

**Arizona Ranking
National Science Board Science and Engineering Indicators 2006**

State Indicator	Year	Quartile
Engineers as Share of Workforce	2003	1
Federal R&D Obligations per Civilian Worker	2002	1
Federal R&D Obligations per Individual in S&E Occupation	2002-03	1
S&E Doctorates Conferred per 1,000 S&E Doctorate Holders	2003	1
Academic Article Output per 1,000 S&E Doctorate Holders in Academia	2003	1
High-Technology Share of All Business Establishments	2002	1
Venture Capital Disbursed per Venture Capital Deal	2004	1
Bachelor's Degrees Conferred Per 1,000 Individuals 18-24 Years Old	2003	2
Bachelor's Degrees in Natural Sciences and Engineering Conferred per 1,000 Individuals 18-24 Years Old	2003	2
Average Undergraduate Charge at Public 4-Year Institutions	2004	2
Bachelor's Degree Holders as Share of Workforce	2004	2
Individuals in S&E Occupations as Share of Workforce	2003	2
Computer Specialists as Share of Workforce	2003	2
R&D as Share of Gross State Product	2002	2
Industry-Performed R&D as Share of Private-Industry Output	2003	2
Patents Awarded per 1,000 Individuals in S&E Occupations	2003	2
Net High-Technology Business Formations as Share of All Business Establishments	2002	2
Employment in High-Technology Establishments as Share of Total Employment	2002	2
Average SBIR Program Award Dollars per \$1 Million of Gross State Product	2001-03	2
Venture Capital Deals as Share of High-Technology Business Establishments	2002	2
Fourth Grade Mathematics Proficiency	2003	3
Eighth Grade Mathematics Performance	2003	3
Eighth Grade Science Performance	2000	3
Eighth Grade Science Proficiency	2000	3
Elementary and Secondary Public School Current Expenditures as Share of Gross State Products	2003	3
Share of Public High School Students Scoring 3 or Higher on Least One Advanced Placement Exam	2004	3
Advanced S&E Degrees as Share of S&E Degrees Conferred	2003	3
S&E Doctorate Holders as Share of Workforce	2003	3
Academic R&D per \$1,000 of Gross State Product	2003	3
Academic Article Output per \$1 Million of Academic R&D	2003	3
Academic Patents Awarded per 1,000 S&E Doctorate Holders in Academia	2003	3
Venture Capital Disbursed per \$1,000 of Gross State Product	2003	3
Fourth Grade Mathematics Performance	2003	4
Fourth Grade Science Performance	2000	4
Fourth Grade Science Proficiency	2000	4
Eighth Grade Mathematics Proficiency	2003	4
Current Expenditures per Pupil for Elementary and Secondary Public Schools	2003	4
Share of Public High School Students Taking Advanced Placement Exams	2004	4
S&E Degrees as Share of Higher Education Degrees Conferred	2003	4
S&E Graduate Students per 1,000 Individuals 25-34 Years Old	2003	4
State Expenditures on Student Aid per Full-Time Undergraduate Student	2002	4
Life and Physical Scientists as Share of Workforce	2003	4