



**FAUBAI**

# In focus: Brazil

Session: 1.5.3 (4:10 PM - 5:25 PM),  
Adelaide Convention Center, room R 2/3

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Adelaide, Australia | AIEC

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# In focus: Brazil



- Is there really a future for Australia-Brazil education, research and training cooperation beyond SWB?
- What are the opportunities and how can they be realized?

# Science without Borders



#	Country	Total
1	United States	32.716
2	United Kingdom	11.352
3	Canada	7.988
4	France	7.701
<b>5</b>	<b>Australia</b>	<b>7.525</b>
6	Germany	6.865
7	Spain	5.337
8	Italy	4.086
9	Ireland	3.522
10	Hungary	2.608
	Other countries	8.775
	Young Talents and Visiting Professors in Brazil	2.971
	<b>Total</b>	<b>101.446</b>

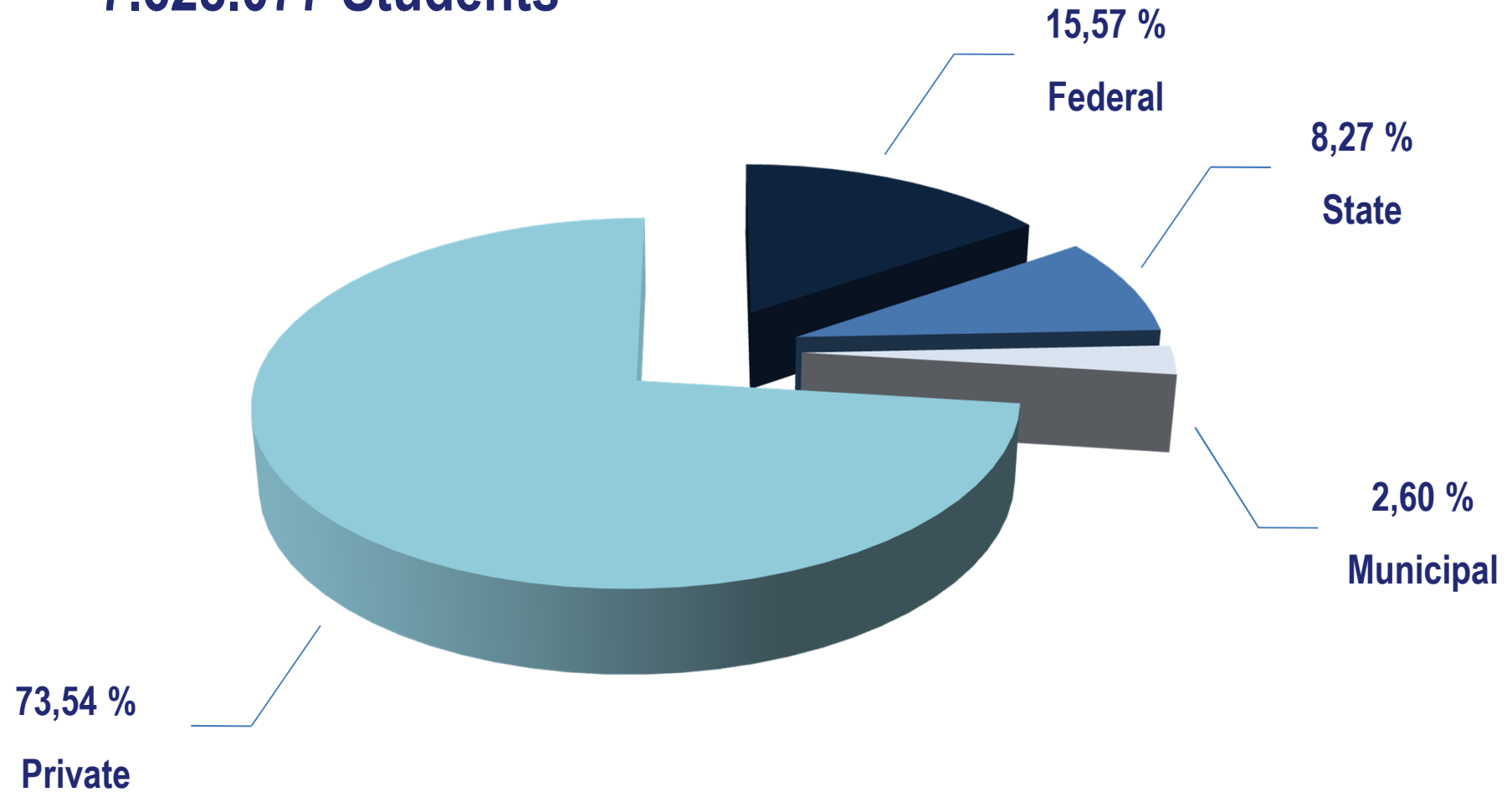
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- The 5<sup>th</sup> largest country (after Russia, Canada, China and the US)
- More than 200 million people
- Covers nearly half of South America and represents more than half of its GDP
- The 7<sup>th</sup> largest economy in the world

# Undergraduate Enrollment - 2015

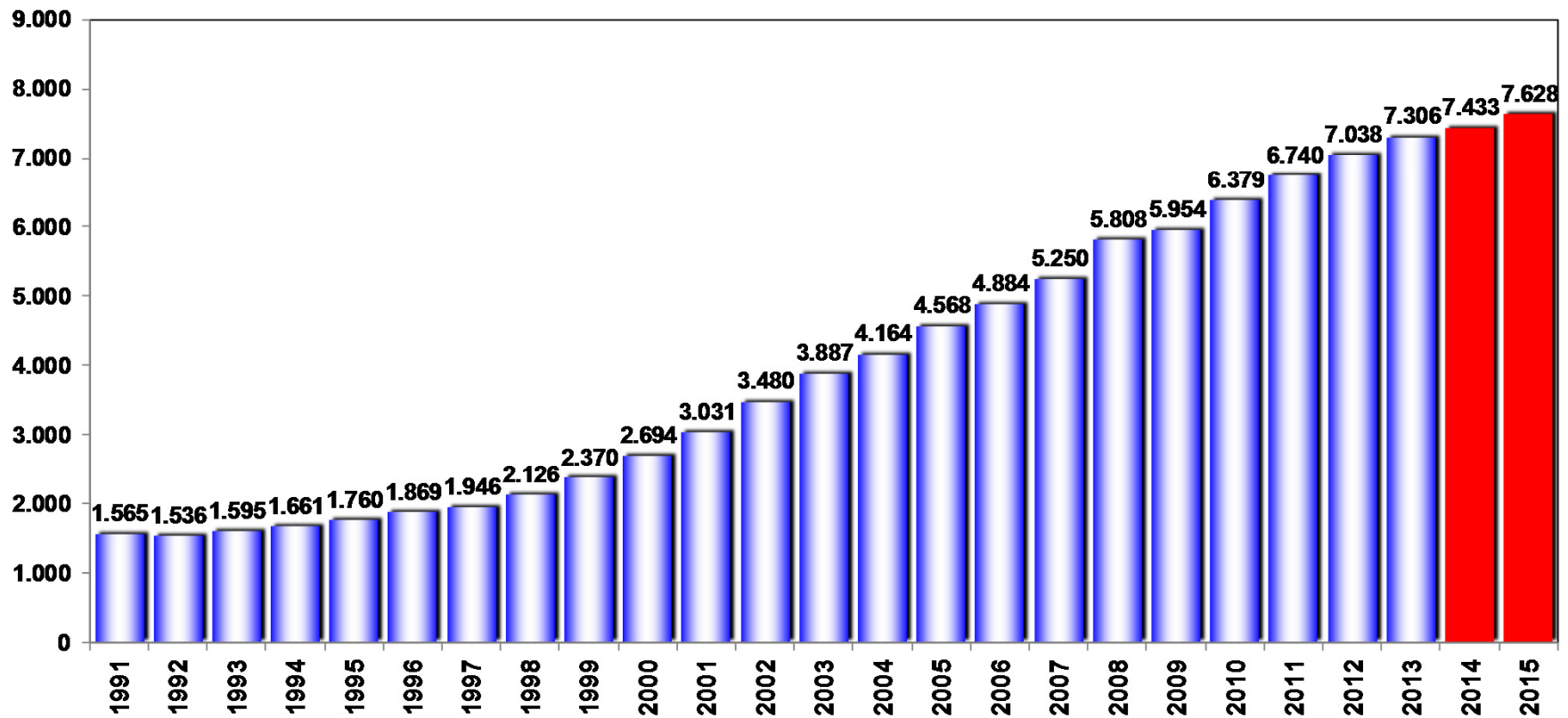
7.628.077 Students



Source: MEC/INEP 2013

# Undergraduate Enrollment (1991-2015)

In thousand



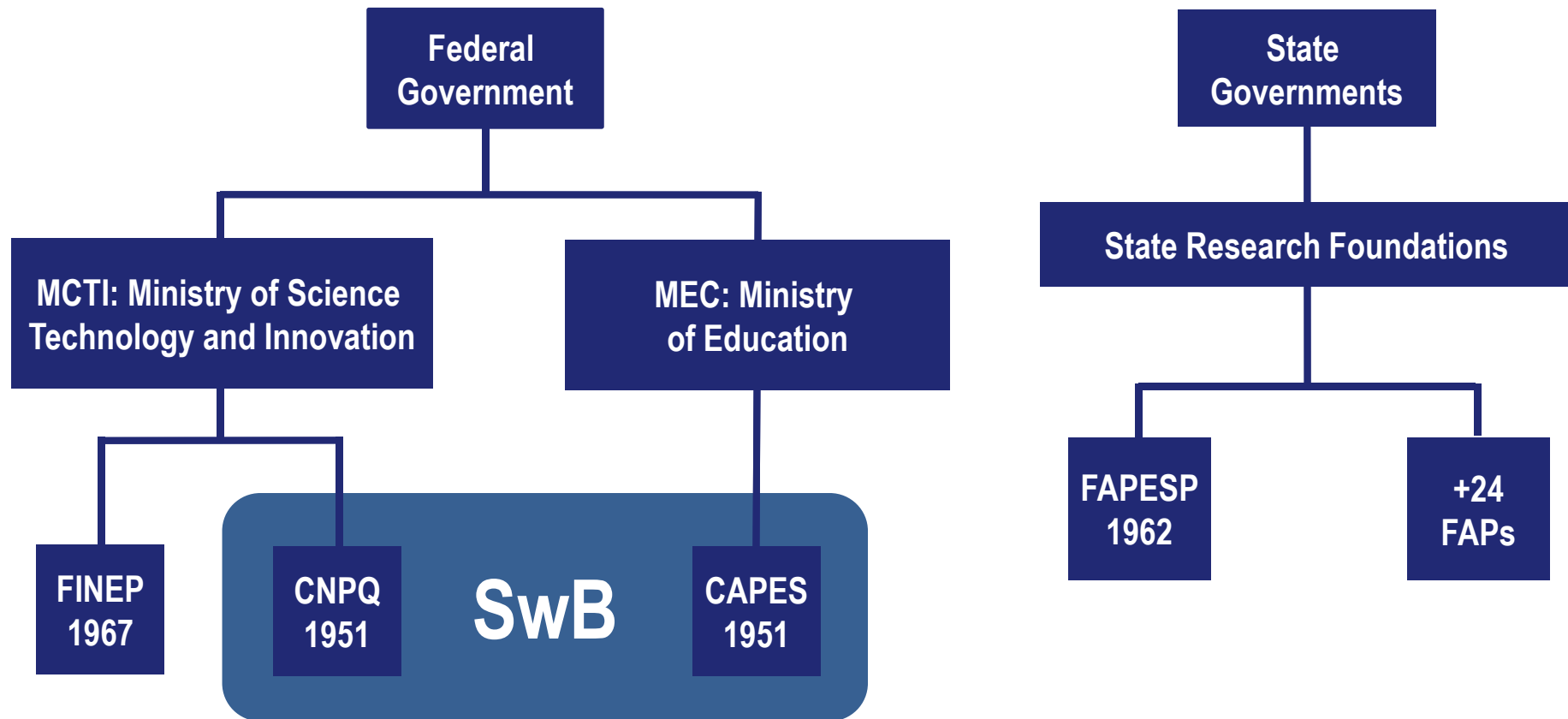
Source: MEC/INEP

# Graduate System



Programs	3.793
Courses	5.674
Research Master	3.158
Professional Master	573
PhD	1.943
<b>PhD/year</b>	<b>14.000</b>

# Brazilian System for Support of S&T&I, and Development of Human Resources





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## Scientific Production - Top 15 countries 2009-2013

Ranking	Country/Territory	Web of Science Documents	Times Cited	Cites per Document (Impact)
1	USA	1.816.391	14.084.393	7,75
2	CHINA MAINLAND	804.543	3.607.127	4,48
3	GERMANY	478.604	3.602.076	7,53
4	ENGLAND	436.267	3.457.103	7,92
5	JAPAN	386.705	2.131.107	5,51
6	FRANCE	338.126	2.395.743	7,09
7	CANADA	296.558	2.124.775	7,16
8	ITALY	281.243	1.932.901	6,87
9	SPAIN	250.891	1.575.403	6,28
10	INDIA	230.762	877.788	3,81
<b>11</b>	<b>AUSTRALIA</b>	<b>228.120</b>	<b>1.522.493</b>	<b>6,67</b>
12	SOUTH KOREA	225.961	1.035.892	4,58
<b>13</b>	<b>BRAZIL</b>	<b>178.313</b>	<b>623.998</b>	<b>3,51</b>
14	NETHERLANDS	170.435	1.497.503	8,79
