

TABLE 4. Domestic R&D performed by parent companies of U.S. MNCs, by state and selected industry: BRDIS 2008
(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	193,465	155,605	42,983	7,066	46,465	1,569	45,662	11,860	37,860	26,404	7,824	1,024	2,608
Alabama	2,040	1,822	24	D	54	*	D	D	218	D	D	*	3
Alaska	23	21	D	0	D	D	1	D	2	0	2	0	*
Arizona	3,967	3,562	68	45	1,931	2	1,362	154	406	316	46	0	44
Arkansas	200	158	5	17	17	D	12	D	42	D	D	0	1
California	44,155	33,876	5,071	1,585	17,685	59	8,780	697	10,279	8,249	1,159	23	849
Colorado	2,491	2,098	401	72	1,313	3	191	117	394	269	114	2	9
Connecticut	8,611	8,459	D	164	109	36	D	D	152	D	86	D	D
Delaware	1,174	D	728	0	D	3	4	15	D	D	1	0	D
District of Columbia	278	D	D	*	D	0	5	0	D	21	D	0	0
Florida	1,959	1,517	285	35	530	9	604	54	442	338	60	D	D
Georgia	1,788	1,232	93	58	115	29	D	D	556	239	259	0	58
Hawaii	91	88	43	0	D	0	D	D	4	2	1	0	0
Idaho	696	D	D	1	D	0	0	D	D	14	D	*	0
Illinois	5,719	5,527	2,012	1,784	583	44	552	553	192	125	55	3	8
Indiana	3,586	D	2,140	432	162	92	205	D	D	4	D	0	*
Iowa	659	654	187	352	17	D	D	17	4	2	2	0	*
Kansas	899	669	143	29	117	*	365	14	230	D	D	0	*
Kentucky	574	559	417	11	16	14	70	31	15	4	8	0	2
Louisiana	96	81	19	6	2	0	D	D	14	*	14	0	0
Maine	147	144	1	1	65	0	D	D	3	2	1	*	0
Maryland	1,606	1,457	86	93	216	3	841	218	149	50	96	0	3
Massachusetts	8,264	6,468	2,054	223	2,555	33	1,100	503	1,796	1,070	659	28	39
Michigan	10,468	10,222	503	45	124	D	8,941	D	246	139	88	9	11
Minnesota	3,832	3,392	181	210	1,461	38	236	1,265	441	380	40	0	20
Mississippi	64	50	8	*	15	0	10	17	14	*	11	0	2
Missouri	4,451	4,321	780	D	333	D	D	D	130	D	14	0	D
Montana	44	42	D	D	D	0	D	D	2	1	1	0	0
Nebraska	255	123	24	15	24	*	D	D	132	63	D	0	D
Nevada	247	228	*	9	13	3	D	D	19	9	5	*	5
New Hampshire	1,507	1,328	D	D	1,237	D	14	12	178	132	44	2	0
New Jersey	13,701	12,779	11,435	7	541	23	108	665	922	92	753	0	77
New Mexico	432	377	19	1	288	0	69	0	55	4	51	*	0
New York	7,294	4,968	1,573	111	1,077	17	1,816	374	2,326	2,143	58	*	124
North Carolina	3,285	1,909	623	47	669	61	283	226	1,376	975	360	1	41
North Dakota	139	D	2	D	3	2	D	D	D	D	0	0	0
Ohio	4,690	4,403	1,725	110	230	93	1,658	587	286	51	223	1	12
Oklahoma	232	151	13	65	7	*	23	42	82	*	9	0	72
Oregon	3,101	2,779	16	120	2,143	8	130	362	322	274	17	31	0
Pennsylvania	6,355	5,444	3,695	88	810	78	326	447	911	405	388	2	117
Rhode Island	255	213	9	3	20	4	D	D	43	D	11	*	D

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South Carolina	646	D	51	28	97	14	212	D	D	1	D	0	0
South Dakota	12	11	6	3	*	0	2	*	1	1	0	0	0
Tennessee	767	702	230	49	240	37	41	106	64	D	37	*	D
Texas	11,111	8,278	478	540	4,315	5	1,934	1,005	2,833	1,586	671	*	576
Utah	611	383	65	1	103	3	154	58	228	209	13	*	6
Vermont	273	D	13	0	13	1	D	D	D	D	1	D	D
Virginia	3,712	3,073	221	4	562	6	1,951	330	639	243	378	0	18
Washington	10,979	D	352	19	606	*	D	D	D	D	D	2	D
West Virginia	197	196	182	0	2	0	12	*	1	1	*	0	*
Wisconsin	2,105	1,782	210	190	104	180	586	511	324	42	D	*	D
Wyoming	6	6	3	0	1	0	0	2	*	*	*	0	0
Undistributed ^a	13,670	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.