

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
	All institutions	3,167,464	480,814	1,141,857	1,049,379	495,414	2,188,313	384,761	798,560	705,174	299,818
1	U. WA, Seattle	179,584	25,270	6,971	78,990	68,353	164,401	23,817	6,727	68,139	65,718
2	Woods Hole Oceanographic Institution	149,491	0	0	149,491	0	125,429	0	0	125,429	0
3	U. CA, San Diego	139,142	15,431	31,949	91,755	7	88,516	8,212	14,549	65,755	0
4	TX A&M U., College Station	131,467	5,531	5,510	105,296	15,130	82,804	4,196	3,488	71,113	4,007
5	CO State U., Ft. Collins	126,631	37,895	88,736	0	0	103,256	32,737	70,519	0	0
6	U. CO, Boulder	94,557	32,619	51,268	244	10,426	90,430	31,743	49,714	244	8,729
7	U. HI, Manoa	86,166	1,380	17,056	63,152	4,578	61,896	1,162	13,816	46,226	692
8	Columbia U. in the City of New York	80,567	18,428	62,139	0	0	71,927	13,193	58,734	0	0
9	U. TX, Austin	70,809	0	59,241	9,294	2,274	26,691	0	21,706	3,450	1,535
10	U. NH	68,712	40,664	10,590	17,458	0	62,223	40,054	8,361	13,808	0
11	U. AK, Fairbanks	60,591	10,802	27,389	18,205	4,195	46,505	7,653	24,420	10,806	3,626
12	U. Miami	57,387	40,536	0	12,651	4,200	48,838	34,622	0	10,693	3,523
13	PA State U., University Park and Hershey Medical Ctr.	56,439	22,420	26,855	7,164	0	32,156	12,764	14,578	4,814	0
14	U. MD, Ctr. for Environmental Science	50,007	0	4,801	45,206	0	18,007	0	1,353	16,654	0
15	OR State U.	48,673	3,703	5,646	17,161	22,163	38,368	3,267	4,704	11,753	18,644
16	U. WI, Madison	48,645	30,539	7,698	3,197	7,211	36,912	27,103	4,982	439	4,388
17	Johns Hopkins U. ^a	44,843	9,062 i	2,665 i	12,806 i	20,310 i	41,651	8,006 i	2,409 i	12,806 i	18,430 i
18	MA Institute of Technology	39,735	9,833	12,443	7,364	10,095	34,146	8,819	9,736	7,306	8,285
19	U. OK	37,759	27,820	9,939	0	0	18,263	16,885	1,378	0	0
20	U. RI	37,742	122	5,401	31,466	753	30,308	104	3,872	25,669	663
21	Desert Research Institute	34,478	11,453	22,914	0	111	27,709	8,511	19,198	0	0
22	LA State U., Baton Rouge	31,805	0	3,893	21,825	6,087	9,950	0	998	6,913	2,039
23	U. MD, Baltimore County	31,662	0	31,662	0	0	28,305	0	28,305	0	0
24	C. of William and Mary and VA Institute of Marine Science	30,071	0	595	29,435	41	11,299	0	343	10,956	0
25	U. AZ	29,602	3,655	18,974	0	6,973	14,239	2,442	9,622	0	2,175
26	SUNY, Stony Brook U.	29,096	599	6,784	21,662	51	13,611	0	5,607	8,004	0
27	U. CA, Davis	27,710	2,084	4,180	3,639	17,807	8,078	1,268	2,885	1,240	2,685
28	U. NC, Chapel Hill	27,505	0	17,037	7,587	2,881	16,137	0	9,563	3,858	2,716
29	Rutgers, State U. NJ, New Brunswick	26,594	2,335	813	13,250	10,196	15,674	1,882	500	10,163	3,129
30	Stanford U.	26,141	0	9,676	4,301	12,164	9,548	0	7,854	1,195	499
31	U. CA, Santa Barbara	25,769	0	10,254	14,964	551	13,320	0	6,712	6,608	0
32	Princeton U.	25,586	7,254	6,980	0	11,352	14,742	5,960	4,166	0	4,616
33	U. MD, College Park	24,608	3,373	21,235	0	0	21,458	2,902	18,556	0	0
34	AZ State U.	24,428	0	24,428	0	0	20,531	0	20,531	0	0
35	U. DE	22,443	0	2,035	17,742	2,666	15,500	0	1,150	12,559	1,791
36	FL State U.	21,435	9,128	3,054	7,680	1,573	13,783	7,472	1,298	4,715	298
37	U. KS	21,435	320	20,297	759	59	10,708	278	10,332	98	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011
(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
38	U. South FL, Tampa	21,120	0	2,440	18,680	0	11,133	0	1,745	9,388	0
39	Duke U.	20,948	0	3,781	6,962	10,205	10,580	0	3,121	2,076	5,383
40	U. CA, Santa Cruz	20,910	0	4,938	13,554	2,418	12,083	0	3,422	6,764	1,897
41	Harvard U.	20,473	187	4,830	0	15,456	18,078	187	3,593	0	14,298
42	U. ME	20,002	0	4,769	13,241	1,992	12,296	0	2,972	9,322	2
43	U. WY	19,131	4,467	4,758	0	9,906	16,656	4,086	3,989	0	8,581
44	Cornell U.	18,474	0	8,311	115	10,048	9,610	0	5,855	82	3,673
45	U. Southern CA	18,363	177	14,418	3,323	445	14,025	177	10,939	2,649	260
46	U. CA, Los Angeles	17,239	5,487	8,769	0	2,983	11,071	3,890	5,903	0	1,278
47	U. MI, Ann Arbor	16,347	0	16,347	0	0	11,015	0	11,015	0	0
48	U. MN, Duluth	15,520	0	353	3,652	11,515	4,608	0	194	2,097	2,317
49	U. Southern MS	15,497	0	2,055	13,442	0	13,093	0	1,996	11,097	0
50	CA Institute of Technology	15,167	0	15,167	0	0	13,810	0	13,810	0	0
51	NC State U.	15,004	3,850	0	2,774	8,380	8,557	3,381	0	778	4,398
