

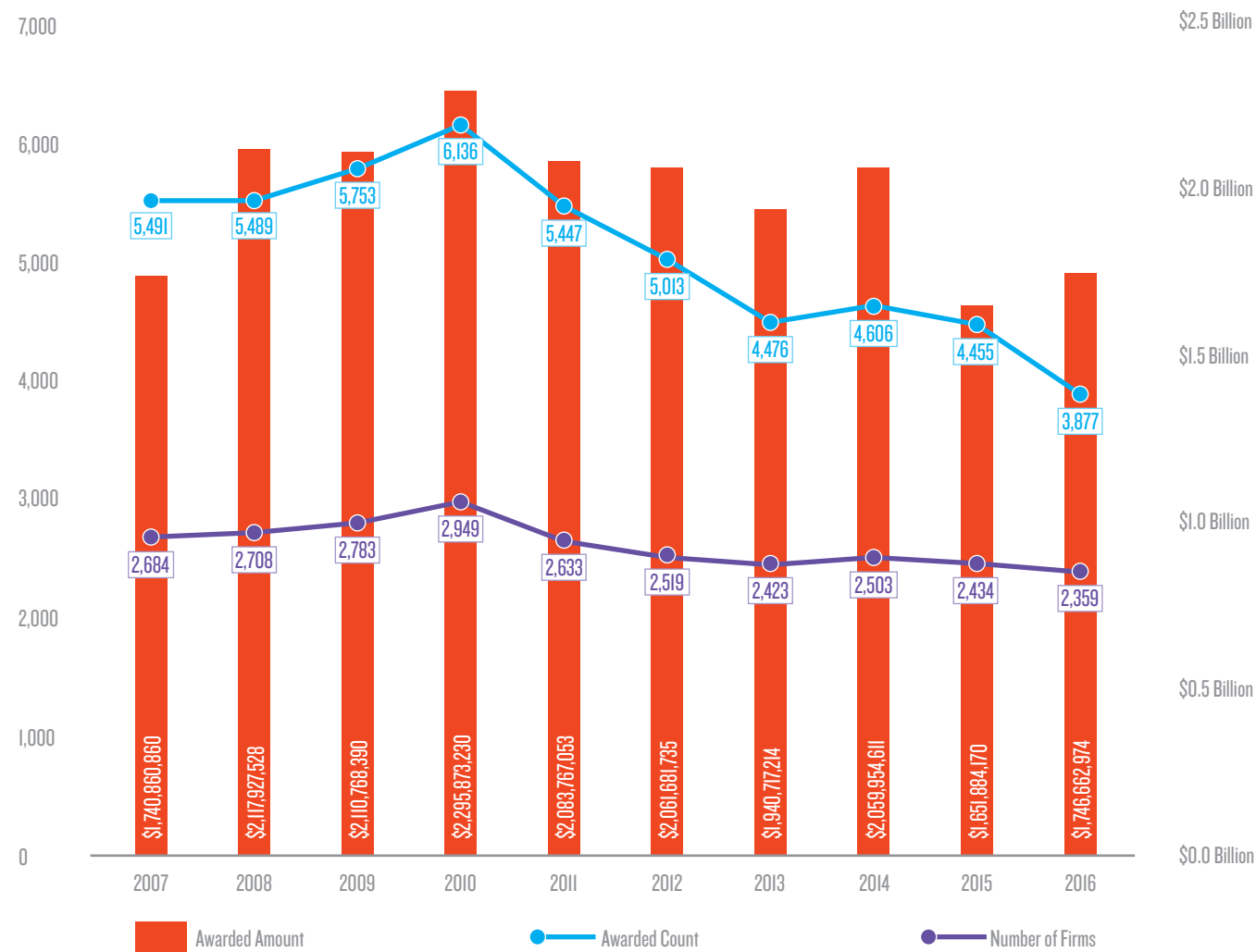
LAB TO MARKET: TRACKING SBIR/STTR AWARDS

The federal government has two principal mechanisms for helping scientists and engineers find a market for their laboratory inventions. The Small Business Innovation Research program provides grants that assist researchers in building viable enterprises around discoveries with commercial potential. The Small Business Technology Transfer program assists entrepreneurs in forming joint ventures with nonprofit research institutions. In recent years, several agencies have provided a pathway into SBIR/STTR programs through the Innovation Corps (I-Corps), which teaches researchers how to recognize the commercial prospects of their work and approach investors.

