

Hidden in plain sight: The oversized impact of downtown universities

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Table 1: Rank of downtown universities by licensing deals, disclosures, licensing income, patents, and startups

Institution	Rank	Licensing deals rank	Disclosures rank	Licensing income rank	Patents rank	Startups rank
Rockefeller University	1	1	1	1	1	1
Massachusetts Institute of Technology	2	2	3	3	2	2
Columbia University	3	6	4	2	4	3
University of Pennsylvania	4	8	6	5	7	4
Carnegie Mellon University	5	5	7	15	13	5
Johns Hopkins University	6	7	10	10	5	7
Temple University	7	12	8	7	11	6
Vanderbilt University	8	3	9	9	9	9
Rice University	9	21	14	21	3	11
University of Washington	10	4	11	6	18	15
Albert Einstein College of Medicine, Inc.	11	11	12	11	12	10
Thomas Jefferson University	12	15	13	19	15	8
Case Western Reserve University	13	13	16	26	6	13
Georgia Institute of Technology	14	17	17	27	8	12
Harvard University	15	16	19	13	10	14
University of Pittsburgh	16	9	18	12	16	19

Appendix A: Full downtown university metrics and rankings

Institution	Overall rank	Licensing Deals per 1,000 Students	Licensing rank	Invention disclosures per 1,000 students	Invention disclosure rank	Licensing income per student	License income rank	Patents per 1,000 students	Patent rank	New businesses created per 1,000 students	New business rank
Rockefeller University	1	170.0	1	143.6	1	\$137,762	1	104.0	1	6.6	1
Massachusetts Institution of Technology	2	7.0	2	24.1	3	\$5,073	3	26.7	2	1.8	2
Columbia University	3	5.2	6	10.6	4	\$10,166	2	6.2	4	1.2	3
University of Pennsylvania	4	4.4	8	8.8	6	\$1,963	5	3.9	7	0.8	4
Carnegie Mellon University	5	6.1	5	5.2	7	\$459	15	2.5	13	0.8	5
Johns Hopkins University	6	5.1	7	8.8	10	\$788	10	4.4	5	0.6	7
Temple University	7	2.9	12	2.6	8	\$1,147	7	2.7	11	0.7	6
Vanderbilt University	8	6.6	3	6.7	9	\$966	9	3.7	9	0.5	9
Rice University	9	1.2	21	5.3	14	\$263	21	7.2	3	0.4	11
Univeristy of Washington	10	6.2	4	14.6	11	\$1,826	6	1.9	18	0.4	15
Albert Einstein College of Medicine, Inc.	11	3.3	11	6.1	12	\$585	11	2.5	12	0.5	10
Thomas Jefferson University	12	1.9	15	2.0	13	\$301	19	2.3	15	0.5	8
Case Western Reserve University	13	2.7	13	6.8	16	\$155	26	4.1	6	0.4	13
Georgia Institute of Technology	14	1.7	17	3.1	17	\$76	27	3.8	8	0.4	12
Harvard University	15	1.8	16	3.6	19	\$554	13	3.3	10	0.4	14
University of Pittsburgh	16	4.4	9	6.2	18	\$565	12	2.2	16	0.3	19
Washington University in St. Louis	17	3.4	10	1.7	20	\$982	8	2.4	14	0.3	20
University of Nebraska	18	1.5	18	3.1	21	\$288	20	1.0	25	0.3	17
University of New Mexico	19	0.5	27	4.2	23	\$52	28	1.7	19	0.3	18
Indiana University	20	0.8	25	1.9	22	\$200	24	1.0	26	0.3	16
New York University	21	1.0	24	1.4	24	\$4,291	4	1.5	20	0.2	22
University of Chicago	22	1.1	23	1.7	25	\$402	18	1.2	24	0.2	21
New Jersey Institute of Technology	23	0.5	28	1.9	28	\$14	31	2.1	17	0.2	25