52	GA Institute of Technology	14,886	10,328	424	0	4,134	9,874	6,948	242	0	2,684
53	Naval Postgraduate School	14,474	5,038	0	9,436	0	14,105	4,769	0	9,336	0
54	U. CA, Berkeley	13,338	153	13,185	0	0	9,471	0	9,471	0	0
55	U. MN, Twin Cities	13,314	0	11,374	0	1,940	6,506	0	6,084	0	422
56	TX Tech U.	13,301	438	2,929	0	9,934	4,702	0	574	0	4,128
57	U. NV, Las Vegas	13,069	187	11,102	0	1,780	10,906	0	9,354	0	1,552
58	MI Technological U.	12,661	0	1,572	0	11,089	8,187	0	875	0	7,312
59	U. ND	12,365	6,980	4,839	0	546	9,885	4,984	4,591	0	310
60	U. GA	12,200	0	1,976	10,224	0	6,399	0	567	5,832	0
61	U. NV, Reno	12,017	140	9,474	37	2,366	8,671	111	6,345	32	2,183
62	U. SC, Columbia	11,795	0	8,833	2,962	0	9,116	0	6,649	2,467	0
63	MI State U.	11,510	0	11,380	0	130	9,929	0	9,929	0	0
64	Washington U., St. Louis	11,474	0	6,153	0	5,321	8,144	0	4,648	0	3,496
65	San Jose State U.	11,233	1,052	214	9,936	31	4,470	961	177	3,332	0
66	U. MA, Dartmouth	11,107	0	0	11,107	0	6,725	0	0	6,725	0
67	U. Pittsburgh, Pittsburgh	10,803	0	2,059	0	8,744	9,022	0	1,570	0	7,452
68	OH State U.	10,531	0	10,531	0	0	5,927	0	5,927	0	0
69	U. CA, Riverside	10,355	1,053	2,914	0	6,388	3,223	385	1,751	0	1,087
70	TX A&M U., Corpus Christi	10,184	315	226	8,859	784	4,593	97	86	3,863	547
71	U. Central FL	10,070	10,070	0	0	0	6,358	6,358	0	0	0
72	U. WI, Milwaukee	10,025	920	743	5,937	2,425	4,808	0	407	2,302	2,099
73	Brown U.	9,523	289	6,186	528	2,520	4,477	171	3,002	391	913
74	U. UT	9,261	3,606	5,655	0	0	7,416	3,229	4,187	0	0
75	MS State U.	9,228	2,696	3,513	3,018	1	4,663	1,246	1,762	1,655	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
76	Boston C.	8,945	7,733	1,212	0	0	7,152	6,747	405	0	0
77	FL International U.	8,922	0	3,883	0	5,039	4,487	0	3,084	0	1,403
78	WA State U.	8,841	136	5,002	147	3,556	1,984	88	1,506	0	390
79	U. CT	8,829	0	250	8,579	0	5,757	0	134	5,623	0
80	VA Polytechnic Institute and State U.	8,795	0	8,773	0	22	4,379	0	4,363	0	16
81	U. PR, Mayaguez	8,672	0	2,005	6,667	0	6,108	0	1,759	4,349	0
82	Old Dominion U.	8,542	0	0	8,542	0	3,813	0	0	3,813	0
83	U. Houston	8,447	0	8,447	0	0	2,081	0	2,081	0	0
84	SUNY, C. of Environmental Science and Forestry	8,375 i	0 i	0 i	0 i	8,375 i	2,064 i	0 i	0 i	0 i	2,064 i
85	CO School of Mines	8,229	0	8,229	0	0	2,498	0	2,498	0	0
86	George Mason U.	8,150	1,774	6,288	88	0	6,641	1,459	5,098	84	0
87	U. FL	8,147	0	5,409	2,300	438	4,891	0	3,303	1,560	28
88	U. IL, Urbana-Champaign	8,140	3,278	4,799	0	63	5,852	2,820	3,026	0	6
89	U. NC, Wilmington	7,974	39	670	7,265	0	5,291	0	540	4,751	0
90	U. Chicago	7,708	0	7,708	0	0	6,740	0	6,740	0	0
91	U. CA, Irvine	7,651	123	0	0	7,528	5,682	0	0	0	5,682
92	NM Institute of Mining and Technology	7,538	0	7,538	0	0	6,778	0	6,778	0	0
93	U. TN, Knoxville	7,252	0	2,694	0	4,558	4,881	0	2,053	0	2,828
94	U. NM	7,181	1,117	6,020	0	44	5,581	1,006	4,531	0	44
95	Northern AZ U.	7,164	92	4,702	0	2,370	3,334	7	3,210	0	117
96	Purdue U., West Lafayette	7,122	4,126	2,065	0	931	4,930	3,286	1,644	0	0
97	U. MS and U. MS Medical Ctr.	7,110	0	497	6,613	0	5,725	0	497	5,228	0
98	U. AL, Huntsville	6,885	6,300	571	0	14	6,586	6,036	550	0	0
99	WV U.	6,731	0	6,731	0	0	3,864	0	3,864	0	0
100	Southern Methodist U.	6,594	0	6,594	0	0	6,104	0	6,104	0	0
101	IA State U.	6,332	0	6,332	0	0	3,217	0	3,217	0	0
102	San Francisco State U.	6,242	4	819	5,419	0	3,244	0	597	2,647	0
103	U. ID	6,077	788	4,205	0	1,084	4,109	637	2,574	0	898
104	SUNY, U. Albany	6,031	4,212	1,819	0	0	3,322	1,634	1,688	0	0
105	Yale U.	5,699	1,470	3,882	134	213	3,599	802	2,611	73	113
106	Boston U.	5,590	0	2,366	0	3,224	5,067	0	2,163	0	2,904
107	Nova Southeastern U.	5,470	0	0	5,470	0	3,844	0	0	3,844	0
108	U. HI, Hilo	5,381	0	1,725	1,885	1,771	4,965	0	1,654	1,667	1,644
109	U. MA, Boston	5,326	0	0	4,766	560	2,007	0	0	1,996	11
110	U. NE, Lincoln	5,179	0	5,179	0	0	3,610	0	3,610	0	0
111	Boise State U.	5,176	99	4,787	0	290	4,049	41	3,822	0	186
112	TX State U., San Marcos	4,875	0	4,507	8	360	1,851	0	1,613	8	230
113	U. KY	4,875	0	4,875	0	0	3,151	0	3,151	0	0
114	U. Memphis	4,662	0	4,662	0	0	1,928	0	1,928	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
115	U. OR	4,468	0	2,832	884	752	3,833	0	2,662	724	447