The graphics in these pages show a decade's worth of SBIR and STTR awards from the top funding agencies: the Department of Defense, Department of Health and Human Services, the National Aeronautics and Space Administration, and the National Science Foundation. Overall, the total annual amount awarded and the total number of grants given by these agencies have decreased. The states with the highest award amounts were California, Massachusetts, Virginia, Maryland, and New York.

(ASEE manages the ASEE/NSF Small Business Postdoctoral Research Diversity Fellowship Program, which matches NSF Phase II SBIR companies with postdoctoral scholars who are underrepresented in STEM. Readers can learn more at <http://nsfsbir.asee.org>. Director Damon Tull can be reached at nsfsbir@asee.org.)

SBIR and STTR Awards, Counts, and Firms for Select Federal Agencies



Awards to Entrepreneurs by State

RANK	STATE	AWARD COUNT	NUMBER OF FIRMS	AWARDED/OBLIGATED AMOUNT
1	CA	10,319	2,031	\$4,016,663,838
2	MA	5,995	863	\$2,361,196,381
3	VA	3,262	475	\$1,235,939,679
4	MD	2,506	452	\$1,019,146,439
5	NY	2,345	550	\$954,458,196
6	PA	2,083	459	\$818,238,434
7	TX	2,282	438	\$812,638,118
8	CO	2,075	363	\$793,018,421
9	OH	1,887	333	\$716,033,654
10	FL	1,392	321	\$528,478,361
11	NC	1,080	281	\$491,742,829
12	MI	1,180	294	\$477,975,639
13	NJ	1,193	272	\$453,144,146
14	AL	1,131	138	\$422,760,877
15	WA	962	269	\$398,014,844
16	IL	1,065	270	\$387,343,667
17	AZ	956	193	\$340,250,278
18	NH	747	82	\$328,721,945
19	OR	606	140	\$294,722,207
20	MN	658	137	\$263,607,224
21	CT	722	154	\$262,961,714
22	WI	548	154	\$257,439,794
23	GA	617	196	\$255,996,718
24	NM	655	125	\$231,125,363
25	IN	494	162	\$190,014,164
26	UT	434	142	\$171,524,532
27	KY	296	106	\$122,678,154
28	MO	338	117	\$118,090,707
29	TN	267	83	\$110,504,096
30	SC	217	66	\$86,844,870
31	MT	217	40	\$81,645,736
32	RI	182	43	\$78,231,842
33	HI	214	38	\$76,371,499
34	DE	221	43	\$69,992,391
35	OK	139	44	\$66,871,760
36	AR	206	44	\$63,745,817
37	IA	160	56	\$59,142,218
38	VT	116	36	\$51,376,339
39	KS	125	40	\$46,630,386
40	NV	121	40	\$42,251,136
41	LA	98	37	\$37,063,909
42	NE	94	31	\$35,953,267
43	ID	94	31	\$28,813,584
44	DC	79	38	\$27,626,932
45	ME	86	33	\$27,141,461
46	WY	64	21	\$23,284,217
47	WV	64	14	\$22,006,637
48	ND	33	12	\$14,085,736
49	MS	50	21	\$13,105,033
50	SD	33	19	\$9,248,299
51	AK	19	13	\$5,597,621
52	PR	9	5	\$2,403,643

Top Agency Spending (2007-2016)

AGENCY	AWARD COUNT	NUMBER OF FIRMS	AWARDED/OBLIGATED AMOUNT
DOD	28,557	4,267	\$10,852,991,036
HHS	12,546	4,047	\$6,504,465,718
NASA	5,150	1,125	\$1,452,376,015
NSF	4,490	2,725	\$1,201,264,997

