

# **Florida's Doctorate Programs in Key Areas of Basic Research**

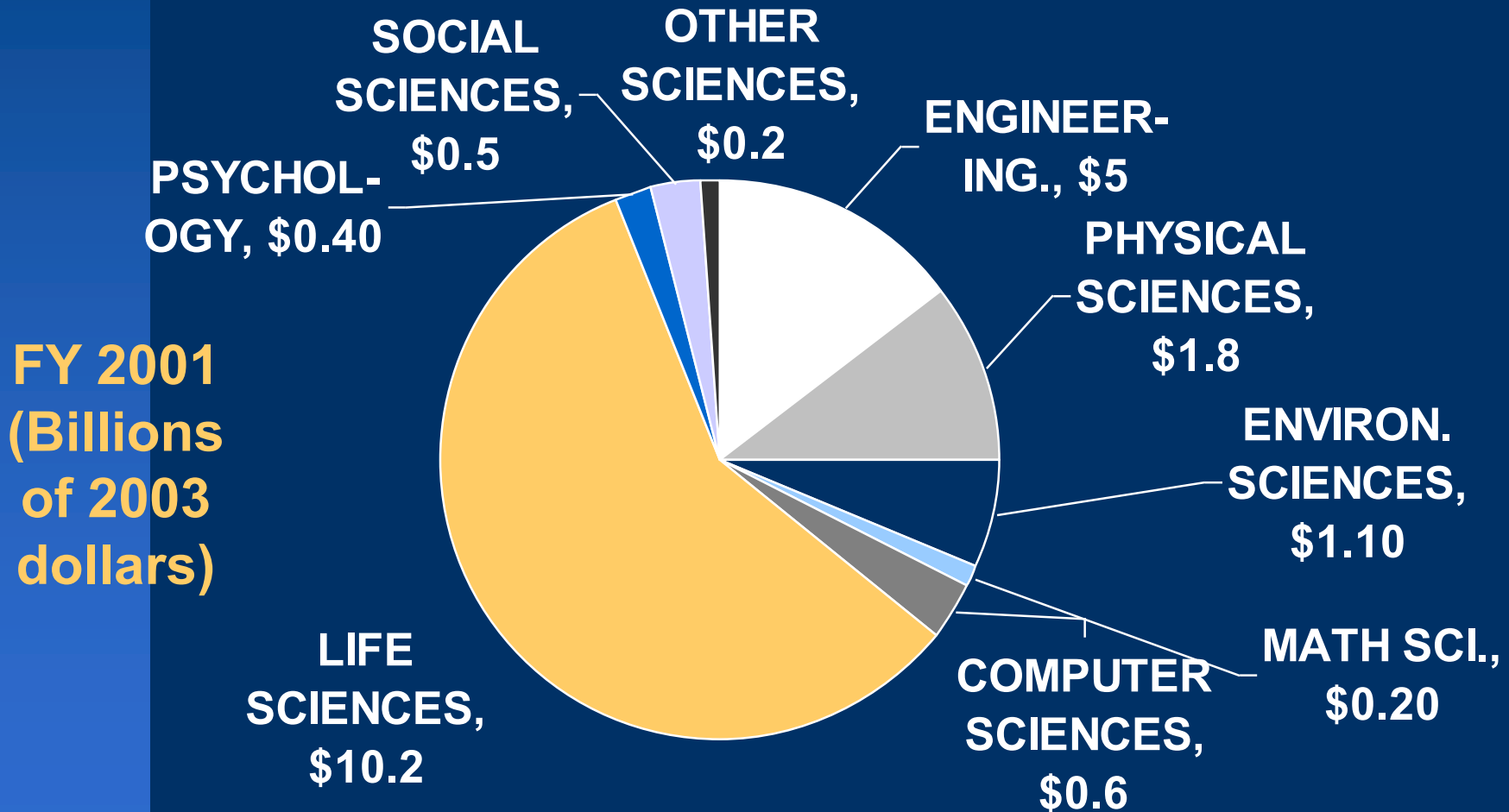
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**Board of Governors Strategic Planning  
Committee**

**Florida A&M University**

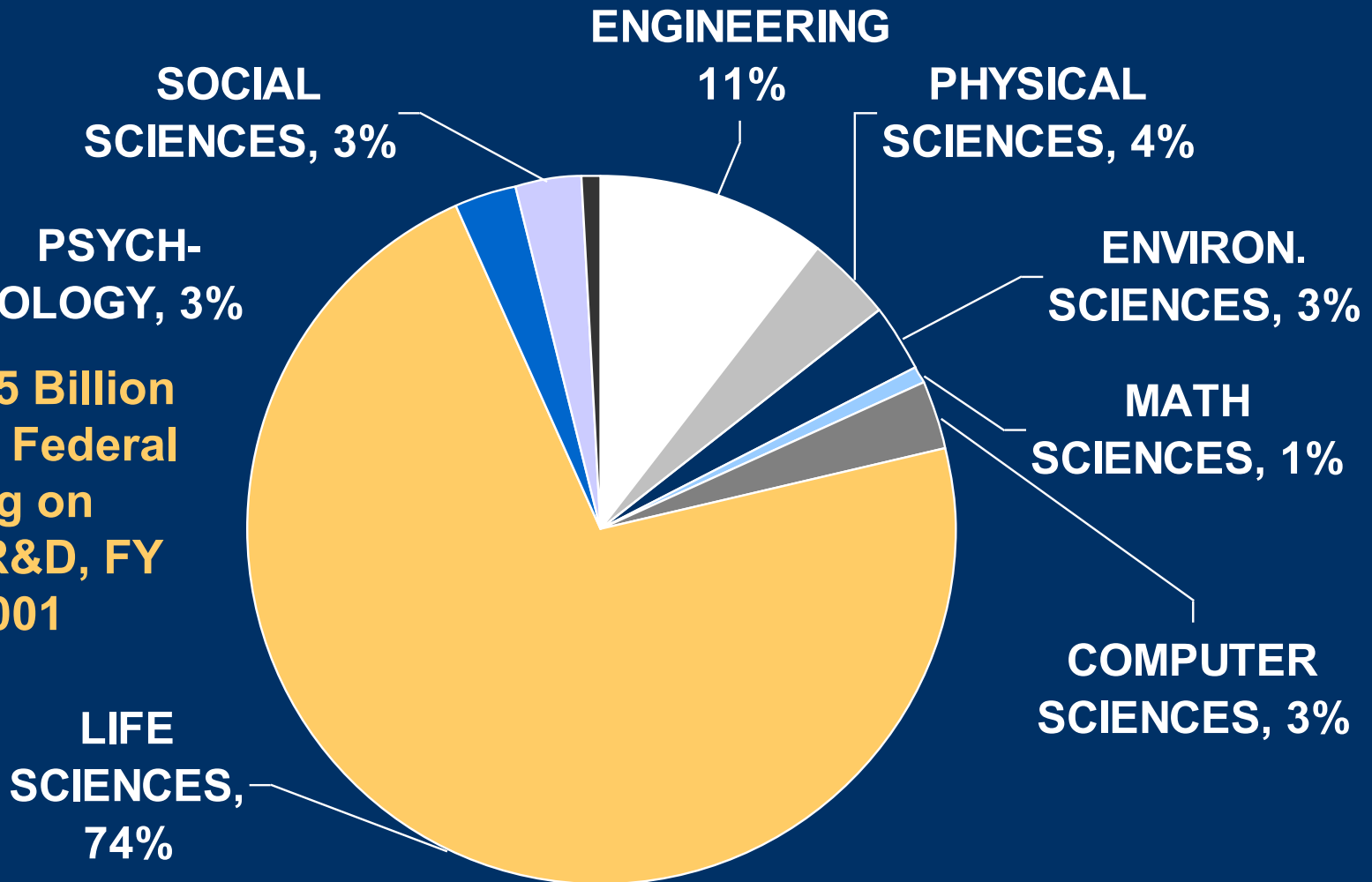
**April 22, 2004**

# Which Areas Account for Most Federal Academic R&D Spending?

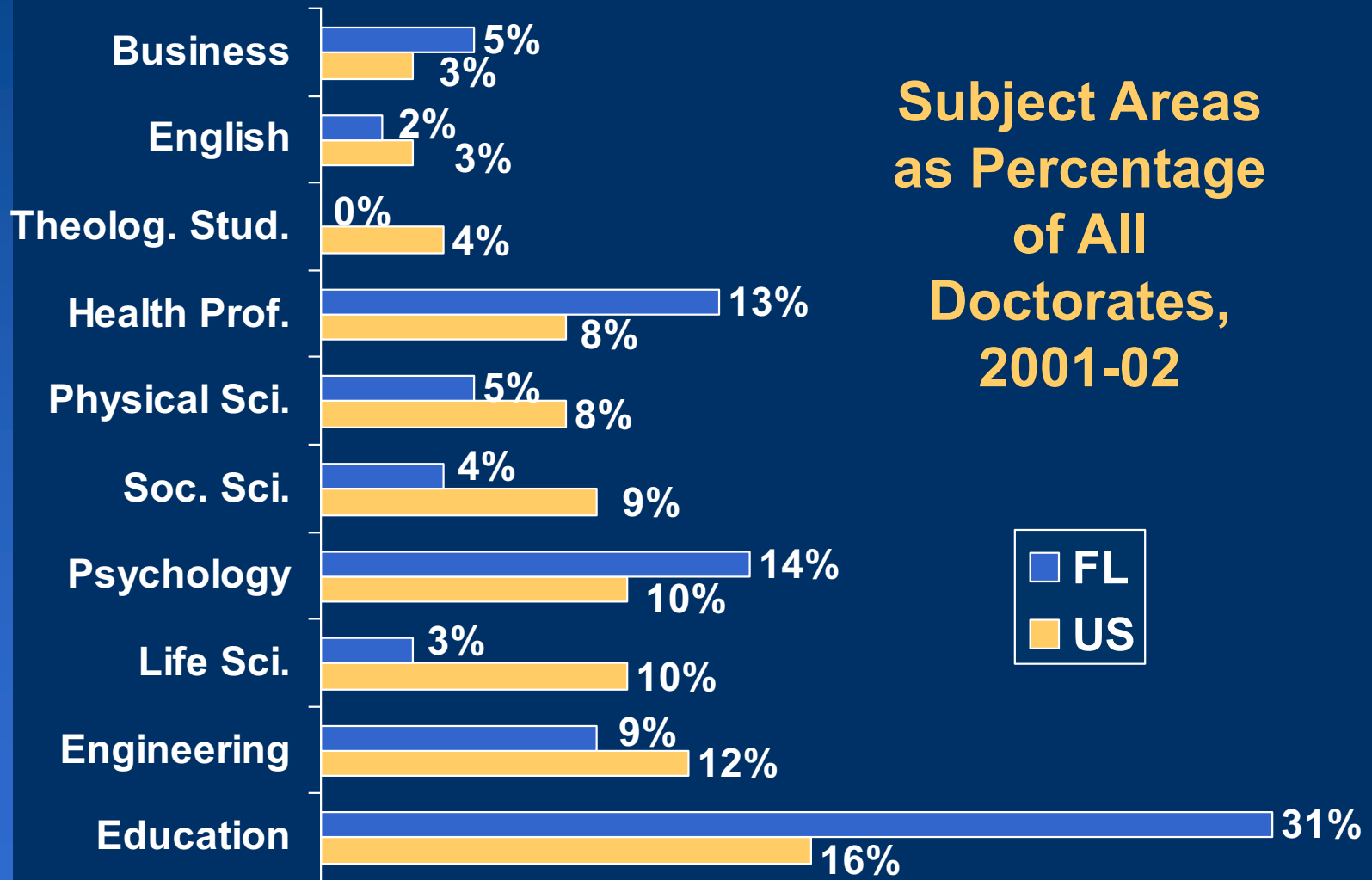


# Which Areas Account for Most Growth in Federal Research Spending?

Share of \$3.5 Billion  
in Growth in Federal  
Spending on  
Academic R&D, FY  
1997-2001

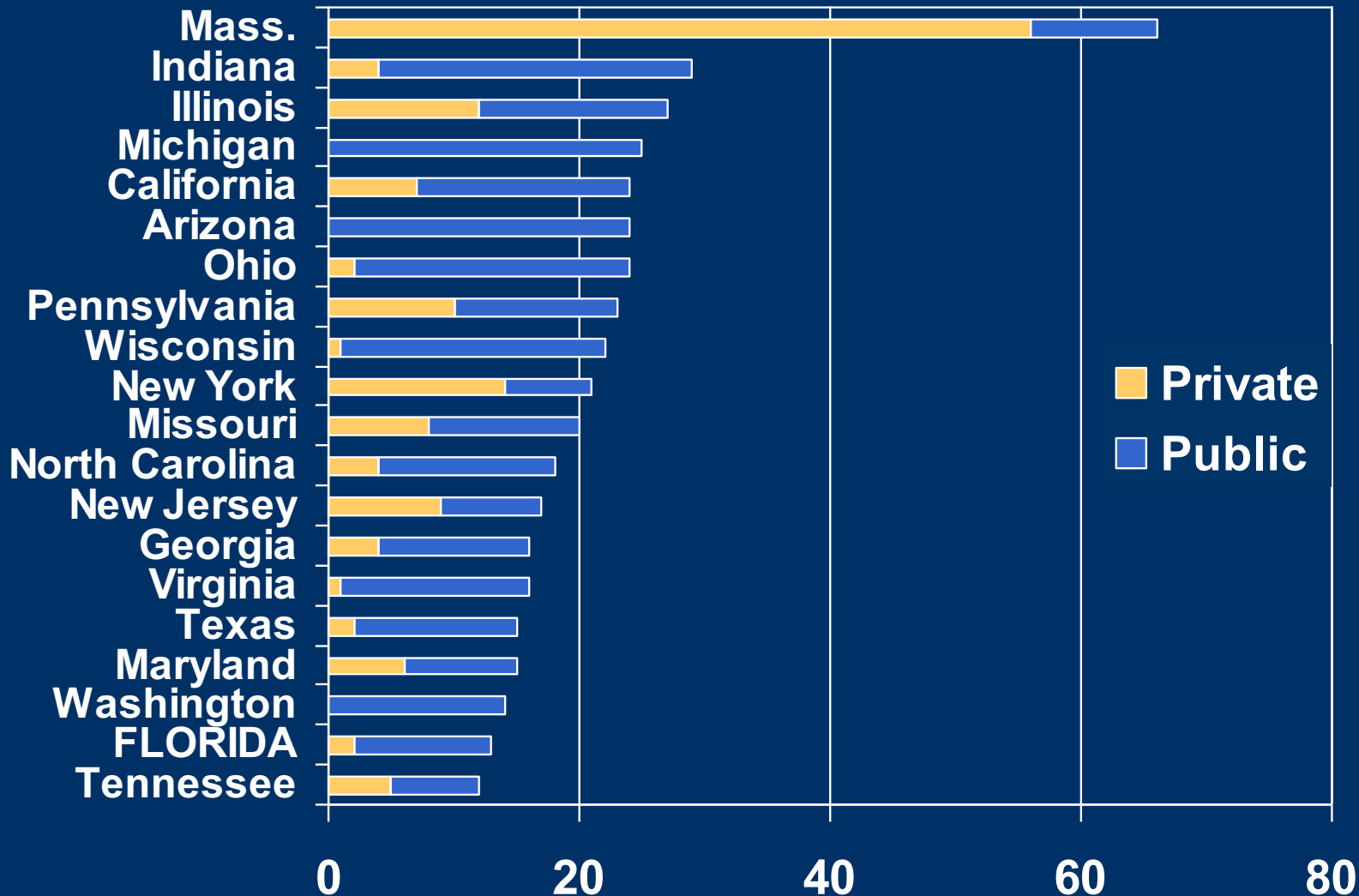


# Which Areas Account for Most of Florida's Doctorates?



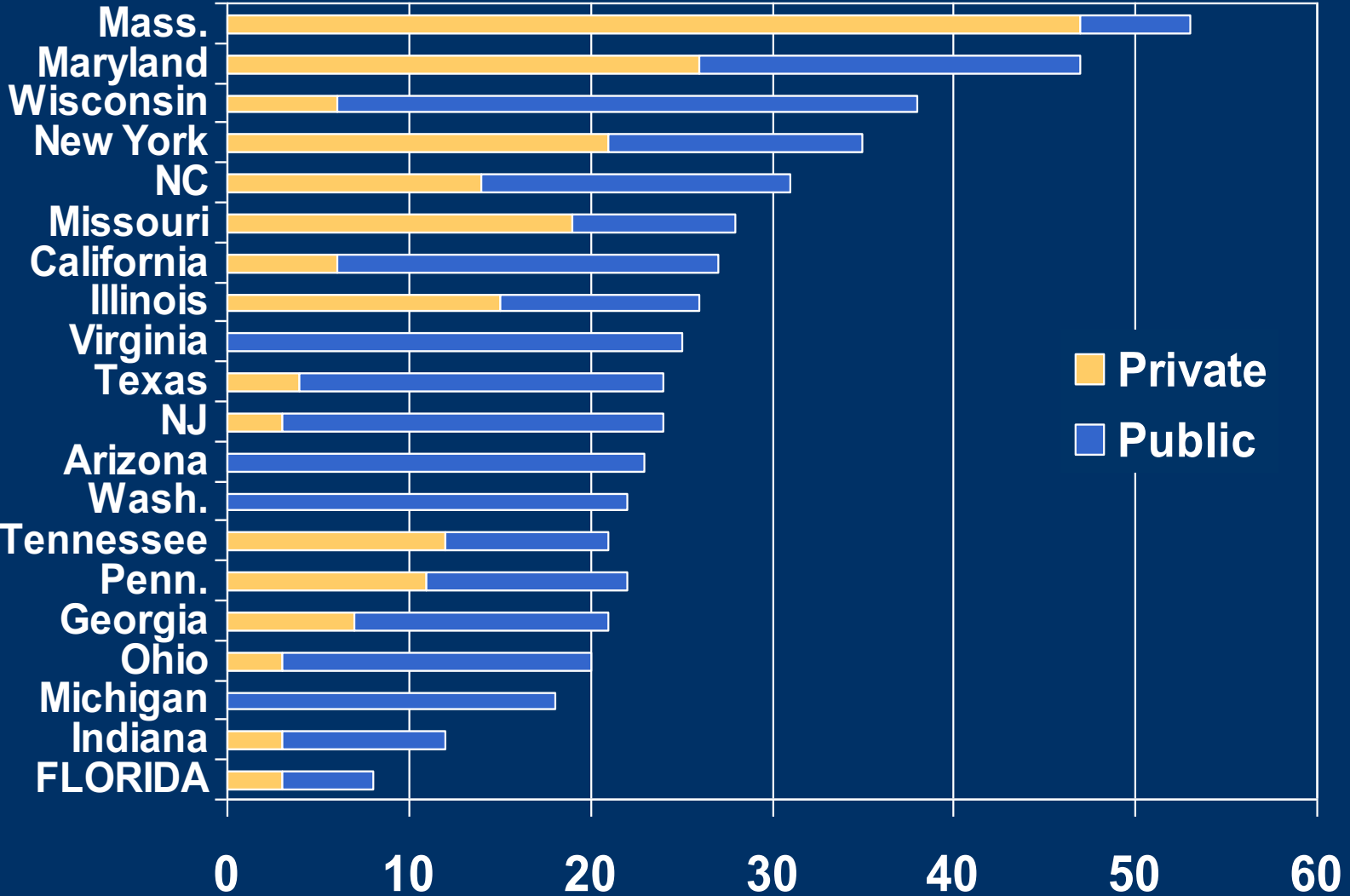
# How Many Physical Science Doctorates do the Twenty Largest States Produce?

Physical  
Science  
Doctorates  
Per Million  
18-64  
Population  
2001-02



# How Many Life Science Doctorates do the Twenty Largest States Produce?

Life  
Science  
Doctorates  
Per Million  
18-64 Pop.,  
2001-02



Data Analysis and Institutional Research, DCU

# How are Florida's Biological Science Graduate Programs Perceived Nationally?

	U.S. News Rank	Peer Assessment Score (1-5)	Institution
	1	4.9	Stanford University (CA)
	2	4.8	Harvard University (MA)
	2	4.8	Massachusetts Institute of Technology
	2	4.8	University of California–Berkeley
<b>2002 US News Survey</b>	5	4.7	California Institute of Technology
	5	4.7	Johns Hopkins University (MD)
	5	4.7	University of California–San Francisco
	8	4.6	Rockefeller University (NY)
	9	4.5	Princeton University (NJ)
	9	4.5	Scripps Research Institute (CA)
	9	4.5	Yale University (CT)
	<b>54</b>	<b>3.3</b>	<b>University of Florida</b>
	<b>75</b>	<b>3.0</b>	<b>University of Miami</b>
	<b>87</b>	<b>2.9</b>	<b>Florida State University</b>

# How are Florida's Chemistry Graduate Programs Perceived Nationally?

	U.S. News Rank	Peer Assess. Score (1-5)	School
<b>2002 US News Survey</b>	1	5	University of California–Berkeley
	2	4.9	California Institute of Technology
	2	4.9	Harvard University (MA)
	2	4.9	Massachusetts Institute of Technology
	5	4.8	Stanford University (CA)
	6	4.5	Scripps Research Institute (CA)
	6	4.5	University of Illinois–Urbana-Champ.
	8	4.4	Columbia University (NY)
	8	4.4	Cornell University (NY)
	8	4.4	University of Wisconsin–Madison
	32	3.5	<b>University of Florida</b>
51	3.1	<b>Florida State University</b>	



# How are Florida's Engineering Graduate Programs Perceived Nationally?

2003 US News Survey	US News Rank	School	Peer Assessment	Recruiter Assessment
	1	Massachusetts Institute of Technology	4.9	4.8
	2	Stanford University (CA)	4.9	4.5
	3	University of California – Berkeley	4.8	4.4
	4	University of Illinois – Urbana-Champaign	4.6	4.3
	5	Georgia Institute of Technology	4.5	4.2
	6	California Institute of Technology	4.8	4.6
	6	University of Southern California (Andrew and Erna Viterbi)	3.5	3.4
	8	Purdue University – West Lafayette (IN)	4.2	4.0
	8	University of Michigan – Ann Arbor	4.6	4.2
10	Cornell University (NY)	4.3	4.1	
26	University of Florida	3.4	3.4	
75	University of Central Florida	2.2	2.6	

# Discussion . . .

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