116	U. WI, Stevens Point	4,205 i	0 i	613 i	935 i	2,657 i	3,226 i	0 i	494 i	373 i	2,359 i
117	U. MA, Amherst	4,122	0	3,343	6	773	2,278	0	1,980	0	298
118	Portland State U.	4,002	0	1,668	0	2,334	3,209	0	1,546	0	1,663
119	SD State U.	3,724	0	3,724	0	0	2,999	0	2,999	0	0
120	MT State U., Bozeman	3,681	0	2,304	0	1,377	2,906	0	1,591	0	1,315
121	OK State U., Stillwater	3,655	0	3,316	14	325	448	0	448	0	0
122	Rice U.	3,636	0	3,636	0	0	3,012	0	3,012	0	0
123	U. TX, El Paso	3,613	1,200	2,413	0	0	2,254	559	1,695	0	0
124	U. New Orleans	3,586	0	2,071	0	1,515	2,346	0	831	0	1,515
125	U. Toledo	3,564	0	3,263	0	301	2,151	0	2,151	0	0
126	SUNY, U. Buffalo	3,504	0	3,498	0	6	2,373	0	2,373	0	0
127	CUNY, City C.	3,403	945	1,071	0	1,387	1,859	0	472	0	1,387
128	IN U., Bloomington	3,373	0	3,373	0	0	1,097	0	1,097	0	0
129	U. VA, Charlottesville	3,370	3,370	0	0	0	2,943	2,943	0	0	0
130	U. PR, Rio Piedras	3,253	0	0	0	3,253	1,854	0	0	0	1,854
131	FL A&M U.	3,237	11	0	2,809	417	2,994	6	0	2,630	358
132	CA State U., Monterey Bay	3,166	0	937	2,229	0	1,091	0	791	300	0
133	Hampton U.	3,079	2,246	0	708	125	3,079	2,246	0	708	125
134	Southern U. and A&M C., Baton Rouge	3,047 i	0 i	0 i	0 i	3,047 i	2,888 i	0 i	0 i	0 i	2,888 i
135	UT State U.	2,951	2,951	0	0	0	1,658	1,658	0	0	0
136	Tarleton State U.	2,949	0	0	0	2,949	91	0	0	0	91
137	Western WA U.	2,941	0	1,389	1,552	0	1,487	0	645	842	0
138	NM State U.	2,932	1	838	0	2,093	979	0	167	0	812
139	MO U. of Science and Technology	2,882	152	2,730	0	0	1,753	0	1,753	0	0
140	U. AR, Fayetteville	2,814	0	2,516	0	298	2,070	0	1,890	0	180
141	San Diego State U.	2,799	0	2,149	650	0	1,928	0	1,382	546	0
142	CA Polytechnic State U., San Luis Obispo	2,751	0	0	2,491	260	1,115	0	0	1,115	0
143	Howard U.	2,747	0	0	2,747	0	2,601	0	0	2,601	0
144	U. IL, Chicago	2,657	0	1,689	0	968	1,337	0	1,134	0	203
145	MT Tech of U. MT	2,590	162	2,428	0	0	1,409	128	1,281	0	0
146	Grand Valley State U.	2,538 i	3 i	613 i	0 i	1,922 i	506 i	0 i	506 i	0 i	0 i
147	C. Charleston	2,525	68	1,984	473	0	2,237	68	1,698	471	0
148	U. MD, Eastern Shore	2,511	0	0	16	2,495	2,495	0	0	0	2,495
149	U. MD, Baltimore	2,446	0	0	2,446	0	1,159	0	0	1,159	0
150	Clark U.	2,397	0	2,179	45	173	1,303	0	1,235	45	23
151	U. MA, Lowell	2,353	0	2,353	0	0	1,899	0	1,899	0	0
152	U. South AL	2,327	0	339	1,988	0	1,675	0	259	1,416	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
153	Tulane U.	2,178	0	2,178	0	0	2,087	0	2,087	0	0
154	ID State U.	2,158	0	2,158	0	0	1,601	0	1,601	0	0
155	Rochester Institute of Technology	2,119	0	0	0	2,119	550	0	0	0	550
156	Plymouth State U.	2,086 i	455 i	1,631 i	0 i	0 i	1,647 i	390 i	1,257 i	0 i	0 i
157	Rensselaer Polytechnic Institute	2,060	0	2,060	0	0	1,843	0	1,843	0	0
158	Dartmouth C.	2,059	0	1,672	0	387	1,366	0	1,225	0	141
159	Stevens Institute of Technology	2,033	0	0	0	2,033	753	0	0	0	753
160	U. IA	2,033	0	508	0	1,525	402	0	242	0	160
161	Auburn U., Auburn	2,011	307	971	174	559	1,544	307	838	71	328
162	East Carolina U.	1,997	0	893	818	286	1,296	0	697	581	18
163	U. AK, Anchorage	1,992	17	127	131	1,717	1,957	17	110	120	1,710
164	Syracuse U.	1,977	0	1,977	0	0	1,076	0	1,076	0	0
165	CUNY, Hunter C.	1,963	0	1,963	0	0	441	0	441	0	0
166	Carnegie Mellon U.	1,932	52	0	0	1,880	1,458	52	0	0	1,406
167	James Madison U.	1,925	0	280	0	1,645	1,680	0	246	0	1,434
168	U. CA, Merced	1,916	0	1,916	0	0	1,053	0	1,053	0	0
169	U. VT	1,905	0	408	0	1,497	1,498	0	381	0	1,117
170	West Chester U. PA	1,769	4	0	0	1,765	0	0	0	0	0
171	U. TX, Dallas	1,754	0	0	0	1,754	319	0	0	0	319
172	U. MT	1,750	0	1,584	64	102	1,271	0	1,178	64	29
173	Coastal Carolina U.	1,744	0	0	1,744	0	1,184	0	0	1,184	0
174	Western MI U.	1,633	0	1,633	0	0	1,023	0	1,023	0	0
175	Dillard U.	1,627 i	13 i	51 i	0 i	1,563 i	1,627 i	13 i	51 i	0 i	1,563 i
176	Southern IL U., Edwardsville	1,582	0	1,582	0	0	415	0	415	0	0
177	Northwestern U.	1,571	0	1,571	0	0	854	0	854	0	0
178	FL Institute of Technology	1,567	0	0	1,567	0	870	0	0	870	0
179	U. PA	1,565	0	1,565	0	0	1,400	0	1,400	0	0
180	Northern IL U.	1,554	0	1,554	0	0	586	0	586	0	0
181	Drew U.	1,551	0	181	0	1,370	1,230	0	130	0	1,100
182	U. NC, Asheville	1,524	701	508	0	315	1,096	497	393	0	206
