

TABLE 33. Higher education R&D expenditures, by geographic division and state: FY 2006–11
(Dollars in thousands)

Division and state	2006	2007	2008	2009	2010	2011
United States	49,645,341	51,590,356	54,113,919	57,288,474	61,190,610	65,073,411
New England	3,788,706	3,827,520	3,995,165	4,249,189	4,648,886	4,991,478
Connecticut	709,879	712,775	754,792	777,963	888,949	945,705
Maine	122,144	142,789	151,762	156,851	137,516	140,046
Massachusetts	2,240,760	2,286,853	2,396,215	2,605,290	2,749,926	2,949,264
New Hampshire	322,281	313,309	310,721	309,144	310,965	359,839
Rhode Island	269,061	254,121	263,423	274,425	428,738	459,321
Vermont	124,581	117,673	118,252	125,516	132,792	137,303
Middle Atlantic	7,296,969	7,480,088	7,679,388	8,053,509	9,155,303	9,753,293
New Jersey	894,242	903,970	909,969	952,710	1,075,872	1,141,570
New York	3,912,982	4,074,240	4,083,370	4,303,252	4,951,011	5,298,971
Pennsylvania	2,489,745	2,501,878	2,686,049	2,797,547	3,128,420	3,312,752
East North Central	7,202,634	7,533,989	7,907,000	8,442,197	8,829,792	9,454,891
Illinois	1,923,148	1,970,628	2,078,089	2,229,062	2,224,414	2,352,936
Indiana	907,994	992,586	1,062,868	1,121,868	1,186,421	1,270,472
Michigan	1,561,189	1,603,566	1,691,493	1,863,341	2,031,479	2,160,396
Ohio	1,684,329	1,814,571	1,881,426	1,948,462	2,051,857	2,226,809
Wisconsin	1,125,974	1,152,638	1,193,124	1,279,464	1,335,621	1,444,278
West North Central	3,132,491	3,269,642	3,339,847	3,560,239	3,811,761	4,030,442
Iowa	589,725	604,836	540,023	572,589	706,667	724,608
Kansas	382,485	402,368	432,378	467,821	482,901	525,645
Minnesota	626,377	659,452	724,319	787,190	831,754	898,741
Missouri	925,821	970,240	976,250	1,023,460	1,087,432	1,121,330
Nebraska	372,538	379,214	392,446	411,458	367,793	412,756
North Dakota	161,049	170,859	181,736	186,956	204,049	211,057
South Dakota	74,496	82,673	92,695	110,765	131,165	136,305
South Atlantic	9,459,321	10,001,427	10,637,996	11,223,167	11,919,662	12,626,618
Delaware	124,624	128,160	135,355	136,712	168,511	188,765
District of Columbia	328,913	375,849	410,798	353,613	470,217	493,469
Florida	1,663,216	1,767,837	1,821,138	1,900,270	1,994,860	2,125,648
Georgia	1,347,317	1,446,604	1,586,486	1,621,789	1,627,067	1,717,010
Maryland	2,560,392	2,574,067	2,775,603	3,046,289	3,139,254	3,416,585
North Carolina	1,734,153	1,917,917	2,012,492	2,199,367	2,465,260	2,567,118
South Carolina	535,147	581,846	589,863	626,918	660,415	622,702
Virginia	1,011,655	1,036,170	1,122,656	1,151,996	1,199,244	1,284,422
West Virginia	153,904	172,977	183,605	186,213	194,834	210,899
East South Central	2,279,602	2,430,050	2,518,441	2,640,575	2,804,211	2,984,066
Alabama	609,011	663,704	724,434	775,495	847,072	900,662
Kentucky	509,947	539,199	535,357	549,484	575,277	596,081
Mississippi	388,585	427,380	425,439	435,382	443,625	470,361
Tennessee	772,059	799,767	833,211	880,214	938,237	1,016,962
West South Central	4,507,963	4,727,808	5,172,988	5,451,187	5,798,428	6,062,133
Arkansas	247,598	253,043	259,484	253,069	267,699	282,628
Louisiana	578,846	631,793	696,448	710,810	713,675	729,226
Oklahoma	307,486	311,467	347,400	354,187	400,731	388,762
Texas	3,374,033	3,531,505	3,869,656	4,133,121	4,416,323	4,661,517
Mountain	3,065,574	3,121,931	3,248,051	3,545,719	3,673,609	3,881,890
Arizona	777,374	798,534	846,889	904,518	944,795	997,700
Colorado	846,245	899,200	954,653	1,098,369	1,179,771	1,291,054
Idaho	114,400	115,779	115,708	122,952	126,433	142,364
Montana	183,924	189,230	198,408	196,351	207,827	195,267

TABLE 33. Higher education R&D expenditures, by geographic division and state: FY 2006–11
(Dollars in thousands)

Division and state	2006	2007	2008	2009	2010	2011
Nevada	197,772	197,292	196,206	187,293	174,247	165,437
New Mexico	433,485	420,572	427,599	446,632	422,868	405,339
Utah	422,667	421,283	431,877	509,920	562,349	627,180
Wyoming	89,707	80,041	76,711	79,684	55,319	57,549
Pacific	8,780,614	9,062,802	9,477,925	9,980,431	10,385,930	11,097,127
Alaska	171,769	171,304	165,419	173,275	180,888	195,658
California	6,692,497	6,948,312	7,258,240	7,654,681	7,832,767	8,227,362
Hawaii	269,258	283,121	286,335	310,909	317,942	363,887
Oregon	613,188	636,260	662,924	707,287	696,272	739,733
Washington	1,033,902	1,023,805	1,105,007	1,134,279	1,358,061	1,570,487
Outlying areas ^a	131,467	135,099	137,118	142,261	163,028	191,473

^a Outlying areas include Guam, Puerto Rico, and the Virgin Islands.

NOTE: From FY 2006 through FY 2009, some institution totals for all R&D expenditures may be lower-bound estimates because National Science Foundation did not attempt to estimate for nonresponse on non-science and engineering R&D expenditures item.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.