



2008 SNA: Research and Development

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Change in treatment



- The present 1993 SNA treats expenditures on R&D as IC, not investment
- ❖ The recommendation on R&D adopted
 - ✓ Treat R&D expenditure as GFCF in 2008 SNA
 - ✓ Difficulties are to be overcome in order to implement
- ✓ Related issue: patented entities no longer as assets



Impact on GDP

- ❖ Impact of R&D capitalization on GDP will vary from country to country
- ❖ OECD estimated that:
 - ✓ On average GDP would probably increase of about 2%
 - ✓ But with little impact on the growth rate

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R & D in 2008 SNA

New text (§ 6.207, Chapter 10 Capital account)

- Concerning R&D:
 - ✓ Definition based on Frascati Manual
 - ✓ Value determined in terms of economic benefits R&D is expected to provide
 - ✓ By convention is valued as sum of costs
- Concerning patents:
 - ✓ Patent is not an asset but legal agreement about terms of access to R&D

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Implementation

- Implications for new data collections
 - ✓ R&D surveys to be changed to serve the NA
 - ✓ Improve estimates of trade of R&D services
 - ✓ Service lives of R&D assets
 - ✓ Derive price indices for R&D assists
 - ✓ Quarterly estimates
- OECD handbook on compiling estimates of intellectual property products