

Science and engineering profile: Arkansas

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	2,840	620,140	40
S&E doctorates awarded, 2006	107	29,854	40
Life sciences (%)	41	26	–
Engineering (%)	21	24	–
Physical sciences (%)	14	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	139	49,201	38
SEH graduate students in doctorate-granting institutions, 2006	3,760	542,073	35
Population, 2007 (thousands)	2,835	305,563	33
Civilian labor force, 2007 (thousands)	1,368	154,046	33
Personal income per capita, 2006 (\$)	28,444	36,629	49
Federal spending			
Total expenditures, 2005 (\$millions)	20,387	2,260,098	34
R&D obligations, 2005 (\$millions)	154	106,845	46
Total R&D performance, 2005 (\$millions)	528	310,194	43
Industry R&D, 2005 (\$millions)	271	222,427	42
Academic R&D, 2006 (\$millions)	237	47,735	39
Life sciences (%)	76	60	–
Engineering (%)	10	15	–
Physical sciences (%)	7	8	–
SBIR awards, 2000–06	111	38,825	38
Utility patents issued to state residents, 2006	138	89,820	42
Gross domestic product, 2006 (\$billions)	92	13,235	34

– = 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: Arkansas, 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	154,255	43,146	0	12,322	90,046	4,693	4,048	46
Department of Agriculture	37,507	19,599	0	0	17,908	0	0	19
Department of Commerce	0	0	0	0	0	0	0	–
Department of Defense	13,345	172	0	6,253	6,920	0	0	47
Department of Energy	1,709	0	0	0	709	1,000	0	48
Department of Health and Human Services	89,302	22,204	0	4,164	55,284	3,693	3,957	35
Department of Homeland Security	0	0	0	0	0	0	0	–
Department of the Interior	1,731	1,171	0	0	469	0	91	44
Department of Transportation	0	0	0	0	0	0	0	–
Environmental Protection Agency	705	0	0	365	340	0	0	36
National Aeronautics and Space Administration	2,132	0	0	262	1,870	0	0	49
National Science Foundation	7,824	0	0	1,278	6,546	0	0	48
Rank	46	41	–	47	40	42	26	–

– = 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".