

Research & Development in RI					
I. Overall Measures	2010	2015	2016	2017	% Change 2010 - 2016
Total R&D Performance	\$1,439,000,000	\$1,427,000,000	\$1,641,000,000	NA	14.04%
Business R&D Performance	\$531,000,000	\$751,000,000	\$875,000,000	NA	64.78%
II. Higher Education R&D Performance					
Percent by Field					
Engineering	9%	11%	12%	11%	
Environmental Sciences	17%	13%	15%	18%	
Life Sciences	44%	42%	39%	43%	
Math and Computer Sciences	8%	11%	10%	9%	
Physical Sciences	10%	8%	9%	8%	
Psychology	1%	3%	3%	3%	
Social Sciences	6%	8%	8%	5%	
Other	4%	4%	4%	5%	
					% Change 2010 - 2017
Total Higher Education R&D Spending	\$288,000,000	\$377,000,000	\$331,000,000	\$301,000,000	4.51%
III. Federal R&D Obligations					
Amount by Agency					
Agriculture	\$3,936,000	\$2,866,000	\$2,491,000	\$2,410,000	
Commerce	\$453,000	\$2,291,000	\$6,692,000	\$2,688,000	
Defense	\$405,453,000	\$303,093,000	\$398,349,000	\$369,315,000	
Energy	\$6,696,000	\$10,203,000	\$8,350,000	\$5,213,000	
Health and Human Services	\$186,215,000	\$134,061,000	\$152,543,000	\$173,404,000	
Homeland Security	\$1,460,000	\$1,314,000	\$809,000	\$0	
Interior	\$2,174,000	\$1,311,000	\$3,552,000	\$1,163,000	
Transportation	\$388,000	\$1,641,000	\$699,000	\$713,000	
Environmental Protection Agency	\$18,242,000	\$11,298,000	\$10,857,000	\$11,401,000	
National Aeronautics and Space Administration	\$3,255,000	\$4,792,000	\$3,705,000	\$3,413,000	
National Science Foundation	\$41,573,000	\$46,509,000	\$39,227,000	\$45,237,000	
					% Change 2015 - 2017
Total Federal R&D Obligations	\$669,845,000	\$519,379,000	\$627,274,000	\$614,957,000	18.40%
IV. State Government R&D Expenditures					
Amount by Field					
Agriculture	\$0	\$0	\$0	\$44,000	NA
Energy	\$0	\$1,000	\$104,000	\$132,000	13100.00%
Environment and Natural Resources	\$401,000	\$869,000	\$1,343,000	\$1,321,000	52.01%
Health	\$776,000	\$180,000	\$308,000	\$351,000	95.00%
Other	\$0	\$108,000	\$1,435,000	\$779,000	621.30%
Transportation	\$284,000	\$1,437,000	\$183,000	\$1,165,000	-18.93%
Total State Government R&D Expenditures	\$1,461,000	\$2,595,000	\$3,373,000	\$3,792,000	46.13%
V. Miscellaneous Measures					
					% Change 2010 - 2017
Utility Patents Issued to State Residents	276	324	334	359	30.07%
Science, Eng., and Health Graduate Students	2,440	2,505	2,494	NA	NA
Science & Eng. Doctorate Recipients	211	238	242	248	17.54%

SOURCE (Last Accessed June 25, 2019):

National Science Foundation, Science and Engineering State Profiles 2017.

<https://nsf.gov/statistics/states/interactive/show.cfm?stateID=53.41&year=0>

