

Global Infotech 2007 (UIUC – GLS)

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September 6, 2007

Emerging economies now lead

1986

Top Ten High Tech Exporters

Billions of 1997 U.S. Dollars

1. **United States \$65**
2. **Japan \$53**
3. **Germany \$31**
4. **United Kingdom \$24**
5. **France \$14**
6. **Netherlands \$9**
7. **Italy \$8**
8. **Switzerland \$8**
9. **Taiwan \$7**
10. **South Korea \$7**

Emerging economies

Developed economies

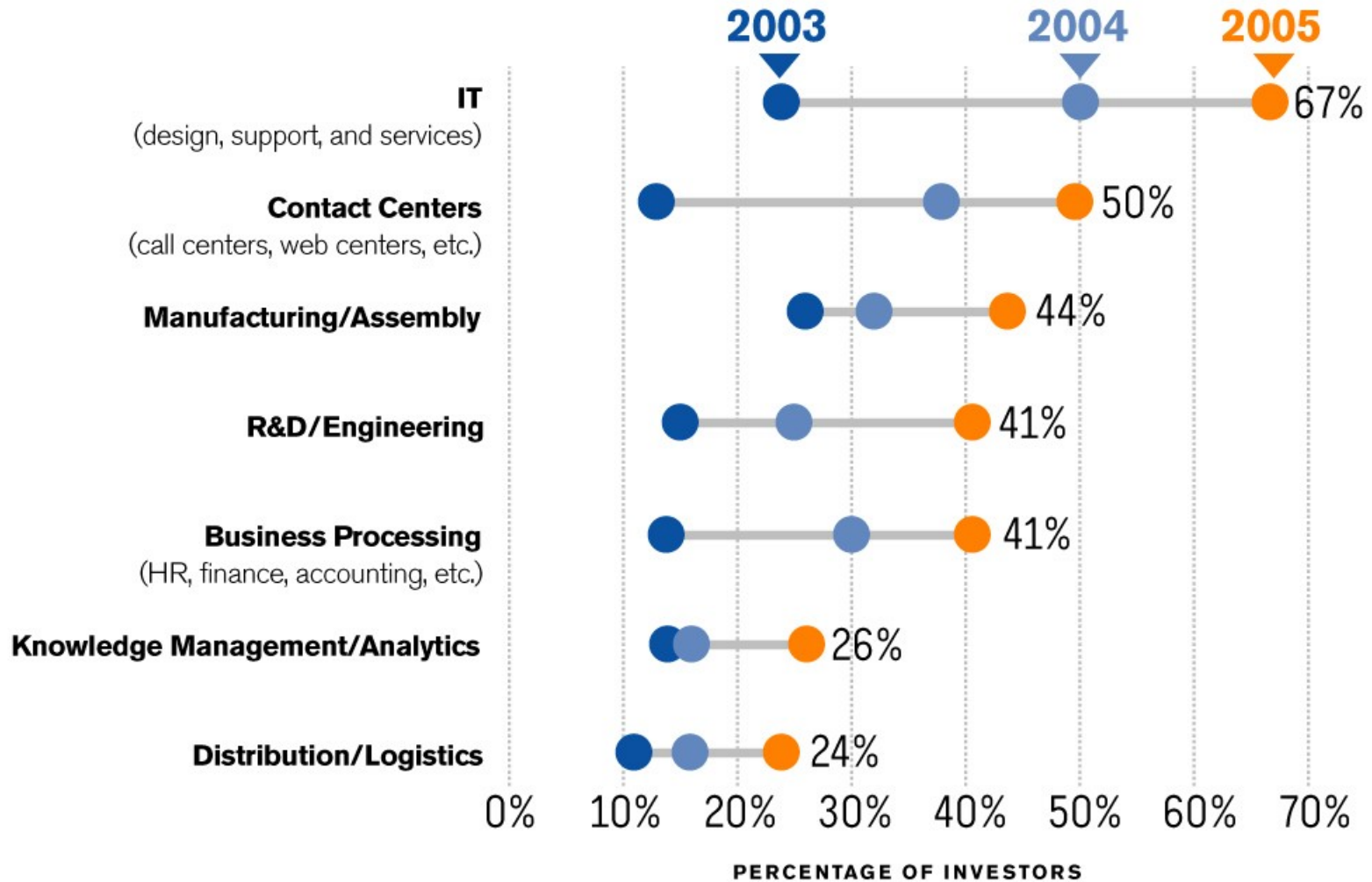
2005

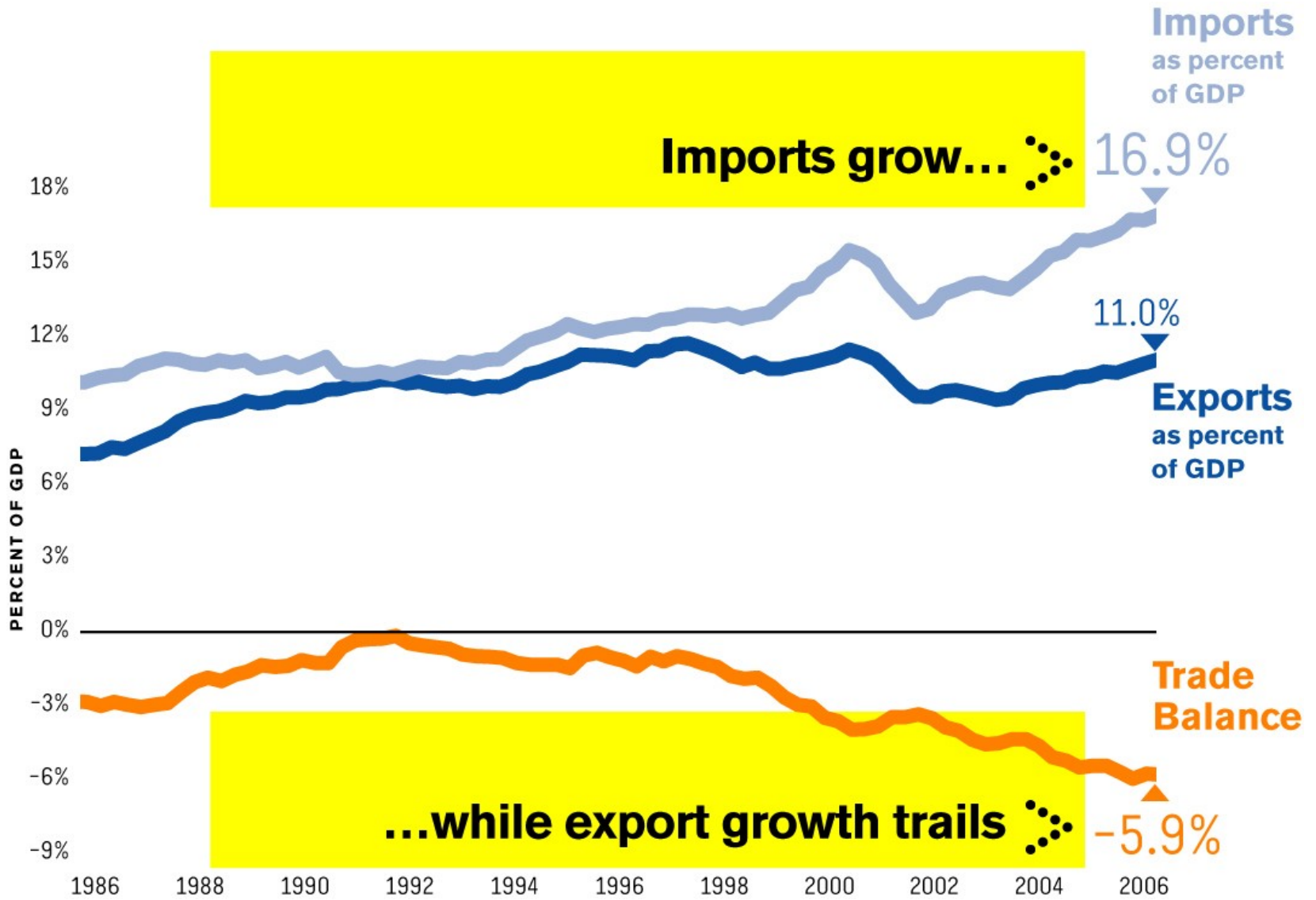
Top Ten High Tech Exporters

Billions of 1997 U.S. Dollars

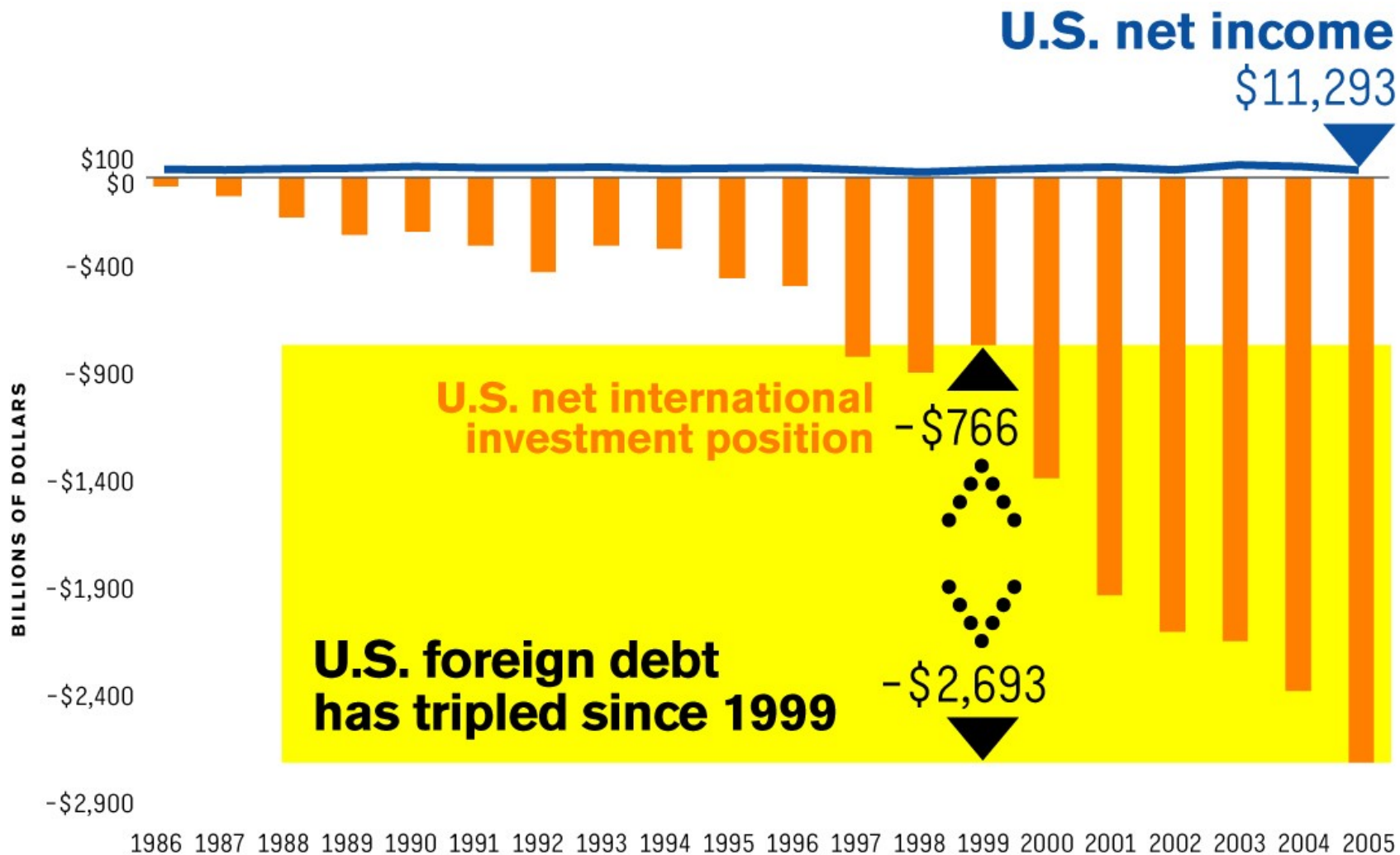
1. **China \$406**
2. **United States \$284**
3. **Japan \$212**
4. **Germany \$183**
5. **South Korea \$167**
6. **Hong Kong \$157**
7. **Taiwan \$145**
8. **Singapore \$126**
9. **Malaysia \$99**
10. **United Kingdom \$95**

Steady increase in offshore investments →



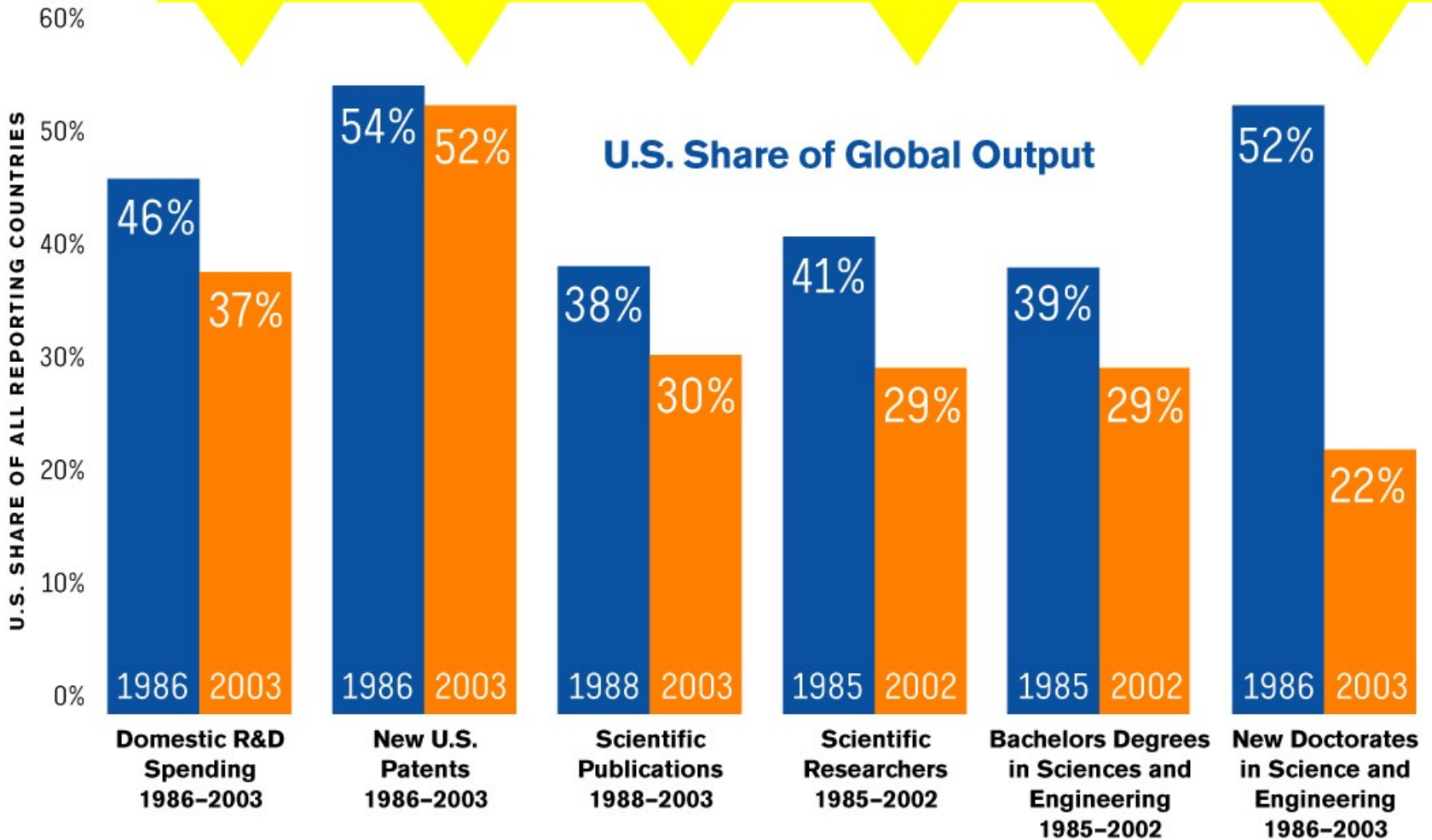


SOURCE: THE COMPETITIVENESS INDEX: WHERE AMERICA STANDS (Council on Competitiveness)

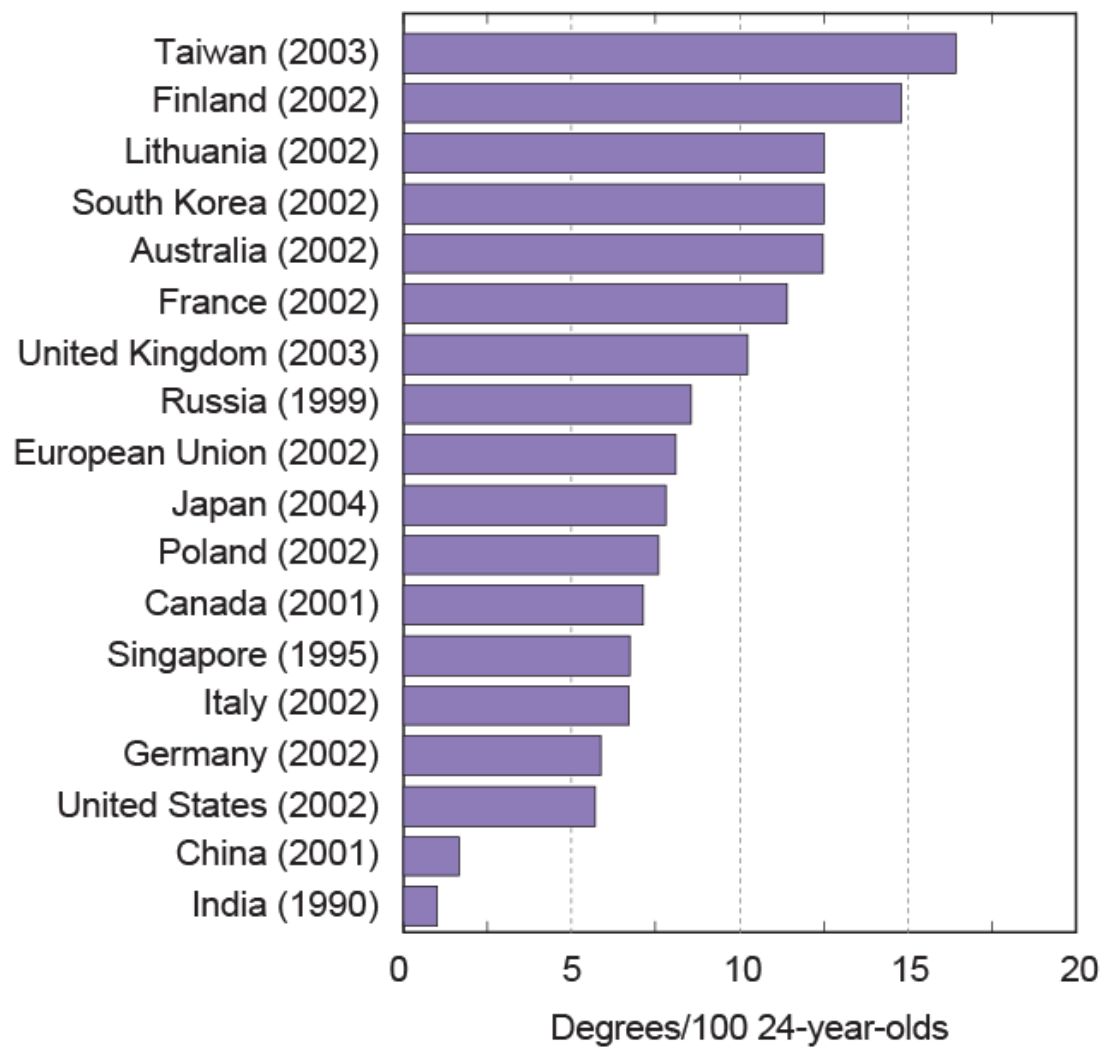


SOURCE: THE COMPETITIVENESS INDEX: WHERE AMERICA STANDS (Council on Competitiveness)

Narrowing lead across all categories

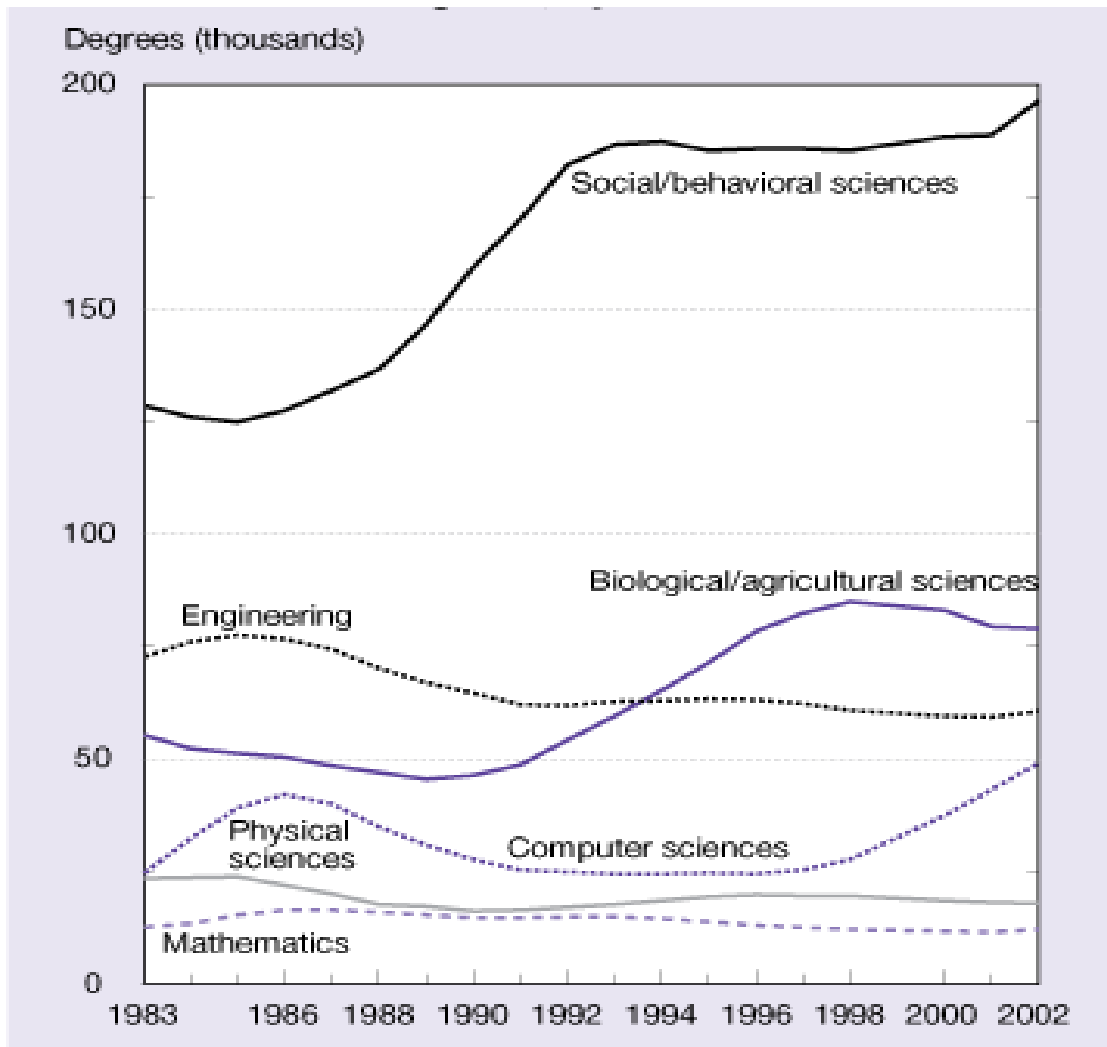


NS&E degrees per 100 24-year olds, most recent year



NS&E = natural sciences and engineering

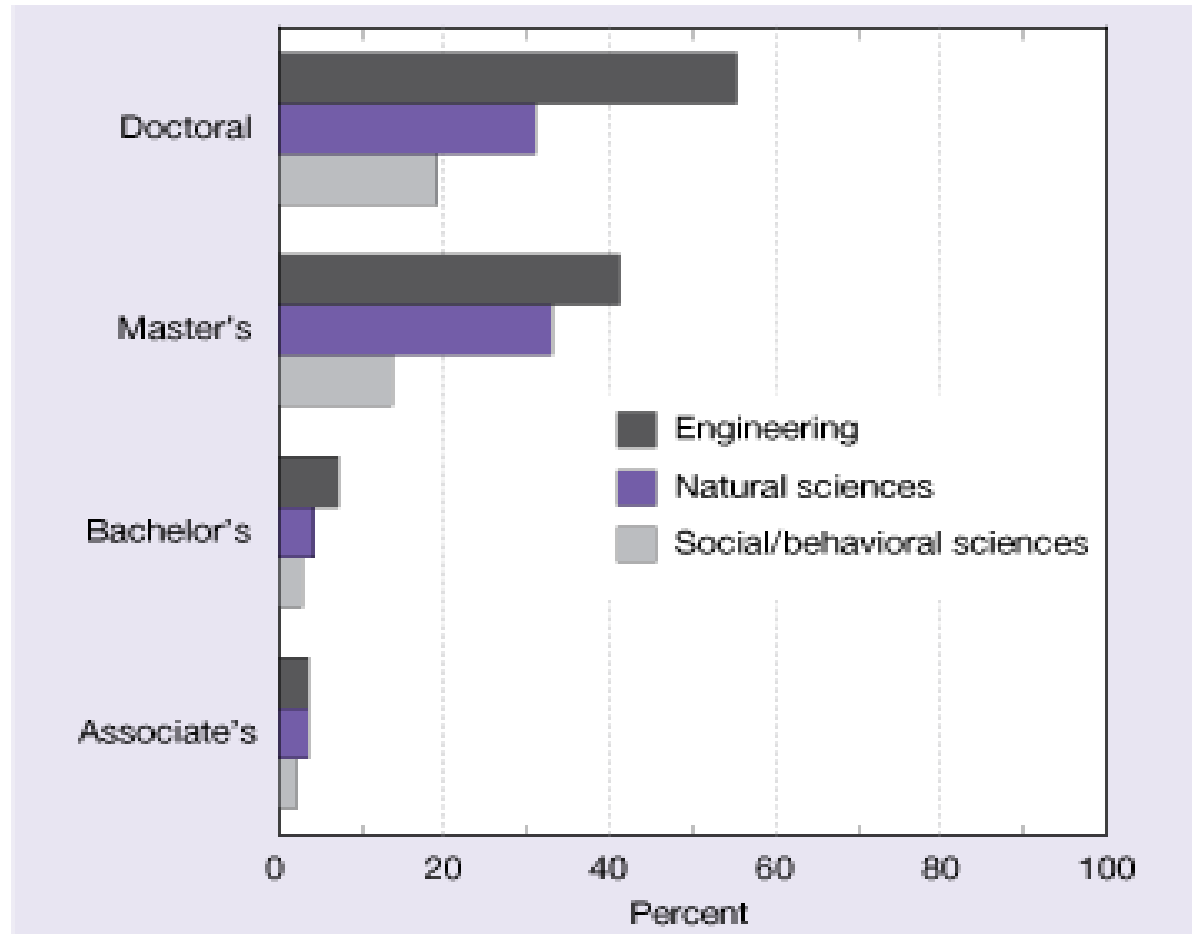
S&E bachelor's degrees, by field: 1983-2002



NOTES: Physical sciences include earth, atmospheric, and ocean sciences. Data not available for 1999.

SOURCES: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary education Data System, Completions Survey; and National Science Foundation, Division of Science Resources Statistics, WebCASPAR database, <http://webcaspar.nsh.gov>.

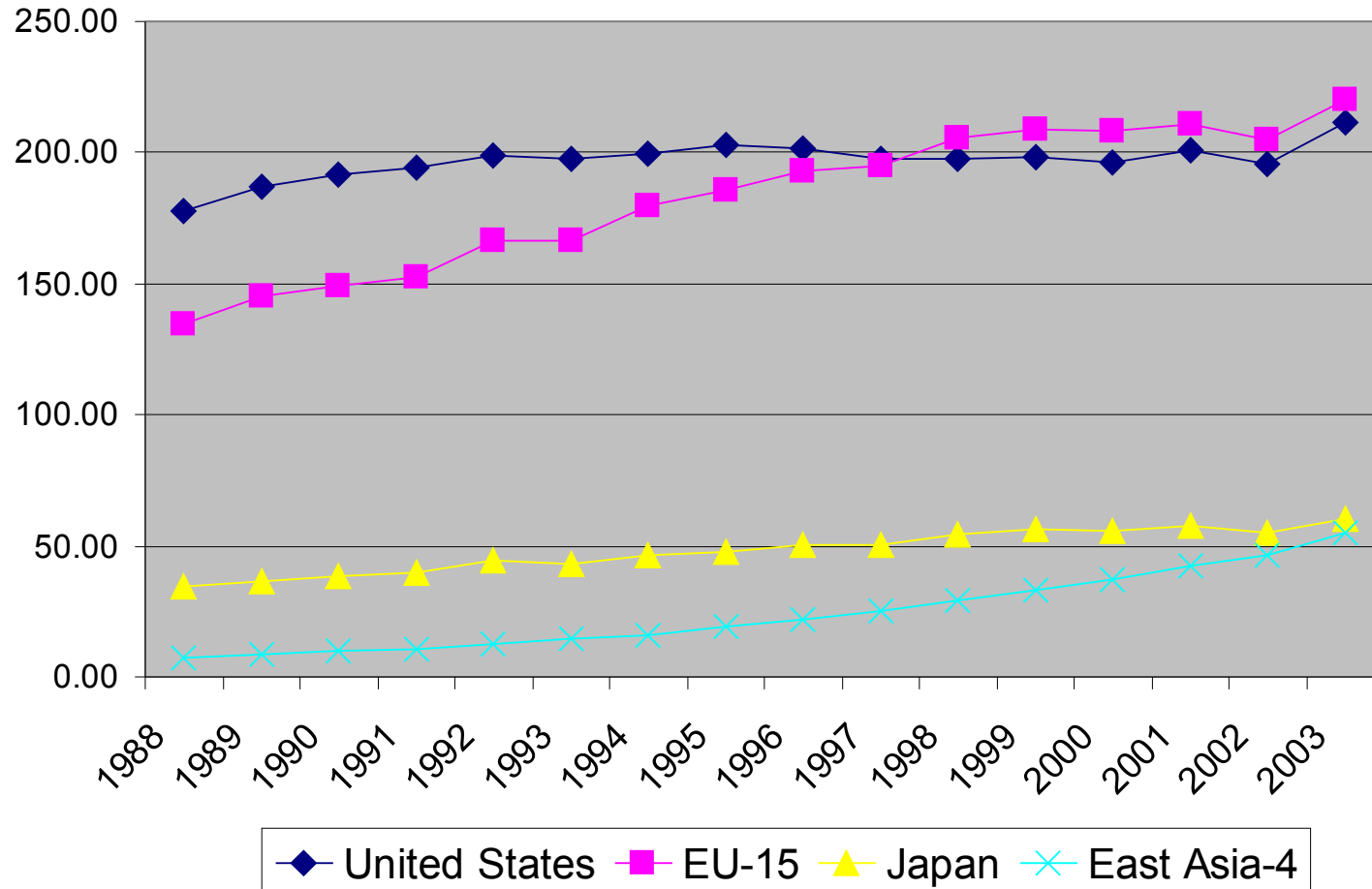
Foreign share of US S&E degrees, by degree and field: 2002 or 2003



NOTES: Doctoral Degree Data are for 2003; other data are for 2002. Foreign includes temporary residents only. Natural sciences include physical, biological, agricultural, computer, earth, atmospheric, and ocean sciences and mathematics.

SOURCES: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary education Data System, Completions Survey; and National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, WebCASPAR database, <http://webcaspar.nsh.gov>.

S&E Publications 1988-2003



East Asia-4 includes China, Singapore, South Korea, and Taiwan. China includes Hong Kong.

SOURCES: Thomson ISI, Science Citation Index and Social Sciences Citation Index, <http://www.isinet.com/products/citation/>; iPLQ, Inc.; and National Science Foundation, Division of Science Resources Statistics, special tabulations.