
93.853-8-FNS067754A National Institutes of Health	51,481
93.853-8-FNS067896A National Institutes of Health	43,599
93.853-8-FNS070420A National Institutes of Health	48,118
93.853-8-FNS073353A National Institutes of Health	31,864
93.853-8-FNS076222A National Institutes of Health	49,030
93.853-8-KNS049648A National Institutes of Health	(105,581)
93.853-8-KNS051372A National Institutes of Health	59,443
93.853-8-KNS065116A National Institutes of Health	174,838
93.853-8-KNS069617A National Institutes of Health	129,665
93.853-8-KNS070821A National Institutes of Health	91,223
93.853-8-KNS070926A National Institutes of Health	167,194
93.853-8-KNS075097A National Institutes of Health	160,176
93.853-8-KNS075099A National Institutes of Health	82,775
93.853-8-KNS078118A National Institutes of Health	27,680
93.853-8-P0NS12151G National Institutes of Health	1,434
93.853-8-PNS012151H National Institutes of Health	858,191
93.853-8-PNS014543H National Institutes of Health	967,514
93.853-8-PNS023724E National Institutes of Health	59,418
93.853-8-PNS023724F National Institutes of Health	1,091,250
93.853-8-PNS053862A National Institutes of Health	(13,868)
93.853-8-PNS069375A National Institutes of Health	778,402
93.853-8-RNS006477J National Institutes of Health	392,207
93.853-8-RNS025372F National Institutes of Health	416,240

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	93.853-8-RNS027292D	National Institutes of Health		10,896
	93.853-8-RNS028471E	National Institutes of Health		112,698
	93.853-8-RNS028471F	National Institutes of Health		297,669
	93.853-8-RNS034774D	National Institutes of Health		161
	93.853-8-RNS034774E	National Institutes of Health		310,446
	93.853-8-RNS034866C	National Institutes of Health		117,428
	93.853-8-RNS034950E	National Institutes of Health		269,473
	93.853-8-RNS036147D	National Institutes of Health		(5,785)
	93.853-8-RNS038653C 93.853-8-RNS039110C	National Institutes of Health National Institutes of Health		247,272 361,871
	93.853-8-RNS039579C	National Institutes of Health		416,799
	93.853-8-RNS040276C	National Institutes of Health		361,748
	93.853-8-RNS041044C	National Institutes of Health		412,092
	93.853-8-RNS042842C	National Institutes of Health		223,603
	93.853-8-RNS042842D	National Institutes of Health		79,930
	93.853-8-RNS043167D	National Institutes of Health		152,938
	93.853-8-RNS045684B	National Institutes of Health		124,911
	93.853-8-RNS045684C	National Institutes of Health		68,335
	93.853-8-RNS045727C	National Institutes of Health		606,969
	93.853-8-RNS046789B	National Institutes of Health		452,297
	93.853-8-RNS047607B 93.853-8-RNS047715B	National Institutes of Health National Institutes of Health		690,291 407,470
	93.853-8-RNS048392B	National Institutes of Health		315,386
	93.853-8-RNS048425C	National Institutes of Health		578,427
	93.853-8-RNS050223C	National Institutes of Health		395,331
	93.853-8-RNS050249B	National Institutes of Health		145,731
	93.853-8-RNS050417A	National Institutes of Health		75,757
	93.853-8-RNS050835B	National Institutes of Health		299,892
	93.853-8-RNS053898A	National Institutes of Health		118,007
	93.853-8-RNS053898B	National Institutes of Health		148,063
	93.853-8-RNS053961A	National Institutes of Health		221,348
	93.853-8-RNS054283A	National Institutes of Health		(5,848)
	93.853-8-RNS055997A 93.853-8-RNS056592B	National Institutes of Health National Institutes of Health		188,890 26,166
	93.853-8-RNS057750A	National Institutes of Health		(4,526)
	93.853-8-RNS057906B	National Institutes of Health		162,056
	93.853-8-RNS058784A	National Institutes of Health		333,283
	93.853-8-RNS060897A	National Institutes of Health		298,239
	93.853-8-RNS061147A	National Institutes of Health		(3,182)
	93.853-8-RNS062798A	National Institutes of Health		770,934
	93.853-8-RNS063210A	National Institutes of Health		(2,704)
	93.853-8-RNS064136A	National Institutes of Health		297,273
	93.853-8-RNS064517A	National Institutes of Health		380,028
	93.853-8-RNS065317B 93.853-8-RNS065435A	National Institutes of Health National Institutes of Health		100,510 134,884
	93.853-8-RNS065741A	National Institutes of Health		(7,447)
	93.853-8-RNS065787A	National Institutes of Health		430,504
	93.853-8-RNS066311A	National Institutes of Health		912,870
	93.853-8-RNS066506A	National Institutes of Health		590,046
	93.853-8-RNS067066B	National Institutes of Health		206,406
	93.853-8-RNS067132A	National Institutes of Health		296,913
	93.853-8-RNS070064A	National Institutes of Health		77,898
	93.853-8-RNS070698A	National Institutes of Health		46,077
	93.853-8-RNS071024A	National Institutes of Health		131,291
	93.853-8-RNS071221A	National Institutes of Health		206,084
	93.853-8-RNS072406A 93.853-8-RNS072556A	National Institutes of Health National Institutes of Health		378,001 301,835
	93.853-8-RNS072942A 93.853-8-RNS072942A	National Institutes of Health		8,168
	93.853-8-RNS073498A	National Institutes of Health		557,225
	93.853-8-RNS073691A	National Institutes of Health		181,007
	93.853-8-RNS074130A	National Institutes of Health		187,779
	93.853-8-RNS074785A	National Institutes of Health		2,105
	93.853-8-RNS075209A	National Institutes of Health		181,981
	93.853-8-RNS075252A	National Institutes of Health		424,408
	93.853-8-RNS076756A	National Institutes of Health		107,738
	93.853-8-RNS076860A	National Institutes of Health		320,742
	93.853-8-RNS076948A 93.853-8-RNS077906A	National Institutes of Health National Institutes of Health		170,928 552,057
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Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	93.853-8-RNS078396A	National Institutes of Health		103,261
	93.853-8-TNS007280E	National Institutes of Health		8,420
	93.853-8-TNS007280F	National Institutes of Health		141,387
	93.853-8-UNS058929A	National Institutes of Health		237,138
	93.853-8-UNS073581A	National Institutes of Health		390,498
	93.855-8-FAI080093A	National Institutes of Health		235
	93.855-8-FAI085959A	National Institutes of Health		52,307
	93.855-8-FAI089080A	National Institutes of Health		38,260
	93.855-8-FAI089085A 93.855-8-FAI098584A	National Institutes of Health National Institutes of Health		46,747
	93.855-8-KAI067458A			29,501
	93.855-8-KAI079268A 93.855-8-KAI079268A	National Institutes of Health National Institutes of Health		7,365 130,205
	93.855-8-KAI079266A 93.855-8-KAI079266A	National Institutes of Health		116.858
	93.855-8-KAI079406A	National Institutes of Health		112,513
	93.855-8-KAI080945A	National Institutes of Health		112,277
	93.855-8-KAI084582A	National Institutes of Health		131,363
	93.855-8-KAI091688A	National Institutes of Health		114,260
	93.855-8-KAI097322A	National Institutes of Health		44,010
	93.855-8-KAI104401A	National Institutes of Health		17,602
	93.855-8-RAI008619H	National Institutes of Health		358,365
	93.855-8-RAI017892G	National Institutes of Health		303,833
	93.855-8-RAI020459G	National Institutes of Health		422,205
	93.855-8-RAI021144F	National Institutes of Health		1,037,296
	93.855-8-RAI021423F	National Institutes of Health		574,130
	93.855-8-RAI022039E	National Institutes of Health		254,233
	93.855-8-RAI022511F	National Institutes of Health		348,747
	93.855-8-RAI02277A	National Institutes of Health		3,057
	93.855-8-RAI023990F 93.855-8-RAI024258F	National Institutes of Health National Institutes of Health		(2,099) 260,217
	93.855-8-RAI031168D	National Institutes of Health		256,965
	93.855-8-RAI036929E	National Institutes of Health		303,936
	93.855-8-RAI037683C	National Institutes of Health		180,018
	93.855-8-RAI038459C	National Institutes of Health		5,072
	93.855-8-RAI039624C	National Institutes of Health		276,668
	93.855-8-RAI041014C	National Institutes of Health		87,247
	93.855-8-RAI041769D	National Institutes of Health		322,788
	93.855-8-RAI042801B	National Institutes of Health		273,855
	93.855-8-RAI044095C	National Institutes of Health		73,001
	93.855-8-RAI044142D	National Institutes of Health		266,982
	93.855-8-RAI047365C	National Institutes of Health		387,243
	93.855-8-RAI048540B	National Institutes of Health		5,136
	93.855-8-RAI048540C	National Institutes of Health		284,254
	93.855-8-RAI051321B	National Institutes of Health		292,528
	93.855-8-RAI053724B	National Institutes of Health National Institutes of Health		483,723
	93.855-8-RAI053846B 93.855-8-RAI066922A	National Institutes of Health		473,830 992,017
	93.855-8-RAI060922A 93.855-8-RAI067712A	National Institutes of Health		122,188
	93.855-8-RAI068577A	National Institutes of Health		178,198
	93.855-8-RAI068581A	National Institutes of Health		167,047
	93.855-8-RAI069000B	National Institutes of Health		431,561
	93.855-8-RAI069164A	National Institutes of Health		257,182
	93.855-8-RAI070813A	National Institutes of Health		(6,013)
	93.855-8-RAI071068A	National Institutes of Health		(767)
	93.855-8-RAI071068B	National Institutes of Health		277,541
	93.855-8-RAI072666B	National Institutes of Health		132,737
	93.855-8-RAI073724A	National Institutes of Health		311,524
	93.855-8-RAI073756A	National Institutes of Health		218,239
	93.855-8-RAI073756B	National Institutes of Health		83,597
	93.855-8-RAI076434B	National Institutes of Health		100,229
	93.855-8-RAI077395A	National Institutes of Health		(42,623)
	93.855-8-RAI077599A	National Institutes of Health		687,748
	93.855-8-RAI077737A	National Institutes of Health		428,809
	93.855-8-RAI078947A	National Institutes of Health		437,978
	93.855-8-RAI083628A	National Institutes of Health		289,165
	93.855-8-RAI083757A 93.855-8-RAI085024A	National Institutes of Health National Institutes of Health		546,349 508,138
	93.855-8-RAI085178A	National Institutes of Health		184,007
	93.855-8-RAI085268A	National Institutes of Health		389,931
				307,731

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	93.855-8-RAI085575A	National Institutes of Health		433,632
	93.855-8-RAI087917A	National Institutes of Health		356,109
	93.855-8-RAI088042A	National Institutes of Health		49,646
	93.855-8-RAI088541A	National Institutes of Health		258,025
	93.855-8-RAI089722A	National Institutes of Health		355,928
	93.855-8-RAI090448A	National Institutes of Health		156,878
	93.855-8-RAI093625A	National Institutes of Health		523,859
	93.855-8-RAI094887A	National Institutes of Health		265,534
	93.855-8-RAI095396A	National Institutes of Health		226,522
	93.855-8-RAI095813A	National Institutes of Health		292,811
	93.855-8-RAI095838A 93.855-8-RAI097633A	National Institutes of Health National Institutes of Health		232,070
	93.855-8-RAI097633A 93.855-8-RAI098519A	National Institutes of Health		113,880 68,689
	93.855-8-RAI099245A	National Institutes of Health		172,656
	93.855-8-RAI100121A	National Institutes of Health		76,905
	93.855-8-RAI102260A	National Institutes of Health		28,392
	93.855-8-RAI102546A	National Institutes of Health		80,528
	93.855-8-TAI007290E	National Institutes of Health		15,057
	93.855-8-TAI007290F	National Institutes of Health		1,114,257
	93.855-8-TAI007328D	National Institutes of Health		3
	93.855-8-TAI007502D	National Institutes of Health		46,466
	93.855-8-TAI052073B	National Institutes of Health		126,725
	93.855-8-TAI078896A	National Institutes of Health		129,110
	93.855-8-UAI069556A	National Institutes of Health		917,242
	93.855-8-UAI082719A	National Institutes of Health		655,116
	93.855-8-UAI090019A	National Institutes of Health		3,565,605
	93.855-8-UAI090905A	National Institutes of Health		561,059
	93.856-8-TAI007328E	National Institutes of Health		586,535
	93.856-8-UAI057229B	National Institutes of Health		3,064,376
	93.859-8-FGM085914A	National Institutes of Health		17,314
	93.859-8-FGM086093A	National Institutes of Health		34,955
	93.859-8-FGM087069B	National Institutes of Health		17,972
	93.859-8-FGM087896A	National Institutes of Health		31,214
	93.859-8-FGM088966A	National Institutes of Health		52,512
	93.859-8-FGM088980A	National Institutes of Health		50,900
	93.859-8-FGM088981A	National Institutes of Health		3,766
	93.859-8-FGM089033A	National Institutes of Health		50,714
	93.859-8-FGM089218A	National Institutes of Health		47,995
	93.859-8-FGM090545A	National Institutes of Health		34,429
	93.859-8-FGM090549A	National Institutes of Health		39,357
	93.859-8-FGM090660A 93.859-8-FGM093467A	National Institutes of Health National Institutes of Health		55,577 50,957
	93.859-8-FGM093508A 93.859-8-FGM093508A	National Institutes of Health		49,490
	93.859-8-FGM093535A	National Institutes of Health		45,057
	93.859-8-FGM095157A	National Institutes of Health		38,285
	93.859-8-FGM096609A	National Institutes of Health		52,039
	93.859-8-FGM097837A	National Institutes of Health		50,561
	93.859-8-FGM097839A	National Institutes of Health		49,671
	93.859-8-FGM099173A	National Institutes of Health		50,664
	93.859-8-FGM099248A	National Institutes of Health		48,868
	93.859-8-FGM099442A	National Institutes of Health		51,763
	93.859-8-FGM100732A	National Institutes of Health		24,487
	93.859-8-FGM101747A	National Institutes of Health		11,362
	93.859-8-FGM103071A	National Institutes of Health		4,020
	93.859-8-K99 GM102288	National Institutes of Health		3,709
	93.859-8-KGM070972A	National Institutes of Health		(8,529)
	93.859-8-KGM088033A	National Institutes of Health		435,660
	93.859-8-KGM098880A	National Institutes of Health		111,215
	93.859-8-KGM100273A	National Institutes of Health		183,074
	93.859-8-PGM099130A	National Institutes of Health		1,870,685
	93.859-8-R7GM41455E	National Institutes of Health		284,228
	93.859-8-R7GM49243D	National Institutes of Health		164,482
	93.859-8-RDK051817C	National Institutes of Health		(1,786)
	93.859-8-RGM027738H	National Institutes of Health		341,342
	93.859-8-RGM028016G	National Institutes of Health		212,546
	93.859-8-RGM030179G	National Institutes of Health		601,835
	93.859-8-RGM032506I	National Institutes of Health		671,675
	93.859-8-RGM033049H	National Institutes of Health		489,646

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	93.859-8-RGM033289G	National Institutes of Health		378,251
	93.859-8-RGM033289H	National Institutes of Health		424,697
	93.859-8-RGM035527G	National Institutes of Health		789,057
	93.859-8-RGM036659F	National Institutes of Health		601,970
	93.859-8-RGM037706H	National Institutes of Health		483,860
	93.859-8-RGM040392G	National Institutes of Health		466,423
	93.859-8-RGM045374E	National Institutes of Health		416,226
	93.859-8-RGM045374F	National Institutes of Health		29,324
	93.859-8-RGM046383G	National Institutes of Health		542,317
	93.859-8-RGM048729E	National Institutes of Health		427,899
	93.859-8-RGM049831E 93.859-8-RGM049985E	National Institutes of Health National Institutes of Health		181,086
	93.859-8-RGM050730D	National Institutes of Health		550,676 193,396
	93.859-8-RGM051266F	National Institutes of Health		487,228
	93.859-8-RGM051426E	National Institutes of Health		443,376
	93.859-8-RGM051453E	National Institutes of Health		186,366
	93.859-8-RGM052022D	National Institutes of Health		406,734
	93.859-8-RGM053804D	National Institutes of Health		506,967
	93.859-8-RGM056169D	National Institutes of Health		535,504
	93.859-8-RGM056433C	National Institutes of Health		(14,028)
	93.859-8-RGM057035E	National Institutes of Health		585,908
	93.859-8-RGM058234C	National Institutes of Health		7,212
	93.859-8-RGM059823C	National Institutes of Health		343,781
	93.859-8-RGM061050D	National Institutes of Health		182,989
	93.859-8-RGM061137C	National Institutes of Health		321,988
	93.859-8-RGM061276C	National Institutes of Health		340,787
	93.859-8-RGM061374C	National Institutes of Health		2,878,936
	93.859-8-RGM061986D	National Institutes of Health		412,542
	93.859-8-RGM062480C	National Institutes of Health		374,941
	93.859-8-RGM062868C	National Institutes of Health		383,438
	93.859-8-RGM063702C 93.859-8-RGM063817C	National Institutes of Health National Institutes of Health		434,589 555,453
	93.859-8-RGM064798B	National Institutes of Health		528,128
	93.859-8-RGM067201B	National Institutes of Health		41,521
	93.859-8-RGM067268B	National Institutes of Health		165,843
	93.859-8-RGM068122B	National Institutes of Health		142,684
	93.859-8-RGM068589B	National Institutes of Health		101,210
	93.859-8-RGM068717B	National Institutes of Health		59,318
	93.859-8-RGM068717C	National Institutes of Health		506,031
	93.859-8-RGM068886B	National Institutes of Health		309,151
	93.859-8-RGM069630B	National Institutes of Health		99,949
	93.859-8-RGM070773A	National Institutes of Health		(198)
	93.859-8-RGM072705E	National Institutes of Health		243,527
	93.859-8-RGM073046B	National Institutes of Health		187,345
	93.859-8-RGM074074B	National Institutes of Health		293,708
	93.859-8-RGM074728B	National Institutes of Health		349,934
	93.859-8-RGM074874B	National Institutes of Health		456,142
	93.859-8-RGM076147B 93.859-8-RGM079641A	National Institutes of Health		47,026 71,299
	93.859-8-RGM07904TA 93.859-8-RGM079719A	National Institutes of Health National Institutes of Health		29,888
	93.859-8-RGM079719B	National Institutes of Health		346,945
	93.859-8-RGM080501B	National Institutes of Health		348,943
	93.859-8-RGM081441B	National Institutes of Health		265,846
	93.859-8-RGM083118A	National Institutes of Health		183,534
	93.859-8-RGM083118B	National Institutes of Health		7,924
	93.859-8-RGM083606B	National Institutes of Health		46,161
	93.859-8-RGM085212B	National Institutes of Health		184,335
	93.859-8-RGM085437A	National Institutes of Health		243,285
	93.859-8-RGM086196A	National Institutes of Health		680,653
	93.859-8-RGM086196B	National Institutes of Health		29,019
	93.859-8-RGM086579A	National Institutes of Health		325,839
	93.859-8-RGM086587A	National Institutes of Health		441,090
	93.859-8-RGM086632A	National Institutes of Health		163,486
	93.859-8-RGM086663A	National Institutes of Health		179,003
	93.859-8-RGM086884A	National Institutes of Health		149,937
	93.859-8-RGM087292A	National Institutes of Health		255,955
	93.859-8-RGM087609A	National Institutes of Health		223,549
	93.859-8-RGM087934D	National Institutes of Health		314,779

