

Table 2. Industry profile of top 10 states with the highest level of business R&D performed and paid for by companies from companies' own funds: 2021

(Millions of U.S. dollars and percent)

State	R&D performed and paid for by the company (millions of dollars)	Largest R&D industry in state and NAICS number	Largest industry's share of state's R&D (%)	Sum of ICT industries' share of state's R&D (%)
United States	527,804	Pharmaceuticals and medicines (3254)	17	49
California	199,157	Other information (512, 515, 519)	20	65
Illinois	15,398	Pharmaceuticals and medicines (3254)	29	21
Massachusetts	33,937	Pharmaceuticals and medicines (3254)	51	28
Michigan	19,420	Motor vehicles, bodies, trailers, and parts (3361–63)	71	6
New Jersey	20,091	Pharmaceuticals and medicines (3254)	56	19
New York	23,939	Other information (512, 515, 519)	24	52
Oregon	10,954	Semiconductor and other electronic components (3344)	62	79
Pennsylvania	14,541	Pharmaceuticals and medicines (3254)	52	18
Texas	24,495	Semiconductor and other electronic components (3344)	14	53
Washington	47,644	Software publishers (5112)	34	59

ICT = information and communications technologies; NAICS = 2017 North American Industry Classification System.

Note(s):

Industry classification is based on the dominant business code for domestic R&D performance, where available. For companies that did not report business codes, the classification used for sampling was assigned. Statistics are representative of companies located in the United States that performed or funded \$50,000 or more of R&D and are not comparable with estimates published for years prior to 2018. ICT manufacturing comprises NAICS 334 (computer and electronic products), and ICT services comprises NAICS 5112 (software publishers), NAICS 517 (telecommunications), NAICS 518 (data processing, hosting, and related services), NAICS 5415 (computer systems design and related services), and the remaining industries within NAICS 51 (information) other than traditional paper publishers.

Source(s):

National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2021.