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# Post Graduation in Brazil

# 2013

- Higher Education Census
- General Enrollment in Post Graduation Courses: **203.717**

## Resultados do Censo da Educação Superior 2013

Quadro Resumo- Estatísticas gerais da Educação Superior, por Categoria Administrativa- Brasil- 2013

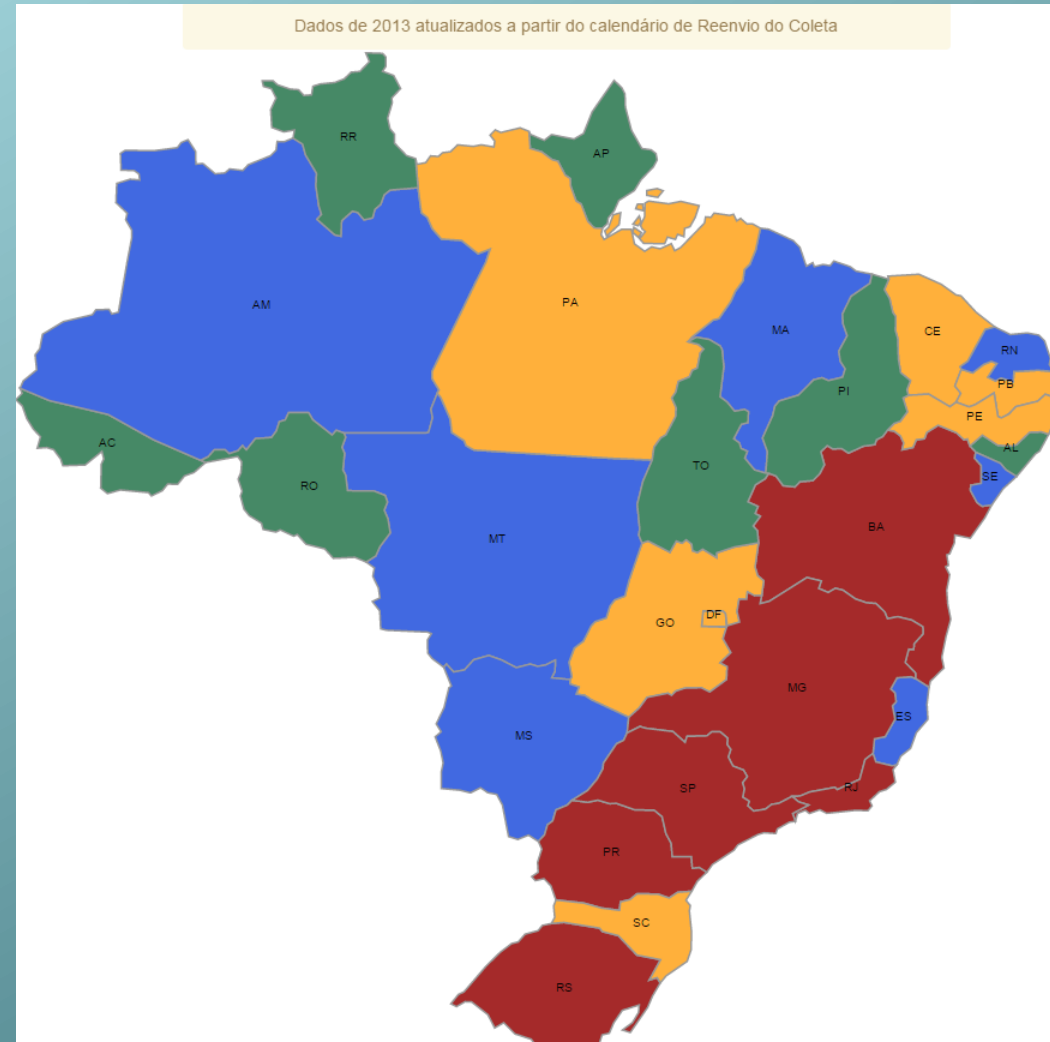
Estatísticas Básicas	Categoria Administrativa					
	Total Geral	Pública				Privada
		Total	Federal	Estadual	Municipal	
<b>Número de Instituições</b>	<b>2.391</b>	<b>301</b>	<b>106</b>	<b>119</b>	<b>76</b>	<b>2.090</b>
<b>Educação Superior - Graduação</b>						
Cursos	32.049	10.850	5.968	3.656	1.226	21.199
Matriculas	<b>7.305.977</b>	1.932.527	1.137.851	604.517	190.159	5.373.450
Ingresso Total	2.742.950	531.846	325.267	142.842	63.737	2.211.104
Concluintes	991.010	229.278	115.336	82.892	31.050	761.732
<b>Educação Superior - Sequencial de Formação Específica</b>						
Matriculas	16.987	489	100	208	181	16.498
<b>Educação Superior - Pós-Graduação <i>Scripto Sensu</i></b>						
Matriculas	203.717	172.026	115.001	56.094	931	31.691
<b>EDUCAÇÃO SUPERIOR - TOTAL</b>						
Matricula Total	<b>7.526.681</b>	2.105.042	1.252.952	660.819	191.271	5.421.639
Funções Docentes em Exercício <sup>12</sup>	367.282	155.219	95.194	48.275	11.750	212.063
Docentes em Exercício <sup>23</sup>	<b>321.700</b>	152.166	94.354	47.823	11.459	181.302