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	93.859-8-RGM089926A	National Institutes of Health		365,116
	93.859-8-RGM089933A	National Institutes of Health		176,222
	93.859-8-RGM089985B	National Institutes of Health		129,977
	93.859-8-RGM092925A	National Institutes of Health		319,763
	93.859-8-RGM093628A	National Institutes of Health		936,220
	93.859-8-RGM095346A	National Institutes of Health		365,975
	93.859-8-RGM095555A	National Institutes of Health		382,684
	93.859-8-RGM095653A 93.859-8-RGM095948A	National Institutes of Health National Institutes of Health		271,813 143,022
	93.859-8-RGM097015A	National Institutes of Health		252,051
	93.859-8-RGM097081A	National Institutes of Health		147,941
	93.859-8-RGM097171A	National Institutes of Health		51,072
	93.859-8-RGM097463A	National Institutes of Health		19,777
	93.859-8-RGM098582A	National Institutes of Health		513,487
	93.859-8-RGM098734A	National Institutes of Health		399,011
	93.859-8-RGM100315A	National Institutes of Health		63,179
	93.859-8-RGM100366A 93.859-8-RGM100489A	National Institutes of Health National Institutes of Health		78,257 75,553
	93.859-8-RGM100953A	National Institutes of Health		124,131
	93.859-8-RGM102498A	National Institutes of Health		216
	93.859-8-TGM007276H	National Institutes of Health		1,572,599
	93.859-8-TGM007365H	National Institutes of Health		871,796
	93.859-8-TGM007365I	National Institutes of Health		233,177
	93.859-8-TGM007790G	National Institutes of Health		698,017
	93.859-8-TGM008294E	National Institutes of Health		261,056
	93.859-8-TGM008294F	National Institutes of Health		80,221
	93.859-8-TGM008412D 93.859-8-TGM067586B	National Institutes of Health		402,759 273,411
	93.859-8-TGM087580B 93.859-8-TGM089626A	National Institutes of Health National Institutes of Health		259,515
	93.859-8-UGM072970B	National Institutes of Health		2,962,143
	93.859-RGM045374F	National Institutes of Health		50,169
	93.865-8-FHD061204A	National Institutes of Health		54,591
	93.865-8-FHD062137A	National Institutes of Health		(1,133)
	93.865-8-FHD062185A	National Institutes of Health		39,521
	93.865-8-FHD063234A	National Institutes of Health		52,276
	93.865-8-FHD067154A	National Institutes of Health		45,488
	93.865-8-FHD072627A 93.865-8-KHD051494A	National Institutes of Health National Institutes of Health		22,204 (342)
	93.865-8-KHD051595A	National Institutes of Health		122,122
	93.865-8-KHD054720A	National Institutes of Health		74,198
	93.865-8-KHD065741A	National Institutes of Health		64,783
	93.865-8-KHD065873A	National Institutes of Health		105,203
	93.865-8-RHD046500A	National Institutes of Health		106,804
	93.865-8-RHD047520B	National Institutes of Health		647,982
	93.865-8-RHD049653A 93.865-8-RHD055391A	National Institutes of Health National Institutes of Health		9,197 161.135
	93.865-8-RHD0535970A	National Institutes of Health		365,003
	93.865-8-RHD059205A	National Institutes of Health		684,160
	93.865-8-RHD060957A	National Institutes of Health		94,253
	93.865-8-RHD061709A	National Institutes of Health		203,462
	93.865-8-RHD063142A	National Institutes of Health		961,618
	93.865-8-RHD065690A	National Institutes of Health		771,007
	93.865-8-RHD066098A	National Institutes of Health		(3)
	93.865-8-RHD068981A 93.865-8-RHD069150A	National Institutes of Health National Institutes of Health		175,028 533,301
	93.865-8-RHD069150A 93.865-8-RHD069162A	National Institutes of Health		28,907
	93.865-8-RHD070795A	National Institutes of Health		3,718
	93.865-8-RHD071446A	National Institutes of Health		110,206
	93.865-8-THD007249F	National Institutes of Health		305,852
	93.865-8-UHD027880E	National Institutes of Health		406,080
	93.865-8-UHD041908B	National Institutes of Health		176,455
	93.865-8-UHD068158A	National Institutes of Health		2,163,571
	93.865-8-UHD068268A 93.865-FHD071755A	National Institutes of Health National Institutes of Health		335,907 23,981
	93.866-8-FAG032168A	National Institutes of Health		4,777
	93.866-8-FAG034045A	National Institutes of Health		4,777
	93.866-8-FAG034783A	National Institutes of Health		53,196
	93.866-8-FAG035521A	National Institutes of Health		36,020

Agency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
93.866-8-FAG037254A	National Institutes of Health	43,091
93.866-8-KAG028952B	National Institutes of Health	221,167
93.866-8-KAG028961A	National Institutes of Health	16,077
93.866-8-KAG037593A	National Institutes of Health	117,215
93.866-8-KAG040149A	National Institutes of Health	28,215
93.866-8-KAG042491A	National Institutes of Health	2,666
93.866-8-PAG017253C	National Institutes of Health	466,030
93.866-8-PAG024957B	National Institutes of Health	338,773
93.866-8-PAG036695A	National Institutes of Health	1,674,838
93.866-8-RAG008816E	National Institutes of Health	324,077
93.866-8-RAG009521E	National Institutes of Health	517,390
93.866-8-RAG017919B	National Institutes of Health	222,715
93.866-8-RAG020961B	National Institutes of Health	215,630
93.866-8-RAG023038A	National Institutes of Health	5,241
93.866-8-RAG025016C	National Institutes of Health	288,467
93.866-8-RAG025941A	National Institutes of Health	229,904
93.866-8-RAG026291C	National Institutes of Health	679,786
93.866-8-RAG029124A	National Institutes of Health	165,762
93.866-8-RAG030209A	National Institutes of Health	369,301
93.866-8-RAG030778A	National Institutes of Health	(42)
93.866-8-RAG031198A	National Institutes of Health	353,533
93.866-8-RAG032029A	National Institutes of Health	21,512
93.866-8-RAG033747A	National Institutes of Health	262,740
93.866-8-RAG034639A	National Institutes of Health	265,941
93.866-8-RAG037968A	National Institutes of Health	374,841
93.866-8-RAG038771A	National Institutes of Health	153,545
93.866-8-RAG039099A	National Institutes of Health	306,728
93.866-8-RAG039345A	National Institutes of Health	262,035
93.866-8-RAG039350A	National Institutes of Health	79,129
93.866-8-RAG039420A	National Institutes of Health	245,615
93.866-8-RAG040360A	National Institutes of Health	231,852
93.866-8-RAG041112A	National Institutes of Health	126,394
93.866-8-RAG042194A	National Institutes of Health	53,886
93.866-8-UAG032225A	National Institutes of Health	761,348
93.867-8-FEY019224A	National Institutes of Health	650
93.867-8-FEY019815B	National Institutes of Health	66,526
93.867-8-FEY020040A	National Institutes of Health	48,698
93.867-8-FEY021389A	National Institutes of Health	50,226
93.867-8-FEY022294A	National Institutes of Health	22,915
93.867-8-KEY018668B	National Institutes of Health	266,834
93.867-8-KEY022116A	National Institutes of Health	42,983
93.867-8-REY002858I	National Institutes of Health	42,963
93.867-8-REY003164G	National Institutes of Health	286,487
93.867-8-REY008411E	National Institutes of Health	356,681
93.867-8-REY010257D	National Institutes of Health	363,903
93.867-8-REY011310D	National Institutes of Health	271,852
93.867-8-REY011405C	National Institutes of Health	168,867
93.867-8-REY011916E	National Institutes of Health	118,861
93.867-8-REY012114D	National Institutes of Health	288,988
93.867-8-REY014924C	National Institutes of Health	439,206
93.867-8-REY015000B	National Institutes of Health	423,439
93.867-8-REY015790C	National Institutes of Health	429,708
93.867-8-REY016240A	National Institutes of Health	8,386
93.867-8-REY016240B	National Institutes of Health	257,658
93.867-8-REY016842A	National Institutes of Health	229,179
93.867-8-REY016987A	National Institutes of Health	57,625
93.867-8-REY018608A	National Institutes of Health	1,243,392
93.867-8-REY019179A	National Institutes of Health	688,402
93.867-8-REY019279A	National Institutes of Health	307,918
93.867-8-REY019429B	National Institutes of Health	180,772
93.867-8-REY020609A	National Institutes of Health	311,449
93.867-8-REY022146A	National Institutes of Health	23,517
93.867-8-REY022638A	National Institutes of Health	26,687
93.867-8-TEY020485A	National Institutes of Health	199,903
93.879-8-PLM007885B	National Institutes of Health	326,116
93.879-8-RLM005652D	National Institutes of Health	585,869
93.879-8-RLM009719A	National Institutes of Health	217,029
93.879-8-RLM010673A	National Institutes of Health	325,156
		020,100

ncy CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
93.879-8-TLM007033F	National Institutes of Health	893,8
93.879-8-TLM007033G	National Institutes of Health	74,7
93.884-D57HP23242A0	National Institutes of Health	103,0
93.989-8-UTW006878A	National Institutes of Health	(1,5
93.999-8-UCA154209A	National Institutes of Health	586,6
93HHSN268201000034C AMEND 002	National Institutes of Health	2,563,1
93HHSN268201000034C N01-HV-00242	National Institutes of Health	18,2
93HHSN268201000034C-03	National Institutes of Health	78,0
93HHSN268201100003C	National Institutes of Health	1,778,3
93HHSN275200403386C-7	National Institutes of Health	11,1
93N01-HV-28183	National Institutes of Health	(
93.110-T77MC09796A0	Public Health Service, Health Resources and Services Administration	190,3
93.822-D18HP19983A0	Public Health Service, Health Resources and Services Administration	1,201,4
93.969-UB4HP19049A0	Public Health Service, Health Resources and Services Administration	430,4
Direct Programs Total		350,752,3
Dass Through Drograms From		
Pass-Through Programs From 93.226-6145-STANFORD/R01HS018413	AUDO The Darkingen's Institute	5,1
	AHRQ_The Parkinson's Institute	
93.226-VUMC 38167	AHRQ_Vanderbilt University	14,4
93.226-VUMC38167	AHRQ_Vanderbilt University	27,7
93200-2002-00732	CDC_America's Health Insurance Plans	346,5
93200-2002-00732-Activity D	CDC_America's Health Insurance Plans	61,7
9305-46087	CDC_California Department of Health Services	(12,3
9308-85585	CDC_California Department of Health Services	(3,5
9309-11649	CDC_California Department of Health Services	49,3
93CIBDIX2011 CDC-STAN-1	CDC_Center for Inherited Blood Disorders	18,
93.283-5U01DD000204-05	CDC_Children's Hospital of Orange County	3,9
93.283-08-0345 Prime DD925286	CDC_March of Dimes Birth Defects Foundation	(*
9350695	CDC_Research Foundation for Mental Hygiene, Inc.	1,!
93.110-7H30MC21656-01	DHHS_Center for Comprehensive Care & Diagnosis of Inherited Blood Disorders	51,9
93SAMHSA SM57690	DHHS_Milwaukee Health Services	7,7
9361-000768	DHHS_SRI International	116,
93.859-10006291	NIH_University of Utah	193,0
93HHSO100201000006C	DHHS_BARDA	(2
93.103-59-001606	FDA_SRI International	32,
93.107-5523SC	HRSA_University of California, San Francisco	Į
93PO H46084,00261200306D26035139	NCI/DHHS_University of Southern California	16,9
93.853-SPO#49444/Prime1R43NS073311-01	NIH_Afasci Inc.	27,9
93.394-CA80098-0000	NIH_American College of Radiology	40,
93.395-U10 CA21661	NIH_American College of Radiology	13,
93.172-12-743	NIH_Arizona State University	48,4
93.865-ACHRI PROJECT 034586	NIH Arkansas Childrens Hospital Research	2,4
93ABSA001	NIH_Aviv Biomedical Inc	17,8
931092147-100-GHAKW	NIH_Balance Therapeutics, Inc.	(2,
93.847-1U44NS073157-01A1	NIH_Balance Therapeutics, Inc.	201,
93AHRQ-04-0019-188865	NIH_Battelle Centers for Public Health Research and Evaluation	109,
93AHRQ-04-0019-188865-40	– NIH_Battelle Centers for Public Health Research and Evaluation	12,0
93AHRQ-04-0020-188865	– NIH_Battelle Centers for Public Health Research and Evaluation	28,
93AHRQ-04-0020-188865-24	NIH_Battelle Centers for Public Health Research and Evaluation	8,0
931058101-1-EALRQ	NIH_Baylor College of Medicine	67,!
93.867-101380046	NIH_Baylor College of Medicine	(44,
93.867-PA 5PN2EY0165250 SCN 101569121	NIH_Baylor College of Medicine	1,061,
93.855-41000411001	NIH_Baylor Research Institute	193,
93.855-41000411220	NIH_Baylor Research Institute	2,0
93.989-2U2RTW007367-8	NIH_Biomedical Research and Training Institute	198,
93.839-10819-SU-01	NIH_Blood Systems Research Institute	47,
93.839-10819-SU-01;1R01HL105770	NIH_Blood Systems Research Institute	45,
93.859-4-01205	NIH_Brandeis University	65,
93.389-103891, Amendment 4	NIH_Brigham and Women's Hospital	6,2
93.389-Subaward 103891	NIH_Brigham and Women's Hospital	28,
93.704-106458-1; 5U54LM008748-08	NIH_Brigham and Women's Hospital	84,
93.704-Subaward 106458	NIH_Brigham and Women's Hospital	6,
93.837-1P20HL101408-01	NIH_Brigham and Women's Hospital	1,
93.846-105015-1	NIH_Brigham and Women's Hospital	27,0
93.847-106074-1; 5R21DK089368-02	NIH_Brigham and Women's Hospital	21,9
93.855-108081; 7UM1A068636-07	NIH_Brigham and Women's Hospital	51.2
	NIH_Brigham and Women's Hospital NIH_Brigham and Women's Hospital	51,2 1,2

cy CFDA Number and Contract/Pass T Award	hrough Federal Agency / Pass Through Entity	Amount Expended
93.397-5410350-5500000260	NIH_Broad Institute, Inc.	(54,528
93.397-5410350-5500000356	NIH_Broad Institute, Inc.	107,691
93.397-5410352-5500000465	NIH_Broad Institute, Inc.	34,476
93.172-11-01	NIH_Caerus Molecular Diagnostics	7,445
93.855-Subaward No. 11-01-000	NIH_California Institute for Medical Research	98,362
93.859-68-1091226	NIH_California Institute of Technology	110,79
93.233-22803209-S104/ PO#117688	NIH_California Pacific Medical Center Research Institute	222,73
9316ZB-8002-CBCSC-CPIC	NIH_Cancer Prevention Institute of California	9,70
9316ZB-8002-STANFORD/CBCSC-CPIC	NIH_Cancer Prevention Institute of California	11,80
93.393-102740-SU-01	NIH_Cancer Prevention Institute of California	266
93.279-1090268-237919	NIH_Carnegie Mellon University	2,032
93.242-RES505296	NIH_Case Western Reserve University	64,77
93.242-RES505296/MH073967	NIH_Case Western Reserve University	44,193
93.837-RES502962	NIH_Case Western Reserve University	94,77
93.837-0000426419	NIH_CHILDRENS HOSPITAL BOSTON	1,95
93.837-83400,PO 0000391612	NIH_Children's Hospital Boston	(3,128
93.837-PO 0000427896 Sub # 83400	NIH_Children's Hospital Boston	81,473
93PCR WO FP00013013_SUB46_01	NIH_Childrens Hospital of Philadelphia	55,320
93.837-EL8227-03, 04, 05	NIH_Children's Hospital_Oakland Research Institute	58,072
93.839-12.7919-2007-7.A-U0LHL065238	NIH_Children's Hospital_Oakland Research Institute	47
93.839-12.7930-1.B, GRANT UOLHL065238	NIH_Children's Hospital_Oakland Research Institute	(48
		3,844
93.849-04-0034/5U01 DK066143	NIH_Children's Mercy Hospital	
93.853-NS048212-1	NIH_Columbia University	560
93.855-5 5-76634; 3U54AI057158-08	NIH_Columbia University	108,642
93.172-57610-9162	NIH_Cornell University	(125
93.172-63519-9681	NIH_Cornell University	235,661
93.242-55668-9171	NIH_Cornell University	91,292
93.865-11030423-03	NIH_Cornell University	10,219
93CY 4023	NIH_Cytokinetics, Inc.	1,265
93.113-1005	NIH_Dartmouth College	6,978
93.859-736	NIH_Dartmouth College	32,991
93.859-SPO 38402	NIH_Department of Veterans Affairs	56,304
93116457-SITE 012	NIH_Duke University	(3,041
93.172-10-NIH-1027	NIH_Duke University	12,525
93.233-303-4615/5R01HL096492-02	NIH_Duke University	123,558
93.853-147015/140272/303-8359	NIH_Duke University	(23,270
93.855-10-NIH-1012	NIH_Duke University	(35
93.855-2030096	NIH_Duke University	4,835
93.855-2030932, D10-APA01-SU	NIH_Duke University	28,118
93.855-2030961-1; 5U19AI056363-08	NIH_Duke University	14,972
93.855-2030971, L10-SU	NIH_Duke University	13,970
93.855-5-U19-AI056363-08 M10-ASC01-SU	NIH_Duke University	49,819
93.855-5U19Al056363-09/M10-ASC01-SU	NIH_Duke University	12,478
93.855-P11-SU, DUKE ID 2030983	NIH_Duke University	116,698
93.855-Subaward 2030896	NIH_Duke University	182,729
93.855-T11-SU	NIH_Duke University	201,886
93.855-T11-SU; 2032094	NIH_Duke University	86,968
93.855-UAI056363B A09-SU	NIH_Duke University	32,000
93.866-1U01 AG034661-01 (15918)	NIH_Duke University	113
93.866-2039155; 5U01AG034661-03	NIH_Duke University	101,173
93.395-SPO 23272	NIH_Eastern Cooperative Oncology Group	3,264
93.855-1R41Al088793-001	NIH_Eiger Group Internatinal Inc	843,286
93.855-PO S461712; SUBCONT5-41581-G3	NIH_Emory University	45,06
93.855-S574802	NIH_Emory University	269,729
93.989-S724891	NIH_Emory University	7,34
93S316254	NIH_Emory University	43,01
93.855-5794702	NIH_Emory University	30,73
93.172-5U01HG004695-04	NIH_European Bioinformatics Institute	94,62
93.395-STUO36HW	NIH_Frontier Science & Technology Research Foundation	39,41
93SPO 23272	NIH_Frontier Science & Technology Research Foundation	4,78
93.395-STUO36HW-03	NIH_Frontier Science & Technology Research Foundation	4,73
93.394-PO 700147959	NIH_Frontier Science & Technology Research Foundation NIH_General Electric Company	(42
93.855-S117504-02; 1U01AI082051-02	NIH_Geneva Foundation	192,20
93.393-GRNT: RX 4442-021-SU	NIH_Georgetown University	194,89
93.847-24020-2	NIH_Georgia Health Sciences University	11,54
93.855-23590-114340-02	NIH_Georgia Institute of Technology	57,584
		E10.400
93.867-R7747-G12	NIH_Georgia Institute of Technology	510,495

