

TABLE 19. Domestic R&D performed by parent companies of U.S. MNCs, by state and selected industry: BRDIS 2009
(Millions of U.S. dollars)

State	Manufacturing								Nonmanufacturing				
	All industries	Total	Chemicals	Machinery	Computer and electronic products	Electrical equipment	Transportation equipment	Other	Total	Information	Professional, technical, and scientific services	Wholesale trade	Other
All states	198,335	156,509	43,110	6,913	44,919	1,981	43,564	16,021	41,827	27,399	9,821	359	4,248
Alabama	541	482	17	1	387	D	43	D	60	40	16	0	3
Alaska	18	17	*	0	D	0	D	2	1	0	1	0	0
Arizona	3,621	3,303	82	37	1,694	76	1,249	165	318	265	16	5	32
Arkansas	94	87	10	6	19	11	7	34	7	*	3	0	3
California	45,908	33,864	7,188	1,475	16,592	173	6,954	1,480	12,044	9,286	1,541	36	1,181
Colorado	2,387	1,888	89	72	1,348	5	306	69	499	412	50	2	35
Connecticut	8,809	8,566	D	189	107	D	D	D	243	108	109	D	D
Delaware	1,199	D	114	0	50	D	5	D	D	D	1	0	D
District of Columbia	304	259	D	0	D	1	D	D	45	25	20	0	0
Florida	2,243	1,740	118	30	717	19	707	149	503	398	68	3	33
Georgia	2,083	1,424	72	60	382	21	554	334	659	400	147	2	111
Hawaii	134	130	D	0	D	0	10	D	4	D	D	0	*
Idaho	725	697	4	1	D	0	*	D	28	17	11	0	*
Illinois	6,157	5,590	2,224	1,332	739	68	576	652	568	169	52	4	343
Indiana	3,936	3,577	D	474	183	69	165	D	360	43	D	0	D
Iowa	1,516	1,491	146	399	583	D	D	256	25	21	2	0	2
Kansas	662	433	152	27	92	3	D	D	229	1	222	0	5
Kentucky	534	509	370	3	37	16	D	D	25	2	7	0	16
Louisiana	92	75	6	10	7	0	D	D	17	*	D	0	D
Maine	368	352	1	0	270	D	D	D	16	1	D	0	D
Maryland	2,058	1,861	537	74	238	0	902	110	197	46	123	0	28
Massachusetts	8,356	5,521	2,020	178	1,765	30	976	553	2,836	1,178	1,516	0	142
Michigan	9,597	9,292	207	33	278	D	8,001	D	305	156	123	D	D
Minnesota	4,596	4,050	189	149	1,876	69	171	1,596	545	441	48	D	D
Mississippi	70	54	17	*	23	0	5	10	16	1	12	0	3
Missouri	7,942	7,513	D	18	29	61	D	D	429	133	286	0	10
Montana	15	12	*	1	10	0	1	*	2	1	2	0	0
Nebraska	254	137	39	21	13	0	D	D	116	96	4	0	16
Nevada	295	282	*	1	16	D	D	D	12	4	3	0	6
New Hampshire	1,544	1,341	31	27	1,235	D	14	D	202	161	40	2	*
New Jersey	14,140	13,066	10,313	29	866	24	138	1,696	1,074	187	729	22	136
New Mexico	396	312	11	0	297	0	D	D	84	4	81	0	0
New York	7,272	4,973	1,376	533	597	48	2,000	420	2,300	2,073	81	0	146
North Carolina	3,630	2,224	705	60	910	79	236	234	1,406	947	405	0	54
North Dakota	144	D	2	54	D	0	D	D	D	D	0	0	0
Ohio	4,417	4,145	1,563	104	365	126	1,361	626	272	53	132	2	85
Oklahoma	206	127	8	57	19	*	10	32	80	5	11	0	63
Oregon	3,165	2,755	6	202	2,091	14	101	341	410	358	D	D	6
Pennsylvania	6,439	5,642	3,339	82	735	176	265	1,044	797	370	287	0	140
Rhode Island	291	242	18	0	43	5	D	D	49	D	26	0	D

TABLE 19. Domestic R&D performed by parent companies of U.S. MNCs, by state and selected industry: BRDIS 2009
(Millions of U.S. dollars)

State	Manufacturing								Nonmanufacturing				
	All industries	Total	Chemicals	Machinery	Computer and electronic products	Electrical equipment	Transportation equipment	Other	Total	Information	Professional, technical, and scientific services	Wholesale trade	Other
South Carolina	700	516	65	4	88	12	277	70	183	10	D	0	D
South Dakota	31	29	1	0	D	6	2	D	2	D	D	0	0
Tennessee	681	629	195	37	216	36	37	108	52	D	26	0	D
Texas	10,423	6,977	272	483	3,554	62	1,357	1,250	3,446	1,478	721	5	1,241
Utah	710	442	82	1	97	3	191	68	268	227	32	0	9
Vermont	281	D	6	0	16	D	3	D	D	D	D	0	D
Virginia	3,197	2,547	119	1	681	7	1,395	343	650	124	514	0	12
Washington	13,549	D	D	26	677	3	D	104	D	D	145	4	D
West Virginia	195	191	D	*	2	0	D	D	4	1	4	0	0
Wisconsin	2,133	1,770	241	206	138	199	567	419	363	D	D	0	D
Wyoming	11	7	1	D	D	0	2	1	4	D	*	0	D
Undistributed ^a	10,265	D	D	D	D	D	D	D	D	D	D	D	D

* = amount < \$500,000; D = data withheld to avoid disclosing operations of individual companies.

BRDIS = Business R&D and Innovation Survey; MNC = multinational company; USDIA = U.S. Direct Investment Abroad.

^a Includes data reported on Form BRDI-1 that were not allocated to a specific state. Data reported on Form BRDI-1A were allocated to the state in the address on the company's survey form, which is usually the company's headquarters.

NOTES: Data from BRDIS (cosponsored by the National Science Foundation and the U.S. Census Bureau) are matched to data from the USDIA survey (conducted by the Bureau of Economic Analysis). BRDIS data in this table are for matched companies, where BRDIS-reported worldwide R&D expense plus worldwide R&D costs funded by others is greater than zero. Data are not weighted. Detail may not add to total because of rounding. The 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.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, U.S. Bureau of Economic Analysis, and U.S. Census Bureau, R&D Data Link Project, 2008–10.