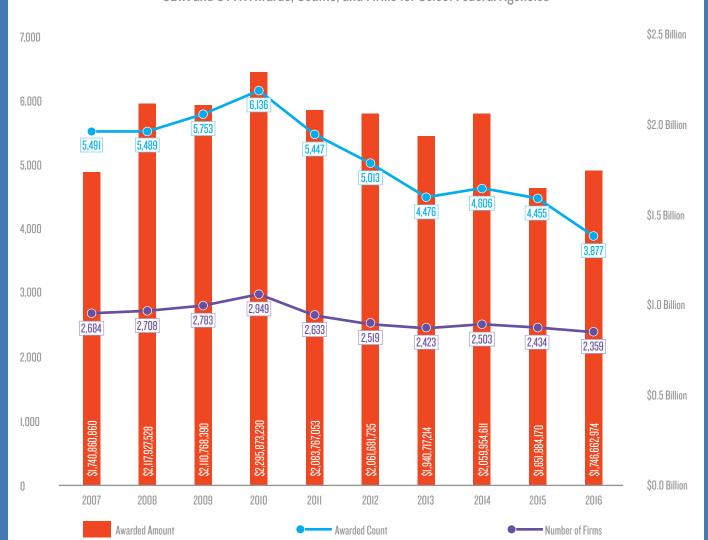
LAB TO MARKET: TRACKING SBIR/STTR AWARDS

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 sci 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

I CA 10.319 2.031 \$4.016.663.839 2 MA 5.995 963 \$2.361.96.381 3 VA 3.262 475 \$1.235.938.679 4 MD 2.506 452 \$1.019.46.439 5 NY 2.345 550 \$954.458.168 6 PA 2.0023 459 \$916.238.148 7 TX 2.222 438 \$917.238.144 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 1.31 139 \$422.760.977 15 WA 962 269 \$398.014.844 16 IL	
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36 AK 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	
4I LA 98 37 \$37,063,909 42 NE 94 31 \$35,953,267	
43 ID 94 3I \$28,013,584	
44 DC 79 38 \$27,626,932	
44 DC 79 38 \$27,1020,932 45 ME 86 33 \$27,14,461	
45 WE 66 55 \$27,141,401	
40 W1 04 21 \$25,264,217 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 Agenc	y Spending (20	07-2016)	
AGENCY	AWARD COUNT	NUMBER OF FIRMS	AWARDED/OBLIGATED AMOUNT	
DOD	28,557	4,267	\$10,652,991,036	
HHS	12,546	4,047	\$6,504,465,718	
NASA NSF	5,150 4,490	l,125 2,725	\$1,452,376,015 \$1,201,264,997	
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