

Appendix table 5-68

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U.S. patenting activity of U.S. universities and colleges: 1994–2003

Variable	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Institutions awarded patents.....	168	161	179	175	172	181	185	185	192	198
Public.....	97	95	100	103	95	105	109	107	118	119
Private.....	60	58	69	64	67	69	70	71	67	73
Other.....	11	8	10	8	10	7	6	7	7	6
Patents awarded to all institutions.....	1,783	1,878	2,158	2,439	3,160	3,344	3,090	3,208	3,275	3,259
Public.....	1,058	1,180	1,330	1,490	1,816	2,012	1,871	1,874	1,941	1,973
Private.....	668	648	767	872	1,262	1,248	1,163	1,255	1,247	1,191
Top 100 R&D institutions										
Combined top 25 R&D institutions.....	991	1,003	1,207	1,307	1,763	1,863	1,720	1,759	1,730	1,787
Percent.....	56	53	56	54	56	56	56	55	53	55
Combined top 100 R&D institutions.....	1,480	1,577	1,829	2,083	2,754	2,871	2,666	2,736	2,769	2,749
Percent.....	83	84	85	85	87	86	86	85	85	84
Top 100 R&D institutions, 1994–2003										
Public universities										
University of California.....	163	213	266	277	395	437	435	402	431	439
University of Texas.....	98	90	88	81	97	93	90	89	93	96
University of Wisconsin.....	48	48	64	62	83	87	64	72	80	84
University of Michigan.....	28	30	25	53	50	51	69	51	47	63
University of Florida.....	26	31	36	43	52	50	64	51	42	59
State University of New York.....	37	31	37	45	51	54	54	41	55	35
Michigan State University.....	21	15	32	41	59	53	42	39	49	49
University of Minnesota.....	28	25	31	32	43	49	46	38	41	39
University of Washington.....	14	17	26	37	47	47	59	43	41	36
Iowa State University.....	37	37	38	36	53	45	34	29	19	27
Pennsylvania State University.....	16	18	20	19	26	36	37	52	50	52
North Carolina State University.....	32	31	26	24	26	23	24	31	33	44
University of Utah.....	22	17	32	31	37	35	20	43	29	20
University of North Carolina.....	13	21	22	39	29	43	27	36	22	29
Georgia Institute of Technology.....	20	21	22	16	17	34	38	32	36	43
University of Maryland.....	15	21	20	18	24	37	25	33	31	45
University of Pittsburg.....	10	13	12	17	32	39	38	38	22	22
University of Alabama.....	7	9	13	19	27	37	26	32	29	42
Rutgers University.....	18	20	18	21	26	31	25	21	35	24
University of Illinois.....	14	12	16	17	21	29	26	34	31	39
University of Nebraska.....	16	21	29	24	25	23	27	18	24	18
University of Iowa.....	9	17	11	14	25	30	17	38	25	31
Ohio State University.....	10	17	22	27	24	22	26	20	19	19
Louisiana State University.....	11	14	16	22	38	15	20	34	19	17
Texas A&M University.....	20	16	15	14	21	23	19	25	29	19
University of Massachusetts.....	5	12	14	15	24	52	21	18	15	17
University of Kentucky.....	3	11	14	14	21	29	25	20	32	23
Purdue University.....	11	10	12	24	22	19	11	13	23	22
University of Tennessee.....	5	14	8	13	9	12	16	22	32	8
University of Virginia.....	5	10	13	13	20	15	14	18	9	21
University of South Florida.....	4	6	13	14	18	18	20	15	19	11
Virginia Polytechnic Institute.....	16	6	14	17	16	21	14	9	11	13
University of Georgia.....	7	10	12	11	18	10	18	18	20	12
University of New Mexico.....	9	15	8	13	12	15	23	13	14	6
Oregon Health Sciences University.....	6	10	12	16	13	13	21	13	14	8
City University of New York.....	4	5	9	13	16	15	9	12	14	29
University of Oklahoma.....	7	11	9	16	9	15	17	20	8	10
University of Colorado.....	14	18	16	21	19	8	3	3	3	16
University of Missouri.....	7	10	8	16	13	16	6	12	14	17
Florida State University.....	5	10	8	6	13	9	14	7	20	18
University of Connecticut.....	2	8	9	13	11	17	13	7	13	13
Wayne State University.....	14	9	8	8	10	10	8	12	11	5
University of Cincinnati.....	7	8	7	10	5	5	16	16	12	9
Clemson University.....	10	8	7	9	8	2	4	7	21	17
University of Medicine and Dentistry of New Jersey.....	4	5	3	7	15	9	5	14	6	12
University of Kansas.....	2	2	6	3	6	11	5	9	21	9
Washington State University.....	4	4	2	5	5	10	12	13	7	7
University of Hawaii.....	6	7	6	6	6	8	10	4	6	6