183	U. MO, Columbia	1,520	0	1,520	0	0	1,477	0	1,477	0	0
184	U. GU	1,497	0	6	895	596	1,365	0	0	850	515
185	Humboldt State U.	1,495	0	1,197	298	0	640	0	467	173	0
186	Pace U.	1,410	5	0	0	1,405	501	5	0	0	496
187	IN U.-Purdue U., Indianapolis	1,401	0	1,401	0	0	718	0	718	0	0
188	U. AL, Tuscaloosa	1,397	0	1,113	0	284	967	0	702	0	265
189	OH U.	1,394	581	809	4	0	930	516	414	0	0
190	Central WA U.	1,389	0	1,389	0	0	1,304	0	1,304	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
191	CA State U., Northridge	1,388	0	940	121	327	1,354	0	923	115	316
192	U. North TX, Denton	1,369	0	1,308	0	61	217	0	156	0	61
193	U. New England	1,357	0	588	715	54	1,351	0	588	709	54
194	Lincoln U., Jefferson City	1,355	0	226	0	1,129	1,138	0	9	0	1,129
195	FL Gulf Coast U.	1,344	0	9	874	461	843	0	0	469	374
196	Southern IL U., Carbondale	1,340	9	1,331	0	0	303	7	296	0	0
197	Rutgers, State U. NJ, Newark	1,338	0	973	365	0	1,097	0	732	365	0
198	Savannah State U.	1,317	0	371	946	0	1,317	0	371	946	0
199	Loma Linda U.	1,302	0	46	0	1,256	694	0	0	0	694
200	Northwest Indian C.	1,300 i	0 i	967 i	333 i	0 i	797 i	0 i	464 i	333 i	0 i
201	U. AL, Birmingham	1,289	0	0	1,289	0	868	0	0	868	0
202	U. LA, Lafayette	1,270	0	328	0	942	261	0	115	0	146
203	SUNY, U. Binghamton	1,260	0	1,135	73	52	420	0	345	71	4
204	FL Atlantic U.	1,256	448	0	379	429	129	81	0	39	9
205	CA State U., Fullerton	1,170	0	1,039	122	9	228	0	144	77	7
206	Baylor U.	1,166	0	720	0	446	270	0	196	0	74
207	PA State U., Erie	1,158	0	0	1,158	0	780	0	0	780	0
208	George Washington U.	1,155	602	145	0	408	466	2	109	0	355
209	Lehigh U.	1,147	0	1,147	0	0	929	0	929	0	0
210	DE State U.	1,138	0	0	1,138	0	1,138	0	0	1,138	0
211	U. TX, Arlington	1,128	0	1,128	0	0	695	0	695	0	0
212	SC State U.	1,110 i	0 i	0 i	0 i	1,110 i	1,042 i	0 i	0 i	0 i	1,042 i
213	Carleton C.	1,106	0	991	0	115	889	0	886	0	3
214	U. NC, Charlotte	1,089	0	1,089	0	0	723	0	723	0	0
215	U. Metropolitana	1,065	0	234	0	831	975	0	223	0	752
216	U. WI, Green Bay	1,046 i	0 i	0 i	0 i	1,046 i	769 i	0 i	0 i	0 i	769 i
217	St. Edward's U.	1,025	0	0	0	1,025	1,025	0	0	0	1,025
218	U. Redlands	1,005	0	1,005	0	0	937	0	937	0	0
219	Appalachian State U.	978	0	484	0	494	676	0	419	0	257
220	Case Western Reserve U.	975	0	975	0	0	786	0	786	0	0
221	Richard Stockton C. NJ	969	0	0	0	969	237	0	0	0	237
222	U. Cincinnati	965	0	965	0	0	387	0	387	0	0
223	Eastern MI U.	957	142	425	0	390	623	142	425	0	56
224	Wright State U.	953	0	953	0	0	424	0	424	0	0
225	Benedict C.	931	0	931	0	0	931	0	931	0	0
226	TX A&M U., Kingsville	867	161	0	13	693	335	105	0	13	217
227	Northeastern U.	863	0	0	863	0	748	0	0	748	0
228	Air Force Institute of Technology	857	0	0	0	857	690	0	0	0	690
229	U. WI, Superior	822 i	0 i	0 i	822 i	0 i	294 i	0 i	0 i	294 i	0 i

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011
(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
230	Vanderbilt U.	802	0	802	0	0	689	0	689	0	0
231	NY U.	801	0	801	0	0	80	0	80	0	0
232	Hobart and William Smith Colleges	796	60	27	0	709	681	60	27	0	594
233	Bowling Green State U.	788	0	578	0	210	570	0	570	0	0
234	U. TX, San Antonio	772	0	550	0	222	520	0	520	0	0
235	U. Rochester	711	0	711	0	0	627	0	627	0	0
236	CUNY, Queens C.	697	0	697	0	0	445	0	445	0	0
237	Montclair State U.	683	0	669	14	0	569	0	555	14	0
238	KS State U.	679	0	679	0	0	341	0	341	0	0
239	Miami U.	673	0	673	0	0	586	0	586	0	0
240	Mt. Holyoke C.	666	0	666	0	0	595	0	595	0	0
241	U. Houston, Clear Lake	666	0	0	0	666	424	0	0	0	424
242	West TX A&M U.	664	0	359	0	305	359	0	359	0	0
243	Evergreen State C.	639	0	0	0	639	639	0	0	0	639
244	Dickinson C.	628	0	452	0	176	240	0	64	0	176
245	St. Louis U.	628	628	0	0	0	459	459	0	0	0
246	Morgan State U.	612	0	612	0	0	612	0	612	0	0
247	Brigham Young U., Provo	611	0	611	0	0	454	0	454	0	0
248	TX Christian U.	582	0	582	0	0	21	0	21	0	0
249	VA Commonwealth U.	572	0	0	0	572	364	0	0	0	364
250	Kent State U.	571	80	361	118	12	486	59	298	118	11
251	ND State U.	565	0	565	0	0	179	0	179	0	0
252	CA State U., Long Beach	555 i	0 i	547 i	8 i	0 i	494 i	0 i	486 i	8 i	0 i
253	SD School of Mines and Technology	551	551	0	0	0	522	522	0	0	0
254	U. TX, Permian Basin	550	0	550	0	0	480	0	480	0	0
