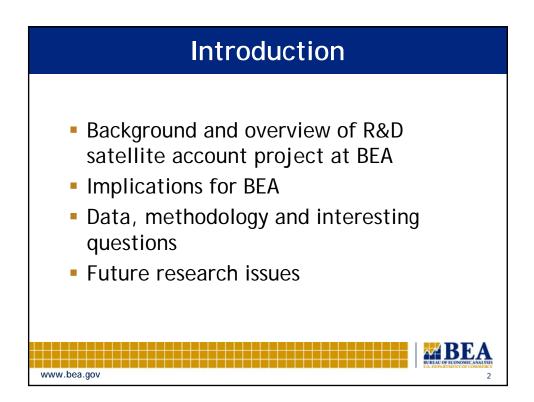
The BEA-NSF R&D Satellite Account:

Overview, Methods, and Issues

Sumiye Okubo and Carol Robbins BEA Advisory Committee Meeting May 19, 2006





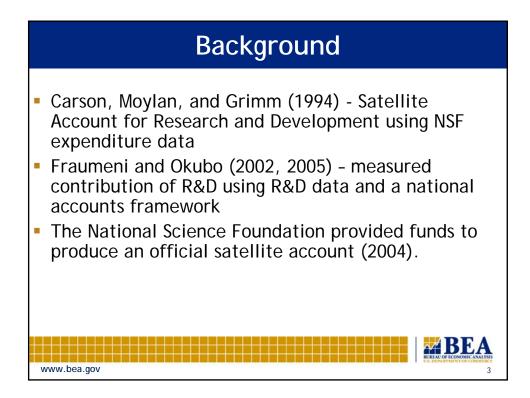
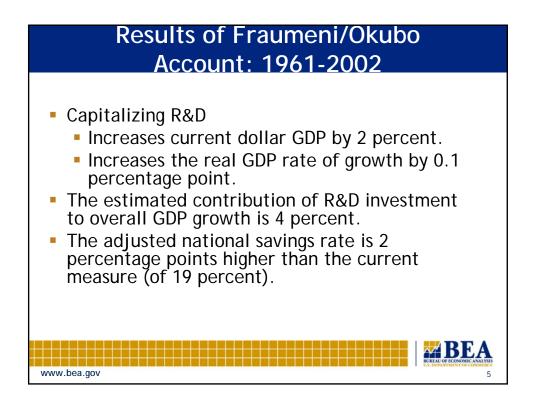
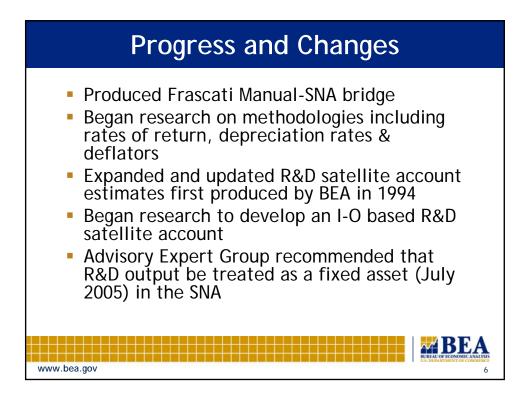


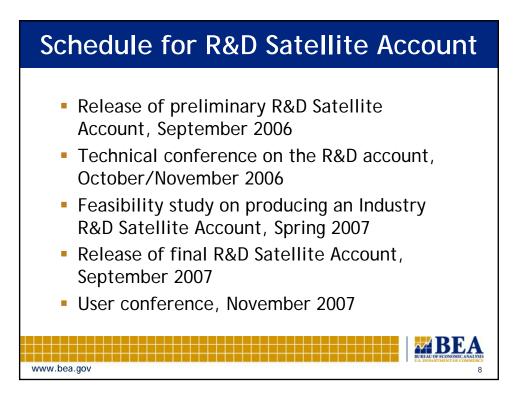
Table 1 – Changes to National Accounts

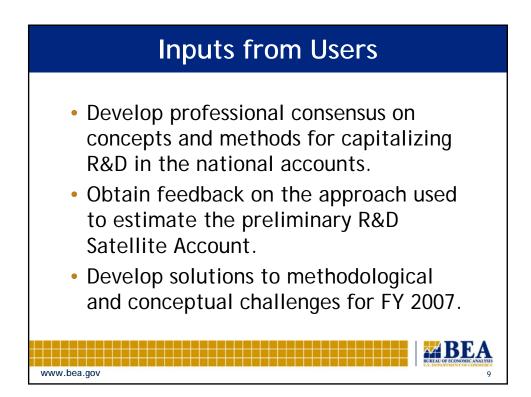
	Gross Domestic Product			Gross Domestic Income	
	Treatment in Current Measure of GDP	Adjusted GDP	Change in Current Measure of GDP	Adjusted GDI	Capitalizing R&D Change in Current Measure GDI
R&D Imputatio	ons, R&D performe	ed by:			
Business	Intermediate input	Reallocate to investment	Increase	Increase in profits and depreciation	Increase
Nonprofit Institutions	Consumption (PCE)	 Reallocate to investment Increase consumption = Returns to R&D capital 	No change Increase	Increase in returns to R&D capital	Increase
General Government	Government consumption	1) Reallocation to investment 2) Increase consumption = Returns to R&D capital	No change Increase	Increase in returns to R&D capital	Increase
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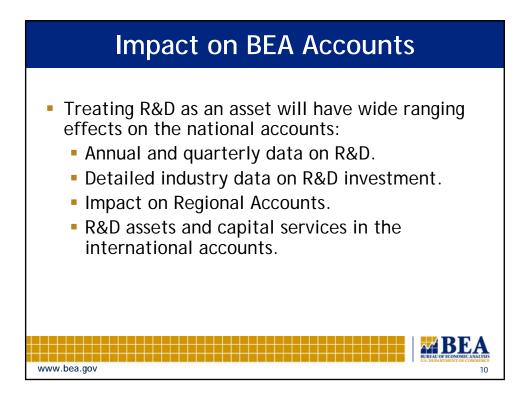


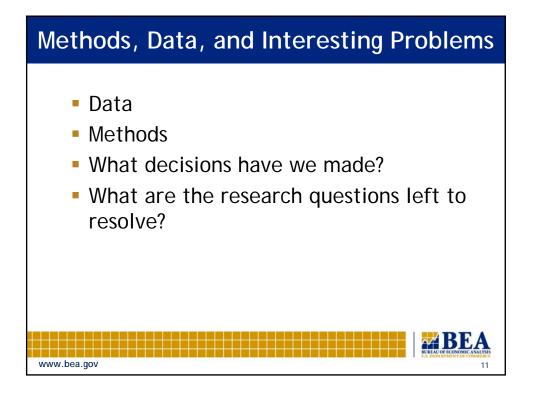












R&D receipts in the 2002 Economic Census				
 NAICS 5417 Scientific Research an Development Services Product line receipts \$64.4 billion d R&D in physical and engineering science R&D in the life sciences 	ollars			
 R&D in the social sciences Contributions, gifts, grants (Gov) Contributions, gifts, grants (Private) Management and consulting services, t engineering services, other 	\$ 3.1 \$ 4.7 \$ 2.4			
www.bea.gov				



Funded and Performed by Industry	\$175.3			
- I unueu anu renormeu by muustry	φ170.0			
Funded by Federal Government	\$80.5			
Performed by Federal Government	\$23.8			
Performed by Industry	\$17.1			
Performed by Academic Institutions	\$22.1			
Performed by NPs and FFRDCS	\$17.6			
Funded and Performed by others	\$20.6			
 Total 	\$276.4			
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