gency	CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
	93.113-5041161	NIH_Harvard University	104,84
	93.393-23570-114080-1	NIH_Harvard University	84,66
	93.866-150127-5054662-0002	NIH_Harvard University	77,57
	93.121-1R21DE021400-01	NIH HOSPITAL FOR SICK CHILDREN	1,99
	93.846-IN4685573SU, PO# 1140367	– NIH_Indiana University	6,33
	93.286-1R43EB011822-01A1	NIH_Intelligent Fiber Optic Systems Corporation	12,87
	93.172-5P41HG002273	NIH_Jackson Laboratory	(13,59
	93.172-5P41HG002273-11, PO#653018	NIH_Jackson Laboratory	223,8
	93.172-PO# 672567, CFDA# 93.172	NIH_Jackson Laboratory	417,0
	93.847-R01 DK085591-01	NIH_JAEB CENTER FOR HEALTH RESEARCH	194,10
	93.865-Sub #U01 HD41890	NIH_JAEB CENTER FOR HEALTH RESEARCH	648,4
	93.865-U01 HD41890	NIH_JAEB CENTER FOR HEALTH RESEARCH	163,6
	93.865-U01 HD41890,Addendum3	NIH_JAEB CENTER FOR HEALTH RESEARCH	2,1
	93.865-U01HD41890,Addendum 7	NIH_JAEB CENTER FOR HEALTH RESEARCH	30,1
	93U01 HD41890	NIH_JAEB CENTER FOR HEALTH RESEARCH	6
	93.394-Subaward 2001359289	NIH_JOHNS HOPKINS UNIVERSITY	116,99
	93.838-2001290422;5P50HL0844946-05	NIH_JOHNS HOPKINS UNIVERSITY	2,9
	93.855-1U01AI074512-01	NIH_Juvaris Biotherapies	
	93.855-1U01AI074512-05	NIH_Juvaris Biotherapies	417,3
	93115-9769-02	NIH_Kaiser Permanente	123,0
		NIH Kaiser Permanente	45,0
	93.393-115-9481-0747-01-m2	-	
	93.846-115-9227/0322-01-m3	NIH_Kaiser Permanente	13,9
	93.849-EAHMB	NIH_Kaiser Permanente	(6,9
	93.853-2R44NS046951	NIH_LASMED, LLC	(1,6
	93.867-00007513 PO# 2000026491	NIH_Lawrence Berkeley Laboratories, University of California	8
	93.867-00007513-01; PO#2000026491	NIH_Lawrence Berkeley Laboratories, University of California	79,7
	93.279-1R01DA030005-03	NIH_Lund University	114,8
	937R01HD052848-05 REVISED	NIH_Lund University	(2
	93.393-SUB # 217238	NIH_Massachusetts General Hospital	147,7
	93.394-Sub 214779 Prime 5R01CA140735	NIH_Massachusetts General Hospital	178,4
	93.859-GM62119-204810-204801	NIH_Massachusetts General Hospital	563,4
	93N01MH80001 STEP-BD -LITMUS	NIH_Massachusetts General Hospital	(36,2
	93.837-5710002376-5710002799	NIH_Massachusetts Institute of Technology	24,0
	93.855-5710002015	NIH_Massachusetts Institute of Technology	(8,7
	93.855-4U01AI089859-02	NIH_MAYO CLINIC	445,4
	93.855-4U01AI089859-02;4U01AI089859-2	NIH_MAYO CLINIC	147,1
	93.286-G134-12-W3698	NIH_Montana State University	175,0
	93HHSN268200700015C-3	NIH_Montefiore Medical Center	(7
	93.279-0254-7665-4609	NIH_Mount Sinai School of Medicine	53,3
	93.279-0254-7932-4609	NIH_Mt. Sinai School of Medicine	
	93.279-SUB # 0254-7664-4609	NIH Mt. Sinai School of Medicine	218,9
	93.307-0254-6510-4609	NIH_Mt. Sinai School of Medicine	5,2
	93.855-5 U19 Al062623	NIH Mt. Sinai School of Medicine	(1,2
	93.866-1003770-100-EAGKT	NH_National Bureau of Economic Research	41,3
	93.866-83-4015-29-9-80-537-7700		41,5
		NIH_National Bureau of Economic Research	
	93.866-Subcontract 33-4117	NIH_National Bureau of Economic Research	9,4
	93.395-020578/021582	NIH_National Childhood Cancer Foundation	85,8
	93.395-021102-1	NIH_National Childhood Cancer Foundation	16,5
	93.395-Contract 021099	NIH_National Childhood Cancer Foundation	11,9
	93.395-Subcontract 020806	NIH_National Childhood Cancer Foundation	14,8
	93.395-Subcontract 021098	NIH_National Childhood Cancer Foundation	(9,5
	93.395-Subcontract 021104	NIH_National Childhood Cancer Foundation	27,6
	93.395-Subcontract 021172-2	– NIH_National Childhood Cancer Foundation	33,7
	93.395-Subcontract No. 020806	NIH_National Childhood Cancer Foundation	148,4
	93.855-5927-1012/U54A1082973	NIH_National Childhood Cancer Foundation	3,9
		NIH National Marrow Donor Program	
	93#0201/PO #15304		3,6
	93.839-Protocol # 0701	NIH_National Marrow Donor Program	13,3
	93.839-PROTOCOL RIDER 0402	NIH_National Marrow Donor Program	32,3
	93.839-Rider #0301 PO no. 15295	NIH_National Marrow Donor Program	10,3
	93.395-TFED36-336/U10CA12027	NIH_National Surgical Adjuvant Breast and Bowel Project	61,6
	93.399-PFED-STA-02/U10CA37377	NIH_National Surgical Adjuvant Breast and Bowel Project	19,2
	93HHSN261201100061C	NIH_NCI_LABCYTE	22,6
	93.242-11-02643;100921;M000058696	NIH_New York University	26,5
	93.242-12-00400;M000058697;100846	NIH_New York University	158,0
	93.859-F7002-02 PO# UW447791	NIH_New York University	274,1
	93.853-11-02642;100938;M000058385	NIH_New York University	105,6
	93.853-11-02644;100925;M000058386	NIH_New York University	138,4
	93.393-1R01CA13863801A2-STANFORD	NIH_Northern California Cancer Center	37,3

jency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
935111500-60013654 SU-A1	NIH_Northwestern University	8,66
93610-511500 60028755-SU	NIH_Northwestern University	1,67
93.837-60020825 SU	NIH_Northwestern University	13,01
93.837-60024144 SU/HL089619	NIH_Northwestern University	5,57
93.837-60026766 SU,R01HL096849	NIH_Northwestern University	52
93.837-60026766-SU,R01HL096849	NIH_Northwestern University	21,31
93.837-60026869SU-A02	NIH_Northwestern University	24,45
93.837-60029331 SU	NIH_Northwestern University	11,67
93.838-60028806 SU A01	NIH_Northwestern University	3,89
93.853-SP0014984-PROJ0003851	NIH_Northwestern University	90,70
93.855-0600-370-G304 Ref#CNV0060520	NIH_Northwestern University	148,40
93.864-0600-370-L353 U54HD041857	NIH_Northwestern University	157,34
93.847-STANFORD-001	NIH_Numerate, Inc.	10
93.262-RF01106806 60009988	NIH_Ohio State University Research Foundation	18
93HHSN268201100035C-S2	NIH_OPEN SOURCE MEDICAL SOFTWARE CORPORATION	17,97
93.395-9008855_Stanford	NIH_Oregon Health Sciences University	35,54
93.859-1001459-001	NIH_Oregon Health Sciences University	31,990
93.233-ZEJ0003-01	NIH_Palo Alto Institute For Research and Education	19,40
93.839-LEU0001-01	NIH_Palo Alto Institute For Research and Education NIH_Palo Alto Institute for Research Education	8,22 <sup>-</sup> 20,37!
93.213-MEY0024-01/R21AT005123-01A1 93.242-ETK0001-01	-	72,73
93.838-NIM0003-01	NIH_Palo Alto Institute for Research Education NIH_Palo Alto Institute for Research Education	18,234
93.838-2009-02-MA	NIH_Palo Alto Medical Foundation for Health Care, Research and Education	15,03
93.838-2009-02-WA 93.847-2009-01MA/1R34DK080878-01A1	NIH Palo Alto Medical Foundation for Health Care, Research and Education	15,05
93.307-4-0257	NIH_Palo Alto Medical Foundation Research	58,53
93.067-1U2GPS001935-02	NIH_Pathfinder International	1,58
93.067-102GF 3001935-02 93.067-102GPS001935-03	NIH_Pathfinder International	40,545
93.866-107421 THOMPSON	NIH_Photozig, Inc.	19,190
93.866-1R44AG032762-01A2	NIH_Photozig, Inc.	39,442
93HHSN268200800020C	NIH_Radiological Society of North America	22,67
93HHSN26820800020C(3a)	NIH_Radiological Society of North America	618
93NHLBI-PB-BB-2008-158-RCO- A02	NIH_Radiological Society of North America	2,28
93.242-662-94193560-S000279	NIH_Rady Children's Hospital San Diego	67,333
93.394-1R43CA153466-01A1	NIH_Reflexion Medical Inc.	15,664
93.867-5011-SU/1R01EY022079-01	NIH_Regenerative Research Foundation	3,693
93.307-720611	NIH_Research Institute at Nationwide Childrens Hospital	6,99
93.846-701-5401/R01AR059185	NIH_Rhode Island Hospital	127,758
93.846-Subaward 701-5401-A1	NIH_Rhode Island Hospital	58,800
93HHSN2612011000091C	NIH_Ruga Corp.	35,40
93.361-2R01NR004134-09A2	NIH_Rush University Medical Center	5,292
93.361-5R01NR009543-05;1R01NR009543	NIH_Rush University Medical Center	50,77
93.859-55631-11501-STANFORD-02	NIH_Sanford Burnham Medical Research Institute	193,015
93.859-55631-11503-STANFORD-02	NIH_Sanford Burnham Medical Research Institute	183,120
9310XS147	NIH_Scientific Applications International Corporation	(956
93306620-25SX073	NIH_Scientific Applications International Corporation	(20
93.121-10341SUB	NIH_Seattle Children's Hospital	147,400
93.389-SPO 44395	NIH_SGM Biotech, Inc.	1,438
93.393-SPO 44530 Prime R44CA141806-02	NIH_Sibtech Inc	120,754
93.395-2R44CA113080-02A2	NIH_Sibtech Inc	514
93.867-PO017574/5R01EY018875-02	NIH_Smith_Kettlewell Eye Research Institute	36,86
93.242-BRSIMPCT-S-11-000071-001584	NIH_Social and Scientific Systems, Inc.	26,39
93.855-BRS-ACURE-S-11-000055-001220	NIH_Social and Scientific Systems, Inc.	247,375
93.855-BRS-ACURE-S-11000055001500	NIH_Social and Scientific Systems, Inc.	66,86
93.855-BRS-ACURE-S-11-000055-001358	NIH_Social and Scientific Systems, Inc.	12,00
93.855-BRS-ACURE-S-12-000055-002291	NIH_Social and Scientific Systems, Inc.	25
93.273-51-000284-20	NIH_SRI International	90,99
93.273-51-000975	NIH_SRI International	122,73
93.273-51-001225	NIH_SRI International	57,24
93.286-51-001095	NIH_SRI International	60,935
93.394-76-000033	NIH_SRI International	(14,70)
93.394-76000033-02	NIH_SRI International	89,60
93.394-76-000035	NIH_SRI International	14,813
9376-000049	NIH_SRI International	30,59
93.273-15-000002 5R01AA005965-27	NIH_SRI International	64,479
93.395-111287170-7415432	NIH_St. Jude Children's Research Hospital	1,993
93.395-111287180-7466331	NIH_St. Jude Children's Research Hospital	5,353
	NIH_St. Jude Children's Research Hospital	(2,812
93.839-111448010-7359587- 93.839-111448030-7417011	NIH_St. Jude Children's Research Hospital	12,29

 CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
 93.839-111448040-7454380-2	NIH_St. Jude Children's Research Hospital	18,329
93.855-111279050-7383456	NIH_St. Jude Children's Research Hospital	557,894
93.395-RCA132502A	NIH_Technest Holdings, Inc.	(5,244)
93.853-500506STANFORD; 1P50NS07167501	NIH_The Feinstein Institute for Medical Research	53,591
93.395-0000722024 Sub#0000695181	NIH_The Fred Hutchinson Cancer Research Center	30,971
93.397-0000678877 2P50 CA083636-11	NIH_The Fred Hutchinson Cancer Research Center	(126)
93.397-0000722020	NIH_The Fred Hutchinson Cancer Research Center	105,897
93.837-0000724514; 1R01HL05065-01A1	NIH_The Fred Hutchinson Cancer Research Center	54,345
93.837-00007459994; 5R01HL05065-02 93.855-0000729766-207386	NIH_The Fred Hutchinson Cancer Research Center NIH_The Fred Hutchinson Cancer Research Center	12,116 49,501
93.855-0000729766-207388	NIH_The Fred Hutchinson Cancer Research Center	21,986
93.855-0000729786-207391	NIH_The Fred Hutchinson Cancer Research Center	8,572
93.865-21050-31723	NIH_The George Washington University	226,465
93.242-2000761303	NIH_The Johns Hopkins University	16,222
93.242-2001596511	NIH_The Johns Hopkins University	6,437
93.286-2001376222	NIH_The Johns Hopkins University	100,000
93.393-Subaward #2000373277-3,4	NIH_The Johns Hopkins University	160,795
93.397-2001406617	NIH_The Johns Hopkins University	46,127
93.847-2000970808/U01DK074008	NIH_The Johns Hopkins University	(4,559)
93.853-2000797725	NIH_The Johns Hopkins University	50,759
93.853-U01 NS062851-03; 2000734644	NIH_The Johns Hopkins University	26,499
93.173-GOTOL0195A_STAN	NIH_The Oregon Health Sciences University	62,042
93.837-ACARD0165_A	NIH_The Oregon Health Sciences University	195,936
93.837-GPEDC0036A-3	NIH_The Oregon Health Sciences University	265,399
93.847-APEDI0535_STANFORD	NIH_The Oregon Health Sciences University	353,378
93.310-5U54RR022220-07	NIH_The Rockefeller University	132,542
93.310-PO 5-23648	NIH_The Scripps Research Institute	11,491
93.859-PO# 5-24443 93HHSN272200700038C PO#5-75555	NIH_The Scripps Research Institute	1,721,939 541,673
93.226-5-31348	NIH_The Scripps Research Institute NIH_The University of North Carolina at Chapel Hill	8,788
93.393-5-31886; 1U01CA154281-01	NIH_The University of North Carolina at Chapel Hill	126,862
93.837-Subaward 5-30139	NH_The University of North Carolina at Chapel Hill	(4,821)
93.837-Subaward 5-30139-3	NIH_The University of North Carolina at Chapel Hill	62,128
93.865-5-52135/5R01HD055342	NIH_The University of North Carolina at Chapel Hill	32,758
93.853-SUB # 080-24000-R82205	NIH_Thomas Jefferson University	(46)
93.847-547100 Prime 1 R01 DK076653-01	NIH_Tulane University	12,517
93.846-000411679-001; 1R01AR062376-01	NIH_University of Alabama	43,081
93.172-Y562158,1R01HG005226-1	NIH_University of Arizona	20,041
93.113-00007269,PO# 2000042049	NIH_University of California, Berkeley	39,639
93.113-2000065468,SUB 6237,R01ES01404	NIH_University of California, Berkeley	51,062
93.113-EAFWP	NIH_University of California, Berkeley	(4,136)
93.113-Sub 00007204 PO# 2000026644	NIH_University of California, Berkeley	34,164
93.242-Sub #00006947/PO# 0001604997	NIH_University of California, Berkeley	6,558
93.242-Sub 00006848 PO#1589218	NIH_University of California, Berkeley	19,606
93.282-00006163/PO# 2000070732	NIH_University of California, Berkeley	88,100
93.307-PO 2000052487, Sub # 00007419	NIH_University of California, Berkeley	69,981
93.855-00007668-PO# 2000074967	NIH_University of California, Berkeley	11,990
93.859-000065665R01GM072859 PO1559197	NIH_University of California, Berkeley	33,632
93.859-00006813 PO#1585827 93.859-00007728,PO200092611,2R01GM06	NIH_University of California, Berkeley NIH_University of California, Berkeley	(4,365) 42,062
93.867-00007514/5PN2EY018241-07	NIH_University of California, Berkeley	71,469
93.867-7PN2-EY018241-03 #00006317	NIH_University of California, Berkeley	(29,014)
93.989-00007902-PO#BB00024399	NIH_University of California, Berkeley	13,512
93.859-00007728, P.O.BB00025665	NIH_University of California, Berkeley	17,171
932004-1436-1,2010-2518	NIH_University of California, Irvine	13,202
93.389-2006-1718/U24 RR021992	NIH_University of California, Irvine	(11,201)
93.855-2009-2152-04	NIH_University of California, Irvine	106,107
93.855-2011-2629	NIH_University of California, Irvine	366,307
93.855-2011-2685/U54 AI065359	NIH_University of California, Irvine	68,786
93.855-2011-2685/U54Al065359	NIH_University of California, Irvine	88,739
93.856-2009-2153	NIH_University of California, Irvine	86,819
93.856-2009-2153/U54 AI065359	NIH_University of California, Irvine	639
93.856-U54 Al065359; sub # 2009-2153	NIH_University of California, Irvine	199,150
93.865-Subaward 2011-2636	NIH_University of California, Irvine	79,371
93.855-1028008-100-EALFO/2009-2152	NIH_University of California, Irvine	47,302
93.286-0980 G HF413	NIH_University of California, Los Angeles	1,506
93.310-Subaward 2000 G MS315	NIH_University of California, Los Angeles	99,750
93.855-1560 G PB333	NIH_University of California, Los Angeles	8,430

