

# O BRASIL A PARTIR DA COVID-19

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Presidente, Academia Brasileira de Ciências

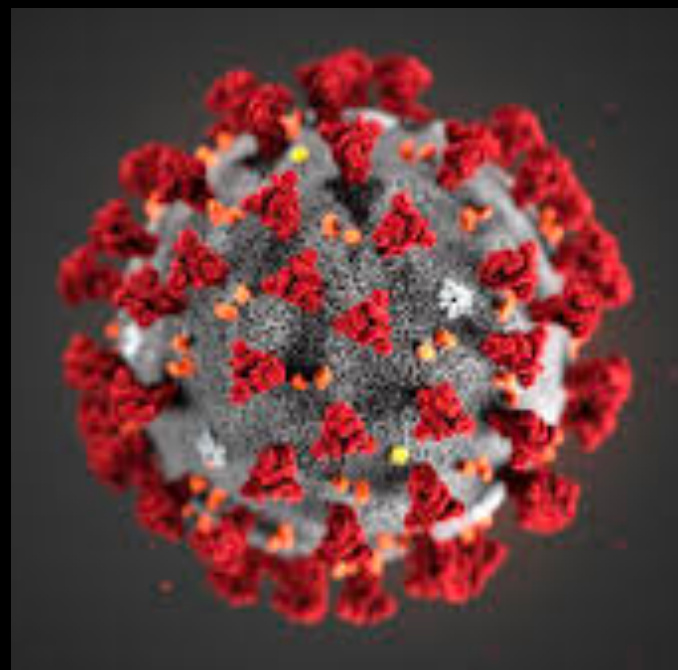
# Pós-guerra: apoio à ciência



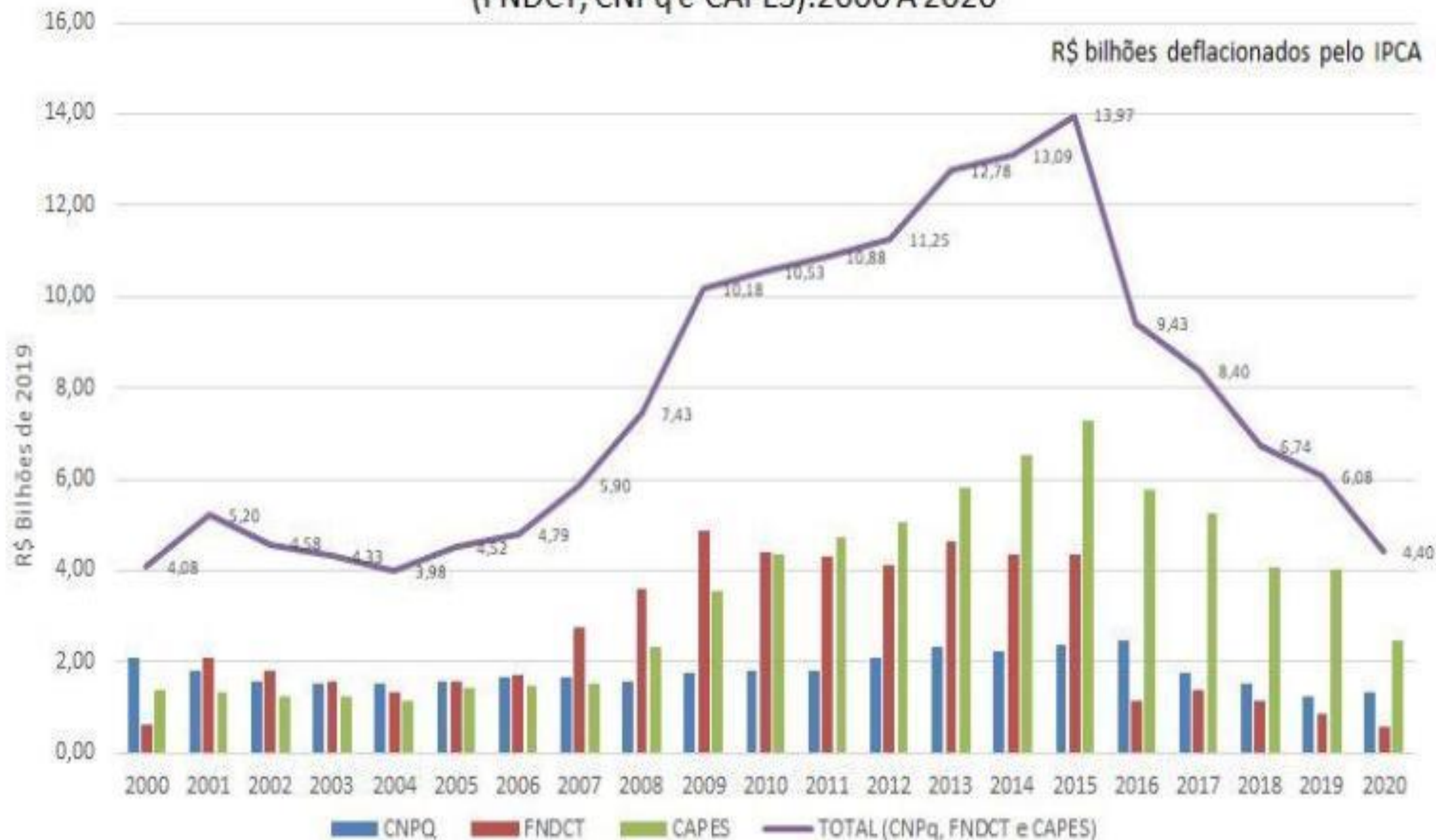
# Pós-guerra: apoio à ciência



# Pós-pandemia?



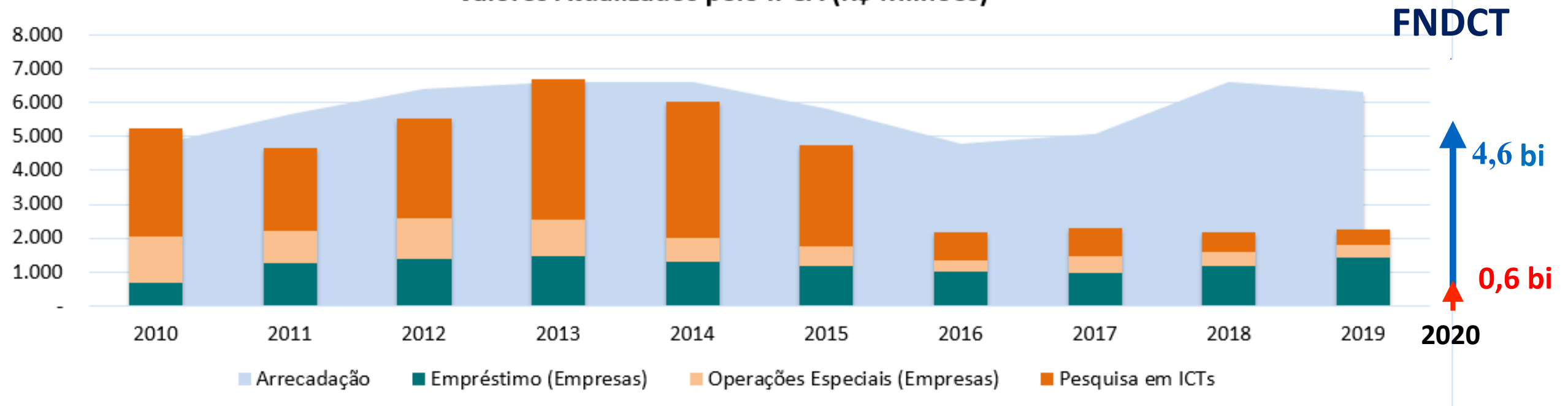