Fonte: Mec/Inep - MEC/Capes; Quadro elaborado por Inep/Deed

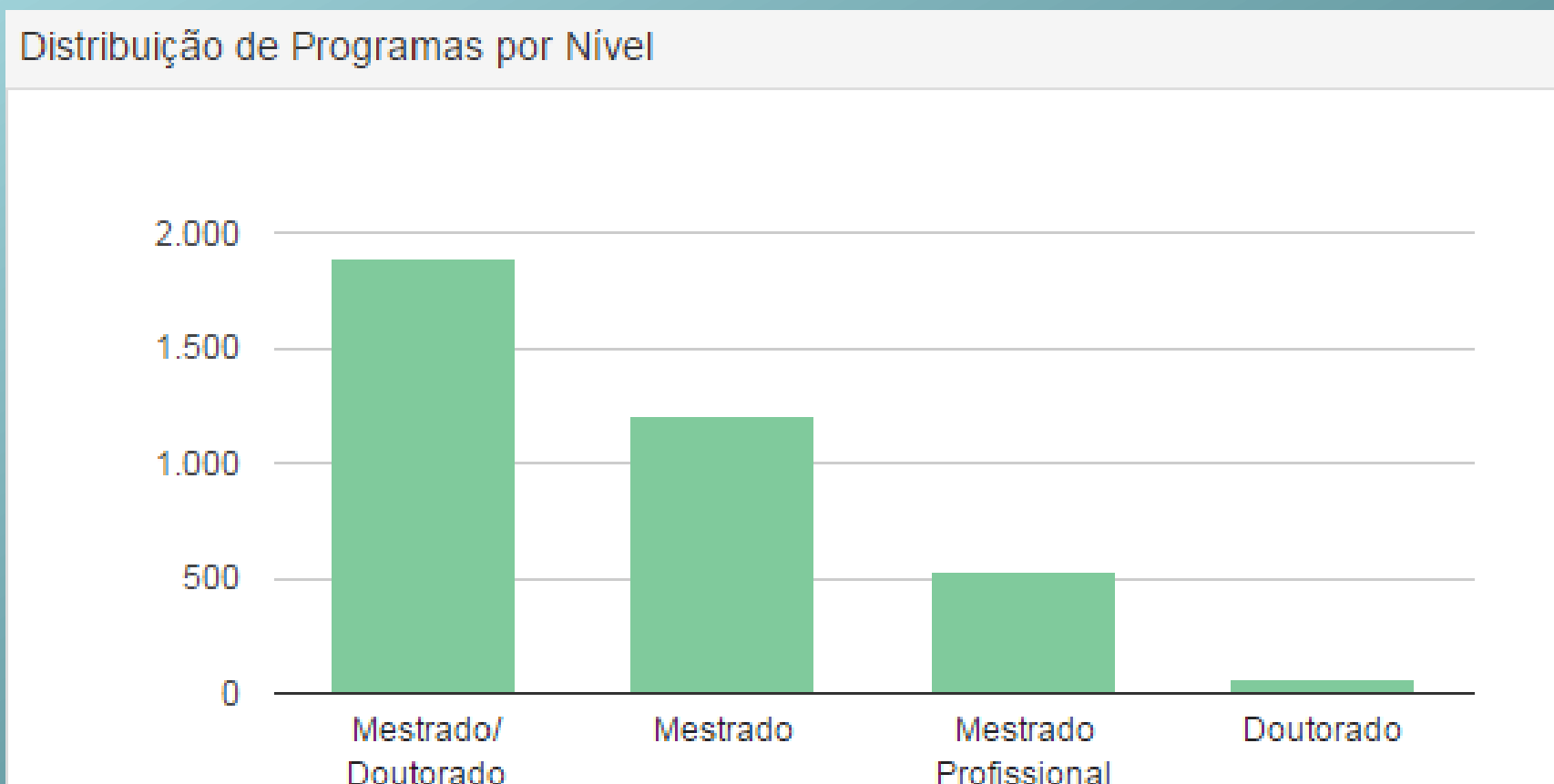
Notas:

- (1) Corresponde ao número de vínculos de docentes a Instituições de Educação Superior;
- (2) Não incluem os docentes que atuam exclusivamente na Pós-Graduação *Lato Sensu*;
- (3) Quantidade de CPFs distintos dos docentes em exercício em cada Categoria Administrativa.

# Geographical Distribution of Post Graduation Programs - 2014

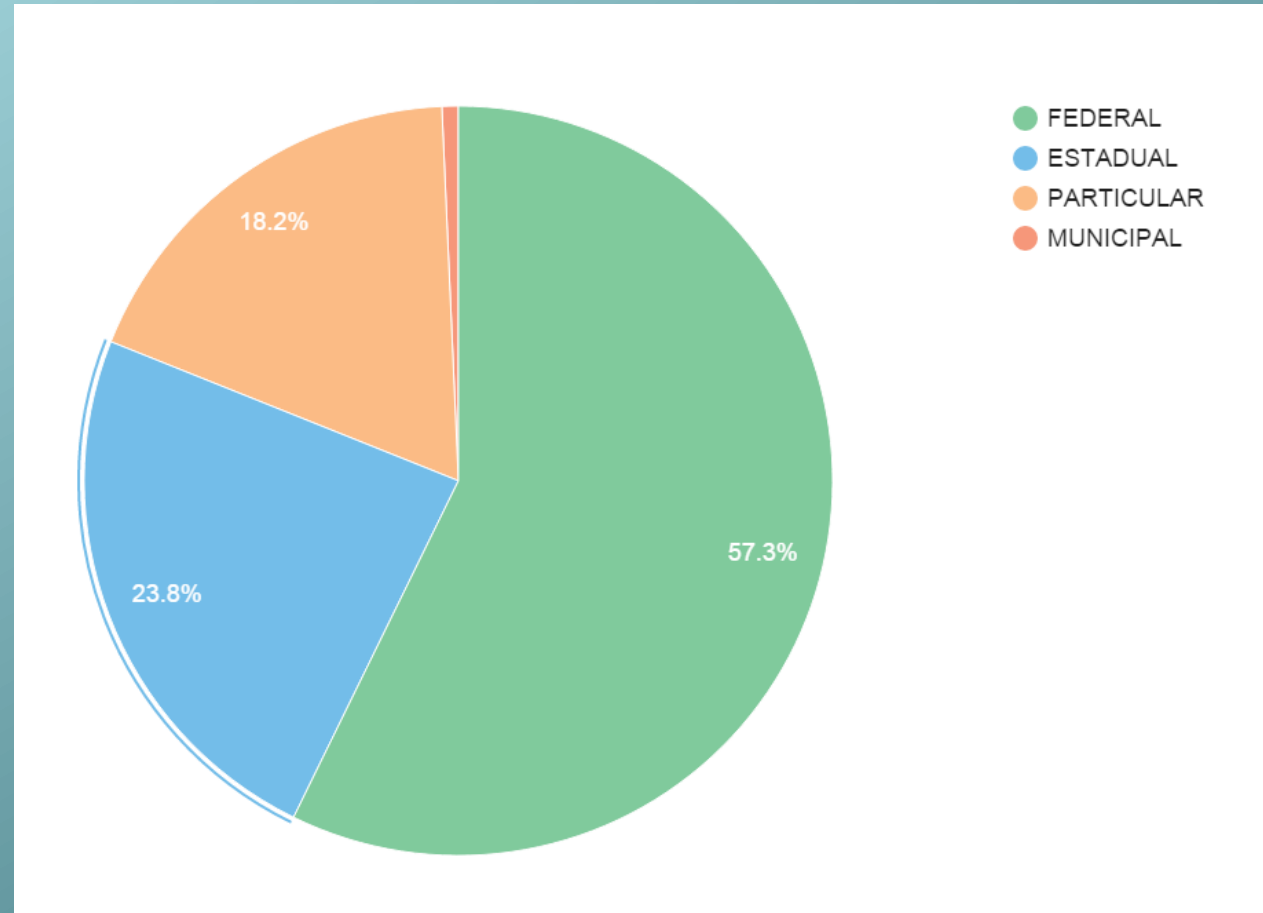


# Distribution of Post Graduation Programmes in Brazil, by level 2014



# Distribution of Post Graduation Programmes in Brazil, by type of institution

## 2014



# The Post Graduation National System

CAPES (Coordination for the Improvement of Higher Education Personnel)

## 2009

- 2.719 programmes responsible for 4.101 courses:
  - 2.436 Master
  - 1.422 Doctorate (PhD)
  - 243 Professional Master
- 57.270 professors
- 161.117 enrolled students:
  - 103.194 Master and Professional Master levels
  - 57.923 PhD level

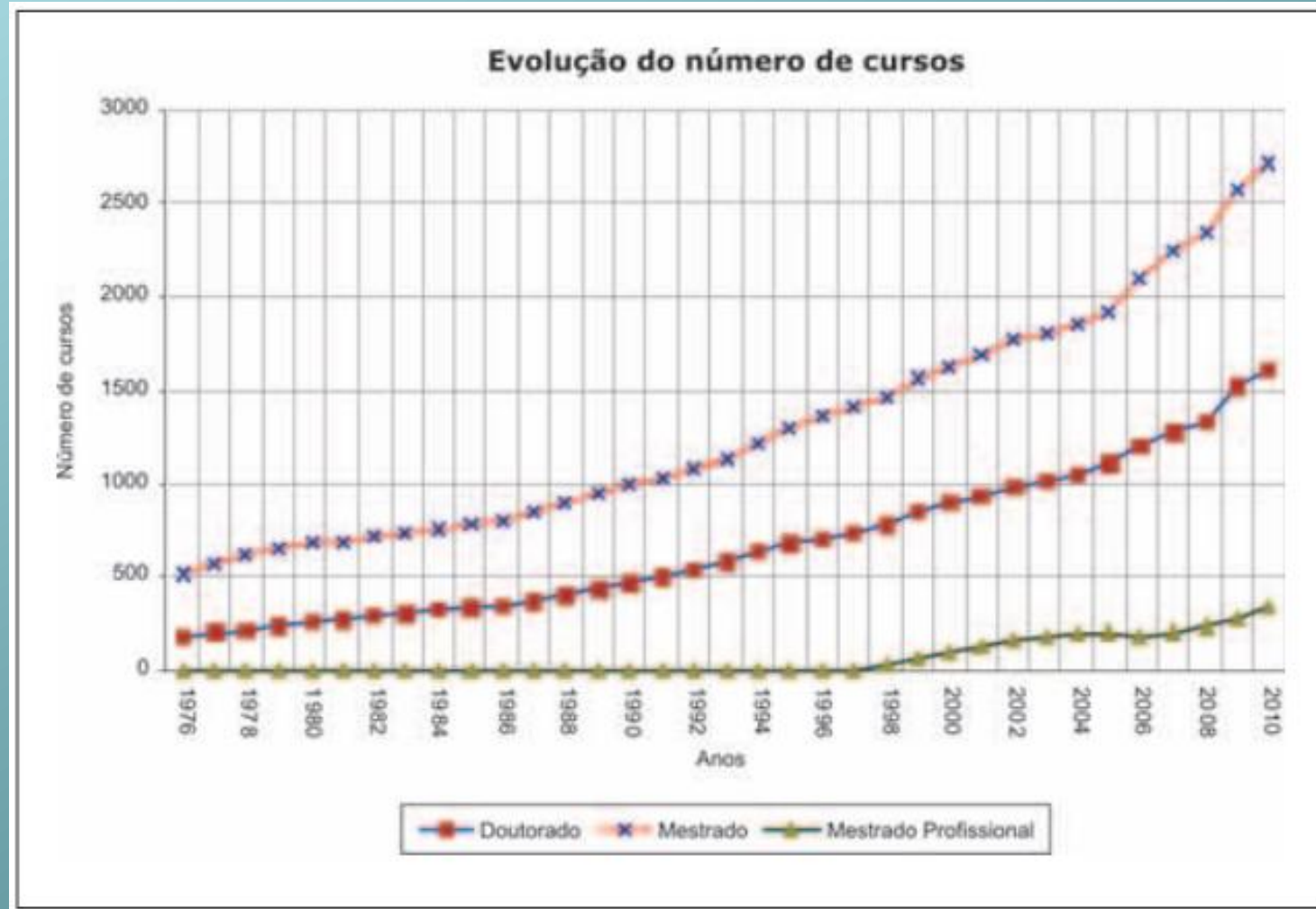
## 2014

- 3.881 programmes responsible for 5.812 courses:
  - 3.226 Master
  - 1.997 Doctorate (PhD)
  - 589 Professional Master

## 2013

- 83.930 professors
- 232.381 enrolled students:
  - 137.531 Master and Professional Master levels
  - 94.850 PhD level

# Growth of the Number of Courses for MA and PhD levels



Source: CAPES | PNPG, p.46, gráfico 3.5-1

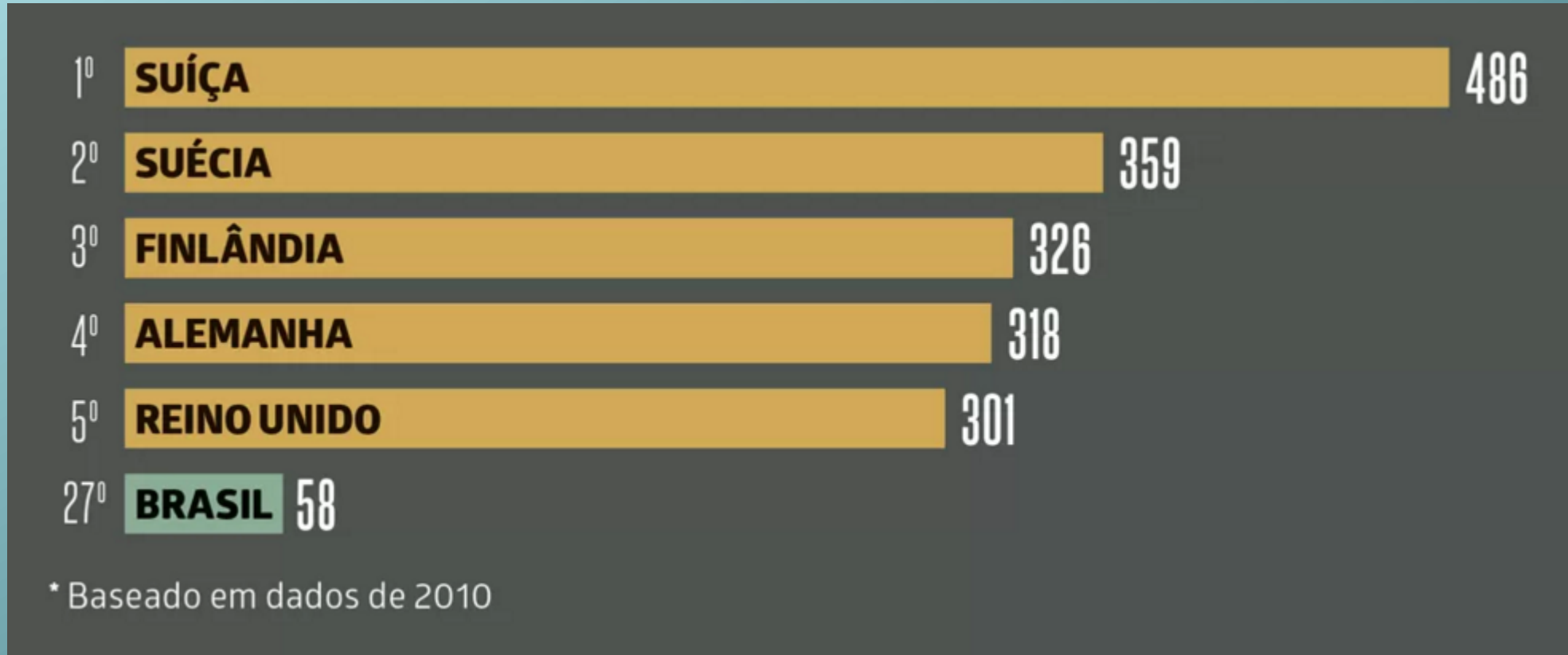
# Number of Courses in Detail

Nível	1976	2004	2009	2014	Crescimento (%)		
					2014/1976	2009/2004	2014/2009
Mestrado	518	1.793	2.436	3.226	522,8%	35,9%	32,4%
Mestrado Profissional	0	119	243	589	-	104,2%	142,4%
Doutorado	181	1.058	1.422	1.997	1.003,3%	34,4%	40,4%
<b>Total</b>	<b>699</b>	<b>2.970</b>	<b>4.101</b>	<b>5.812</b>	<b>731,5%</b>	<b>38,1%</b>	<b>41,7%</b>

Source: Coleta/CAPES, PNPGE/GEOCAPES.



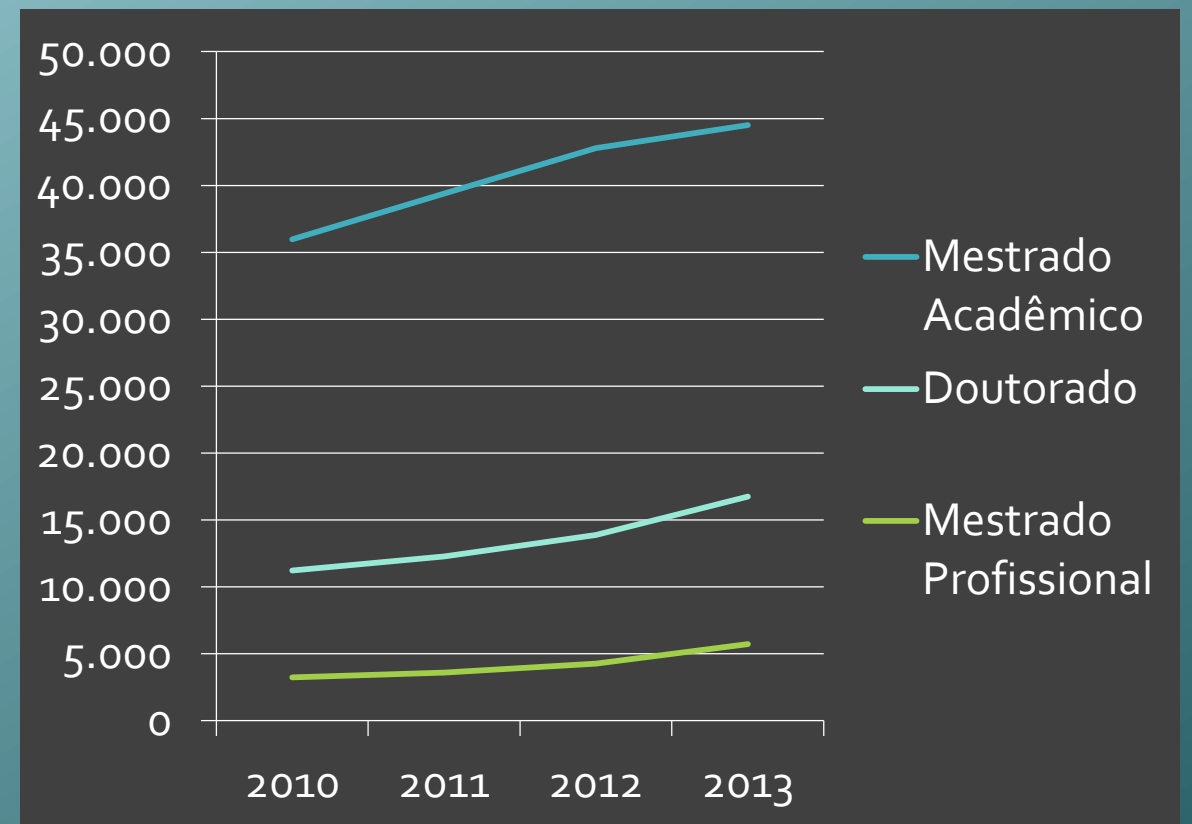
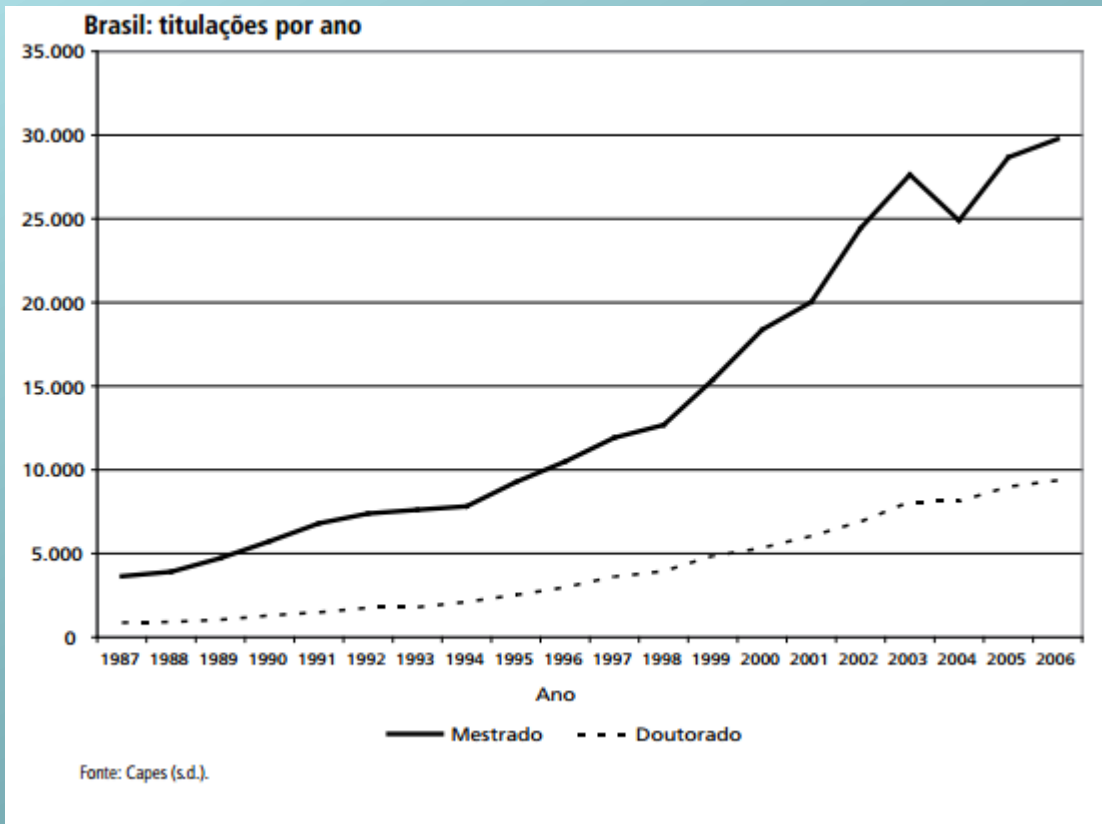
## Number of doctorate titles granted, per million inhabitants



Source: Revista Galileu, 10/06/2015

<http://revistagalileu.globo.com/Multimedia/Infograficos/noticia/2015/06/analizamos-os-cursos-de-pos-graduacao-no-brasil2.html>

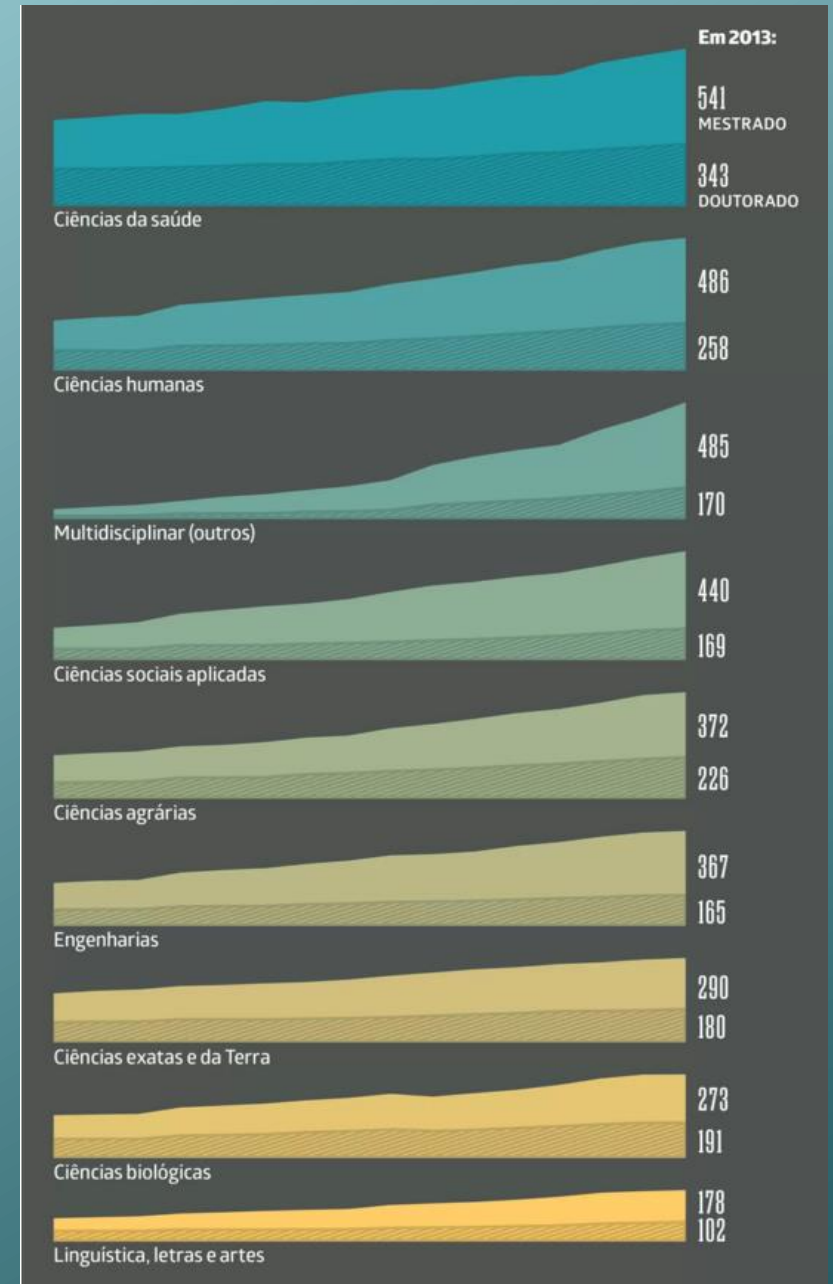
# Titles by year (1987-2006) in Master and PhD Levels



Source: CAPES

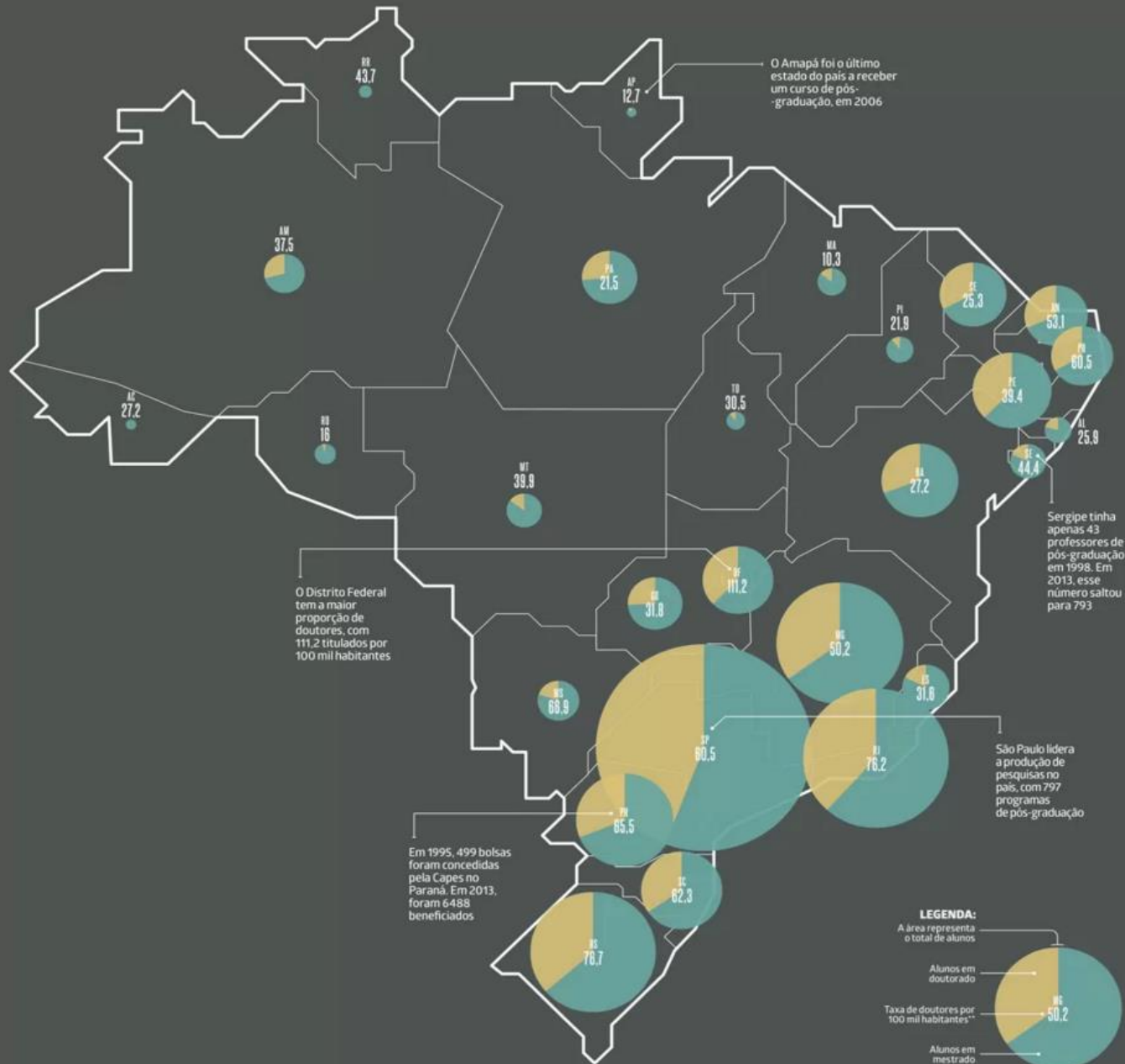
# Number of Graduation Programmes per field, in 2013

- In 1998, 16.266 MA and PhD titles were granted in Brazil; in 15 years, this number reached 50 mil titles.
- The number of MA and PhD courses more than doubled in about 13 years: if in 2000 there were 1.439 available programmes, in 2013 these number was 3.486.



Source: Revista Galileu, 10/06/2015.

# Geographical Distribution of Professors and Students in Post Graduation



\*\*Calculado a partir de dados do CNPq com base no Censo 2010 Fontes: IBGE (Censo Demográfico 2010), Banco Mundial e Capes

Source: Revista Galileu, 10/06/2015, com base no Censo 2010 do IBGE e nos dados do Banco Mundial e da CAPES.

# CAPES and CNPq Scholarships

- Modalities: Master, PhD, PhD 'sandwich' and Post Doc, between 1997 and 2008.

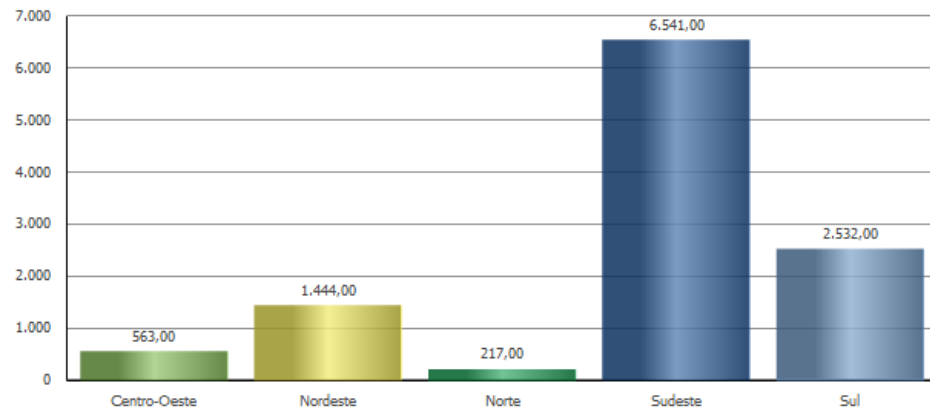
- 2013:  
114.408 (TOTAL)  
Increase of 80%  
compared to 2008

BOLSAS NO PAÍS E EXTERIOR CAPES e CNPq - 1997-2008			
ANOS	TOTAL	NO PAÍS	NO EXTERIOR
1997	14.411	13.336	1.076
1998	14.302	11.736	2.566
1999	13.661	11.205	2.456
2000	14.039	11.514	2.526
2001	14.814	12.020	2.794
2002	14.768	11.813	2.955
2003	42.512	39.653	2.859
2004	44.433	41.430	3.003
2005	45.879	42.582	3.297
2006	51.795	48.217	3.578
2007	52.816	49.077	3.739
2008	63.550	59.810	3.741

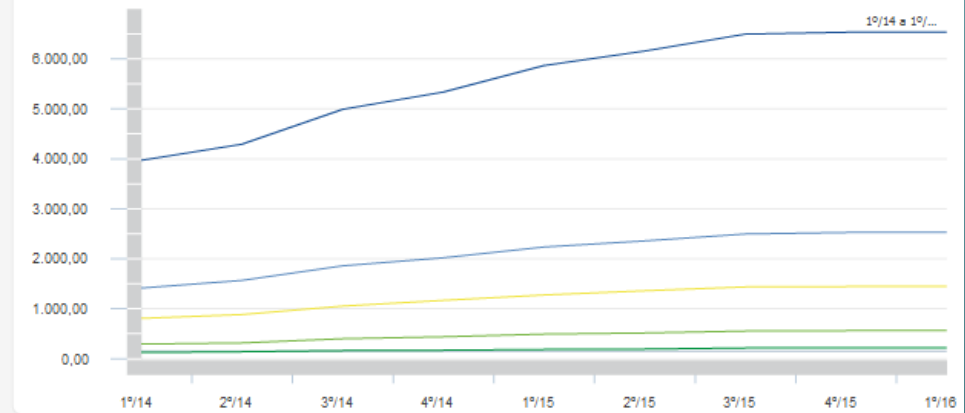
Source: MCTI.

# Science Without Borders

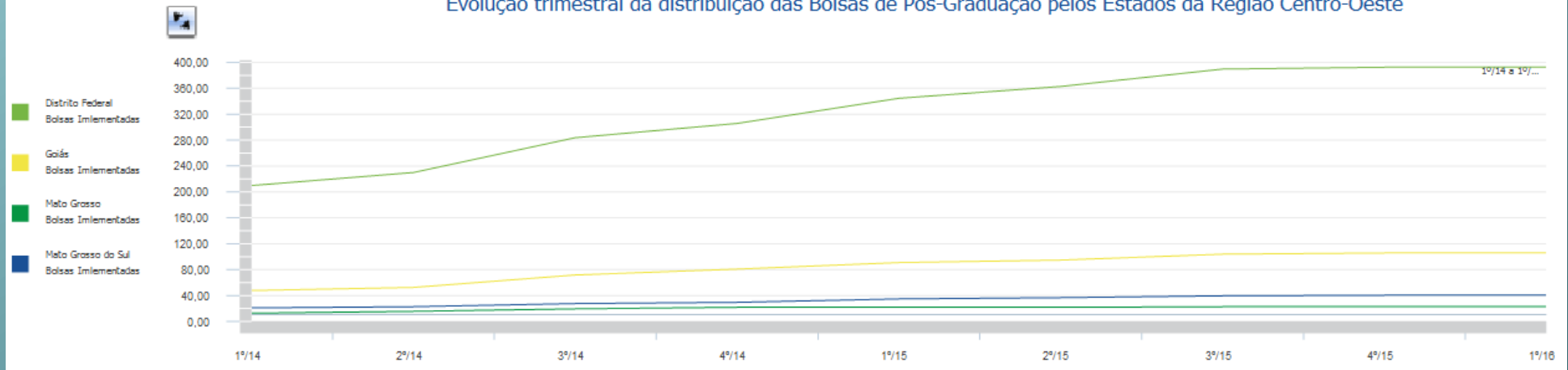
Distribuição das Bolsas de Pós-Graduação por Região