ency	CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
9	93.859-1460 GMA260/5R01GM053275	NIH_University of California, Los Angeles	55,50
9	93.867-PO# 0158-G-NA015	NIH_University of California, Los Angeles	118,85
9	93.273-10318359-SUB-01	NIH_University of California, San Diego	30,55
9	93.273-P.O. 10318359-SUB	NIH_University of California, San Diego	(1,80
9	93.837-PO 10302058-002	NIH_University of California, San Diego	162,91
9	93.866-ADNI/ADC-024-U01AG024904	NIH_University of California, San Diego	1,54
9	93.866-ADNI-2-ADC-039-AG024904	NIH_University of California, San Diego	43,27
9	93.107-6805sc	NIH_University of California, San Francisco	30,01
	93.172-6241sc	NIH_University of California, San Francisco	21,33
	93.213-6647sc	NIH_University of California, San Francisco	126,05
	V3.242-6115sc/R01MH083784-01	NIH_University of California, San Francisco	67,47
	V3.286-5714sc/R01-EB009756	NIH_University of California, San Francisco	130,6
	9.286-7099SC	-	21,7
		NIH_University of California, San Francisco	
	93.389-5731sc/R01 RR026040	NIH_University of California, San Francisco	45,9
	93.395-6413sc	NIH_University of California, San Francisco	115,5
	935222sc,HHSN267200700005C	NIH_University of California, San Francisco	92,36
9	936308sc/HHSN268200536166C	NIH_University of California, San Francisco	(74,39
9	937106sc/HHSN268200536166C	NIH_University of California, San Francisco	52,84
9	93.847-6341sc 5R01DK074673-03	NIH_University of California, San Francisco	8,38
9	93.853-5054SC; 556937-29201-05	NIH_University of California, San Francisco	113,0
	93.853-Subaward 5054C	NIH_University of California, San Francisco	(8)
	93.853-Subaward 5527sc	NIH_University of California, San Francisco	43,5
	93.855-5136sc, UZ-UCSF CTU (PROMISE)	NIH_University of California, San Francisco	6,1
	V3.855-5136sc-4,5136sc-5	-	45,8
		NIH_University of California, San Francisco	
	V3.855-5549sc Prime R01HD059862	NIH_University of California, San Francisco	39,1
	93.855-6345sc	NIH_University of California, San Francisco	5,0
	93.855-6345sc/U01 AI069436	NIH_University of California, San Francisco	52,3
	93.855-6692SC	NIH_University of California, San Francisco	114,68
9	93.855-6692SC; 5P01Al091575-02	NIH_University of California, San Francisco	39,5
9	93.855-S0183091	NIH_University of California, San Francisco	195,5
9	93.855-Subaward 6874sc	NIH_University of California, San Francisco	54,4
9	93.864-4951SC	NIH_University of California, San Francisco	165,9
9	93.864-4951SC/U54 HD055764	NIH_University of California, San Francisco	1
9	93.865-5549sc Prime R01HD059862	NIH_University of California, San Francisco	200,5
9	93.865-5549SC-5 Prime R01HD059862	NIH_University of California, San Francisco	24,1
9	93.866-6459sc	NIH_University of California, San Francisco	77,1
	93.866-6591sc	NIH_University of California, San Francisco	457,5
	V3.389-6712SC/2UL1RR024131	NIH_University of California, San Francisco	22,7
		-	
	93.172-2R01Hg004834-03/RG60870	NIH_University of Cambridge	113,5
	93.172-FP042895-02,RC2HG005679-02S1	NIH_University of Chicago	395,7
	93.242-FP045988-A	NIH_University of Chicago	25,7
9	93.242-FP045988-A-01	NIH_University of Chicago	8,5
9	93.242-Subaward FP046983-B	NIH_University of Chicago	108,1
9	93.859-43359-5-31590; U54GM087519	NIH_University of Chicago	98,1
9	93.859-U54GM087519/S-31590-8607	NIH_University of Chicago	(10,9
9	93.865-47680	NIH_University of Chicago	90,5
	93.855-2-5-60754-FY11.062.004	NIH_University of Colorado	3,6
	93.855-FY11.062.015; 2-5-60754	NIH_University of Colorado	65,2
	V3.855-FY11.062.054-FY12.062.022	NIH_University of Colorado	32,1
	93.855-FY12.062.030 Stanford Fathman		79,0
		NIH_University of Colorado	
	93.859-FY10.357.001,FY11.357.002	NIH_University of Colorado	7
	93.286-UF-EIES-1002032-SFU	NIH_University of Florida	113,6
	93.389-SubawardUF11127 Prime#00095343	NIH_University of Florida	85,0
9	93.853-UF12079; 00093183	NIH_University of Florida	11,7
9	93.859-UF10239,3U01GM74492-06S1	NIH_University of Florida	4,0
9	93.859-UF11186/5U01GM074492-07	NIH_University of Florida	155,5
9	93.865-UF11262 Project # 0090686	NIH_University of Florida	147,7
	93.866-UF12031-1; U01 AG022376	NIH_University of Florida	1,380,6
	93.310-ED-8767-69-ST	NIH_University of Geneva	158,0
		-	29,7
	V3.394-RR757-022/4893976	NIH_University of Georgia	
	93.121-W000181859 PO# 1000903135	NIH_University of Iowa	16,7
	93.855-P.O.1000910129	NIH_University of Iowa	79,0
	93.350-QB854404	NIH_University of Kansas Medical Center Research Institute	8,7
9	93.865-OGMB070988 PO#3000141547	NIH_University of Louisville	17,6
9	93.121-5R01DE014868-03	NIH_University Of Maryland At College Park	
9	93.837-SR00002155	NIH_University of Maryland Baltimore	69,1
	93.847-PO-SR00002093	NIH_University of Maryland Baltimore	35,5
			55,5

ency	CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
	93.393-PO# 6132422/RFS900194	NIH_University of Massachusetts	33,84
	93.859-6126039/RFS2011114	NIH_University of Massachusetts	26
	93.859-6134822/RFS2012015-5	NIH_University of Massachusetts	264,88
	93.855-R21Al095055; PO592495	NIH_University of Medicine and Dentistry of New Jersey	85,56
	93.286-PO# M139608 ; 66437T	NIH_University of Miami	102,41
	93.394-5R01CA122105-05; PO M130137	NIH_University of Miami	51
	93.859-1R01GM090087-01A1	NIH_University of Miami	164,79
	93.242-3000982725 Prime MH060655-06	NIH_University of Michigan	25,9
	93.279-3002120326/1R21DA03141801	NIH_University of Michigan	150,88
	93.310-3000817140-RPT	NIH_University of Michigan	16,3
	93.395-CTEP, CA-32102	NIH_University of Michigan	81,2
	93.853-3001922360-BPT	NIH_University of Michigan	4,4
	93.242-N003113001	NIH_University of Minnesota	94,7
	93.395-P002052101	NIH_University Of Minnesota	302,2
	93.853-N000936929/1U01NS062091-01A2	NIH_University Of Minnesota	8
	93.859-201956	NIH_University of Notre Dame	13,2
	93 553539	-	6,3
		NIH_University of Pennsylvania	
	93.395-PO # 2679534	NIH_University of Pennsylvania	144,8
	93.837-557344	NIH_University of Pennsylvania	286,0
	93.837-557344-1	NIH_University of Pennsylvania	129,5
	93.838-547810-4A;5R01HL8161905	NIH_University of Pennsylvania	40,7
	93.838-548849; PO#2726364	NIH_University of Pennsylvania	41,6
	93.847-557212	NIH_University of Pennsylvania	245,3
	93.853-Subaward 557646	NIH_University of Pennsylvania	114,2
	93.859-Sub 554404 PO 2487769	NIH_University of Pennsylvania	104,9
	93.396-SUBAWARD 0002882 113365-2	NIH_University of Pittsburgh	(13,6
	93.859-9000613-114809-24-117896-24	NIH_University of Pittsburgh	1
	93.853-415259-G	NIH_University Of Rochester	(2,2
	93.855-415645-G	NIH_University Of Rochester	277,8
	93.242-5R01MH075788-04	NIH_University of San Diego	35,0
	93PO 0000161183,0000175099	NIH_University of South Florida	91,4
	93.393-H47765-A01	NIH_University of Southern California	64,9
	93.394-H46376	NIH_University of Southern California	10,2
	93.397-H47853	NIH_University of Southern California	(45,1
	93.397-H50651	NIH_University of Southern California	1,156,9
	93.859-H47860	-	8,0
		NIH_University of Southern California	
	93.859-H50843	NIH_University of Southern California	173,1
	93.395-5R01CA093626-07	NIH_University of Sydney	65,8
	93.393-151261/151249	NIH_University of Texas Health Sciences Center	23,1
	93.855-120604; PO# RGC000000296	NIH_University of Texas Southwestern Medical Center	3,0
	93.837-NS 2006-037	NIH_University of Toledo	1,1
	93.837-10022504-02,PO 0000151621	NIH_University of Utah	9,5
	93.847-10019509-01	NIH_University of Utah	42,8
	93PO0000142493,10009050-05-A2	NIH_University of Utah	(3
	93.865-GC12123-140145-01	NIH_University of Virginia	19,6
	93.389-724871	NIH_University Of Washington	1,9
	93.837-NO.366810 Prime R01 HL087706	NIH_University Of Washington	(
	93.847-364K626	NIH_University of Wisconsin	7,3
	93.855-344K676	NIH_University of Wisconsin	13,5
	93.859-123405505	NIH_University of Wisconsin	6,1
	93.866-836F474	NIH_University of Wisconsin	69,8
	93.866-379K374; R37AG027343	NIH_University of Wisconsin-Madison	60,2
	93.837-VUMC38778; 7P01HL058000-154	NIH_Vanderbilt University	38,5
	93.837-VUMC38778; CFDA 93.837	NIH_Vanderbilt University	93,2
	93.847-VUMC 37012	NIH_Vanderbilt University	202,7
	93.847-VUMC 38204	NIH_Vanderbilt University	700,9
	93.847-VUMC 39301	NIH_Vanderbilt University	57,1
	93.847-VUMC38307;2UO1DK072473-06	NIH_Vanderbilt University	171,4
	93.865-VUMC 39135-1	NIH_Vanderbilt University	39,2
	93.865-VUMC39135	NIH_Vanderbilt University	17,4
	93NO1A180007DMID050050VUMC34334R	NIH_Vanderbilt University	11,0
	93.837-VUMC39957-R; 5PO1HL095070-03	NIH_Vanderbilt University	18,0
	93.279-431677-19751	NIH_Virginia Tech	30,4
	93.837-WU-12-144,PO 2911176P	NIH_Washington University	44,3
	93.855-WU-11-238, PO 2911752P	NIH_Washington University	19,9
		· · · · ·	
	93 855-WIL12-234 PO 2017714T		
	93.855-WU-12-234, PO 2917714T 93.242-WU-12-284	NIH_Washington University NIH_Washington University	3,8 88,0

# Stanford University Schedule of Expenditures of Federal Awards

ency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
938079-S08	NIH_Westat	. (
93.837-1R01HL087795-01-02 PO#PSP06783	NIH_Wright State University	99,9
	NIH_Yale University	3,2
93.110-M12A11224 (A08483)		
93.837-C11A10979	NIH_Yale University	3,5
93.837-VIRGO	NIH_Yale University	2,9
93.853-A08082	NIH_Yale University	17,8
93.853-A08550M10A10546-2	NIH_Yale University	32,0
93.855-A08114(M11A10909)	NIH_Yale University	(7
93.855-M12A11217(A08561)	NIH_Yale University	395,4
93.864-M11A11005 (A08206)	NIH_Yale University	31,0
93.864-M11A11005 (a08206),(A08650)	NIH_Yale University	10,9
93.864-M11A11005 (A08650)	NIH_Yale University	58,7
93SPO# 106187	The Centers for Medicare and Medicaid Services_National Council on Aging	47,8
Pass-Through Programs From Total		36,814,6
Non-ARRA Total		387,567,0
partment of Health and Human Services (DHHS) Total		410,537,0
tional Science Foundation (NSF)		
ARRA		
Direct Programs		
47.082-ANT-0838872	ARRA_National Science Foundation	168,0
47.082-ANT-0840058	ARRA National Science Foundation	(7,
47.082-ANT-0944773	ARRA_National Science Foundation	19,9
47.082-ANT-0960243	ARRA_National Science Foundation	712,0
47.082-AST-0905855	ARRA_National Science Foundation	119,7
		98,0
47.082-AST-0908883	ARRA_National Science Foundation	
47.082-ATM 0836326	ARRA_National Science Foundation	58,6
47.082-BCS-0922618	ARRA_National Science Foundation	190,0
47.082-CBET-0846392	ARRA_National Science Foundation	78,9
47.082-CBET-0853350	ARRA_National Science Foundation	22,
47.082-CBET-0853988	ARRA_National Science Foundation	75,3
47.082-CBET-0930098	ARRA_National Science Foundation	95,4
47.082-CBET-0960306	ARRA_National Science Foundation	57,8
47.082-CCF-0903109	ARRA_National Science Foundation	145,4
47.082-CCF-0915766	ARRA_National Science Foundation	158,9
47.082-CMMI-0948434	ARRA_National Science Foundation	87,2
47.082-DGE-0946800	ARRA_National Science Foundation	872,2
47.082-DMR-0846363	ARRA_National Science Foundation	140,0
47.082-DMS-0905738	ARRA_National Science Foundation	74,9
47.082-DMS-0905809	ARRA_National Science Foundation	50,5
47.082-DMS-0906812	ARRA_National Science Foundation	236,
47.082-DMS-1015831	ARRA_National Science Foundation	20,9
47.082-EAR-0909319	ARRA_National Science Foundation	9,1
47.082-EAR-0910574	ARRA_National Science Foundation	21,:
47.082-EAR-0921134	ARRA_National Science Foundation	118,3
47.082-EAR-0923620	ARRA_National Science Foundation	14,8
47.082-EAR-0924021	ARRA_National Science Foundation	43,
47.082-ECCS-0925549	ARRA_National Science Foundation	151,
47.082-IIS-0904321	ARRA_National Science Foundation	150,
47.082-IIS-0904324	ARRA_National Science Foundation	199,
47.082-IIS-0904497	ARRA_National Science Foundation	306,0
47.082-IOS-0923588	ARRA_National Science Foundation	4,5
47.082-MCB-0918782	ARRA_National Science Foundation	225,
47.082-MCB-0923679	ARRA National Science Foundation	196,0
47.082-0CE-0847266	ARRA_National Science Foundation	132,0
47.082-0CE-0850839	ARRA_National Science Foundation	22,
	_	
47.082-OCE-0926340	ARRA_National Science Foundation	138,7
47.082-OIA-0963061	ARRA_National Science Foundation	3,185,4
47.082-PHY-0847050	ARRA_National Science Foundation	114,9
47.082-PHY-0855350	ARRA_National Science Foundation	65,2
47.082-SBE-0915236	ARRA_National Science Foundation	58,
Direct Programs Total		8,636,3

ency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
Pass-Through Programs From		
47.082-1774 and 1833: PO# 9500010130	ARRA_NSF_BBN Technologies	671,4
47.082-742531Z; OCE-1205233	ARRA_NSF_University Of Washington	44,0
47.082-60419-9036	ARRA_NSF_Cornell University	(3
47.082-S7039-G1	ARRA_NSF_Georgia Institute of Technology	103,4
47.082-OGFR 09-09-005	ARRA_NSF_Siena College	92,3
Pass-Through Programs From Total		910,9
ARRA Total		9,547,3
Non-ARRA		
Direct Programs		
47.041-CBET-0641406	National Science Foundation	27,2
47.041-CBET-0644470	National Science Foundation	5,7
47.041-CBET-0729771	National Science Foundation	21,9
47.041-CBET-0754060	National Science Foundation	81,6
47.041-CBET-0827806	National Science Foundation	(.
47.041-CBET-0827822	National Science Foundation	-
47.041-CBET-0854492	National Science Foundation	38,4
47.041-CBET-0917638	National Science Foundation	88,9
47.041-CBET-0917705	National Science Foundation	(4,0
47.041-CBET-0930100	National Science Foundation	147,7
47.041-CBET-0950100 47.041-CBET-0964884	National Science Foundation	74,
47.041-CBET-0967257	National Science Foundation	148,9
47.041-CBET-0967600	National Science Foundation	195,
47.041-CBET-1048796	National Science Foundation	289,
47.041-CBET-1049535	National Science Foundation	9,
47.041-CBET-1066100	National Science Foundation	98,
47.041-CBET-1066263	National Science Foundation	95,
47.041-CBET-1066515	National Science Foundation	89,
47.041-CBET-1133380	National Science Foundation	53,
47.041-CBET-1134416	National Science Foundation	85,
47.041-CBET-1152924	National Science Foundation	39,
47.041-CBET-1231415	National Science Foundation	11,
47.041-CBET-1235878	National Science Foundation	2,
47.041-CMMI 0747089	National Science Foundation	81,
47.041-CMMI 0824977	National Science Foundation	76,
47.041-CMMI-0800151	National Science Foundation	154,
47.041-CMMI-0800932	National Science Foundation	54,
47.041-CMMI-0824440	National Science Foundation	49,
47.041-CMMI-0825339	National Science Foundation	79,
47.041-CMMI-0826003	National Science Foundation	(5,
47.041-CMMI-0856205	National Science Foundation	(3,
	National Science Foundation	12,
47.041-CMMI-0900325		
47.041-CMMI-0926212	National Science Foundation	138,
47.041-CMMI-0927398	National Science Foundation	19,
47.041-CMMI-0936421	National Science Foundation	196,
47.041-CMMI-0936633	National Science Foundation	327,
47.041-CMMI-0952021	National Science Foundation	126,
47.041-CMMI-0952402	National Science Foundation	21,
47.041-CMMI-0968707	National Science Foundation	108,
47.041-CMMI-1029452	National Science Foundation	177,
47.041-CMMI-1031722	National Science Foundation	65,
47.041-CMMI-1050504	National Science Foundation	30,
47.041-CMMI-1114786	National Science Foundation	16,
47.041-CMMI-1129538	National Science Foundation	25,
47.041-CMMI-1135029	National Science Foundation	173,
47.041-CMMI-1153718	National Science Foundation	49,
47.041-CMMI-1153823	National Science Foundation	78,
47.041-CMMI-1053623 47.041-CMMI-1207911	National Science Foundation	78, 7,
		Ι,
47.041-CMS-0530756	National Science Foundation	
47.041-CMS-0547681	National Science Foundation	(
47.041-DBI-0964204	National Science Foundation	25,
47.041-DMI-0547021	National Science Foundation	74,
47.041-ECCS-0642839	National Science Foundation	1,0
47.041-ECCS-0801334	National Science Foundation	
47.041-ECCS-0901414	National Science Foundation	90,
47.041-ECCS-0922648	National Science Foundation	171,

