

**Table B-30. R&D expenditures at doctorate-granting institutions, by geographic division, State, and science and engineering field: fiscal year 2000**

[Dollars in thousands]

Division and State	Total	Engineering	Physical sciences	Environmental sciences	Math & computer sciences	Life sciences	Psychology	Social sciences	Other sciences
<b>Total</b>	<b>29,596,635</b>	<b>4,475,944</b>	<b>2,629,914</b>	<b>1,718,179</b>	<b>1,176,028</b>	<b>17,331,692</b>	<b>501,039</b>	<b>1,264,418</b>	<b>499,421</b>
<b>New England</b>	<b>2,332,485</b>	<b>320,703</b>	<b>246,893</b>	<b>214,654</b>	<b>102,734</b>	<b>1,229,280</b>	<b>47,042</b>	<b>107,238</b>	<b>63,941</b>
Connecticut	464,524	35,589	28,307	10,966	6,006	357,159	13,135	11,042	2,320
Maine	54,821	7,326	9,028	15,214	1,062	18,431	465	3,041	254
Massachusetts	1,469,070	241,640	193,619	122,310	79,030	674,391	22,522	82,381	53,177
New Hampshire	150,982	21,153	5,165	37,169	2,976	73,359	4,400	5,448	1,312
Rhode Island	129,697	13,716	9,667	28,582	12,268	49,873	5,582	5,120	4,889
Vermont	63,391	1,279	1,107	413	1,392	56,067	938	206	1,989
<b>Middle Atlantic</b>	<b>4,344,524</b>	<b>608,963</b>	<b>343,820</b>	<b>151,244</b>	<b>189,270</b>	<b>2,709,146</b>	<b>94,483</b>	<b>182,516</b>	<b>65,082</b>
New Jersey	566,022	100,991	54,218	36,824	25,768	264,168	13,025	41,814	29,214
New York	2,240,471	243,281	189,304	87,326	78,166	1,519,235	50,798	61,291	11,070
Pennsylvania	1,538,031	264,691	100,298	27,094	85,336	925,743	30,660	79,411	24,798
<b>East North Central</b>	<b>4,214,128</b>	<b>722,257</b>	<b>381,546</b>	<b>101,439</b>	<b>164,371</b>	<b>2,427,118</b>	<b>89,399</b>	<b>266,843</b>	<b>61,155</b>
Illinois	1,157,321	168,807	121,114	38,069	79,437	650,299	24,453	51,028	24,114
Indiana	503,422	83,632	65,287	7,915	18,148	245,612	13,492	51,781	17,555
Michigan	986,941	190,441	76,174	12,488	21,984	580,480	15,983	83,954	5,437
Ohio	913,839	201,890	67,217	11,291	31,032	534,086	11,507	42,959	13,857
Wisconsin	652,605	77,487	51,754	31,676	13,770	416,641	23,964	37,121	192
<b>West North Central</b>	<b>1,996,661</b>	<b>237,183</b>	<b>110,873</b>	<b>56,082</b>	<b>49,734</b>	<b>1,395,537</b>	<b>26,185</b>	<b>87,332</b>	<b>33,735</b>
Iowa	416,295	69,970	25,273	6,150	11,476	265,422	3,823	24,238	9,943
Kansas	256,673	41,146	19,475	11,752	6,005	155,998	3,033	9,071	10,193
Minnesota	411,380	41,343	24,475	12,762	12,090	297,925	8,218	14,567	0
Missouri	609,304	48,914	23,532	7,205	12,896	485,685	8,349	20,556	2,167
Nebraska	208,334	23,727	11,771	12,810	6,070	131,522	2,189	12,095	8,150
North Dakota	67,406	9,103	4,813	1,777	1,175	42,341	475	5,227	2,495
South Dakota	27,269	2,980	1,534	3,626	22	16,644	98	1,578	787
<b>South Atlantic</b>	<b>5,515,978</b>	<b>1,013,583</b>	<b>447,007</b>	<b>344,221</b>	<b>272,393</b>	<b>3,027,195</b>	<b>83,437</b>	<b>265,776</b>	<b>62,366</b>
Delaware	74,711	23,730	11,038	9,960	3,113	20,227	1,725	4,918	0
District of Columbia	241,339	11,825	18,541	336	19,340	159,832	2,040	19,115	10,310
Florida	842,398	117,113	89,341	88,031	20,146	453,509	28,280	39,400	6,578
Georgia	913,704	225,622	53,870	37,948	51,193	458,297	20,554	54,480	11,740
Maryland	1,495,132	337,715	155,639	88,770	116,716	700,899	7,609	68,176	19,608
North Carolina	1,014,712	100,039	53,231	35,455	30,181	737,143	8,655	45,315	4,693
South Carolina	284,544	58,469	19,917	16,962	14,224	152,100	4,143	14,058	4,671
Virginia	576,945	118,382	40,758	61,066	15,276	310,567	10,156	20,213	527
West Virginia	72,493	20,688	4,672	5,693	2,204	34,621	275	101	4,239
<b>East South Central</b>	<b>1,289,819</b>	<b>203,965</b>	<b>80,900</b>	<b>35,760</b>	<b>33,114</b>	<b>844,852</b>	<b>24,874</b>	<b>33,393</b>	<b>32,961</b>
Alabama	417,297	66,355	19,724	8,987	12,920	287,663	8,234	5,044	8,370
Kentucky	266,916	36,313	10,774	757	3,906	195,844	3,006	5,898	10,418
Mississippi	207,163	42,225	23,241	11,750	6,062	105,481	1,360	6,097	10,947
Tennessee	398,443	59,072	27,161	14,266	10,226	255,864	12,274	16,354	3,226
<b>West South Central</b>	<b>2,764,050</b>	<b>395,565</b>	<b>179,044</b>	<b>200,658</b>	<b>91,581</b>	<b>1,768,617</b>	<b>29,902</b>	<b>71,578</b>	<b>27,105</b>
Arkansas	124,494	13,154	5,952	2,532	608	99,031	315	2,845	57
Louisiana	386,072	55,410	22,070	33,926	8,578	238,368	1,233	14,216	12,271
Oklahoma	249,357	37,779	23,512	32,151	5,519	114,414	14,471	17,765	3,746
Texas	2,004,127	289,222	127,510	132,049	76,876	1,316,804	13,883	36,752	11,031