15	RUSSIA	143.007	415.684	2,91



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## **Brazil-Australia Higher Education Forum - 9-10 June 2015 (Brasília)**

Organized by Universities Australia

Some of the Key findings:

- Institutions and governments in Brazil and Australia share many common ambitions for higher education.
- Networking opportunities and discussion forums are immensely helpful for breaking down barriers and establishing new relationships.
- Partnerships, between universities or with industry, need to be strategic, flexible and multifaceted with a long term view.
- Cooperation needs to be of mutual benefit and requires a mutual commitment and mutual investment.



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- There is scope to improve two way staff and student mobility between Australia and Brazil.
- Research collaboration often begins with individuals but can be institutionalized with support of an overarching Memorandum of Understanding.
- There is scope to develop more trilateral relationships either between institutions or institutions and industry.

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**Tropical medicine initiative** by the Australian Trade Commission (Austrade) –  
April 2016

- Aim: increase the level of collaboration between Australian and Brazilian universities, Research Institutions and Companies.
- The level of collaboration between both countries is still below its potential.
- Both countries have faced similar issues with tropical diseases such as dengue and malaria and have built up expertise in these areas where collaboration could prove useful to both countries.
- The mission organised by Austrade will include meetings with the largest and most renowned health research institutions in Brazil such as Fiocruz and Instituto Butantan, and top universities.

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## Latino Australia Education (LAE) scholarship

- LAE Sent two UFRJ researchers to Australian Universities on a 15-day mission



Wallace Martins  
(Electrical Engineering)

**Macquarie University**  
**University of New South Wales**  
**University of Melbourne**



Heloísa Teixeira  
(Civil Engineering)

**University of Melbourne**  
**Monash University**  
**Swinburne University**



**THANK YOU!**

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