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	47.041-ECCS-1028372	National Science Foundation		154,617
	47.041-ECCS-1101901	National Science Foundation		36,890
	47.041-ECCS-1101905	National Science Foundation		129,202
	47.041-ECS 0449400	National Science Foundation		(169)
	47.041-EEC-0908516	National Science Foundation		142,462
	47.041-EEC-1023642	National Science Foundation		65,389
	47.041-EEC-1028968	National Science Foundation		2,941,369
	47.041-EFRI-0735551	National Science Foundation		158,941
	47.041-EFRI-0835878	National Science Foundation		285,104
	47.041-EFRI-1136790 47.049-1058244-1-EALVE	National Science Foundation National Science Foundation		327,987
	47.049-1058244-1-EALVE 47.049-AST-0807075	National Science Foundation		26,623 6,210
	47.049-AST-0807458	National Science Foundation		122,483
	47.049-AST-0808398	National Science Foundation		40,538
	47.049-AST-1056465	National Science Foundation		176,533
	47.049-CHE-0245260	National Science Foundation		9
	47.049-CHE-0431425	National Science Foundation		(4)
	47.049-CHE-0611563	National Science Foundation		(50)
	47.049-CHE-0650414	National Science Foundation		(1,179)
	47.049-CHE-0809324	National Science Foundation		53,813
	47.049-CHE-0822112	National Science Foundation		71
	47.049-CHE-0846427	National Science Foundation		235,762
	47.049-CHE-0847073	National Science Foundation		77,644
	47.049-CHE-0848280	National Science Foundation		159,280
	47.049-CHE-0910717	National Science Foundation		101,575
	47.049-CHE-0910729	National Science Foundation		150,208
	47.049-CHE-0948211	National Science Foundation		238,967
	47.049-CHE-0948222	National Science Foundation		169,552
	47.049-CHE-0957386	National Science Foundation		100,852
	47.049-CHE-1025960	National Science Foundation		226,232
	47.049-CHE-1124515	National Science Foundation		102,743
	47.049-CHE-1137024	National Science Foundation		83,683
	47.049-CHE-1137395	National Science Foundation		88,547
	47.049-CHE-1145236	National Science Foundation National Science Foundation		160,868 110,857
	47.049-CHE-1151428 47.049-CHE-1213403	National Science Foundation		6,152
	47.049-DMF-0804402	National Science Foundation		(10,746)
	47.049-DMR 0405655	National Science Foundation		(1,341)
	47.049-DMR 0803974	National Science Foundation		215,112
	47.049-DMR-0213618	National Science Foundation		143,457
	47.049-DMR-0645488	National Science Foundation		31,785
	47.049-DMR-0652232	National Science Foundation		330,135
	47.049-DMR-0705687	National Science Foundation		77,170
	47.049-DMR-0757112	National Science Foundation		110,553
	47.049-DMR-0758356	National Science Foundation		35,561
	47.049-DMR-0904094	National Science Foundation		138,934
	47.049-DMR-0904264	National Science Foundation		103,517
	47.049-DMR-0905781	National Science Foundation		92,201
	47.049-DMR-0906027	National Science Foundation		149,444
	47.049-DMR-0906062	National Science Foundation		211,062
	47.049-DMR-0907642	National Science Foundation		141,442
	47.049-DMR-0957616	National Science Foundation		861,266
	47.049-DMR-1001903	National Science Foundation		114,362
	47.049-DMR-1006989	National Science Foundation		147,771
	47.049-DMR-1007886 47.049-DMR-1104547	National Science Foundation National Science Foundation		67,937 43,755
	47.049-DMR-1104547 47.049-DMR-1151231	National Science Foundation		43,755 8,327
	47.049-DMR-11206511	National Science Foundation		35,521
	47.049-DMR-1206916	National Science Foundation		16,028
	47.049-DMR-1215942	National Science Foundation		64,481
	47.049-DMS 0963763	National Science Foundation		5,671
	47.049-DMS-0502385	National Science Foundation		270,136
	47.049-DMS-0502401	National Science Foundation		153,933
	47.049-DMS-0601002	National Science Foundation		5,899
	47.049-DMS-0604960	National Science Foundation		55,246
	47.049-DMS-0605151	National Science Foundation		33,595
	47.049-DMS-0652817	National Science Foundation		30,327
	47.049-DMS-0705007	National Science Foundation		69,573
				07,0

-	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	47.049-DMS-0707085	National Science Foundation		3,101
	47.049-DMS-0707103	National Science Foundation		106,446
	47.049-DMS-0709248	National Science Foundation		54,399
	47.049-DMS-0801196	National Science Foundation		30,040
	47.049-DMS-0801226	National Science Foundation		52,246
	47.049-DMS-0804324	National Science Foundation		1,214
	47.049-DMS-0805529	National Science Foundation		31,562
	47.049-DMS-0805843	National Science Foundation		50,176
	47.049-DMS-0805879	National Science Foundation		26,805
	47.049-DMS-0806211	National Science Foundation		9,356
	47.049-DMS-0808515	National Science Foundation		64,366
	47.049-DMS-0821823	National Science Foundation National Science Foundation		(5,806) 989
	47.049-DMS-0835463 47.049-DMS-0900700	National Science Foundation		437,743
	47.049-DMS-0905628	National Science Foundation		79,679
	47.049-DMS-0905819	National Science Foundation		22,188
	47.049-DMS-0905823	National Science Foundation		140,173
	47.049-DMS-0906044	National Science Foundation		279,640
	47.049-DMS-0906056	National Science Foundation		69,677
	47.049-DMS-0906801	National Science Foundation		2,198
	47.049-DMS0909721	National Science Foundation		8,691
	47.049-DMS-0915006	National Science Foundation		135,300
	47.049-DMS-0917686	National Science Foundation		6,834
	47.049-DMS-0934596	National Science Foundation		61,002
	47.049-DMS-0940077	National Science Foundation		22,421
	47.049-DMS-0964813	National Science Foundation		14,768
	47.049-DMS-0968809	National Science Foundation		140,848
	47.049-DMS-1001068	National Science Foundation		153,722
	47.049-DMS-1001079	National Science Foundation		53,478
	47.049-DMS-1007719	National Science Foundation		100,789
	47.049-DMS-1007722	National Science Foundation		83,461
	47.049-DMS-1007732 47.049-DMS-1009005	National Science Foundation National Science Foundation		117,230 124,968
	47.049-DMS-1009003 47.049-DMS-1016106	National Science Foundation		182,850
	47.049-DMS-1025259	National Science Foundation		44,044
	47.049-DMS-1025465	National Science Foundation		63,487
	47.049-DMS-1043204	National Science Foundation		106,865
	47.049-DMS-1065807	National Science Foundation		84,569
	47.049-DMS-1067924	National Science Foundation		453
	47.049-DMS-1068742	National Science Foundation		41,150
	47.049-DMS-1100754	National Science Foundation		14,232
	47.049-DMS-1100771	National Science Foundation		61,946
	47.049-DMS-1100784	National Science Foundation		55,508
	47.049-DMS-1104553	National Science Foundation		53,235
	47.049-DMS-1104555	National Science Foundation		89,533
	47.049-DMS-1105050	National Science Foundation		30,947
	47.049-DMS-1105058	National Science Foundation		42,250
	47.049-DMS-1105305	National Science Foundation		84,472
	47.049-DMS-1105312 47.049-DMS-1105323	National Science Foundation National Science Foundation		16,884
	47.049-DMS-1105323 47.049-DMS-1105330	National Science Foundation		66,018 57,457
	47.049-DMS-1105330 47.049-DMS-1106535	National Science Foundation		160,161
	47.049-DMS-1106627	National Science Foundation		130,534
	47.049-DMS-1106642	National Science Foundation		46,140
	47.049-DMS-1107263	National Science Foundation		36,075
	47.049-DMS-1114816	National Science Foundation		115,794
	47.049-DMS-1120699	National Science Foundation		270,521
	47.049-DMS-1135257	National Science Foundation		19,996
	47.049-DMS-1158938	National Science Foundation		4,185
	47.049-DMS-1159156	National Science Foundation		12,112
	47.049-DMS-1201234	National Science Foundation		4,481
	47.049-DMS-1201924	National Science Foundation		38,423
	47.049-DMS-1205349	National Science Foundation		36,851
	47.049-DMS-1205350	National Science Foundation		18,289
	47.049-DMS-1208164	National Science Foundation		15,833
	47.049-DMS-1208787	National Science Foundation		75,895
	47.049-DMS-1208857	National Science Foundation		872
	47.049-PHY-0140297	National Science Foundation		(2,429)

	Award		Expended
47.049-PHY-042589	97	National Science Foundation	(3,159)
47.049-PHY-06495	78	National Science Foundation	538
47.049-PHY-07561	74	National Science Foundation	983,173
47.049-PHY-075789	96	National Science Foundation	48,479
47.049-PHY-081105	53	National Science Foundation	(18,940)
47.049-PHY-083022	28	National Science Foundation	1,584,813
47.049-PHY-08546	78	National Science Foundation	188,849
47.049-PHY-091846	69	National Science Foundation	543,510
47.049-PHY-096932	22	National Science Foundation	397,553
47.049-PHY-096948	87	National Science Foundation	227,779
47.049-PHY-096949	92	National Science Foundation	176,638
47.049-PHY-100538	86	National Science Foundation	111,345
47.049-PHY-106838	80	National Science Foundation	9,091
47.049-PHY-106859	96	National Science Foundation	1,303,241
47.049-PHY-114456	61	National Science Foundation	8,000
47.049-SMS-09063	94	National Science Foundation	1,737
47.050-11511022		National Science Foundation	9,130
47.050-AGS-05511	74	National Science Foundation	44,440
47.050-AGS-09552	83	National Science Foundation	39,623
47.050-AGS-10012	62	National Science Foundation	99,508
47.050-AGS-10038		National Science Foundation	28,750
47.050-AGS-10252		National Science Foundation	17,340
47.050-AGS-105604		National Science Foundation	94,617
47.050-AGS-11398		National Science Foundation	145,358
47.050-ATM-07314		National Science Foundation	38,152
47.050-ATM-09028		National Science Foundation	48,554
47.050-EAR 094867		National Science Foundation	24,804
47.050-EAR-034623		National Science Foundation	11,037
47.050-EAR-04099		National Science Foundation	119,507
47.050-EAR-041752		National Science Foundation	(2,760)
47.050-EAR-050688		National Science Foundation	22,880
47.050-EAR-053792		National Science Foundation	34,166
47.050-EAR-063470		National Science Foundation	35,818
47.050-EAR-071083		National Science Foundation	43
47.050-EAR-071083		National Science Foundation	(122)
47.050-EAR-07387		National Science Foundation	119,945
47.050-EAR-07388		National Science Foundation	19,488
47.050-EAR-08073		National Science Foundation	106,680
47.050-EAR-082178		National Science Foundation	(260)
47.050-EAR-083826		National Science Foundation	80,320
47.050-EAR-084438		National Science Foundation	36,429
47.050-EAR-091123		National Science Foundation	214,107
47.050-EAR-091174		National Science Foundation	20,144
47.050-EAR-091174 47.050-EAR-094388		National Science Foundation	67,116
47.050-EAR-094380 47.050-EAR-094810		National Science Foundation	14,621
		National Science Foundation	
47.050-EAR-09486			82,887
47.050-EAR-09520		National Science Foundation	128,549
47.050-EAR-100972		National Science Foundation	67,184
47.050-EAR-101384 47.050-EAR-101452		National Science Foundation	140,501
		National Science Foundation	50,635
47.050-EAR-101959		National Science Foundation	85,412
47.050-EAR-101964		National Science Foundation	30,165
47.050-EAR-10198		National Science Foundation	22,136
47.050-EAR-102780		National Science Foundation	145,690
47.050-EAR-10291		National Science Foundation	16,418
47.050-EAR-104568		National Science Foundation	74,391
47.050-EAR-104999		National Science Foundation	12,864
47.050-EAR-105066		National Science Foundation	53,313
47.050-EAR-105545		National Science Foundation	88,915
47.050-EAR-105598		National Science Foundation	61,066
47.050-EAR-110355		National Science Foundation	207,388
47.050-EAR-11140		National Science Foundation	48,154
47.050-EAR-112578	32	National Science Foundation	659,184
47.050-EAR-114192	29	National Science Foundation	60,996
47.050-EAR-114193	31	National Science Foundation	23,990
47.050-GEO-12158	86	National Science Foundation	18,803
47.050-OCE 08249	72	National Science Foundation	28,259
47.050-OCE-04104	30	National Science Foundation	224

Agency	CFDA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
	47.050-OCE-0729236	National Science Foundation		11,975
	47.050-OCE-0825363	National Science Foundation		117,107
	47.050-OCE-0910491	National Science Foundation		41,941
	47.050-OCE-0961714	National Science Foundation		17,937
	47.050-OCE-1041222	National Science Foundation		107,892
	47.050-OCE-1129101	National Science Foundation		35,076
	47.050-OCE-1129270	National Science Foundation		67,162
	47.050-OCE-1130095	National Science Foundation		22,440
	47.050-OCE-1138360	National Science Foundation		24,323
	47.050-OCE-1140404	National Science Foundation		178,400
	47.050-OCE-1144392	National Science Foundation		15,535
	47.070-0702343	National Science Foundation		(182)
	47.070-CCF-0546060	National Science Foundation		18,175
	47.070-CCF-0546535	National Science Foundation		(982)
	47.070-CCF-0546889	National Science Foundation		94,631
	47.070-CCF-0641402	National Science Foundation		(3,846)
	47.070-CCF-0643319	National Science Foundation		(3,513) 111,534
	47.070-CCF-0701607	National Science Foundation		60,903
	47.070-CCF-0702341	National Science Foundation		62,470
	47.070-CCF-0702341 47.070-CCF-0702681	National Science Foundation		
				(203)
	47.070-CCF-0726791	National Science Foundation		984
	47.070-CCF-0743978	National Science Foundation		71,717
	47.070-CCF-0829694	National Science Foundation		(22,647)
	47.070-CCF-0846199	National Science Foundation		275
	47.070-CCF-0903459	National Science Foundation		40,932
	47.070-CCF-0915145	National Science Foundation		143,705
	47.070-CCF-0943269	National Science Foundation		84,260
	47.070-CCF-0963835	National Science Foundation		31,118
	47.070-CCF-0964173	National Science Foundation		63,936
	47.070-CCF-0965028	National Science Foundation		110,665
	47.070-CCF-1011228	National Science Foundation		49,655
	47.070-CCF-1016885	National Science Foundation		91,586
	47.070-CCF-1028831	National Science Foundation		130,244
	47.070-CCF-1049413	National Science Foundation		126,656
	47.070-CCF-1101209	National Science Foundation		79,778
	47.070-CCF-1111943	National Science Foundation		361,530
	47.070-CCF-1116377	National Science Foundation		21,983
	47.070-CCF-1139161	National Science Foundation		87,579
	47.070-CCF-1160904	National Science Foundation		8,942
	47.070-CCF-1161332	National Science Foundation		539
	47.070-CCF-1161812	National Science Foundation		198,254
	47.070-CCF-1212372	National Science Foundation		23,547
	47.070-CNS-0331640	National Science Foundation		259,583
	47.070-CNS-0509558	National Science Foundation		(35)
	47.070-CNS-0507330 47.070-CNS-0524155	National Science Foundation		9,921
	47.070-CNS-0619926	National Science Foundation		32,989
				132,535
	47.070-CNS-0644114	National Science Foundation		
	47.070-CNS-0715739	National Science Foundation		(1,101)
	47.070-CNS-0719844	National Science Foundation		82,272
	47.070-CNS-0831163	National Science Foundation		213,909
	47.070-CNS-0831199	National Science Foundation		28,315
	47.070-CNS-0832820	National Science Foundation		1,848,539
	47.070-CNS-0846014	National Science Foundation		68,699
	47.070-CNS-0855268	National Science Foundation		321,823
	47.070-CNS-0963859	National Science Foundation		167,283
	47.070-CNS-1010921	National Science Foundation		91,425
	47.070-CNS-1012107	National Science Foundation		58,795
	47.070-CNS-1040190	National Science Foundation		63,456
	47.070-CNS-1040593	National Science Foundation		336,582
	47.070-CNS-1050290	National Science Foundation		24,028
	47.070-CNS-1057270	National Science Foundation		19,070
	47.070-CNS-1059020	National Science Foundation		189,141
	47.070-CNS-1064504	National Science Foundation		178,040
	47.070-CNS-1111374	National Science Foundation		162,436
	47.070-IIS-0811460	National Science Foundation		47,511
	47.070-IIS-0811974	National Science Foundation		67,494
	47.070-IIS-0811974 47.070-IIS-0846167	National Science Foundation		38,933
	47.070-IIS-0904325	National Science Foundation		269,944
	17.070 10-0704323	National Science Foundation		207,944

