

## Science and engineering profile: Alabama

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	5,900	620,140	28
S&E doctorates awarded, 2006	338	29,854	25
Engineering (%)	32	24	–
Life sciences (%)	30	26	–
Psychology (%)	10	11	–
SEH postdoctorates in doctorate-granting institutions, 2006	278	49,201	31
SEH graduate students in doctorate-granting institutions, 2006	7,858	542,073	22
Population, 2007 (thousands)	4,628	305,563	23
Civilian labor force, 2007 (thousands)	2,183	154,046	23
Personal income per capita, 2006 (\$)	30,841	36,629	43
Federal spending			
Total expenditures, 2005 (\$millions)	42,061	2,260,098	20
R&D obligations, 2005 (\$millions)	2,800	106,845	11
Total R&D performance, 2005 (\$millions)	2,804	310,194	27
Industry R&D, 2005 (\$millions)	1,417	222,427	27
Academic R&D, 2006 (\$millions)	602	47,735	24
Life sciences (%)	72	60	–
Engineering (%)	15	15	–
Physical sciences (%)	4	8	–
SBIR awards, 2000–06	788	38,825	14
Utility patents issued to state residents, 2006	357	89,820	35
Gross domestic product, 2006 (\$billions)	161	13,235	25

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

## Federal obligations for research and development, by agency and performer: Alabama, FY 2005 (Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	2,800,183	759,471	0	1,646,888	353,405	37,336	3,083	11
Department of Agriculture	24,644	9,459	0	0	15,185	0	0	32
Department of Commerce	4,606	442	0	152	4,012	0	0	26
Department of Defense	2,319,178	743,934	0	1,555,677	17,191	2,376	0	7
Department of Energy	7,503	0	0	720	6,503	280	0	39
Department of Health and Human Services	299,892	2,285	0	8,421	254,913	33,359	914	22
Department of Homeland Security	3,382	2,080	0	1,302	0	0	0	24
Department of the Interior	2,429	1,163	0	104	877	0	285	37
Department of Transportation	5,243	108	0	648	3,743	744	0	11
Environmental Protection Agency	1,622	0	0	0	1,574	0	48	28
National Aeronautics and Space Administration	114,365	0	0	79,160	33,167	202	1,836	9
National Science Foundation	17,319	0	0	704	16,240	375	0	38
Rank	11	5	–	9	22	24	30	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles".