



Experimental Program to Stimulate Competitive Research

Mississippi EPSCoR State Meeting

April 16, 2009



EPSCoR's Purpose

To build the capacity of educational institutions to participate more fully in NSF research activities.

NSF EPSCoR Jurisdictions



1980

Arkansas
Maine
Montana
South Carolina
West Virginia

2001

Hawaii
New Mexico

2002

U.S. Virgin Islands

1985

Alabama
Kentucky
Nevada
North Dakota
Oklahoma
Puerto Rico
Vermont
Wyoming

2003

Delaware

2004

New Hampshire
Rhode Island
Tennessee

1987

Idaho
Louisiana
Mississippi
South Dakota

2009

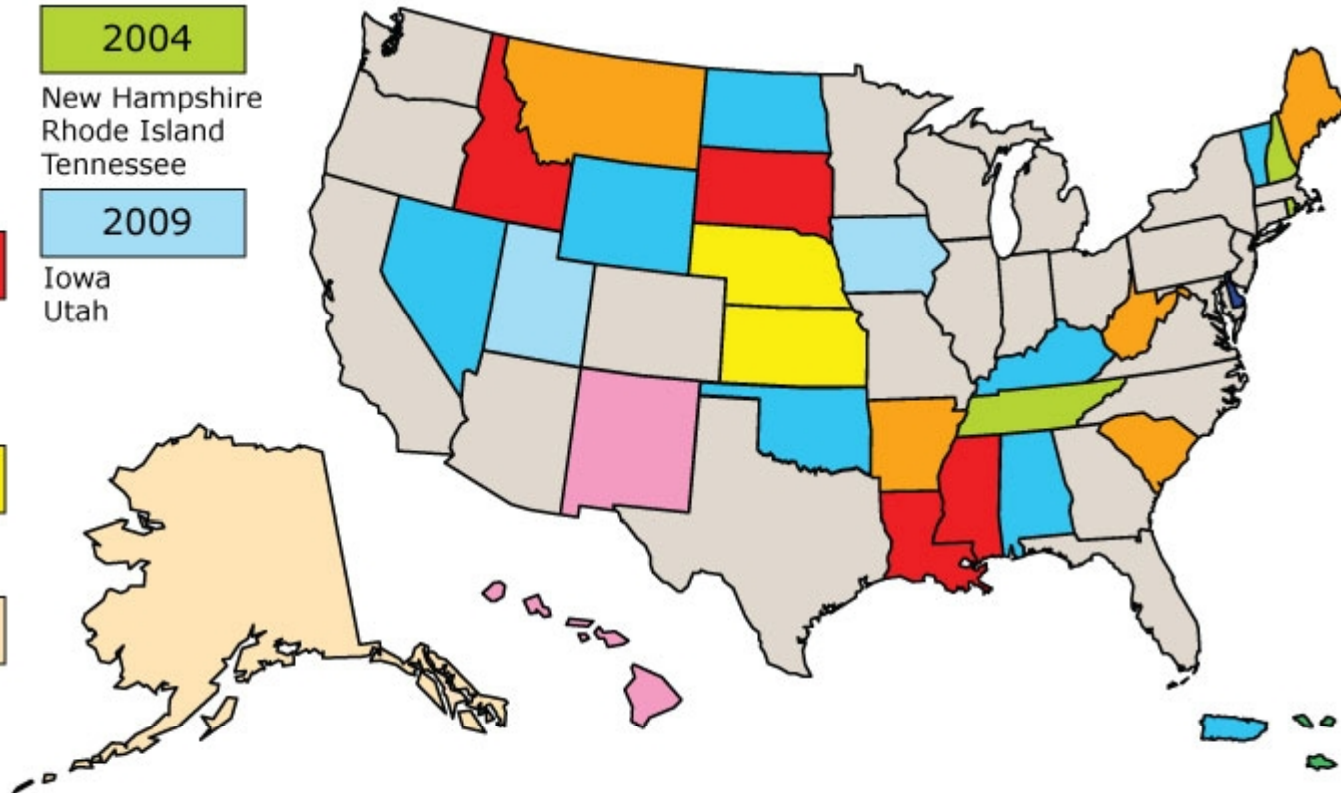
Iowa
Utah

1992

Kansas
Nebraska

2000

Alaska



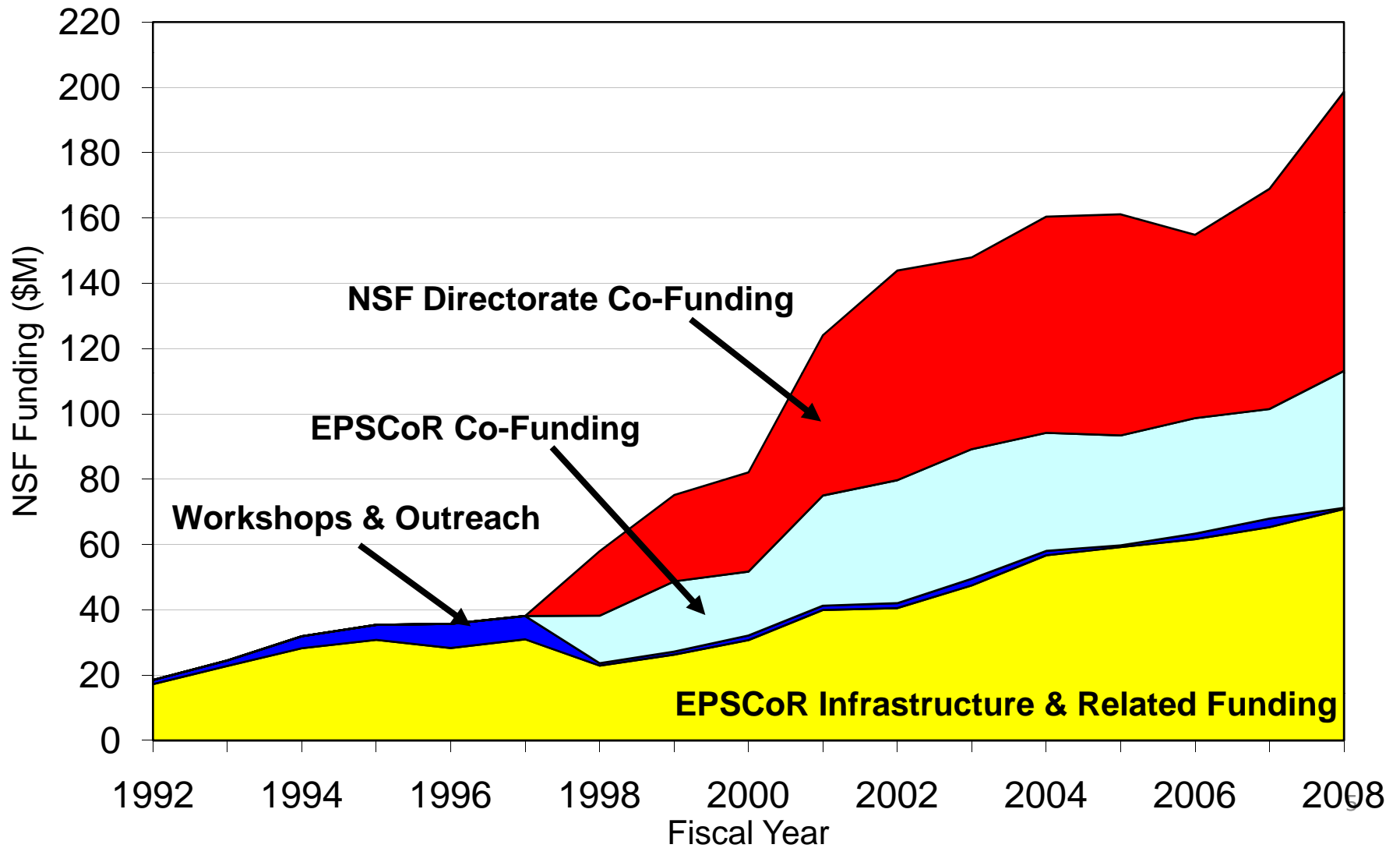


EPSCoR Investment Tools for Capacity Building

- Research Infrastructure Improvement Awards
 - RII Track-1
 - RII Track-2
- Co-Funding
- Outreach and Workshops



EPSCoR Investments Leveraged by Disciplinary Directorates (\$M)





EPSCoR Co-Funding: Mississippi (\$M)

FY	EPSCoR CF	NSF Total	Leverage
1999	1.23	2.42	1.98
2000	1.60	3.16	1.97
2001	1.17	2.14	1.83
2002	2.76	6.86	2.48
2003	2.86	6.16	2.15
2004	2.62	8.10	3.09
2005	2.96	7.86	2.65
2006	1.45	3.20	2.22
2007	1.04	2.29	2.21
2008	2.84	7.57	2.66
FY 99-08	20.53	49.76	2.42



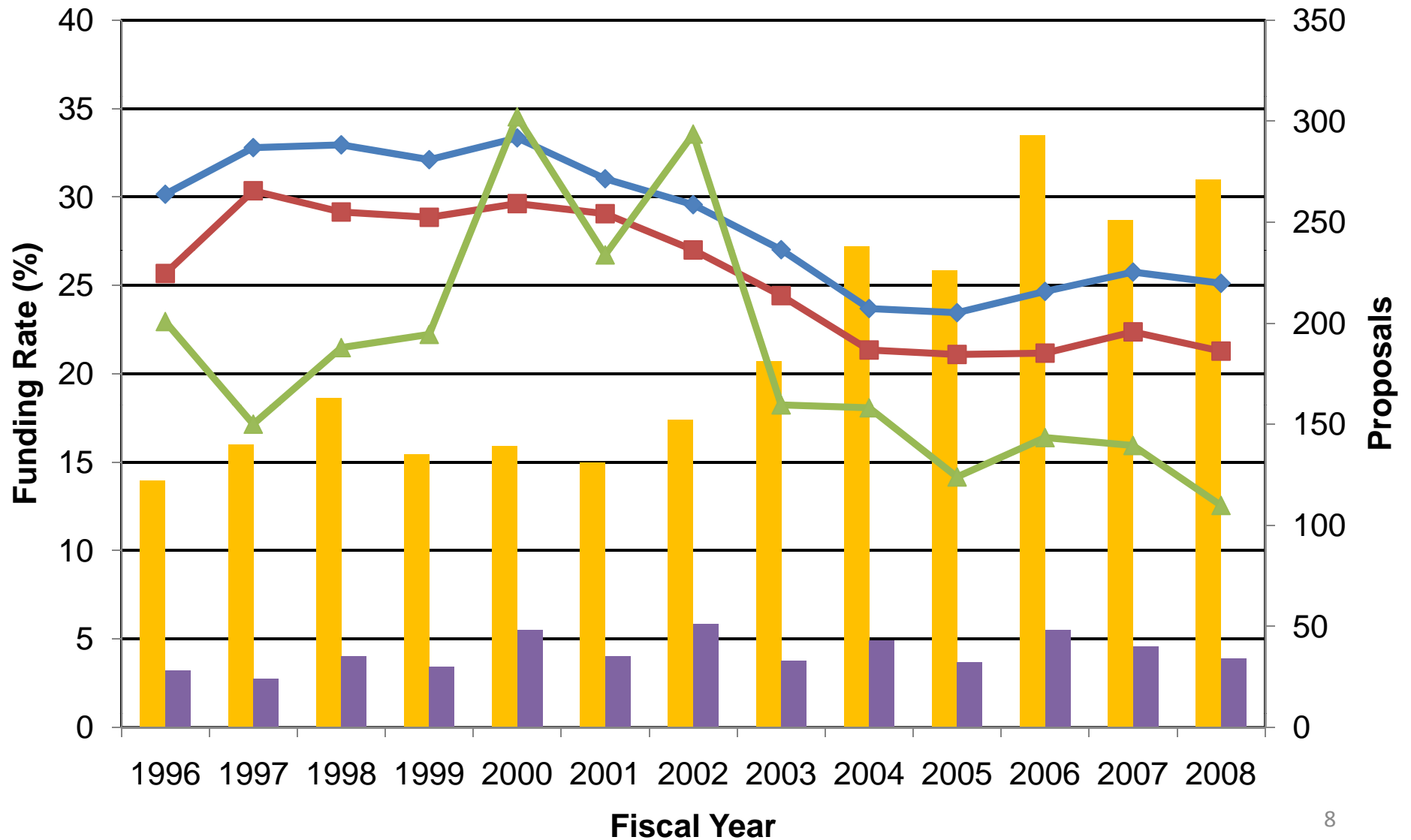
NSF Funding: Mississippi (\$M)

FY	EPS Infr	EPSCoR CF	Total Less EPS	Total NSF
1999	1.00	1.23	17.99	20.22
2000	1.00	1.60	18.55	21.15
2001	1.00	1.17	21.31	23.48
2002	2.00	2.76	13.66	18.42
2003	0.00	2.86	14.91	17.77
2004	2.00	2.62	21.45	26.07
2005	2.00	2.96	14.97	19.93
2006	2.25	1.45	17.85	21.55
2007	2.25	1.04	19.17	22.46
2008	2.25	2.84	19.53	24.62
FY 99-08	15.75	20.53	179.39	215.67



NSF Funding Rate: Mississippi

Funding Rate: ◆ NSF Overall ■ EPSCoR Overall ▲ Mississippi
Proposals: ■ Submitted Proposals ■ Awarded Proposals





Not Much News

- **FY 2009 Budget**
- **Stimulus Funds**
- **RII Competitions**



Mississippi Milestones

• First NSF RII proposal	• MS AGEF
• MS Research Consortium	• Science Diversity Center
• S&T Action Plan	• UMMC Partnership
• Hybrid Plastics Partnership	• AgBase
• LSMAMP	• MSU IMAGE
• HP Computing Collaboratory	• 2YC Engagement
• MVSU Bioinformatics	• Faculty Mentoring
• Blueprint Mississippi	• FY02-FY07 XM Funding 2X
• MS Center for SC Research	• MS f Genomics Network

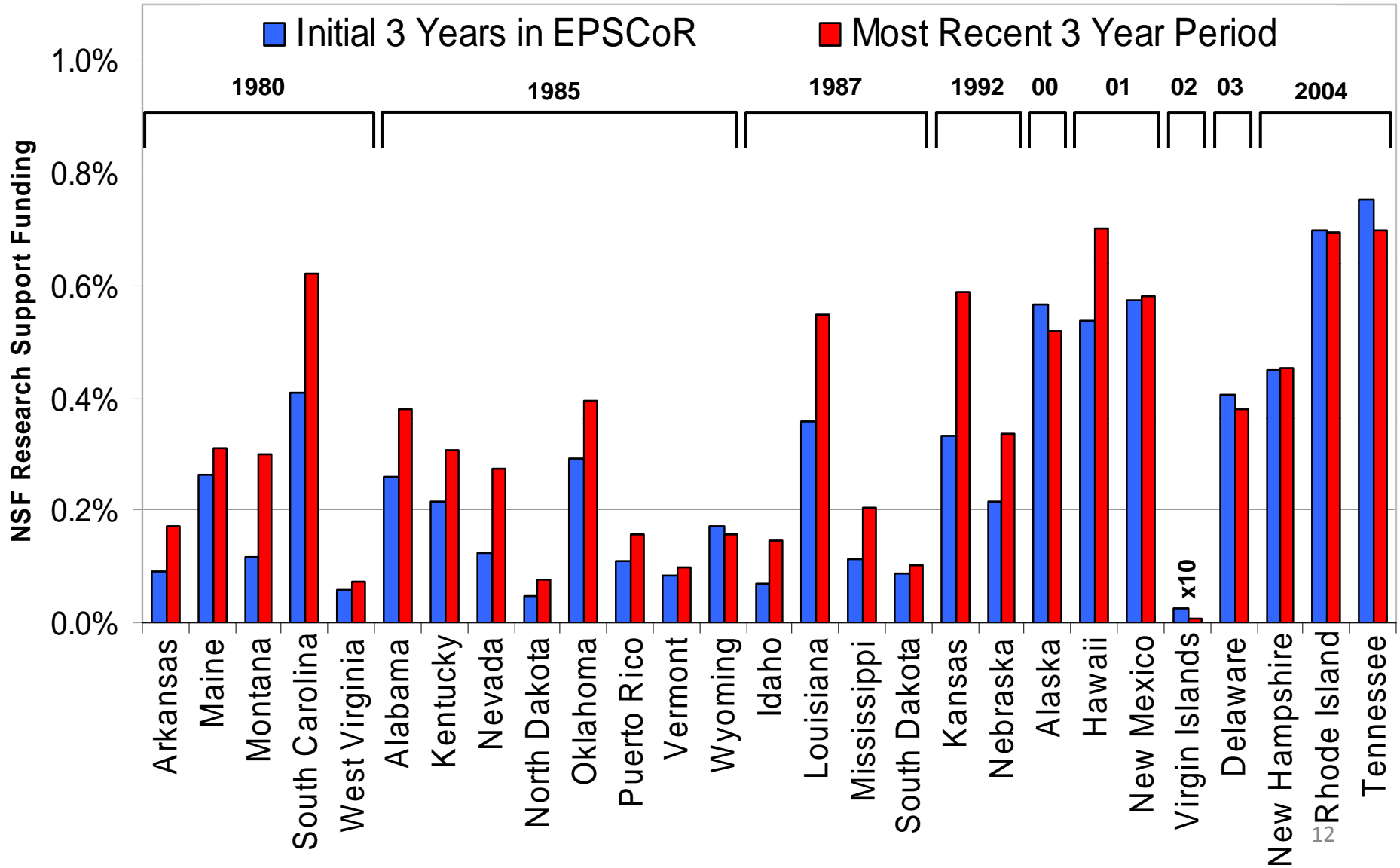


Making It Work: Partnerships for Progress





Are We Headed in the Right Direction?





Skilled Leadership and Appropriate Infrastructure Help Overcome Barriers





Infrastructure

The enabling apparatus of
science and engineering

Which, in turn, facilitates
economic development



The Greatest Threat to American Science and Engineering

The Face of American S&E



Is Not the Face of America

Employing Diversity Effectively



Diversity is not the objective.

It is a means to facilitate our achieving
the critical objective: innovation.

J. DeSimone