4/0718-07053         Netris Steric Fondation           4/0718-070540         Netris Steric Fondation           4/0718-070540         Netris Steric Fondation           4/0718-070541         Netris Steric Fondation           4/0718-070541         Netris Steric Fondation           4/0718-070542         Netris Steric Fondation           4/0718-070542         Netris Steric Fondation           4/0718-07054         Netris Steric Fondation           4/0718-07054         Netris Steric Fondation           4/0718-07054         Netris Steric Fondation           4/0718-07054         Netris Steric Fondation           4/0718-07056         Netris Steric Fondation           4/0718-07057         Netris	Agency CFDA Number	r and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
4.2001/05/07/25         National Scores Fundation           4.2001/05/08/18         National Scores Fundation           4.2001/05/08/18         National Scores Fundation           4.2001/05/08/18         National Scores Fundation           4.2001/05/08/18         National Scores Fundation           4.2001/05/08/19         National Scores Fundation           4.2001/05/08/19         National Scores Fundation           4.2001/05/09/19         National Scores Fundation           4.2001/05/09/11	47.070-IIS-0914833		National Science Foundation		56,893
4 APD/0005/004391National Scizzur Fundation4 APD/0005/004291National Scizzur Fundation	47.070-IIS-0915040		National Science Foundation		163,196
4 APUNAS DORATENational Socies Foundation4 APUNAS TITARENational Socies Foundation <td>47.070-IIS-0917151</td> <td></td> <td>National Science Foundation</td> <td></td> <td>29,913</td>	47.070-IIS-0917151		National Science Foundation		29,913
4707055794627National Schette Fundidian4707055700195National Schette Fundidian4707055700196National Schette Fundidian4707055700196National Schette Fundidian4707055701708National Schette Fundidian4707055701708National Schette Fundidian4707055701708National Schette Fundidian4707055701708National Schette Fundidian4707055701708National Schette Fundidian4707055718070National Schette Fundidian </td <td>47.070-IIS-0941727</td> <td></td> <td>National Science Foundation</td> <td></td> <td>(1,086)</td>	47.070-IIS-0941727		National Science Foundation		(1,086)
4 A0004 S.00045 (a)National Science Foundation4 A0004 S.100916 (b)National Science Foundation4 A0004 S.100916 (b)National Science Foundation4 A0004 S.100926 (b)National Science Foundation4 A0004 S.100726 (b)National Science Foundation4 A0004 S.100827 (b)National Science Foundation4 A004 S.100827 (b)National Science F	47.070-IIS-0963478		National Science Foundation		118,550
4 APD/0151000016Nativel Science Fondation4 APD/015100020Nativel Science Fondation4 APD/015100020Nativel Science Fondation4 APD/015100020Nativel Science Fondation4 APD/015100205Nativel Science Fondation4 APD/01500205Nativel S	47.070-IIS-0964218		National Science Foundation		90,751
4 ACOR 5. NUMPANatical Science Foundation4 ACOR 5. NUMPANatical Science Foundation <td>47.070-IIS-0964242</td> <td></td> <td>National Science Foundation</td> <td></td> <td>248,634</td>	47.070-IIS-0964242		National Science Foundation		248,634
4 APT0 (15) 1016/42National Scence Foundation4 2010 (15) 10176/6National Scence Foundation4 2010 (15) 10187/7National Scence Foundation4 2014 (15) 10	47.070-IIS-1000845		National Science Foundation		63,181
4 A00145 1001746National Science Fundation4 000145 1001786National Science Fundation4 000145 1001786National Science Fundation4 000145 1001786National Science Fundation4 000145 1001787National Science Fundation4 000145 1101867National Science Fundation4 000145 1101867National Science Fundation4 000145 1101867National Science Fundation4 000145 110867National Science Fundation4 000145 110875National Science Fundation	47.070-IIS-1009916		National Science Foundation		602,659
4.00015/107260National Science Function4.00015/107260National Science Function4.001015/107260National	47.070-IIS-1016324		National Science Foundation		84,344
4. DDB:10.10788Altered Science Foundation4. DDB:10.10788Altered Science Foundation4. DDB:10.108783Altered Science Foundation4. DDB:10.115461Altered Science Foundation4. DDB:10.1154761Altered Science Foundation4. DDB:10.1154762Altered Science Foundation4. DDB:10.1154763Altered Science Foundation4. DDB:10.1154763Altered Science Foundation4. DDB:10.1154764Altered Science Foundation4. DDB:10.1154764Altered Science Foundation4. DDB:10.1154764Altered Science Foundation4. DDB:10.1154764Altered Science Foundation4. DDB:10.115476Altered Science Foundation4. DDB:10.115476Altered Science Foundation4. DDB:10.115476Altered Science Foundation4. DDB:10.115476Altered Science Foundation4. DDB:10.	47.070-IIS-1016909		National Science Foundation		76,266
4.707415-100733National Science Foundation4.707415-100533National Science Foundation4.707415-110554National Science Foundation4.707415-110554National Science Foundation4.707415-110554National Science Foundation4.707415-110554National Science Foundation4.707415-100505National Science Foundation4.707415-100505National Science Foundation4.707415-100505National Science Foundation4.707415-100505National Science Foundation4.707415-100505National Science Foundation4.707415-100507National Science Foundation4.707415-100507Natio	47.070-IIS-1017745		National Science Foundation		43,349
4 DD 15. 1988/3Attack Science Foundation4 DD 15. 1154/84Natack Science Foundation4 DD 15. 1154/84Natack Science Foundation4 DD 15. 1154/84Natack Science Foundation4 DD 16. 1158/87Natack Science Foundation4 DD 16. 1158/87Natack Science Foundation4 DD 16. 1158/87Natack Science Foundation4 DD 16. 1052/84Natack Science Foundation <td>47.070-IIS-1017826</td> <td></td> <td>National Science Foundation</td> <td></td> <td>135,299</td>	47.070-IIS-1017826		National Science Foundation		135,299
4 /00161:11503National Science Foundation4 /00161:114081National Science Foundation4 /00161:11411National Science Foundation<	47.070-IIS-1017938		National Science Foundation		159,813
4 70005:11258National Science Fundation4 70005:11957National Science Fundation4 704080:4011National Science Fundation4 704080:4021National Science Fundation4 704080:4021National Science Fundation4 704080:4021National Science Fundation4 704080:4021National Science Fundation4 704080:105512National Science Fundation4 704080:10512National Science Fundation4 704080:10513National Science Fundation4 704080:10513 <td>47.070-IIS-1048573</td> <td></td> <td>National Science Foundation</td> <td></td> <td>42,942</td>	47.070-IIS-1048573		National Science Foundation		42,942
4 / 2010/15/14/8/37Notional Science Fundation4 / 2014/8/13/43National Science Fundation4 / 2014/8/13/43National Science Fundation4 / 2014/8/13/23National Science Fundation4 / 2014/8/13/23N	47.070-IIS-1115493		National Science Foundation		4,137
4 / 2010/15/14/8/37Notional Science Fundation4 / 2014/8/13/43National Science Fundation4 / 2014/8/13/43National Science Fundation4 / 2014/8/13/23National Science Fundation4 / 2014/8/13/23N			National Science Foundation		193,836
4 20008-1199/9National Science Fundation4 20008000000000000000000000000000000000			National Science Foundation		50,197
4/074.0B/03/67/1Notional Science Fundation4/074.0B/07080Notional Science Fundation4/074.0B/07080Notional Science Fundation4/074.0B/07080Notional Science Fundation4/074.0B/07080Notional Science Fundation4/074.0B/07081Notional Science Fundation4/074.0B/07081 <td></td> <td></td> <td></td> <td></td> <td>28,555</td>					28,555
4.104.0810/08100National Science Frondation4.1074.0810/08100National Science Frondation4.1074.0810/08201National Science Frondation4.1074.08110/08202National Science Frondation4.1074.08110/08202National Science Frondation4.1074.08110/08202National Science Frondation4.1074.08110/08202National Science Frondation4.1074.08110/0721National Science Frondation4.1074.0812008National Science Frondation4.1074.0812080National Science Frondation4.1074.0812080National Science Frondation4.1074.0812081National Science Frondation4.1074.0812081National Science Frondation4.1074.082081201National Science Frondation4.1074.082081201National Science Frondation4.1074.082081201National Science Frondation4.1074.082081201National Science Frondation					73,449
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4 7974 DBB-092210Kalinani Science Foundation4 7974 DBB-105217Kalinani Science Foundation4 7974 DBB-105317Kalinani Science Foundation4 7974 DBB-105377Kalinani Science Foundation4 7974 DBB-105377Kalinani Science Foundation4 7974 DBB-105478723Kalinani Science Foundation4 7974 DEB-0781888Kalinani Science Foundation4 7974 DEB-0781889Kalinani Science Foundation4 7974 DEB-0781898Kalinani Science Foundation4 7974 DEB-078123Kalinani Science Foundation4 7974 DEB-101504Kalinani Science Foundation4 7974 DEB-101505Kalinani Science Foundation4 7974 DEB-101507Kalinani Science Foundation4 7974 DEB-10157Kalinani Science Foundatio					786,032
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47.074-IOS-1160811National Science Foundation47.074-IOS-1209429National Science Foundation47.074-MCB034749National Science Foundation47.074-MCB-0846870National Science Foundation47.074-MCB-0946870National Science Foundation47.074-MCB-0954714National Science Foundation47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1157960National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613997National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-07489					194,083
47.074-IOS-1209429National Science Foundation47.074-MCB0734749National Science Foundation47.074-MCB-0846870National Science Foundation47.074-MCB-0919027National Science Foundation47.074-MCB-0954714National Science Foundation47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1125780National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-125433National Science Foundation47.074-MCB-125433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-081405National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0814085National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0814085					133,500
47.074-MCB0734749National Science Foundation47.074-MCB-0846870National Science Foundation47.074-MCB-0919027National Science Foundation47.074-MCB-0954714National Science Foundation47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1157960National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0613295National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0818					12,777
47.074-MCB-0846870National Science Foundation47.074-MCB-0919027National Science Foundation47.074-MCB-0954714National Science Foundation47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS-061297National Science Foundation47.075-BCS-061297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation					4,290
47.074-MCB-0919027National Science Foundation47.074-MCB-0954714National Science Foundation47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0613956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-081					19,553
47.074-MCB-0954714National Science Foundation47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-061956National Science Foundation47.075-BCS-0818165National Science Foundation					(6,989)
47.074-MCB-1021472National Science Foundation47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0814085National Science Foundation					243,668
47.074-MCB-1054025National Science Foundation47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation					167,380
47.074-MCB-1121778National Science Foundation47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0788165National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation					199,326
47.074-MCB-1149328National Science Foundation47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.074-MCB-1054025				143,343
47.074-MCB-1157960National Science Foundation47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.074-MCB-1121778		National Science Foundation		249,462
47.074-MCB-1215433National Science Foundation47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.074-MCB-1149328				4,080
47.075-BCS 1024029National Science Foundation47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.074-MCB-1157960		National Science Foundation		3,800
47.075-BCS-0613297National Science Foundation47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.074-MCB-1215433		National Science Foundation		24,412
47.075-BCS-0619956National Science Foundation47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.075-BCS 1024029		National Science Foundation		6,459
47.075-BCS-0748915National Science Foundation47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.075-BCS-0613297		National Science Foundation		(1,811)
47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.075-BCS-0619956		National Science Foundation		(1,747)
47.075-BCS-0818165National Science Foundation47.075-BCS-0844085National Science Foundation	47.075-BCS-0748915		National Science Foundation		14,087
47.075-BCS-0844085 National Science Foundation	47.075-BCS-0818165		National Science Foundation		3,913
					60,357
47.075-BCS-0850664 National Science Foundation					61,093
47.075-BCS-0905082 National Science Foundation					191,498

	DA Number and Contract/Pass Through Award		Federal Agency / Pass Through Entity	Amount Expended
47.075	5-BCS-0920865	National Science Foundation		73,252
47.075	5-BCS-0924145	National Science Foundation		4,118
47.075	5-BCS-1015941	National Science Foundation		(32)
47.075	5-BCS-1023289	National Science Foundation		7,490
47.075	5-BCS-1023337	National Science Foundation		10,739
	5-BCS-1025602	National Science Foundation		76,283
47.075	5-BCS-1026552	National Science Foundation		6
	5-BCS-1058119	National Science Foundation		15,969
	5-BCS-1062879	National Science Foundation		106,676
	5-BCS-1121309	National Science Foundation		2,637
	5-BCS-1121326	National Science Foundation		2,400
	5-BCS-1121637	National Science Foundation		1,580
	5-BCS-1147534	National Science Foundation		70,349
	5-BCS-1152997	National Science Foundation		442
	5-BSC-1153488	National Science Foundation		1,484
	5-SES 0952816	National Science Foundation		100,237
	5-SES 0961456	National Science Foundation		74,878
	5-SES 0961481 5-SES-0535332	National Science Foundation National Science Foundation		93,438 101,035
	5-SES-05548285	National Science Foundation		2,530
	5-SES-0617682	National Science Foundation		9,426
	5-SES-0643037	National Science Foundation		159,781
	5-SES-0645728	National Science Foundation		114,617
	5-SES-0647850	National Science Foundation		29,868
	5-SES-0649003	National Science Foundation		19,946
	5-SES-0748889	National Science Foundation		6,376
	5-SES-0750723	National Science Foundation		106,978
	5-SES-0752860	National Science Foundation		38,920
	5-SES-0827384	National Science Foundation		59,437
	5-SES-0835601	National Science Foundation		(575)
	5-SES-0836409	National Science Foundation		17,217
	5-SES-0846194	National Science Foundation		34,634
	5-SES-0921563	National Science Foundation		28,664
47.075	5-SES-0921689	National Science Foundation		507
47.075	5-SES-0921748	National Science Foundation		44,381
47.075	5-SES-0921849	National Science Foundation		108,529
47.075	5-SES-0922297	National Science Foundation		17,484
47.075	5-SES-0937715	National Science Foundation		727,583
47.075	5-SES-0944139	National Science Foundation		(4,037)
47.075	5-SES-0957962	National Science Foundation		95,677
47.075	5-SES-0961693	National Science Foundation		79,813
	5-SES-0962625	National Science Foundation		10,952
47.075	5-SES-0963212	National Science Foundation		127,825
	5-SES-1002657	National Science Foundation		1,860
	5-SES-1003013	National Science Foundation		2,573
	5-SES-1021134	National Science Foundation		35,601
	5-SES-1024504	National Science Foundation		63,379
	5-SES-1029479	National Science Foundation		5,232
	5-SES-1030024	National Science Foundation		10,000
	5-SES-1042938	National Science Foundation		31,000
	5-SES-1049100	National Science Foundation		447
	5-SES-1061569	National Science Foundation		50,000
	5-SES-1121281 5-SES-1122647	National Science Foundation National Science Foundation		36,569
		National Science Foundation		11,894
	5-SES-1123314	National Science Foundation		87,954
	5-SES-1129123 5-SES-1130035	National Science Foundation		400 8,525
	5-SES-1145911	National Science Foundation		8,525 31,562
	5-SES-1153160	National Science Foundation		31,562 8,454
	5-SES-1153867	National Science Foundation		13,148
	5-SES-1157885	National Science Foundation		95,800
	5-SES-1157885	National Science Foundation		45,800
	5-SES-1202971	National Science Foundation		3,182
	5-SMA 1038188	National Science Foundation		18,297
	5-SMA-1158673	National Science Foundation		26,281
	5-DGE-0645962	National Science Foundation		176,030
	5-DGE-0801700	National Science Foundation		464,677
	5-DGE-1147470	National Science Foundation		13,005,559

ncy CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
47.076-DRL-0746137	National Science Foundation	11,09
47.076-DRL-0750340	National Science Foundation	304,80
47.076-DRL-0814559	National Science Foundation	(2,85
47.076-DRL-0814768	National Science Foundation	318,06
47.076-DRL-0835614	National Science Foundation	188,63
47.076-DRL-1029929	National Science Foundation	206,24
47.076-DRL-1055130	National Science Foundation	64,99
47.076-DRL-1156751	National Science Foundation	120,05
47.076-DUE-0920799	National Science Foundation	90,37
47.076-DUE-0941984	National Science Foundation	35,37
47.076-DUE-1022644	National Science Foundation	100,09
47.076-DUE-1023075	National Science Foundation	15,5 <sup>-</sup>
47.076-DUE-1122650	National Science Foundation	33,58
47.076-DUE-1125457	National Science Foundation	966,02
47.078-ANT-0538627	National Science Foundation	11,18
47.078-ANT-0636928	National Science Foundation	12
47.078-ANT-0944727	National Science Foundation	151,75
47.078-ANT-1043442	National Science Foundation	142,65
47.078-ANT-1063592	National Science Foundation	142,53
47.078-ANT-1145248	National Science Foundation	8,42
47.080-OCI-1047577	National Science Foundation	188,18
47.080-OCI-1130086	National Science Foundation	2,50
47.080-OCI-1142022	National Science Foundation	20,64
47.080-OCI-1147463	National Science Foundation	11,67
47.080-OCI-1214147	National Science Foundation	11,75
Direct Programs Total		62,433,20
Pass-Through Programs From		
47PO No. 9500009649	NSF_BBN Technologies	5,78
47.050-4500000941	NSF_Boston University	15,66
474500000160/(prev)GC177028NGA-5	NSF_Boston University	80,16
47.049-68D-1089577	NSF_California Institute of Technology	140,83
47.049-75ADV-1087852	NSF_California Institute of Technology	80,12
47.070-81-1088450	NSF_California Institute of Technology	27,40
47.074-6-10152-01	NSF_Carnegie Institution of Washington	117,73
47.074-6-2091-04-02	NSF_Carnegie Institution of Washington	15,13
47.041-42639 STTR Phase 2b Project	NSF_Clados Management, LLC	(52
47.076-5-25051	NSF_Columbia University	20,65
47.070-CIF-285/0937060	NSF_Computing Research Association	15,13
47.070-CIF-A-411	NSF_Computing Research Association	11,13
47.070-CIF-D-009	NSF_Computing Research Association	124,72
47.050-BA-71 T318A71 / T318B71	NSF_Consortium for Ocean Leadership	4,60
47.041-44771-7470	NSF Cornell University	2,761,31
47.082-44771-7470	NSF_Cornell University	4,055,24
47.074-09-NSF-1053	NSF_Duke University	151,57
47.076-11-NSF-1088	NSF_Duke University	65
47.049-S337214/CHE-0943980	NSF_Emory University	40,01
47.049-5337214/CHE-0943960 47.080-E2021041	NSF_George Mason University	40,0
	5 J	
47.075-108084-01	NSF_Harvard University	99,85
47.078-Sub 131268 Prime ANT-1044978	NSF_Harvard University	110,39
47.050-36-E&O	NSF_Incorporated Research Institutions for Seismology	24,7
47.070-340	NSF_International Computer Science Institute	66,42
47.049-2001343630	NSF_Johns Hopkins University	33,4
47.049-C4404-IL/AST-0551161	NSF_LSST Corporation	322,88
478-009 NSF #0426401	NSF_McRel (Mid_continent Research for Education & Learning)	67,0
47.075-5812-SU	NSF_National Opinion Research Center	46,9
47.074-F6059-05,Amend 2 PO#UW374961-1	NSF_New York University	83,74
47NWRA-10-S-130	NSF_NorthWest Research Associates	57,80
47.076-SP0009814-PROJ0002739	NSF_Northwestern University	80,04
47.070-4101-32046	NSF_Purdue University	45,2
47.070-4101-38047	NSF_Purdue University	864,73
47.076-4101-38893	NSF_Purdue University	36,2
47.076-4101-39453	NSF_Purdue University	26,7
47.049-119-000222	NSF_SRI International	15,79
	NSF_SRI International	83,68
47.050-20-003469		
47.075-STA712892	NSF_The College of William and Mary in Virginia	
	NSF_The College of William and Mary in Virginia NSF_University of Albany, State University of New York NSF_University of California, Berkeley	9,17 (1 75,13

