

TABLE 19

Total R&D expenditures within medical schools, by institutional control: FYs 2010–21

(Dollars in thousands)

Number, medical school status, highest degree granted, and institutional control	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
All institutions												
Number of institutions with medical schools	141	144	145	146	150	152	157	155	156	159	160	160
All R&D	40,380,697	42,941,206	43,056,379	44,826,210	46,138,811	47,372,130	49,998,145	52,568,534	55,515,110	60,549,529	62,485,514	65,090,080
Medical school R&D	21,437,682	23,215,960	22,885,999	22,716,092	22,867,301	23,550,033	24,764,109	26,282,480	27,849,424	29,906,763	30,849,038	33,137,637
Doctorate												
Number of institutions with medical schools	131	130	135	137	140	142	144	144	147	152	154	154
All R&D	40,333,614	42,835,538	42,957,410	44,780,213	46,085,337	47,326,040	49,910,718	52,496,944	55,458,527	60,498,790	62,436,247	65,039,959
Medical school R&D	21,419,712	23,174,106	22,844,442	22,695,488	22,847,813	23,531,182	24,714,792	26,245,661	27,819,236	29,879,611	30,822,412	33,111,715
Nondoctorate												
Number of institutions with medical schools	10	14	10	9	10	10	13	11	9	7	6	6
All R&D	47,083	105,668	98,969	45,997	53,474	46,090	87,427	71,590	56,583	50,739	49,267	50,121
Medical school R&D	17,970	41,854	41,557	20,604	19,488	18,851	49,317	36,819	30,188	27,152	26,626	25,922
Public												
Number of institutions with medical schools	83	84	85	86	89	91	94	94	94	99	100	100
All R&D	24,313,348	25,927,387	25,938,222	27,210,089	28,237,378	28,969,948	30,292,064	31,838,522	33,691,595	37,359,453	38,614,264	39,982,542
Medical school R&D	11,684,912	12,678,932	12,375,216	12,419,947	12,416,501	12,785,042	13,172,552	13,964,235	15,001,469	16,178,180	16,796,108	17,993,278
Private												
Number of institutions with medical schools	58	60	60	60	61	61	63	61	62	60	60	60
All R&D	16,067,349	17,013,819	17,118,157	17,616,121	17,901,433	18,402,182	19,706,081	20,730,012	21,823,515	23,190,076	23,871,250	25,107,538
Medical school R&D	9,752,770	10,537,028	10,510,783	10,296,145	10,450,800	10,764,991	11,591,557	12,318,245	12,847,955	13,728,583	14,052,930	15,144,359

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.