## Orçamento dos principais fundos de apoio à pesquisa científica e tecnológica no Brasil (FNDCT, CNPq e CAPES): 2000 A 2020



# URGENTE: RECUPERAÇÃO DO FNDCT

## FNDCT – Recursos para Pesquisa e Inovação

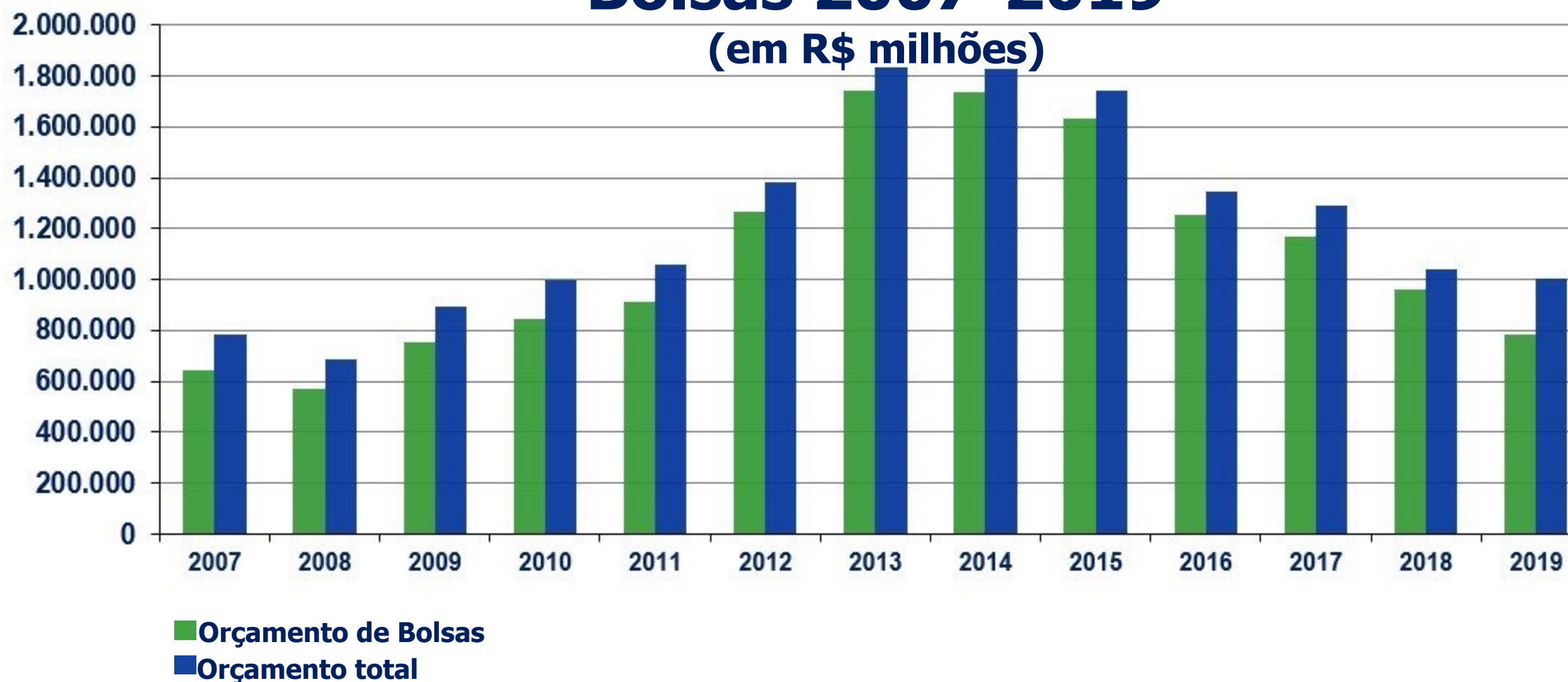
Orçamento Aprovado UO24901 e UO74910 - 2010 a 2019  
Valores Atualizados pelo IPCA (R\$ Milhões)