ency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
47.041-00007214/EEC0946510/1674894	NSF_University of California, Berkeley	36,1
47.041-0006046/BB00061414/CMMI0751621	NSF_University of California, Berkeley	90,1
47.041-007445/2000020122/EECS-0939514	NSF_University of California, Berkeley	416,3
47.041-Sub 00006969 PO# 2000020324	NSF_University of California, Berkeley	562,1
47.070-SA4899-10808PG	NSF_University of California, Berkeley	480,0
47.041-014561-01-SU	NSF_University of California, Davis	(2,7
47.049-002865-SU	NSF_University of California, Davis	11,6
47.074-0980 G HF010	NSF_University of California, Los Angeles	106,3
47.074-E257GNA10900	NSF_University of California, Merced	110,1
47.041-KK8128/CCMI-0708367	NSF_University of California, Santa Barbara	2,6
47.049-45202	NSF_University of Chicago	1,7
47.076-1544378/PO# 1000013104	NSF_University of Colorado	85,9
47.076-1547260/PO# 75339	NSF_University of Colorado	184,0
47.041-A3767/2007-06015-03	NSF_University of Illinois	(14,:
47.049-2006-05265-01	NSF_University of Illinois	166,0
47.079-11-707D-C	NSF_University of Nevada	113,0
47.050-119941 Prime EAR-0529922	NSF_University of Southern California	100,
47.050-121663-02	NSF_University of Southern California	36,2
47.050-152415	NSF_University of Southern California	64,
47.050-157594	NSF_University of Southern California	4,
47.050-32410118	NSF_University of Southern California	2,
47.076-Subaward No. GA10758-140234	NSF_University of Virginia	88,
47.075-Sub 668053 Prime OMA-0835854	NSF_University Of Washington	866,
47.041-329K092	NSF_University of Wisconsin	15,
47.050-A100713/EAR-0948609	NSF_Woods Hole Oceanographic Institution	8,
Pass-Through Programs From Total		13,405,
Non-ARRA Total tional Science Foundation (NSF) Total		75,838, 85,385,
partment of Transportation		
Direct Programs 20.108-08-G-007	Office of Aviation Research, Federal Aviation Administration	2,051,
20.108-08-09-09-09-09-09-09-09-09-09-09-09-09-09-	Office of Aviation Research, Federal Aviation Administration	2,031, 307,
20.109-02-C-NE-SU	Office of Aviation Research, Federal Aviation Administration	263,
20.109-09-C-NE-SU-002	Office of Aviation Research, Federal Aviation Administration	203,
20.109-10-C-CST-SU	Office of Aviation Research, Federal Aviation Administration	(49,
20.109-10-C-CST-SU-004	Office of Aviation Research, Federal Aviation Administration	48,
20.109-10-C-CST-SU-005	Office of Aviation Research, Federal Aviation Administration	84,
20.109-10-C-CST-SU-007	Office of Aviation Research, Federal Aviation Administration	27,
20.109-10-C-CST-SU-008 TASK 258	Office of Aviation Research, Federal Aviation Administration	41,
20.109-10-C-CST-SU-03	Office of Aviation Research, Federal Aviation Administration	46
20.109-10-C-CST-SU-18 TASK #193	Office of Aviation Research, Federal Aviation Administration	120,
Direct Programs Total		3,043,
partment of Transportation Total		3,043,
her Federal Agencies J.S. Department of Homeland Security		
Direct Programs	HC Baseline (Henderley Const	
97.077-2008-DN-077-ARI005	U.S. Department of Homeland Security	445,
97HSHQDC-11-C-00094/RDTR-1100201	U.S. Department of Homeland Security	230,
97HSHQDC-12-C-00002	U.S. Department of Homeland Security	324,
Direct Programs Total		999,
Pass-Through Programs From		
97.061-Z930120	Dept of Homeland Security_University Of Maryland At College Park	11,
97.061-4112-31740 (MDRP 5)	Dept. of Homeland Security_Purdue University	(21,
97.061-151334 / 2010-ST-061-RE0001	Dept. of Homeland Security_University of Southern California	(18,
97122384	Dept of Homeland Security_Pacific Northwest National Laboratory	3,
97.061-159446 / 2010-ST-061-RE0001	Dept. of Homeland Security_University of Southern California	44,
Pass-Through Programs From Total J.S. Department of Homeland Security Total		
Office of the Directory of National Intelligence		
-		
Pass-Through Programs From		
Pass-Through Programs From 992/5-22235	Office of the Director of National Intelligence_Columbia University	412,
	Office of the Director of National Intelligence_Columbia University	412,

Agency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
The Library of Congress		
Direct Programs		
42.008-GA07C0035	The Library of Congress	109,184
42.008-SPO 49000	The Library of Congress	163,109
Direct Programs Total The Library of Congress Total		272,293 272,293
National Endowment for the Humanities		
Direct Programs		
45.161-NEH RQ-50393-09	National Endowment for the Humanities	149,338
45.161-RQ-05326-08	National Endowment for the Humanities	13,366
45.169-HJ-50056-10	National Endowment for the Humanities	2,922
Direct Programs Total		165,626
Pass-Through Programs From		
45.169-GF2628-1/PO# 106281	NEH_University of North Texas	413
Pass-Through Programs From Total National Endowment for the Humanities Total		413
Central Intelligence Agency		
Direct Programs		
992010-1044007	Central Intelligence Agency	117,741
Direct Programs Total	Central Intelligence Agency Total	117,741
Central Intelligence Agency Total		117,741
Social Security Administration		
Pass-Through Programs From		
96.007-5001537-5 Sandell	Social Security Administration_Boston College	44,995
Pass-Through Programs From Total Social Security Administration Total		44,995
U.S. Agency for International Development		
Pass-Through Programs From		
98105513	USAID_Water and Sanitation for the Urban Poor	32,390
Pass-Through Programs From Total U.S. Agency for International Development Total		32,390
US Civilian Research & Development Foundation		
Direct Programs		
47.079-RUG1-2994-MA-11	US Civilian Research & Development Foundation	12,537
Direct Programs Total US Civilian Research & Development Foundation Total		12,537
Other Federal Agencies Total		2,078,780
-		
RESEARCH AND DEVELOPMENT CLUSTER Total		634,887,871
STUDENT FINANCIAL AID CLUSTER Department of Education		
Direct Programs		
84.063-P063P111187	Federal Pell Grant Program (PELL)	5,143,143
	Federal Pell Grant Program (PELL) Total	5,143,143
84.007-P007A100619	Federal Supplemental Educational Opportunity Grant (FSEOG)	(196,995
84.007-P007A110619	Federal Supplemental Educational Opportunity Grant (FSEOG)	948,673
	Federal Supplemental Educational Opportunity Grant (FSEOG) Total	751,678
84.033-P033A100619	Federal Work_Study Program (FWS)	210,307
84.033-P033A110619	Federal Work_Study Program (FWS)	1,098,595
84.033-P033A120619	Federal Work_Study Program (FWS)	377,790
	Federal Work_Study Program (FWS) Total	1,686,693
84.379-P379T121187	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	117,660
	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants) Total	117,660 7,699,173
Direct Programs Total		

Stanford University

Schedule of Expenditures of Federal Awards For The Year Ended August 31, 2012

Agency CFDA Number and Contract/Pass Through Award Department of Health and Human Services (DHHS) Direct Programs 93.925-T08HP22555A0 Direct Programs Total Department of Health and Human Services (DHHS) Total	Federal Agency / Pass Through Entity	Amount Expended
Direct Programs 93.925-T08HP22555A0 Direct Programs Total		
93.925-T08HP22555A0 Direct Programs Total		
Direct Programs Total	National Institutes of Health	43,230
		43,230
Department of Health and Human Services (DHHS) Total		43,230
STUDENT FINANCIAL AID CLUSTER Total		7,742,403
OTHER FEDERAL AWARDS		
Department of Agriculture		
Direct Programs		00.401
10.310-2011-67011-30647 Direct Programs Total	United States Department of Agriculture	20,401 20,401
Department of Agriculture Total		20,401
Department of Defense (DOD)		
Air Force		
Direct Programs		
12.999-Org ID 05518765	Air Force Institute of Technology	31,665
Direct Programs Total Air Force Total		31,665
		31,665
Army		
Direct Programs 12.999-Org ID 05405200	U.S. Army Human Resources Command	435,537
12.999-Org ID 05414983	U.S. Coast Guard	40,998
Direct Programs Total		476,535
Pass-Through Programs From		
12SPO# 107307	DOD_Army_High Performance Technologies, Inc.	224,759
12.999-Org ID 05404776	DOD_Army_Santa Clara University	121,099
Pass-Through Programs From Total		345,858
Army Total		822,393
Navy		
Direct Programs 12.300-N00014-11-1-0842	Department of the New	14,589
12.300-1000 14-11-1-0642 12.999-Org ID 05619669	Department of the Navy Navy Medicine MPT&E	38,408
12.999-Org ID 05571726	U.S. Naval Academy	17,057
Direct Programs Total		70,053
Navy Total		70,053
DARPA and Other DOD		
Direct Programs		
12.900-H98230-11-1-0327	National Security Agency	4,687
12.900-H98230-11-1-0328	National Security Agency	40,127
12.900-H98230-12-1-0029 12.900-H98230-12-1-0076	National Security Agency National Security Agency	116,331 45,162
12.999-Org ID 05405328	National Security Agency	232,484
Direct Programs Total		438,790
DARPA and Other DOD Total		438,790
Department of Defense (DOD) Total		1,362,902
Department of Education		
Direct Programs	United States Department of Education	1505/0
84.015A-P015A100143 84.015-P015B100037	United States Department of Education United States Department of Education	152,568 309,497
84.015-P015B100087	United States Department of Education	246,173
84.015-P015A100037	United States Department of Education	222,544
84.015-P015A100087	United States Department of Education	120,322
84.015-P015B100143	United States Department of Education	247,992
84.021A-P021A080005	United States Department of Education	253,129
84.022A-P022A100071	United States Department of Education	20,040
84.170B-P170B090014	United States Department of Education	40,416
84.170B-P170B110002 84.170-P170B100024	United States Department of Education	76,957 43,975
84.170-P170B100024 84.184T-Q184T090009	United States Department of Education United States Department of Education	43,975
84.195N-T195N020184	United States Department of Education	(72)
Direct Programs Total		1,837,524

93.837-8-FHL114315A

Agency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
Pass-Through Programs From		
84.017-08-STC08046-01	Dept of Ed_University of California Office of the President	50,76
84.367-NCLB7-CFLP-STANFORD	Dept of Ed_University of California Office of the President	(7
Pass-Through Programs From Total		50,68
Department of Education Total		1,888,20
Department of Energy (DOE)		
Direct Programs		100.11
81.039-DE-EI0000065	U.S. Department of Energy	122,44
81.049-DE-FG01-06EI38110	U.S. Department of Energy	(30
81.049-DE-FG02-08ER64552 81.049-DE-SC0005171	U.S. Department of Energy U.S. Department of Energy	11,86 56,10
Direct Programs Total	0.3. Department of Energy	190,10
Pass-Through Programs From		
81.999-Org ID 05405355	U.S. DOE_Sandia National Laboratories Livermore	109,5
81.999-Org ID 05405309	U.S. DOE_Sandia National Laboratories Mexico	238,09
81.049-C11E11331(E00146)	U.S. DOE_Yale University	7,60
Pass-Through Programs From Total		355,24
Department of Energy (DOE) Total		545,35
Environmental Protection Agency		
Direct Programs		
66.514-FP-91711101	U.S. Environmental Protection Agency	17,46
66.514-FP-91716501	U.S. Environmental Protection Agency	16,53
66.514-FP-91727401	U.S. Environmental Protection Agency	15,3
66.514-FP-91736301 Direct Programs Total	U.S. Environmental Protection Agency	<u> </u>
Environmental Protection Agency Total		66,27
Department of Interior		
Direct Programs		
15.808-06WRAG0006	U.S. Geological Survey	(4
15P11AT70852/P11ACW0595	United States Department of the Interior	5,34
Direct Programs Total		5,29
Department of Interior Total		5,29
National Aeronautics and Space Administration (NASA)		
Direct Programs		
43.999-Org ID 05805202	NASA Shared Services Center	7,81
43.999-Org ID 05781332 43.001-NNX09AN80H	NASA Shared Services Center National Aeronautics and Space Administration	9,24 31,75
43.001-NNX12AL30A	National Aeronautics and Space Administration	5,08
43.009-NNX11AL52H	National Aeronautics and Space Administration	27,84
43.009-NNX11AM92H	National Aeronautics and Space Administration	65,93
43.009-NNX11AN14H	National Aeronautics and Space Administration	58,9
43.AAA-NNX09A008H	National Aeronautics and Space Administration	29,32
43.AAA-NNX09AL89G	National Aeronautics and Space Administration	148,87
43.AAA-NNX09AO48H	National Aeronautics and Space Administration	28,03
43.AAA-NNX10AQ65G	National Aeronautics and Space Administration	82,84
Direct Programs Total National Aeronautics and Space Administration (NASA) Tot	al	495,70
		155,70
Department of Health and Human Services (DHHS) Direct Programs		
93.184-9-UDD000565A	Centers for Disease Control and Prevention	18,14
93.282-8-FMH084430A	National Institutes of Health	20
93.282-8-FMH090648A	National Institutes of Health	39,05
93.282-8-FMH093125A	National Institutes of Health	32,0
93.282-8-FMH094094A	National Institutes of Health	31,5
93.282-8-FMH095468A	National Institutes of Health	53,1
93.351-8-GOD016145A	National Institutes of Health	499,0
93.398-8-FCA150545A	National Institutes of Health	34,0
93.398-8-FCA167917A	National Institutes of Health	19,0
93.713-8-FDC010547A	National Institutes of Health	35,8
93.837-8-FHL103193A	National Institutes of Health	24,53

6,923

National Institutes of Health

Award	Federal Agency / Pass Through Entity	Amount Expended
93.838-8-KHL089989A	National Institutes of Health	99,0
93.846-8-RAR053058D	National Institutes of Health	65,2
93.847-FDK094541A	National Institutes of Health	41,7
93.853-8-FNS066676B	National Institutes of Health	33,4
93.853-8-FNS066786A	National Institutes of Health	31,3
93.853-8-FNS070381A	National Institutes of Health	35,5
93.853-8-FNS071697A	National Institutes of Health	39,2
93.853-8-FNS073258A	National Institutes of Health	32,9
93.853-8-FNS074712A	National Institutes of Health	14,7
93.853-8-FNS078814A	National Institutes of Health	17,0
93.855-8-FAI094869A	National Institutes of Health	24,4
93.859-8-FGM084680A	National Institutes of Health	39,2
93.866-8-FAG032199A	National Institutes of Health	31,1
93.866-8-FAG032854A	National Institutes of Health	8,2
93.866-8-FAG039195A	National Institutes of Health	32,4
93.866-8-FAG040885A	National Institutes of Health	37,9
93.946-9-UDP003785A	National Institutes of Health	255,0
93HHSN271201000475P	National Institutes of Health	11,2
93.884-D57HP09967A0	Public Health Service, Health Resources and Services Administration	(22,1
93.157-D34HP16047A0	United States Department of Health and Human Services	490,2
Direct Programs Total		2,112,3
Pass-Through Programs From		
93.283-U36/CCU319276	CDC_Association of American Medical Colleges	4,2
93.394-1129673-100-DHASX	NIH_American College of Radiology	(15,1
93.847-5R25DK078385-05	NIH_CHILDRENS HOSPITAL LOS ANGELES	(13,1
		21,5
93.855-2/GG004868	NIH_Columbia University	
93.395-5 U10 CA98543-09 SUB#021100	NIH_National Childhood Cancer Foundation	6,7
93.242-0017223 119061-02	NIH_University of Pittsburgh	3,5
93.884-D58HP15232	PHS_Consortium for Ocean Leadership	7,3
9351907	PHS_Sequoia Foundation	7
Pass-Through Programs From Total Department of Health and Human Services (DHHS) Total		29,7 2,142,0
		_//-
Department of Transportation		
Direct Programs		
Direct Programs 20.215-NONE	Department of Transportation	
Direct Programs 20.215-NONE Direct Programs Total	Department of Transportation	2,0
Direct Programs 20.215-NONE Direct Programs Total	Department of Transportation	2,0
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total	Department of Transportation	2,0
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total	Department of Transportation	2,0
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs	Department of Transportation Department of Veterans Affairs	2,0
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203	Department of Veterans Affairs	<u>2,(</u> 2,( 55,(
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436	Department of Veterans Affairs Department of Veterans Affairs	<u>2,(</u> 2,0 55,( 19,1
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660	Department of Veterans Affairs	2,( 2,0 55,( 19, 1,247,(
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total	Department of Veterans Affairs Department of Veterans Affairs	2,( 2,0 55,( 19,1 1,247,( 1,322,(
Direct Programs 20.215-NONE Direct Programs Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARF GI-21660 Direct Programs Total Department of Veterans Affairs Total	Department of Veterans Affairs Department of Veterans Affairs	2,0 2,0 55,6 19,1 1,247,0 1,322,0
Direct Programs 20.215-NONE Direct Programs Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Dther Federal Agencies	Department of Veterans Affairs Department of Veterans Affairs	2,( 2,( 55,( 19, 1,247,( 1,322,(
Direct Programs 20.215-NONE Direct Programs Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of State	Department of Veterans Affairs Department of Veterans Affairs	2,( 2,( 55,( 19, 1,247,( 1,322,(
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits	2,( 2,( 55,, 19, 1,247, 1,322,( 1,322,(
Direct Programs 20.215-NONE Direct Programs Total lepartment of Transportation Total lepartment of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total lepartment of Veterans Affairs Total lther Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State	2) 2) 55; 19, 1,247, 1,322, 1,322, 657,
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State	2, 2, 55, 19, 1,247, 1,322, 1,322, 657, 26,
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMQM-10-GR-514	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State	2,( 2,( 2,( 1,22,( 1,222,( 1,322,( 1,322,( 1,322,( 1,322,( 248,, 248,,
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SLAMQM-10-GR515	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State	2, 2, 2, 55, 19, 1,247, 1,322, 1,322, 1,322, 657, 26, 248, 276,
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMQM-10-GR-514	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247, 1,322,( 1,322,( 1,322,( 1,322,( 248, 276,( 148,( 148,(
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SLAMQM-10-GR-514 19.345-SLAMQM-10-GR515	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247, 1,322,( 1,322,( 1,322,( 1,322,( 248, 276,( 148,( 148,(
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Dther Federal Agencies Department of Veterans Affairs Total Dther Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SLAMQM-10-GR515 19.401-S-LMAQM-08-GR-621-TTH-A002	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247,( 1,322,( 1,32),
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Department of Veterans Affairs Total Dther Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMOM-10-GR-514 19.345-SLAMOM-10-GR515 19.401-S-LMAQM-08-GR-621-TTH-A002 Direct Programs Total	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247,( 1,322,( 1,32),
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMQM-10-GR-514 19.345-SLAMQM-10-GR-515 19.401-S-LIMAQM-08-GR-621-TTH-A002 Direct Programs Total Department of State Total National Historical Publications And Records Commission	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247,( 1,322,( 1,32),
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SLAMQM-10-GR515 19.401-S-LIMAQM-08-GR-621-TTH-A002 Direct Programs Total Department of State Total National Historical Publications And Records Commission Direct Programs	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247,( 1,322,( 1,322,( 1,322,( 1,322,( 248,) 276,( 148, 1,358,( 1,358,(
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLMAQM-10-GR-514 19.345-SLMAQM-10-GR-515 19.401-S-LIMAQM-08-GR-621-TTH-A002 Direct Programs Total Department of State Total National Historical Publications And Records Commission Direct Programs 89.003-NAR10-RB-50087-10	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State Department of State	2,( 2,( 2,( 55,( 19, 1,247,( 1,322,( 1,322,( 1,322,( 1,322,( 1,322,( 1,322,( 1,328,( 1,358,())))))))))))))))))))))))))))))))))))
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Dther Federal Agencies Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMQM-10-GR515 19.401-S-LIMAQM-08-GR-621-TTH-A002 Direct Programs Total Department of State Total National Historical Publications And Records Commission Direct Programs 89.003-NAR10-RB-50087-10 89.003-NAR11-PM-50060-11	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19, 1,247,( 1,322,( 1,322,( 1,322,( 1,322,( 1,322,( 1,322,( 1,326,( 1,358,()),( 1,358,()),())))))))))))))))))))))))))))))))
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Dther Federal Agencies Department of Veterans Affairs Total Dther Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMQM-10-GR515 19.401-S-LMAQM-08-GR-621-TTH-A002 Direct Programs Total Department of State Total National Historical Publications And Records Commission Direct Programs 89.003-NAR10-RB-50087-10 89.003-NAR11-RP-50062-11	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State Department of State Department of State	2,( 2,( 2,( 19,1 1,247,( 1,322,( 1,322,( 1,322,( 1,322,( 1,322,( 1,322,( 1,328,( 1,358,()),( 1,358,()),( 1,358,()),()),()),()),()),()),()),()),()),()
Direct Programs 20.215-NONE Direct Programs Total Department of Transportation Total Department of Veterans Affairs Direct Programs 64.999-Org ID 05734203 64.999-Org ID 05734203 64.999-Org ID 05846436 64.1131450-ARFGI-21660 Direct Programs Total Department of Veterans Affairs Total Other Federal Agencies Department of Veterans Affairs Total Other Federal Agencies Department of State Direct Programs 19.022-SINLEC10GR0020 19.345-SAQMMA12M0856 19.345-SLAMQM-10-GR515 19.401-S-LMAQM-08-GR-621-TTH-A002 Direct Programs Total Department of State Total National Historical Publications And Records Commission Direct Programs 89.003-NAR10-RB-50087-10 89.003-NAR11-PM-50060-11	Department of Veterans Affairs Department of Veterans Affairs VA Education Benefits Department of State Department of State Department of State Department of State Department of State Department of State	2.0 2.0 2.0 2.0 55.8 19,1 1,247,0 1,322,0 1,322,0 1,322,0 1,322,0 1,322,0 1,322,0 1,322,0 1,325,0 1,358,0 1,35

