



NSF		N	CSES	National Cente	r for Scienc	e and Engine	ering Statisti			
U.S. 2011 R&D Expenditures										
	Source of funds (\$millions)									
Performing sector	Total	Business	Federal gov.	Universities & colleges	Nonfed gov.	Other nonprofits	(% distri- bution)			
R&D	428,626	267,306	129,256	12,965	3,993	15,106	100.0			
Business	294,093	262,784	31,309	*	*	*	68.7			
Federal government	53,493	*	53,493	*	*	*	12.5			
Federal intramural	35,775	*	35,775	*	*	*	8.4			
FFRDCs	17,718	*	17,718	*	*	*	4.1			
FFRDCs, industry administered	6,956	*	6,956	*	*	*	1.6			
FFRDCs, U&C administered	5,246	*	5,246	*	*	*	1.2			
FFRDCs, nonprofit administered	5,516	*	5,516	*	*	*	1.3			
Nonfederal government	462	*	187	*	275	*	0.1			
Universities and colleges	62,457	3,189	37,714	12,965	3,718	4,872	14.6			
Other nonprofit organizations	18,120	1,333	6,553	*	*	10,234	4.2			
% distribution by source	100.0	62.4	30.1	3.0	0.9	3.5				

NCSES National Center for Science and Engineering S					
Main Data Sources for National R&D Totals					
Performer/Funding Source	NCSES Survey				
Business sector	<ul> <li>Business R&amp;D and Innovation Survey (annual, 2008 forward)</li> <li>Survey of Industrial R&amp;D (annual, 2007 and earlier)</li> </ul>				
Federal government	<ul> <li>Survey of Federal Funds for R&amp;D (annual)</li> <li>Federal Science &amp; Engineering Support Survey (FSS) (R&amp;D obligations to individually identified nonprofit organizations)</li> </ul>				
FFRDCs	- FFRDC Research and Development Survey (annual since FY 2001; in earlier years, part of other surveys)				
Universities and colleges	<ul> <li>Higher Education R&amp;D Survey (annual, FY 2010 forward)</li> <li>Survey of R&amp;D Expenditures at Universities and Colleges (annual, FY 2009 and earlier)</li> </ul>				
State agencies	- Survey of State Agency R&D Expenditures (2006, 2007, 2009)				
Nonprofit organizations	<ul> <li>Survey of R&amp;D Funding and Performance by Nonprofit Organizations (most recent is for 1996 and 1997)</li> <li>Survey of Federal Funds for R&amp;D (data on nonprofit organizations R&amp;D funded by federal government; annual)</li> </ul>				

Year	Total ONP R&D (billions of \$)	a) ONP R&D w/federal funding	b) ONP R&D w/business funding	c) ONP R&D w/ONP funding
1997	\$6.62	\$3.01	\$0.81	\$2.80
2000	9.73	4.51	1.02	4.20
2005	14.45	6.55	1.11	6.80
2010	18.40	7.09	1.27	10.04
2011	18.12	6.56	1.33	10.23
	Sum of a), b), c) to right	From Federal Funds survey	Estimated *	Estimated *