255	Rockefeller U.	540	0	0	196	344	196	0	0	196	0
256	MN State U., Mankato	538	0	48	0	490	148	0	48	0	100
257	Emory U.	533 i	59 i	0 i	0 i	474 i	382	0	0	0	382
258	Manhattan C.	521	0	0	0	521	245	0	0	0	245
259	AK Pacific U.	518	0	172	340	6	349	0	129	214	6
260	Middlebury C.	518	0	518	0	0	474	0	474	0	0
261	Embry-Riddle Aeronautical U.	500	500	0	0	0	419	419	0	0	0
262	Western KY U.	495	0	495	0	0	435	0	435	0	0
263	Pomona C.	492	0	419	0	73	387	0	387	0	0
264	Temple U.	488	0	488	0	0	217	0	217	0	0
265	Bowdoin C.	487	0	130	357	0	422	0	106	316	0
266	Central MI U.	487	0	487	0	0	466	0	466	0	0
267	Allen U.	482 i	9 i	332 i	45 i	96 i	482 i	9 i	332 i	45 i	96 i

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
268	Barnard C.	469	0	0	0	469	230	0	0	0	230
269	U. AR, Little Rock	466	0	457	0	9	466	0	457	0	9
270	Southern OR U.	465	0	82	0	383	349	0	0	0	349
271	Williams C.	464	0	401	0	63	258	0	258	0	0
272	Wayne State U.	456	0	456	0	0	255	0	255	0	0
273	U. West GA	444	0	444	0	0	300	0	300	0	0
274	Macalester C.	442	0	190	0	252	187	0	92	0	95
275	Salisbury U.	441	0	441	0	0	414	0	414	0	0
276	Bowie State U.	439	439	0	0	0	439	439	0	0	0
277	Stephen F. Austin State U.	428	0	2	0	426	45	0	0	0	45
278	U. Louisville	415	58	86	41	230	262	58	62	41	101
279	Monmouth U.	404	0	0	399	5	375	0	0	374	1
280	Bates C.	392	0	302	0	90	356	0	271	0	85
281	U. San Francisco	389	302	8	79	0	173	106	0	67	0
282	U. West FL	387	0	387	0	0	272	0	272	0	0
283	SUNY, C. Plattsburgh	385	0	385	0	0	87	0	87	0	0
284	Edinboro U. PA	383	383	0	0	0	377	377	0	0	0
285	U. MO, Kansas City	383	0	383	0	0	161	0	161	0	0
286	C. Wooster	374	0	374	0	0	327	0	327	0	0
287	U. Akron	372	0	372	0	0	67	0	67	0	0
288	U. Tulsa	372	0	22	65	285	350	0	0	65	285
289	Smith C.	370	0	352	0	18	339	0	339	0	0
290	Southern U. Agriculture Research and Extension Ctr.	370	0	0	0	370	0	0	0	0	0
291	Colgate U.	366	0	364	0	2	233	0	233	0	0
292	SUNY, C. Brockport	366	0	366	0	0	227	0	227	0	0
293	McNeese State U.	358	0	0	0	358	341	0	0	0	341
294	Keene State C.	357	0	0	0	357	265	0	0	0	265
295	U. AK, Southeast	344	0	0	182	162	316	0	0	164	152
296	Western Carolina U.	344	0	1	343	0	302	0	0	302	0
297	Hamilton C.	337	0	337	0	0	192	0	192	0	0
298	Wesleyan U.	337	0	337	0	0	270	0	270	0	0
299	Paine C.	333	0	0	0	333	333	0	0	0	333
300	Franklin and Marshall C.	331	0	272	59	0	112	0	53	59	0
301	U. CO, Colorado Springs	321	69	92	0	160	309	66	86	0	157
302	SUNY, Buffalo State C.	317	0	148	0	169	271	0	148	0	123
303	Eckerd C.	309	0	11	294	4	192	0	11	181	0
304	U. San Diego	301	0	0	264	37	264	0	0	264	0
305	CA State U., San Bernardino	299	0	299	0	0	215	0	215	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
306	CA State U., Chico	297	274	0	0	23	293	270	0	0	23
307	Bucknell U.	290	0	70	3	217	62	0	46	0	16
308	RI School of Design	289	0	0	289	0	258	0	0	258	0
309	Sonoma State U.	289	0	155	132	2	216	0	145	71	0
310	U.S. Naval Academy	280	0	0	280	0	280	0	0	280	0
311	U. Dayton	280	34	18	0	228	95	0	0	0	95
312	Cleveland State U.	279	0	279	0	0	257	0	257	0	0
313	Oberlin C.	278	0	105	0	173	62	0	62	0	0
314	MO State U.	277	0	277	0	0	190	0	190	0	0
315	U. CO, Denver and Anschutz Medical Campus	272	34	6	0	232	122	34	6	0	82
316	CA State U., East Bay	261	0	60	0	201	107	0	0	0	107
317	Salish Kootenai C.	259	0	259	0	0	259	0	259	0	0
318	Eastern KY U.	256	0	0	0	256	171	0	0	0	171
319	IN State U.	254	0	254	0	0	228	0	228	0	0
320	GA State U.	253	0	253	0	0	192	0	192	0	0
321	East Stroudsburg U. PA	250	250	0	0	0	250	250	0	0	0
322	Claremont McKenna C.	247	32	42	0	173	74	32	42	0	0
323	U. Northern IA	246	0	19	0	227	11	0	11	0	0
324	Slippery Rock U. PA	242	0	165	0	77	77	0	0	0	77
325	Nicholls State U.	235	0	235	0	0	9	0	9	0	0
326	CA State U., Fresno	228	0	206	22	0	128	0	106	22	0
327	CUNY, Brooklyn C.	228	0	228	0	0	153	0	153	0	0
328	CO C.	228	0	185	0	43	192	0	166	0	26
329	Gannon U.	227	0	0	0	227	0	0	0	0	0
330	SUNY, C. Oswego	222	21	17	0	184	214	21	10	0	183
331	Bemidji State U.	221	17	204	0	0	17	17	0	0	0
332	Jackson State U.	220	0	0	0	220	181	0	0	0	181
333	U. Notre Dame	217	0	0	0	217	0	0	0	0	0
334	U. South FL, St. Petersburg	213	213	0	0	0	132	132	0	0	0
335	Bryn Mawr C.	211	0	211	0	0	126	0	126	0	0
336	Central State U.	208	0	164	0	44	179	0	164	0	15