106

Stanford University Schedule of Expenditures of Federal Awards For The Year Ended August 31, 2012

Agency CFDA Number and Contract/Pass Through Award	Federal Agency / Pass Through Entity	Amount Expended
National Endowment for the Humanities		
Direct Programs		
45.149-PF-50169-11	National Endowment for the Humanities	28,601
45.163-FS-50244-10	National Endowment for the Humanities	(3,523)
Direct Programs Total		25,078
Pass-Through Programs From		
45.310-101900	Institute of Museum and Library Services _Southern California Library	61,223
45.312-2010-03803-03 / IL Grant A1596	Institute of Museum and Library Services_University of Illinois at Urbana Champaign	84,496
Pass-Through Programs From		145,719
National Endowment for the Humanities Total		170,797
The Library of Congress		
Direct Programs		
42.002-SPO 44664	The Library of Congress	180,601
Direct Programs Total		180,601
The Library of Congress Total		180,601
Americorps		
Pass-Through Programs From		
94.006-890200	Americorps_Jumpstart	69,836
Pass-Through Programs From Total		69,836
Americorps Total		69,836
US Civilian Research & Development Foundation		
Direct Programs		
47.079-RUP2-2961-MO-09	US Civilian Research & Development Foundation	2,690
Direct Programs Total		2,690
US Civilian Research & Development Foundation Total		2,690
Other Federal Agencies Total		2,030,347
OTHER FEDERAL AWARDS Total		9,880,730
Total Federal Expenditures		\$ 652,511,005

#### 1. Summary of Significant Accounting Policies

#### **Basis of Presentation**

The accompanying Summary Schedule of Expenditures of Federal Awards and Schedule of Expenditures of Federal Awards (the "Schedules") have been prepared in accordance with OMB Circular A-133, *Audit of States, Local Governments and Non-Profit Organizations.* Therefore, amounts presented in these Schedules may differ from amounts presented in, or used in the preparation of, the University financial statements, as they relate to the various federal loan programs, as well as other awards. The purpose of the Schedules is to present a summary of those activities of Stanford University (the "University") for the year ended August 31, 2012 that have been financed by the U.S. Government ("federal awards").

Consistent with the provisions of OMB Circular A-133, the Schedules do not include expenditures of the SLAC National Accelerator Laboratory that were funded by Department of Energy ("DOE") contract. The SLAC National Accelerator Laboratory, a national laboratory operated and managed by the University under contract directly with DOE, represents a government-owned, contractor operated (GOCO) facility. GOCOs are excluded from the provisions of the OMB Circular A-133 (paragraph 105).

The accompanying Schedules have been prepared on the accrual basis of accounting, which is consistent with the University's financial statements. Catalog of Federal Domestic Assistance ("CFDA") and pass-through numbers are provided when available. Negative amounts presented as expenditures represent subsequent period adjustments, transfers or vendor credits.

#### 2. Loan Programs

The following schedule represents student loan assistance outstanding and advanced by the University for the year ended August 31, 2012, in addition to student financial aid recorded on the accompanying Schedules.

Department of Education:	<u>CFDA</u> Number	_	2012 New ans Issued		Outstanding Balance for Year Ended Igust 31, 2012
Federal Perkins Loan Program	84.038	\$	9,348,781	\$	57,488,515
Federal Direct Student Loan Program	04.030	Φ	9,340,701	φ	57,400,515
Subsidized Stafford Loans	84.268	\$	13,270,102		N/A
Unsubsidized Stafford Loans	84.268	\$	17,086,727		N/A
PLUS Loans – Graduate and Parent	84.268	\$	19,241,135		N/A
Department of Health and Human Services					
Health Professions Student Loans	93.342	\$	-	\$	59,370
Loans for Disadvantaged Students*	93.342	\$	45,051	\$	139,078

The Perkins Loan Program Administrative Cost Allowance totaled \$464,596 for the FISAP year 2011-2012.

The Perkins Loan Principal cancelled amount totaled \$503,054 for the FISAP year 2011-2012.

## 3. Subrecipients

Included in the federal expenditures presented in the Schedules, the University provided federal awards to subrecipients as follows:

Program Title/Federal Agency	CFDA Number	Amount Provided to Subrecipients	
Research and Development Cluster			
Department of Defense (DOD)	12	\$ 14,840,965	
Department of Education	84	329,360	
Department of Commerce	11	9,693	
Department of Energy (DOE)	81	1,710,731	
National Aeronautics and Space Administration (NASA)	43	3,672,274	
Department of Health and Human Services (DHHS)	93	29,775,017	
National Science Foundation (NSF)	47	4,867,863	
Department of Homeland Security	97	138,940	
Subtotal Research and Development Cluster		55,344,843	
Other Federal Programs			
Department of Education	84	46,606	
Department of State	19	213,631	
National Endowment for Humanities	45	13,786	
Other Federal Programs		274,022	
Total		\$ 55,618,865	



# Report of Independent Auditors 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*

To the Board of Trustees of Stanford University

We have audited the consolidated financial statements of Stanford University (the "University") as of and for the year ended August 31, 2012, and have issued our report thereon dated December 12, 2012. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

## Internal Control Over Financial Reporting

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

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

## **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the University's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The



results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

We noted certain matters that we reported to management of the University in a separate letter dated January 25, 2013.

#### **Purpose of this Report**

This report is intended solely for the information and use of the University's Board of Trustees, its audit committee, management, federal awarding agencies and pass-through entities, and is not intended to be and should not be used by anyone other than these specified parties.

Vicandohur Coopus HB

December 12, 2012



# Report of Independent Auditors on Compliance with Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance with OMB Circular A-133

To the Board of Trustees of Stanford University

#### Compliance

We have audited the compliance of Stanford University (the "University") with the types of compliance requirements described in the OMB *Circular A-133 Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended August 31, 2012, except as described in the second and fourth paragraphs of this report. The University's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to each of its major federal programs is the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

The University's consolidated financial statements include the operations of SLAC National Accelerator Laboratory ("SLAC"), which incurred \$373,460,892 in federal award expenditures which are not included in the University's Schedules of Expenditures of Federal Awards, for the year ended August 31, 2012. Our audit, described below, did not include the operations of SLAC because it is a government- owned contractor operated facility ("GOCO") and accordingly, is excluded from the requirements of OMB Circular A-133 and the scope of this audit.

We did not audit the University's compliance with the student loan billing and due diligence in collection compliance requirements specified by the Federal Perkins Loan Program and described in the OMB *Circular A-133 Compliance Supplement*. Compliance with these requirements was audited by other auditors whose report thereon has been furnished to us, and our opinion expressed herein, insofar as it relates to the University's compliance with those requirements, is based solely on the report of the other auditors. Additionally, we did not audit the University's compliance with the requirements governing the electronic reporting process over student status confirmation reports specified by the Federal Direct Student Loan Program and described in the OMB *Circular A-133 Compliance Supplement*. Compliance with these requirements was audited by other auditors whose report thereon has been furnished to us, and our opinion expressed herein, insofar as it relates to the University's compliance of the other auditors.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether

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noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the University's compliance with those requirements.

In our opinion, the University complied, in all material respects, with the requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended August 31, 2012. However, the results of our auditing procedures disclosed instances of noncompliance with those requirements, which are required to be reported in accordance with OMB Circular A-133 and which are described in the accompanying schedule of findings and questioned costs as items 2012 – 01 and 2012 - 02.

#### Internal Control Over Compliance

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, except as noted in the following paragraph, we considered the University's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

We did not consider internal control over compliance with the billing and collection compliance requirements specified by the Federal Perkins Loan Program and described in the OMB Circular A-133 *Compliance Supplement*. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the University's internal control over those compliance requirements, is based solely upon the report of the other auditors. Additionally, we did not consider internal control over compliance with the requirements governing the electronic reporting process over student status confirmation reports specified by the Federal Direct Student Loan Program and described in the OMB Circular A-133 *Compliance Supplement*. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the University's internal control over these compliance supplement. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the University's internal control over those compliance requirements, is based solely upon the report of the other auditors.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that



there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

Our consideration and the other auditors' consideration of the internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be deficiencies, significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. Also, the reports of the other auditors' did not identify any deficiencies that they consider to be material weaknesses, as defined above.

The University's responses to the findings identified in our audit are described in the accompanying "Management's Views and Corrective Action Plan." We did not audit the University's responses and, accordingly, we express no opinion on the responses.

This report is intended solely for the information and use of the University's Board of Trustees, its audit committee, management, federal awarding agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

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May 24, 2013

## Part I - Summary of Auditors' Results

Financial Statements Type of auditor's report issued	Unqualified
Internal control over financial reporting:	
Material weakness(es) identified?	No
Significant deficiency(ies) identified that are not considered to be material weakness(es)?	None Reported

Non-compliance which is material to the financial statemer	nts? No
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#### **Federal Awards**

Type of auditor's report issued on compliance for major programs
Internal control over financial reporting:
Material weakness(es) identified?No
Significant deficiency(ies) identified that are not considered to be material weakness(es)?

# Programs Subjected to Audit Procedures as Major Programs

CFDA Numbers	Federal Program or Cluster
Various	Research and Development Cluster
Various	Student Financial Aid Cluster

Dollar threshold for Type A program	\$3,000,000
Auditee qualifies as a low-risk auditee	Yes

## Part II - Financial Statement Findings

No matters reported.

#### Part III – Federal Award Findings and Questioned Costs

#### Finding 2012 - 01 - Davis-Bacon Act

Research and Development Cluster; Construction Award

National Science Foundation, Contract OIA-0963061, CFDA #47.082, Award year 2012, Fund #QACAP

#### Citation

ARRA Section 1606 DOL Regulation 29 CFR Sections 1, 3 and 5.5(a)

#### **Questioned Costs**

None noted.

#### Criteria

Stanford University is required to ensure its contractors are in compliance with the Davis-Bacon and Related Act. Per OMB A-133 Compliance Supplement (Section 3-D): "Non-federal entities shall include in their construction contracts subject to the Davis-Bacon Act a requirement that the contractor or subcontractor comply with the requirements of the Davis-Bacon Act and the DOL regulations (29 CFR part 5, Labor Standards Provisions Applicable to Contacts Governing Federally Financed and Assisted Construction). This includes a requirement for the contractor or subcontractor to submit to the non-Federal entity weekly, for each week in which any contract work is performed, a copy of the payroll and a statement of compliance (certified payrolls) (29 CFR sections 5.5 and 5.6). This reporting is often done using Optional Form WH-347, which includes the required statement of compliance (OMB No. 1215-0149)."

In testing the compliance requirement, we noted that Stanford University has established a monthly control, as opposed to the weekly requirement, to evidence receipt and review of the invoices and associated certified weekly payrolls and compliance statements.

#### Condition

Stanford University has only one construction project subject to the compliance requirements of the Davis-Bacon and Related Act. In testing this compliance requirement, the engagement team obtained the construction contract between Stanford University and the contractor. Per a review of the invoice detail, we selected eight weeks in which contract work was performed and requested the weekly certified payrolls and statement of compliance letters obtained by Stanford. The following conditions were identified:

- (1) A contract clause documenting the contractor's requirement to comply with the Davis-Bacon Act and DOL regulations, including prevailing wage rate requirements, was not included in the construction contract between Stanford University and the contractor. The construction contract did include a clause stating the project was partially funded with federal funds and the contractor is subject to additional federal requirements, flow-down provisions and reporting procedures.
- (2) The certified payrolls and statement of compliance letters were obtained by Stanford on a monthly basis versus a weekly basis. As such, the forms were not received in a timely manner in accordance with the Davis-Bacon and Related Act.
- (3) For one month selected for control testing, we were unable to verify that the contractor obtained the certified payroll from two subcontractors for labor and mechanics hours spent on the project during the month. Therefore, we were unable to evidence the receipt and review of these forms in accordance with the performance of the control.

# Stanford University Schedule of Findings and Questioned Costs *(continued)* Year Ended August 31, 2012

#### Cause

Employees responsible for ensuring compliance with the Davis-Bacon Act did not include the Davis-Bacon clauses in the construction contract, required monthly instead of weekly receipt of payroll certifications from the contractor and did not ensure that one month of payroll certifications was obtained and reviewed.

#### Effect

The University is not fully compliant with the requirements of Davis-Bacon and Related Act and key control requirements.

#### Recommendation

We recommend the University enhance its Davis-Bacon control procedures and compliance policy as well as conduct additional training to ensure all employees responsible for following established policy are aware of the requirements.

#### Management's Views and Corrective Action Plan

See management's view and corrective action plan included at the end of this report.

#### Part III – Federal Award Findings and Questioned Costs, Continued

#### Finding 2012 - 02 – Termination Notice Late Reporting

Research and Development Cluster

National Institutes of Health (NIH), *Molecular Mechanisms of Ubiquitin-Dependent ER-Associated Degradation*, Grant 5F32GM086026-03, CFDA #93.859, Award year 2008, Fund #PAFRO; Termination Notice - 103 days late

National Institutes of Health (NIH), *Enantioselective Total Synthesis of Citrinadin A*, Grant 5F32CA137999-03, CFDA #93.398, Award year 2009, Fund #PAFWX; Termination Notice - 74 days late

National Institutes of Health (NIH), *The Representation of Surface Appearance in Visual Cortex,* Grant 1F32EY019224-01, CFDA #93.867, Award year 2008, Fund #PARSA; Termination Notice - 60 days late

#### Citation

NIH Grants Policy Statement, Part II, Subpart B, 11.2.11.3 OMB Circular A-110 Section .51

#### **Questioned Costs**

None noted.

#### Criteria

Recipients report on the final performance and special aspects of projects. The reporting and filing requirements are prescribed by OMB and awarding agencies guidelines. The reports are required to be submitted to the sponsoring agency within the prescribed deadlines.

#### Condition

To test compliance reporting requirements, we selected a sample of 71 sponsored awards. Of the total selected, we found three instances where termination notices required by NIH reports were submitted past the 30-day reporting requirement. The number of days late is provided above.

#### Cause

Termination notices are to be initiated by the individual fellow or the faculty mentor once a termination date is determined or the fellow terminates her/his appointment early. The fellow, faculty mentor or the departmental administrator failed to initiate the termination notice timely.

#### Effect

Late filing of reports hinders the Federal Award close-out process.

#### Recommendation

We recommend that management continue to monitor and improve oversight of the filing requirement process.

#### Management's Views and Corrective Action Plan

See management's view and corrective action plan included at the end of this report.

# **Stanford University** Summary Schedule of Prior Year Audit Findings Year Ended August 31, 2012

## **Prior Year Findings**

There are no findings from prior year which require an update in this report.

# STANFORD UNIVERSITY



May 24, 2013

Ladies and Gentlemen,

As required by OMB Circular A-133, we have provided below our corrective action plan addressing the findings in the "Reports on Financial Statements and Federal Award Programs in Accordance with OMB Circular A-133 August 31, 2012".

# **Corrective Action Plan**

<u>Ref No.</u> 2012-01

#### Davis- Bacon Act

Stanford agrees with the finding and recommendation.

Federal awards accepted by Stanford University funding construction projects subject to the Davis-Bacon Act are exceptions to the regular business of the Institution. The University will review and enhance its business process to improve compliance with the Act. This includes procedures and employee training addressing the inclusion of all appropriate clauses relating to the Davis-Bacon Act in construction contracts where required, ensuring all payrolls and certifications are submitted timely including evidence of timely receipt, and ensuring all payrolls and certifications are timely reviewed.

2012-02

#### Late Reporting

Stanford agrees with the finding and recommendation. The Office of Sponsored Research (OSR) is responsible for the timely filing of financial reports, final invoices and other required financial reporting and forms as defined in the individual terms and conditions of each sponsored award. OSR centralized all NIH Training Grant and Fellowship reporting in a two person team within its organization to improve administration and reporting of these awards. OSR reassigned all NIH Training Grants and Fellowships to this group in calendar year 2013. This group will continue working with departments and schools to improve the timely filing of NIH termination notices. For instance OSR began to regularly attend meetings of the Training Grant Working Group of Departmental Finance Administrators within the School of Medicine to share knowledge and improve the reporting of NIH training grants, fellowships and improve the timely filing of NIH termination notices. I will be responsible for ensuring that appropriate adjustments have been made to the applicable projects. If you have any questions, please contact me at (650) 723-9102 or at jessech@stanford.edu.

Sincerely,

Char 150 June

Jesse Charlton Associate Director, Research Administration Policy and Compliance

cc:

Kenneth P. Schulz, Stanford University G. Russell Brewer, Stanford University M. Suzanne Calandra, Stanford University Linda Shipp, Office of Naval Research Rick Moyer, Stanford University Michael MacBryde, PricewaterhouseCoopers, LLP Susan G. Schmitt, Stanford University