See explanatory information and SOURCE at end of table.

**Table B-30. R&D expenditures at doctorate-granting institutions, by geographic division, State, and science and engineering field: fiscal year 2000**

[Dollars in thousands]

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Division and State	Total	Engineering	Physical sciences	Environmental sciences	Math & computer sciences	Life sciences	Psychology	Social sciences	Other sciences
Mountain .....	1,862,854	339,714	263,376	176,286	55,401	845,565	30,242	63,152	89,118
Arizona .....	465,777	85,669	103,643	22,943	12,673	203,541	5,593	26,616	5,099
Colorado .....	537,113	61,920	89,740	78,160	11,614	260,405	12,428	11,006	11,840
Idaho .....	70,246	10,189	3,492	5,357	1,095	45,793	836	2,402	1,082
Montana .....	94,914	9,369	11,950	905	2,241	60,001	185	5,307	4,956
Nevada .....	106,340	7,330	10,582	36,585	1,454	29,262	1,164	3,170	16,793
New Mexico .....	237,311	87,647	17,725	11,428	7,794	65,753	6,340	7,296	33,328
Utah .....	308,059	72,618	23,080	12,940	17,962	163,298	3,391	6,258	8,512
Wyoming .....	43,094	4,972	3,164	7,968	568	17,512	305	1,097	7,508
Pacific .....	5,201,607	626,307	572,386	432,471	216,858	3,032,221	74,103	184,508	62,753
Alaska .....	102,500	6,681	37,044	21,644	12,899	19,887	0	4,345	0
California .....	3,959,884	534,555	459,777	252,557	178,401	2,277,688	56,212	145,294	55,400
Hawaii .....	161,300	8,734	26,699	51,453	434	63,662	457	3,611	6,250
Oregon .....	343,785	20,668	16,863	40,809	15,450	227,931	7,724	13,779	561
Washington .....	634,138	55,669	32,003	66,008	9,674	443,053	9,710	17,479	542
Outlying Areas .....	74,529	7,704	4,069	5,364	572	52,161	1,372	2,082	1,205

**NOTE:** Because of rounding, detail may not add to totals.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000