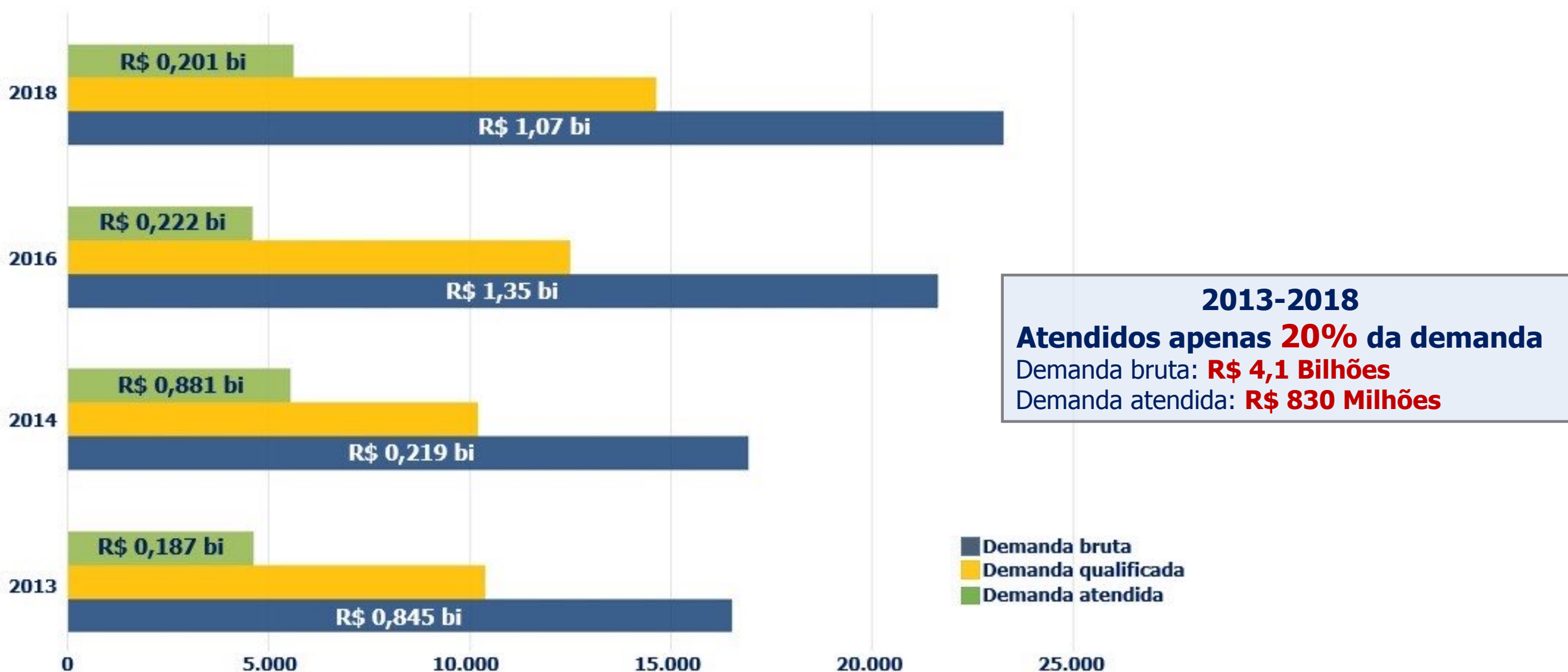
Cerca de 25 bilhões de reais contingenciados entre 2006 e 2020

# CNPq — Orçamento Total x Orçamento de Bolsas 2007-2019

(em R\$ milhões)