337	Roger Williams U.	198	0	0	194	4	118	0	0	118	0
338	American U.	195	0	82	58	55	15	0	0	7	8
339	Union C., Schenectady	194	0	194	0	0	37	0	37	0	0
340	Concord U.	192	0	192	0	0	16	0	16	0	0
341	U. Northern CO	192	0	3	0	189	175	0	1	0	174
342	CA State U., San Marcos	186 i	0 i	0 i	186 i	0 i	186 i	0 i	0 i	186 i	0 i
343	Calvin C.	186	0	186	0	0	20	0	20	0	0
344	East Central U.	176 i	12 i	66 i	62 i	36 i	136 i	11 i	52 i	43 i	30 i

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011
(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
345	U. DC	174	0	0	0	174	125	0	0	0	125
346	CA State Polytechnic U., Pomona	172	0	25	0	147	150	0	25	0	125
347	NM Highlands U.	171	0	27	0	144	35	0	24	0	11
348	Murray State U.	170	0	170	0	0	16	0	16	0	0
349	Columbus State U.	168	0	168	0	0	167	0	167	0	0
350	SUNY, C. Geneseo	165	0	165	0	0	116	0	116	0	0
351	Norwich U.	164 i	0 i	155 i	2 i	7 i	149	0	149	0	0
352	NC Agricultural and Technical State U.	162	162	0	0	0	150	150	0	0	0
353	Elizabeth City State U.	159	0	0	0	159	159	0	0	0	159
354	Millersville U. PA	158	30	90	30	8	140	29	81	30	0
355	Occidental C.	158	0	158	0	0	98	0	98	0	0
356	IL State U.	157	0	157	0	0	43	0	43	0	0
357	U. Southern ME	154	0	8	101	45	154	0	8	101	45
358	DePaul U.	153	127	26	0	0	147	125	22	0	0
359	U. TN, Chattanooga	153	151	2	0	0	151	151	0	0	0
360	Hampshire C.	151	0	0	0	151	151	0	0	0	151
361	AR Tech U.	146 i	0 i	146 i	0 i	0 i	77 i	0 i	77 i	0 i	0 i
362	CUNY, Medgar Evers C.	143	0	143	0	0	143	0	143	0	0
363	Ferrum C.	142	0	0	0	142	8	0	0	0	8
364	St. Joseph's C. ME	140 i	0 i	0 i	135 i	5 i	135 i	0 i	0 i	135 i	0 i
365	Middle TN State U.	138	0	138	0	0	83	0	83	0	0
366	East TN State U.	137	0	137	0	0	121	0	121	0	0
367	U. TX, Pan American	137	0	0	107	30	98	0	0	98	0
368	WV State U.	137	0	0	0	137	88	0	0	0	88
369	U. New Haven	132	0	1	0	131	1	0	1	0	0
370	U. St. Thomas (MN)	130	0	130	0	0	118	0	118	0	0
371	Dickinson State U.	129 i	0 i	0 i	0 i	129 i	129 i	0 i	0 i	0 i	129 i
372	Wilkes U.	129	0	129	0	0	114	0	114	0	0
373	Skidmore C.	125	0	78	0	47	98	0	78	0	20
374	U. MN, Morris	125	0	125	0	0	106	0	106	0	0
375	Augustana C., Rock Island	120	0	120	0	0	120	0	120	0	0
376	Jacksonville State U.	119	0	119	0	0	0	0	0	0	0
377	CA State U., Los Angeles	117	0	117	0	0	117	0	117	0	0
378	Loyola Marymount U.	117	0	117	0	0	21	0	21	0	0
379	Willamette U.	116	0	116	0	0	0	0	0	0	0
380	SUNY, C. Cortland	115	0	86	0	29	57	0	57	0	0
381	TX A&M International U.	114	0	114	0	0	56	0	56	0	0
382	Trinity U.	112	0	112	0	0	99	0	99	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec
383	U. TX, Brownsville	112	2	110	0	0	111	1	110	0	0
384	U.S. Military Academy	111	0	111	0	0	111	0	111	0	0
385	Valparaiso U.	111	111	0	0	0	110	110	0	0	0
386	Amherst C.	109	0	109	0	0	20	0	20	0	0
387	National U.	108 i	1 i	47 i	17 i	43 i	36 i	1 i	17 i	8 i	10 i
388	Pacific Lutheran U.	104	0	104	0	0	86	0	86	0	0
389	Long Island U.	103 i	0 i	0 i	103 i	0 i	0 i	0 i	0 i	0 i	0 i
390	U. WI, Eau Claire	103	0	102	0	1	13	0	13	0	0
391	Wheeling Jesuit U.	102	102	0	0	0	102	102	0	0	0
392	Lamar U.	101	0	101	0	0	101	0	101	0	0
393	NC Central U.	100	0	100	0	0	100	0	100	0	0
394	Sul Ross State U.	100	0	69	0	31	17	0	17	0	0
395	Alcorn State U.	99	28	42	0	29	9	0	9	0	0
396	Colby C.	99	0	51	0	48	24	0	5	0	19
397	Bryant U.	98	0	0	0	98	88	0	0	0	88
398	CA State U., Sacramento	95	0	95	0	0	55	0	55	0	0
399	U. WI, Oshkosh	94	0	84	0	10	57	0	57	0	0
400	Weber State U.	92	0	92	0	0	86	0	86	0	0
401	Haskell Indian Nations U.	91 i	4 i	53 i	34 i	0 i	91 i	4 i	53 i	34 i	0 i
402	Allegheny C.	89	0	86	0	3	72	0	72	0	0
403	CA State U., Stanislaus	88 i	14 i	32 i	29 i	13 i	68 i	12 i	25 i	22 i	9 i
404	Indiana U. PA	88	88	0	0	0	88	88	0	0	0
405	CUNY, Baruch C.	86	0	86	0	0	79	0	79	0	0
406	Susquehanna U.	86	0	0	0	86	68	0	0	0	68
407	U. WI, Whitewater	86 i	22 i	64 i	0 i	0 i	80 i	21 i	59 i	0 i	0 i
408	Oglala Lakota C.	84 i	0 i	42 i	2 i	40 i	84 i	0 i	42 i	2 i	40 i
409	Scripps C.	79	0	0	0	79	0	0	0	0	0
410	Tufts U.	79	0	79	0	0	75	0	75	0	0
411	U. of Mary Washington	79 i	6 i	30 i	26 i	17 i	79 i	6 i	30 i	26 i	17 i
412	U. PR, Cayey	76	0	76	0	0	76	0	76	0	0
413	Babson C.	75	0	0	0	75	75	0	0	0	75
414	Gallaudet U.	75	0	2	57	16	11	0	2	9	0
415	Centre C.	74	0	74	0	0	0	0	0	0	0
416	KY State U.	74	0	19	0	55	74	0	19	0	55
417	Hofstra U.	72	0	72	0	0	70	0	70	0	0
418	Sewanee: U. of the South	71	0	0	0	71	0	0	0	0	0
419	U. TX, Tyler	71	0	71	0	0	36	0	36	0	0
420	Washington and Lee U.	68	0	34	0	34	34	0	34	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec
421	Ball State U.	67	0	67	0	0	48	0	48	0	0
422	Lafayette C.	67	0	67	0	0	67	0	67	0	0
423	Albion C.	65	0	65	0	0	6	0	6	0	0
424	Azusa Pacific U.	65 i	8 i	17 i	18 i	22 i	0	0	0	0	0
425	Unity C.	65	50	5	0	10	50	50	0	0	0
426	Drake U.	63	0	0	0	63	0	0	0	0	0
427	SUNY, Purchase C.	63	0	0	0	63	63	0	0	0	63
428	U. LA, Monroe	63	0	63	0	0	46	0	46	0	0
429	St. Cloud State U.	61	0	61	0	0	13	0	13	0	0
430	U. Richmond	61	0	0	0	61	16	0	0	0	16
431	CA Lutheran U.	60	0	0	0	60	0	0	0	0	0
432	CUNY, Graduate Ctr.	60	0	0	0	60	30	0	0	0	30
433	Franklin W. Olin C. of Engineering	58	0	0	0	58	0	0	0	0	0
434	Taylor U.	58	6	4	0	48	26	6	0	0	20
435	Wellesley C.	56	0	56	0	0	53	0	53	0	0
436	MN State U., Moorhead	55 i	8 i	20 i	19 i	8 i	34 i	6 i	13 i	11 i	4 i
437	PA State U., Altoona	53	26	27	0	0	51	25	26	0	0
438	Philander Smith C.	53 i	1 i	36 i	5 i	11 i	53 i	1 i	36 i	5 i	11 i
439	Southern UT U.	53	0	53	0	0	53	0	53	0	0
440	Barnes-Jewish C. Goldfarb School of Nursing	52 i	8 i	16 i	16 i	12 i	32 i	5 i	11 i	11 i	5 i
441	Elon U.	52 i	0 i	18 i	14 i	20 i	9	0	0	9	0
442	Prescott C.	52	0	0	52	0	6	0	0	6	0
443	Towson U.	52	0	52	0	0	23	0	23	0	0
444	U. North AL	52 i	5 i	19 i	17 i	11 i	48 i	5 i	18 i	15 i	10 i
445	Ft. Lewis C.	51	0	51	0	0	51	0	51	0	0
446	IN U., Gary	51	0	51	0	0	0	0	0	0	0
447	Sinte Gleska U.	50	0	50	0	0	50	0	50	0	0
448	SUNY, C. Oneonta	49	0	49	0	0	25	0	25	0	0
449	C. of Menominee Nation	48 i	1 i	33 i	5 i	9 i	48 i	1 i	33 i	5 i	9 i
450	Dominican U. CA	48	0	0	48	0	31	0	0	31	0
451	Wheaton C., Norton	47	42	5	0	0	47	42	5	0	0
452	Lewis and Clark C.	46	0	4	0	42	2	0	2	0	0
453	U. MT, Western	46	46	0	0	0	9	9	0	0	0
454	U. NE, Omaha	46	0	46	0	0	11	0	11	0	0
455	Creighton U.	44	44	0	0	0	44	44	0	0	0
456	U. MO, St. Louis	44	0	44	0	0	44	0	44	0	0
457	Polytechnic U. PR	42	0	0	42	0	33	0	0	33	0
458	Lake Superior State U.	41	0	41	0	0	41	0	41	0	0
459	Western IL U.	41	0	41	0	0	29	0	29	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011
(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec
460	Heidelberg U.	40 i	1 i	18 i	8 i	13 i	30 i	1 i	14 i	7 i	8 i
461	Juniata C.	40	0	40	0	0	28	0	28	0	0
462	Mesa State C.	40	0	40	0	0	31	0	31	0	0
463	Alfred U.	38	0	0	0	38	38	0	0	0	38
464	Earlham C.	38	0	24	0	14	0	0	0	0	0
465	ME Maritime Academy	37 i	2 i	13 i	14 i	8 i	27 i	2 i	10 i	9 i	6 i
466	U. Houston, Downtown	37	0	37	0	0	37	0	37	0	0
467	Wichita State U.	37	0	37	0	0	1	0	1	0	0
468	Vassar C.	36	0	36	0	0	36	0	36	0	0
469	GA Southern U.	32	0	32	0	0	0	0	0	0	0
470	Seattle Pacific U.	32	0	0	32	0	31	0	0	31	0
471	Alliant International U.	31 i	4 i	8 i	9 i	10 i	0	0	0	0	0
472	Valdosta State U.	30	0	1	15	14	0	0	0	0	0
473	Shippensburg U. PA	29	0	29	0	0	29	0	29	0	0
474	HI Pacific U.	27	0	15	0	12	27	0	15	0	12
475	U. del Turabo	27	27	0	0	0	18	18	0	0	0
476	CUNY, Lehman C.	26	0	26	0	0	25	0	25	0	0
477	MT State U., Billings	26	0	4	0	22	17	0	0	0	17
478	Chicago State U.	25	0	0	0	25	25	0	0	0	25
479	Eastern CT State U.	25	0	2	0	23	0	0	0	0	0
480	Northeastern IL U.	23	0	23	0	0	23	0	23	0	0
481	Rider U.	23	0	0	23	0	23	0	0	23	0
482	Capitol C.	22 i	4 i	8 i	7 i	3 i	22 i	4 i	8 i	7 i	3 i
483	Ithaca C.	22	0	0	0	22	17	0	0	0	17
484	Mercyhurst C.	22	0	22	0	0	0	0	0	0	0
485	Radford U.	22	0	22	0	0	0	0	0	0	0
486	Eastern WA U.	21	0	21	0	0	21	0	21	0	0
487	Shaw U.	21	0	0	0	21	21	0	0	0	21
488	Furman U.	20	0	20	0	0	0	0	0	0	0
489	Hope C.	20	0	20	0	0	0	0	0	0	0
490	Marshall U.	20	0	20	0	0	16	0	16	0	0
491	U. North FL	20	0	0	0	20	0	0	0	0	0
492	Millsaps C.	19	0	19	0	0	14	0	14	0	0
493	Pitzer C.	19 i	0 i	19 i	0 i	0 i	0	0	0	0	0
494	U. WI, Stout	19 i	0 i	0 i	0 i	19 i	8 i	0 i	0 i	0 i	8 i
495	Lyon C.	18	18	0	0	0	18	18	0	0	0
496	SUNY, C. Potsdam	18	0	18	0	0	13	0	13	0	0
497	Winona State U.	18	0	17	0	1	0	0	0	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011

(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Oceanography	Environmental sciences, nec
498	Ashland U.	17 i	3 i	5 i	6 i	3 i	17 i	3 i	5 i	6 i	3 i
499	Norfolk State U.	17	0	0	0	17	17	0	0	0	17
500	U. WI, La Crosse	17 i	0 i	17 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
501	Valley City State U.	17 i	1 i	6 i	6 i	4 i	12 i	1 i	4 i	4 i	3 i
502	Gustavus Adolphus C.	16	0	5	0	11	0	0	0	0	0
503	TN Technological U.	16	0	16	0	0	0	0	0	0	0
504	MS Valley State U.	15	0	15	0	0	15	0	15	0	0
505	Sam Houston State U.	15	0	15	0	0	0	0	0	0	0
506	Wheaton C., Wheaton	15	0	15	0	0	0	0	0	0	0
507	Angelo State U.	14	0	14	0	0	0	0	0	0	0
508	CA State U., Channel Islands	14	0	0	0	14	0	0	0	0	0
509	CA State U., Dominguez Hills	14	14	0	0	0	14	14	0	0	0
510	DePauw U.	14	0	14	0	0	0	0	0	0	0
511	Eastern IL U.	14	0	14	0	0	11	0	11	0	0
512	Fordham U.	14	14	0	0	0	14	14	0	0	0
513	IN U.-Purdue U., Ft. Wayne	14	0	0	0	14	0	0	0	0	0
514	U. of the Pacific	14	0	14	0	0	14	0	14	0	0
515	Christian Brothers U.	13 i	0 i	6 i	3 i	4 i	13 i	0 i	6 i	3 i	4 i
516	Gettysburg C.	13	0	0	0	13	0	0	0	0	0
517	U.S. Coast Guard Academy	13	0	0	13	0	13	0	0	13	0
518	U. NE, Kearney	13	0	13	0	0	13	0	13	0	0
519	Butler U.	12 i	0 i	5 i	1 i	6 i	0	0	0	0	0
520	Linfield C.	12 i	0 i	6 i	1 i	5 i	3 i	0 i	2 i	0 i	1 i
521	Albany State U.	11	11	0	0	0	11	11	0	0	0
522	Alderson-Broaddus C.	11 i	0 i	5 i	3 i	3 i	11 i	0 i	5 i	3 i	3 i
523	C. NJ	11	0	11	0	0	11	0	11	0	0
524	CA Maritime Academy	10 i	5 i	3 i	2 i	0 i	0	0	0	0	0
525	C. of St. Benedict	10	0	0	0	10	0	0	0	0	0
526	Luther C.	10	0	7	0	3	0	0	0	0	0
527	St. John's U., Collegeville	10	0	0	0	10	0	0	0	0	0
528	Sweet Briar C.	10	0	10	0	0	0	0	0	0	0
529	U. HI, West O'ahu	10 i	1 i	5 i	4 i	0 i	9 i	0 i	5 i	4 i	0 i
530	U. Southern IN	10	0	10	0	0	0	0	0	0	0
531	U. WI, River Falls	10 i	0 i	9 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i
532	Wittenberg U.	10	0	0	0	10	0	0	0	0	0
533	CUNY, C. Staten Island	9	0	0	0	9	0	0	0	0	0
534	Dine C.	9 i	0 i	5 i	4 i	0 i	9 i	0 i	5 i	4 i	0 i
535	Trinity C., Hartford	9	0	1	0	8	1	0	1	0	0

TABLE 23. Total and federally financed higher education R&D expenditures in the environmental sciences, ranked by environmental sciences R&D total, by subfield: FY 2011
(Dollars in thousands)

Rank	Institution	Total					Federally financed				
		All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec	All environmental sciences	Atmospheric sciences	Earth sciences	Ocean-ography	Environmental sciences, nec
536	Austin C.	8 i	0 i	3 i	1 i	4 i	2 i	0 i	1 i	0 i	1 i
537	Austin Peay State U.	8	0	8	0	0	0	0	0	0	0
538	North Central C.	8	0	8	0	0	0	0	0	0	0
539	Rollins C.	8	0	0	1	7	1	0	0	1	0
540	U. Puget Sound	7	0	7	0	0	5	0	5	0	0
541	U. WI, Parkside	7	0	7	0	0	6	0	6	0	0
542	Messiah C.	6 i	0 i	2 i	1 i	3 i	0	0	0	0	0
543	Saginaw Valley State U.	6	0	6	0	0	0	0	0	0	0
544	WV Wesleyan C.	6	0	6	0	0	0	0	0	0	0
545	Loyola U., Chicago	4	0	0	0	4	4	0	0	0	4
546	Central CT State U.	3	0	3	0	0	0	0	0	0	0
547	New School	3	3	0	0	0	3	3	0	0	0
548	Sitting Bull C.	3	0	0	0	3	3	0	0	0	3
549	Edison State C.	2 i	0 i	1 i	1 i	0 i	2 i	0 i	1 i	1 i	0 i
550	Frostburg State U.	2	0	2	0	0	0	0	0	0	0
551	Kutztown U. PA	2	0	0	2	0	2	0	0	2	0
552	U. Baltimore	2	0	0	0	2	0	0	0	0	0
553	U. Portland	2	0	2	0	0	2	0	2	0	0
554	Loyola U., New Orleans	1	0	0	0	1	0	0	0	0	0
555	NE Wesleyan U.	1 i	1 i	0 i	0 i	0 i	0	0	0	0	0
556	PA State U., Harrisburg	1	0	1	0	0	0	0	0	0	0
557	Truman State U.	1	0	0	0	1	0	0	0	0	0
558	U. CA, Office of the President	1	0	0	0	1	0	0	0	0	0
559	Villanova U.	1 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
560	Youngstown State U.	1	0	1	0	0	0	0	0	0	0

i = imputed.

nec = not elsewhere classified.

^a Johns Hopkins University includes Applied Physics Laboratory, with \$22,951 thousand in total and \$21,895 thousand in federally financed R&D expenditures in environmental sciences in FY 2011.

NOTES: Institutions reporting zero expenditures in ranked total for FY 2011 are not listed in this table. Tied institutions are ranked alphabetically. Institutions ranked are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large multi-campus universities; some are part of state university systems. For a complete listing of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table A-3.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2011.