Evolução trimestral da distribuição das Bolsas de Pós-Graduação por Região



Evolução trimestral da distribuição das Bolsas de Pós-Graduação pelos Estados da Região Centro-Oeste



# Brazil's Position in World Ranking

## Colocações dos países nas classificações e ordenação média (2008)

	Colocação segundo a Webometrics	Colocação segundo o ARWU	Colocação segundo a Times Higher Education	Média das posições	Colocação relativa
EUA	1a	1a	1a	1	1a
Reino Unido	4a	2a	2a	2,67	2a
Alemanha	3a	3a	5a	3,67	3a
Japão	10a	4a	6a	6,67	4a
Coreia	31a	16a	16a	21	5a
Brasil	13a	19a	31a	21	5a

Fonte: IHE/ SITU (2008); Cybermetrics Lab/CSIC; Times Higher Education e QS Quacquarelli (2008).

Elaboração dos autores.

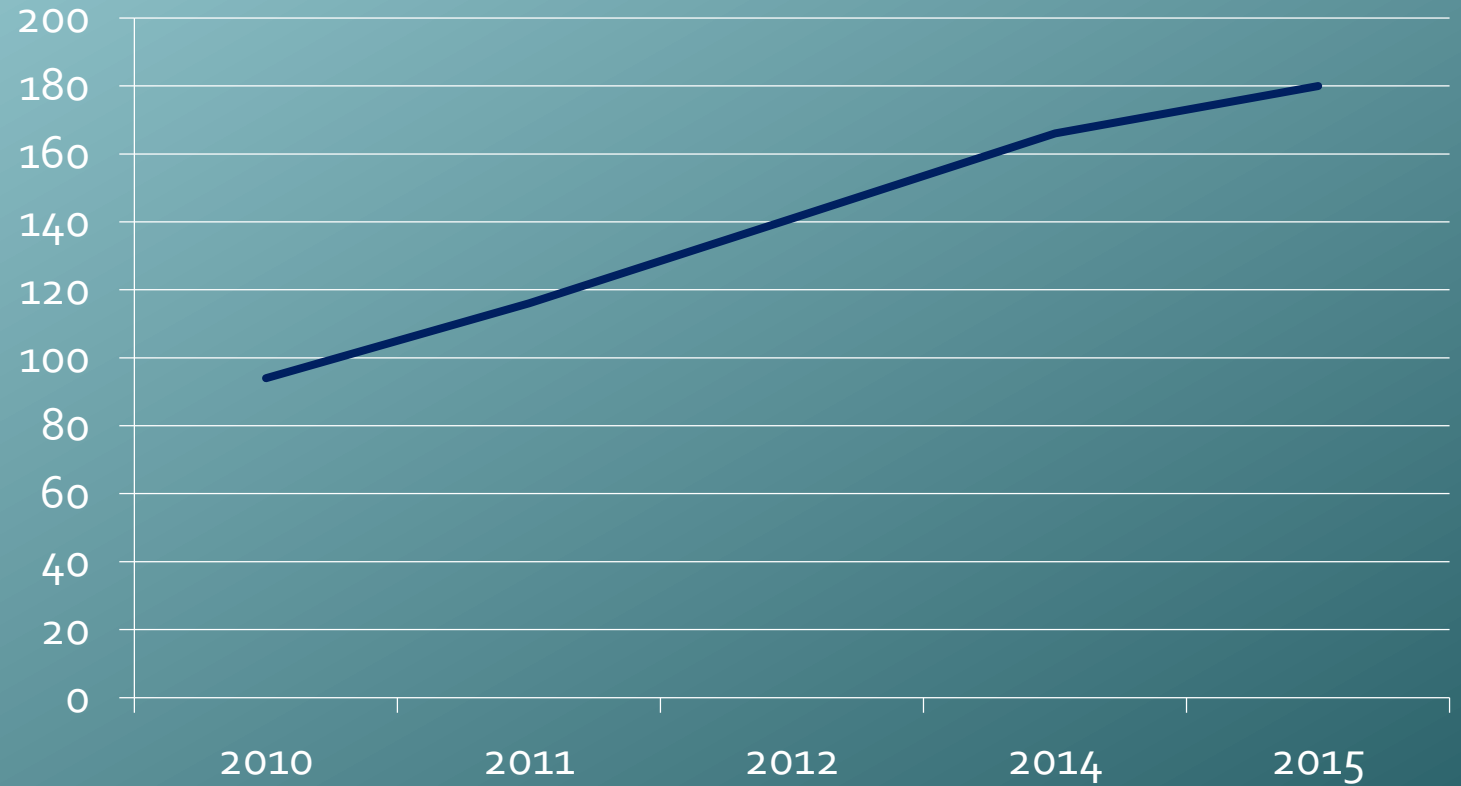
Source: IPEA, TD 1720

[http://www.ipea.gov.br/portal/images/stories/PDFs/TDs/td\\_1720.pdf](http://www.ipea.gov.br/portal/images/stories/PDFs/TDs/td_1720.pdf)

# Technological Innovation Bureau

- 2.163 applications for protection (increase of 100,6% compared to 2010)

Technological Innovation Bureau





Thank You!