# Edital Universal: demanda bruta x demanda atendida de 2013 a 2018 (# de projetos e valores)





**Chamada destinará **R\$ 50 milhões****  
**para pesquisas sobre coronavírus**

**Submissões até 27 de Abril**



MINISTÉRIO DA  
CIÊNCIA, TECNOLOGIA,  
INOVAÇÕES E COMUNICAÇÕES

MINISTÉRIO DA  
SAÚDE



**DEMANDA TOTAL: 1,7 BILHÕES DE REAIS**  
**DEMANDA "QUALIFICADA"(PELA URGÊNCIA):**  
**600 MILHÕES DE REAIS**

**Gráfico 3 • Valor agregado pela indústria de transformação no PIB (%) – 1965-2015 – países selecionados**

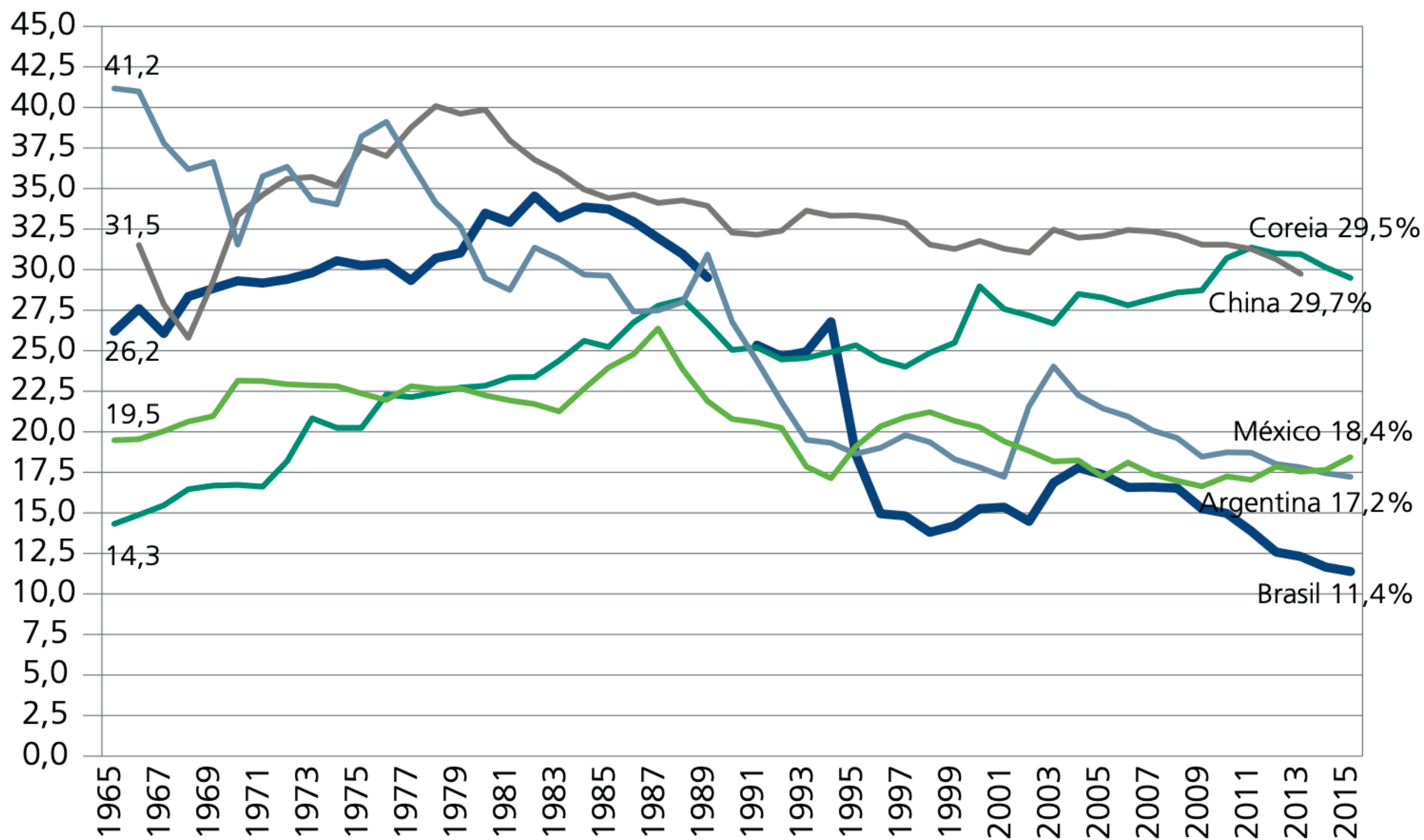
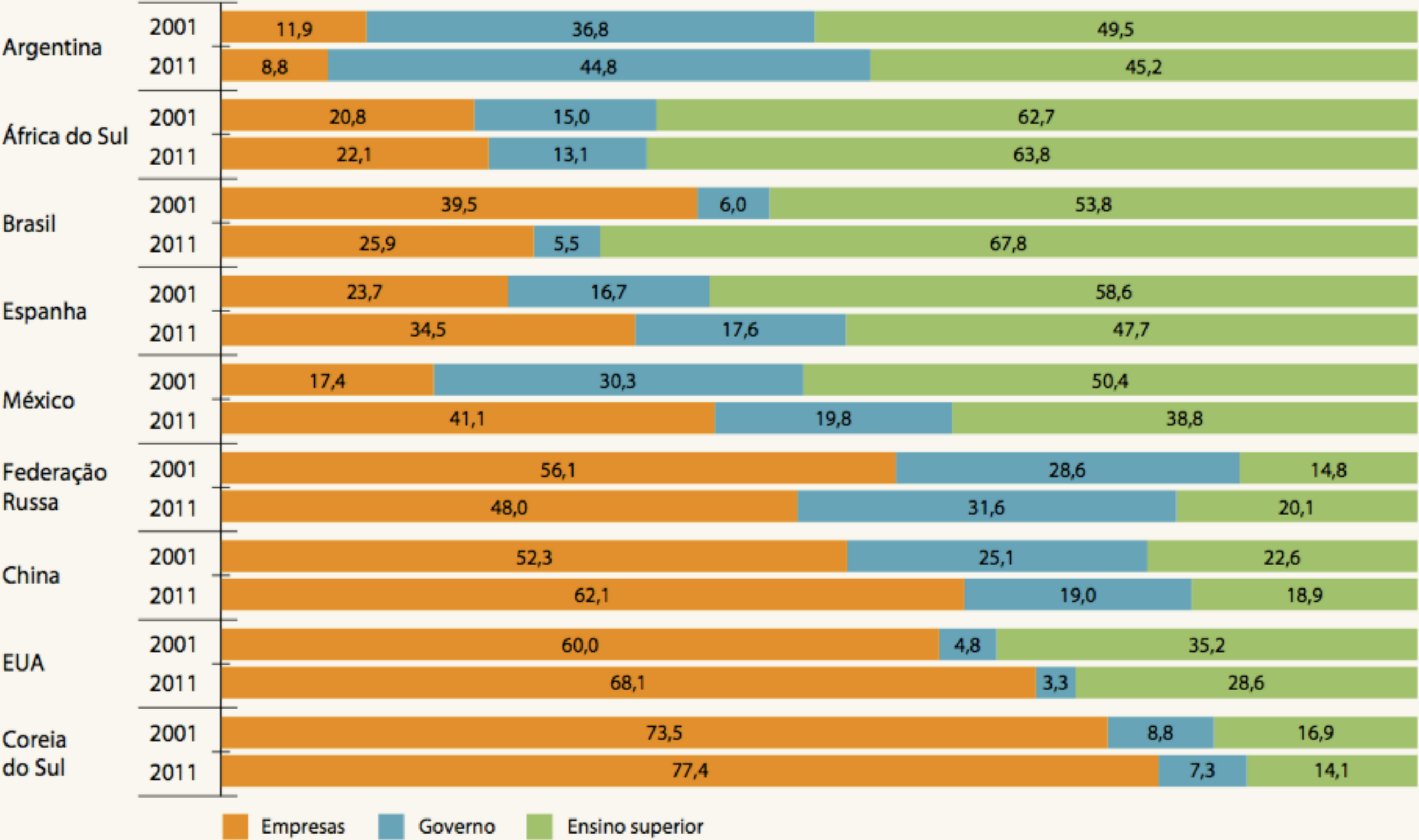
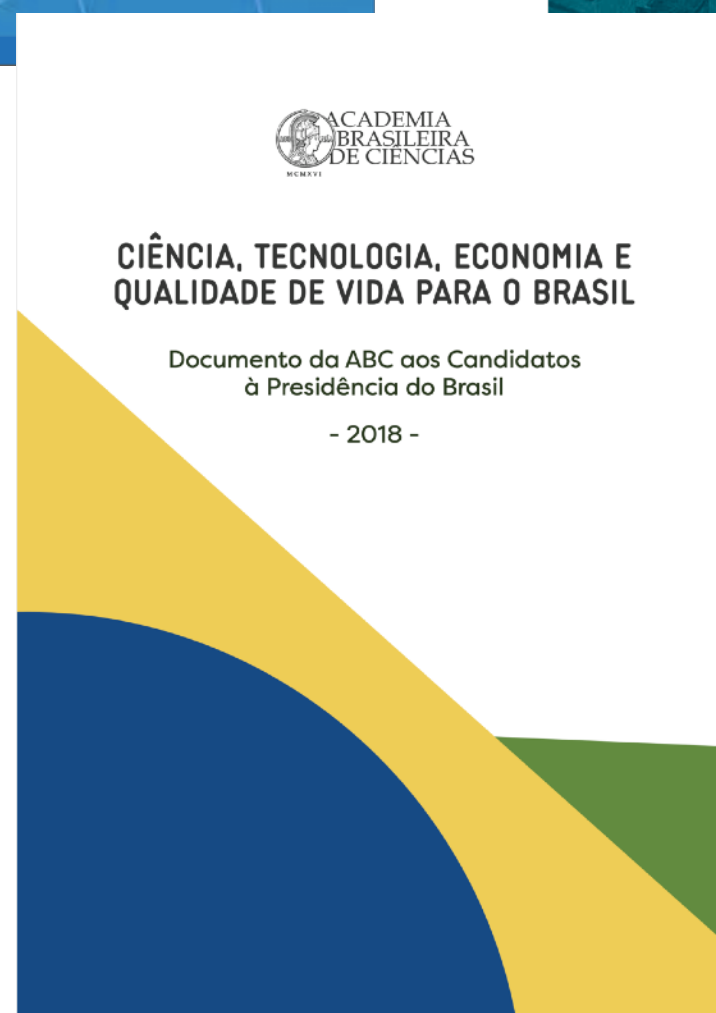


Figura 8.6: Pesquisadores FTE no Brasil por setor, 2001 e 2011 (%)

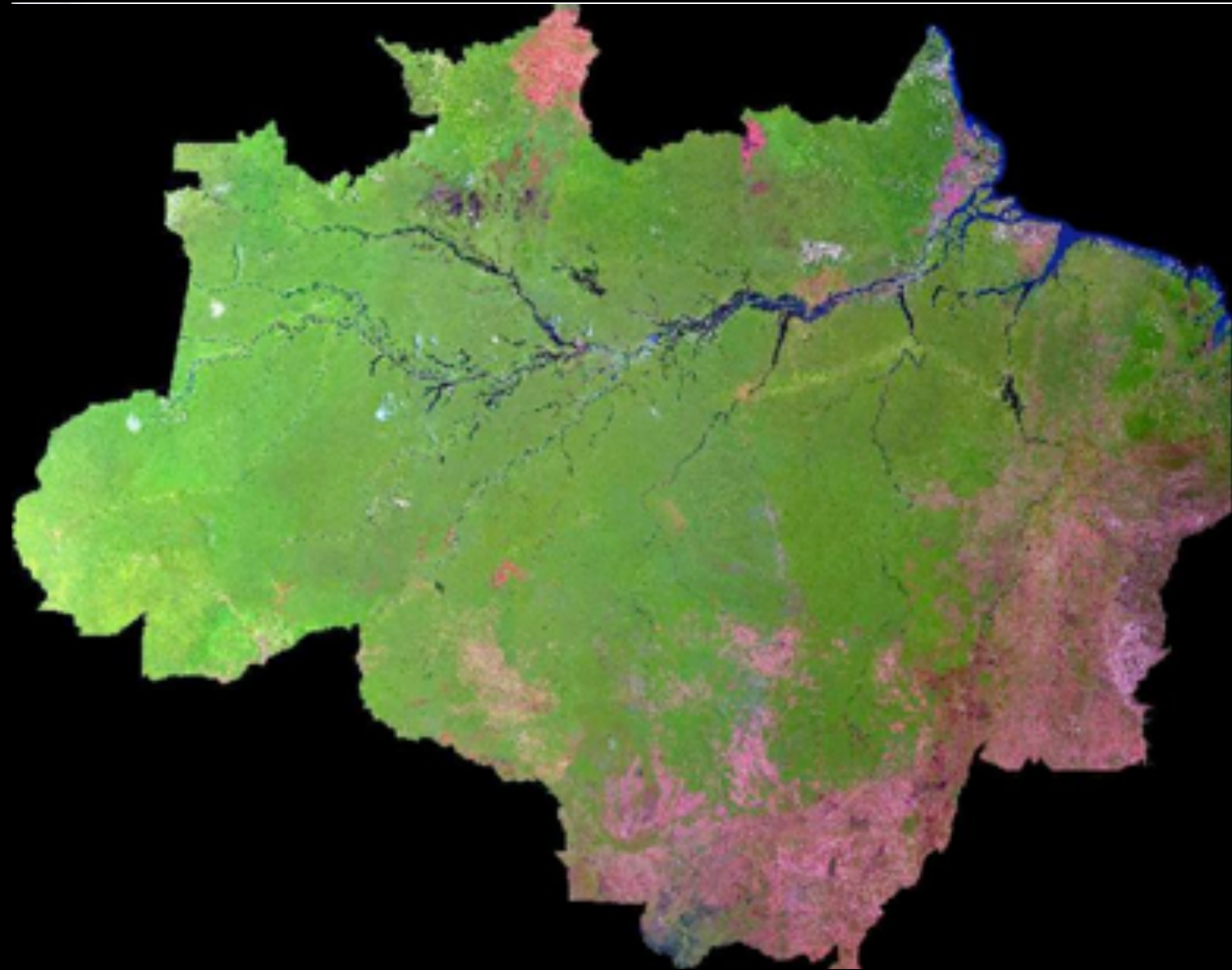
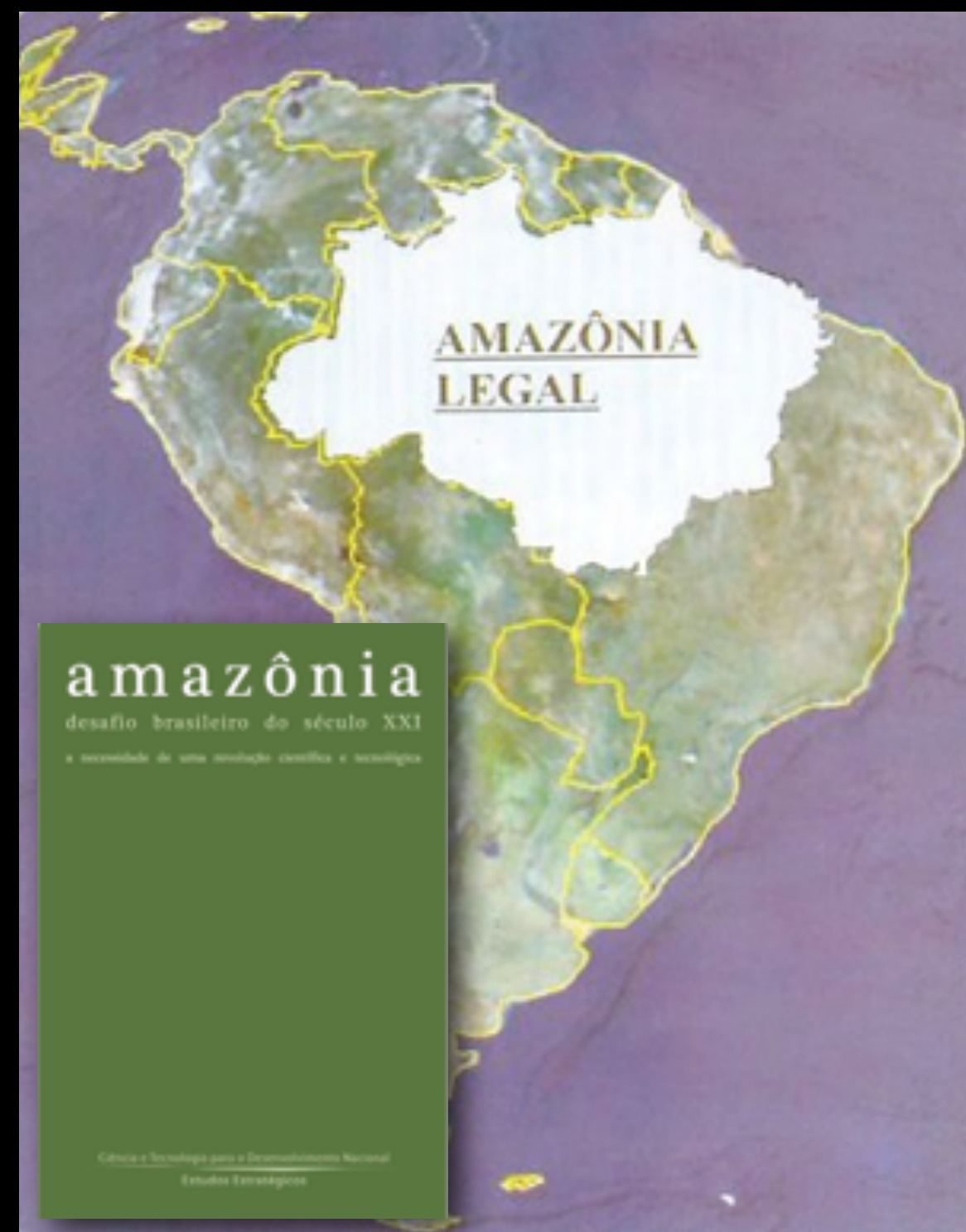
Outros países são mostrados para fins de comparação



Fonte: Principais Indicadores de Ciência e Tecnologia da OCDE, janeiro de 2015



# Ciência e inovação para grandes desafios nacionais

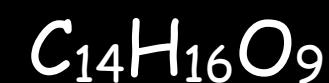
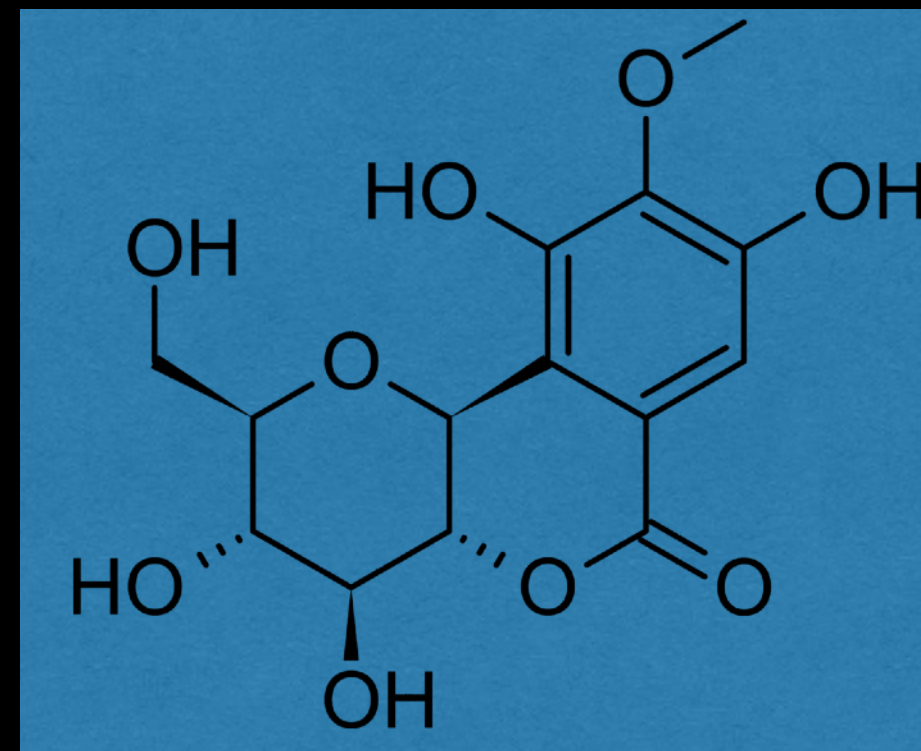


59% do território nacional!