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Variable	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
University of Arizona.....	6	4	4	9	8	7	5	3	6	10
Indiana University.....	7	6	8	11	12	5	6	2	2	0
Oregon State University.....	11	6	3	7	8	3	2	8	6	4
Arizona State University.....	3	6	14	8	1	4	4	6	6	5
Colorado State University.....	1	1	6	2	8	5	4	4	11	5
Mississippi State University.....	1	2	5	3	3	5	5	5	9	5
Utah State University.....	2	8	6	1	5	5	4	2	2	4
University of South Carolina.....	3	0	3	4	1	4	1	5	4	8
Medical University of South Carolina.....	1	2	1	1	5	5	6	2	5	3
University of Alaska.....	3	2	3	2	0	0	1	0	2	0
Private universities										
Massachusetts Institute of Technology.....	99	104	119	102	138	142	113	125	135	127
California Institute of Technology.....	46	38	24	46	93	99	103	124	110	139
Stanford University.....	62	54	55	64	79	83	103	84	104	85
Johns Hopkins University.....	23	28	27	48	79	97	72	80	81	70
Cornell University.....	39	36	52	50	65	64	49	61	35	59
University of Pennsylvania.....	37	25	45	55	69	59	31	52	45	29
Columbia University.....	18	18	33	35	55	55	51	58	45	61
Duke University.....	29	20	37	21	30	36	33	57	39	40
Harvard University.....	16	14	32	28	49	41	26	32	48	40
Washington University.....	19	21	18	22	41	50	36	37	20	22
Princeton University.....	7	12	13	16	24	30	28	39	36	31
Rockefeller University.....	13	9	8	20	35	34	42	25	32	13
Yale University.....	13	16	7	20	34	28	29	29	25	28
New York University.....	16	15	19	23	23	27	26	33	21	22
Northwestern University.....	12	18	10	27	35	24	17	33	27	21
University of Chicago.....	14	16	13	22	22	25	16	27	28	27
Emory University.....	5	11	12	12	35	26	20	18	28	22
Carnegie-Mellon University.....	8	10	13	9	26	27	33	12	19	25
Baylor University.....	11	7	18	18	27	22	29	15	18	16
University of Southern California.....	15	6	15	18	16	13	15	20	31	27
Boston University.....	14	14	16	20	19	15	16	18	14	15
Case Western Reserve University.....	8	8	6	9	15	28	18	18	22	14
Vanderbilt University.....	6	9	6	11	16	14	21	20	20	21
Yeshiva University.....	3	3	11	6	14	10	18	19	23	16
University of Rochester.....	10	6	3	5	15	7	12	16	19	18
Dartmouth College.....	4	3	4	2	9	8	11	7	8	9
University of Miami.....	5	5	5	14	3	2	3	3	6	8
Affiliated organizations										
Mayo Foundation.....	7	4	7	6	9	6	11	16	14	21
Associated Universities, Inc.....	12	10	11	10	6	3	5	15	7	12
Research Triangle Institute.....	4	5	1	4	6	6	9	18	19	12
	0	1	4	3	3	11	6	14	10	17

NOTES: Data include institutions affiliated with academic institutions, such as university and alumni organizations, federally funded research and development centers, foundations, and university associations. Data for certain institutions are for entire university system and incorporate data from various campuses. Number of patents awarded to public and private institutions are estimated because data for a small number of institutions could not be reconciled. Patents awarded to public and private institutions do not sum to total because patents for other organizations are excluded. Top 100 R&D institutions ranked by sum of their patents from 1994 through 2003.

SOURCES: U.S. Patent and Trademark Office, *Technology Assessment and Forecast Report: U.S. Colleges and Universities, 1969–2003* (2005); and National Science Foundation, Division of Science Resources Statistics, special tabulations.