# DESAFIOS DA BIODIVERSIDADE



Endopleura uchi



**MERCK**

**Bergenin**  
≥95% (LC/MS-ELSD)  
Synonym: Cuscutin

SKU - Tamanho da Embalagem Disponibilidade

Tamanho de Embalagem Preço (BRL)

SMB00073-1MG

✓ Previsão de entrega em 07.09.20 1 mg

1,213.00

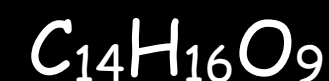
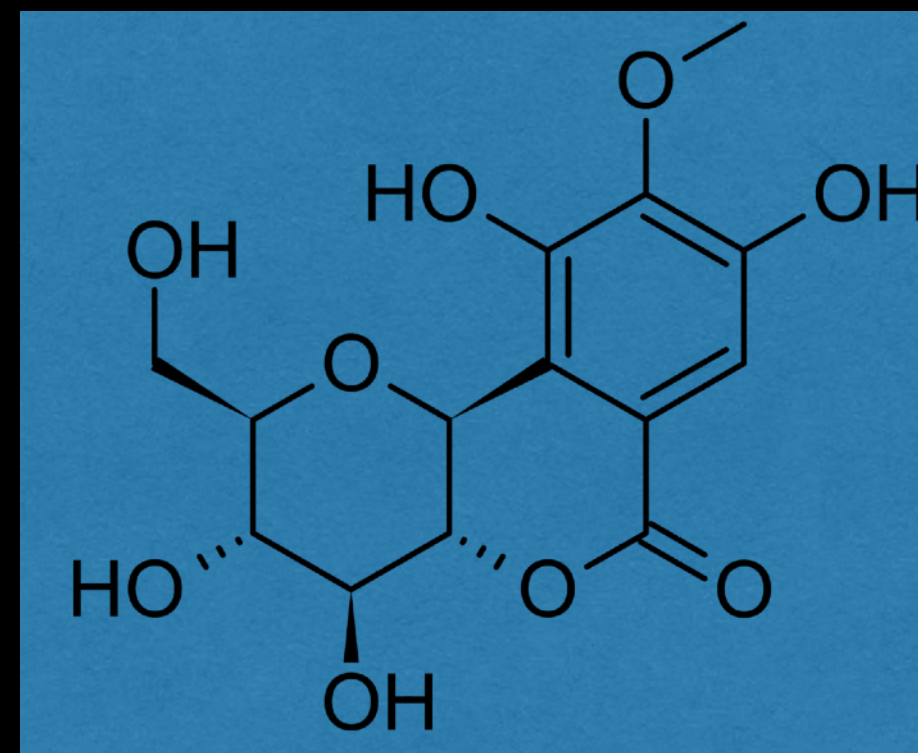


1 g vale R\$ 353,33 hoje

# DESAFIOS DA BIODIVERSIDADE



Endopleura uchi



3500 vezes mais caro que mesmo peso de ouro!

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| SKU - Tamanho da Embalagem | Disponibilidade                   | Tamanho de Embalagem | Preço (BRL) |
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1 g vale R\$ 353,33 hoje

Anúncio de página inteira no  
New York Times e  
Washington Post — 26 de  
setembro de 2016.

# BUSINESS LEADERS AGREE:

Federal funding of basic scientific research is an investment in our prosperity, security and well-being.

## WITHOUT BASIC RESEARCH, WE WOULD NOT HAVE:

Smartphones

GPS

The Internet

Gene Analysis Technology

Micro Hard Drives

Kidney Donor-to-Transplant  
Recipient Matching System

Laser  
Microsurgery

Microprocessors

MRI

Cancer Proton Therapy

Multi-Touch Screens

Solar Panels

Vaccine Against Hepatitis B

And more...

**WANDA AUSTIN\***  
President & CEO, Aerospace Corporation

**BRENTON L. SAUNDERS**  
CEO & President, Allergan plc

**ERIC SCHMIDT**  
Executive Chairman, Alphabet; former CEO of Google

**NICHOLAS K. AKINS**  
Chairman, President & CEO, American Electric Power (AEP)

**JACK SALZWEDEL**  
Chairman & CEO, American Family Insurance

**ROBERT BRADWAY\***  
CEO, Amgen

**CARL BASS**  
CEO, Autodesk, Inc.

**CHARLES MUNGER\***  
Vice Chairman, Berkshire Hathaway Corporation

**GEORGE BARRETT**  
Chairman & CEO, Cardinal Health

**DAVID MACLENNAN**  
Chairman & CEO, Cargill

**DOUG OBERHELMAN**  
Chairman & CEO, Caterpillar, Inc.

**ROBERT J. HUGIN**  
Executive Chairman, Celgene Corporation

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CEO, Chevron

**TIM BOYLE**  
CEO, Columbia Sportswear Company

**WENDELL P. WEEKS**  
Chairman & CEO, Corning Incorporated

**LARRY J. MERLO**  
President & CEO, CVS Health

**RAJ L. GUPTA**  
Chairman, Delphi; former CEO of Rohm and Haas

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Chairman & CEO, Kimberly-Clark

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Chairman & CEO, Legendary Entertainment

**CHIP BERGH**  
President & CEO, Levi Strauss & Co.

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Former CEO, Lockheed Martin Corporation

**OMAR ISHRAK**  
Chairman & CEO, Medtronic

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**STEVE MOLLENKOPF**  
CEO, Qualcomm Incorporated

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Chairman & CEO, Sempra Energy

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CEO, TaskRabbit

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President & CEO, TIAA-CREF

**ROBERT M. GATES**  
Former Secretary of Defense

“If science is to press ahead...our society must provide scientific inquiry the necessary means of sustenance. We must, in short, support it.”

— President John F. Kennedy, October 22, 1963

“Basic research...ends up being one of the most practical things government does.”

— President Ronald Reagan, April 2, 1988

# FNDCT LIBERAÇÃO TOTAL DOS RECURSOS

O FUNDO DA CIÊNCIA E TECNOLOGIA BRASILEIRAS!

ENTIDADES QUE  
COMPÕEM A:

