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The development of a public vocational (ISCED 5B) HE system

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São Paulo in Brazil

- **22% of Brazilian population (42 million)**
- **30% of the country's GDP**
– (U\$ 640 billion – U\$ 15,000 GDP/capita)
- **Best public university system**
- **First state system of Technical Colleges (1969)**
- **Highest Net (18%) and Gross (40%) Enrollment Ratios in the country (2008)**
- **Large private HE system**
- **Lowest public/total enrollment ratio: 15%**



Brazil's HE system up to 1994

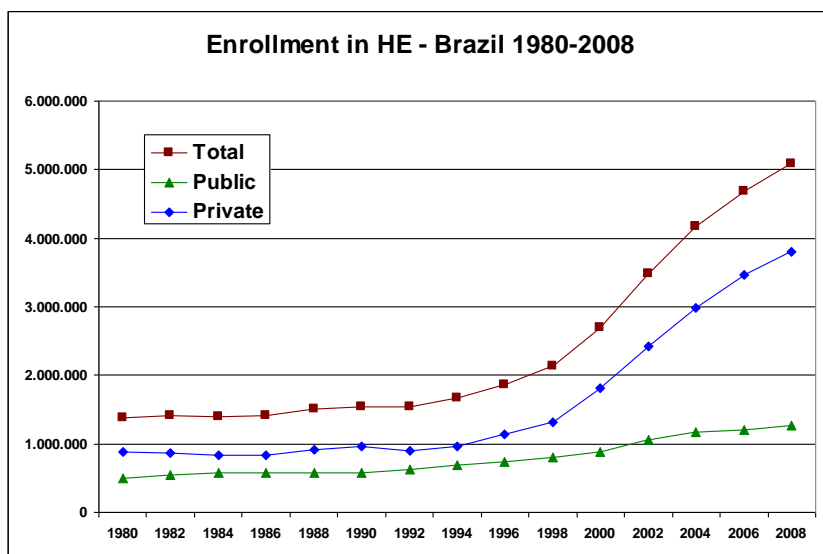
- **1960:** less than 200,000 students enrolled in HE
- **1980:** number had grown to about 1.4 million
- **1980-1994**
 - longest period of economic stagnation in Brazil's history
 - there was little development in HE, public or private



Time for change: 1995-2010

- **Economic growth**
- **New National Law of Education (1996)**
- **Universalization of basic education**





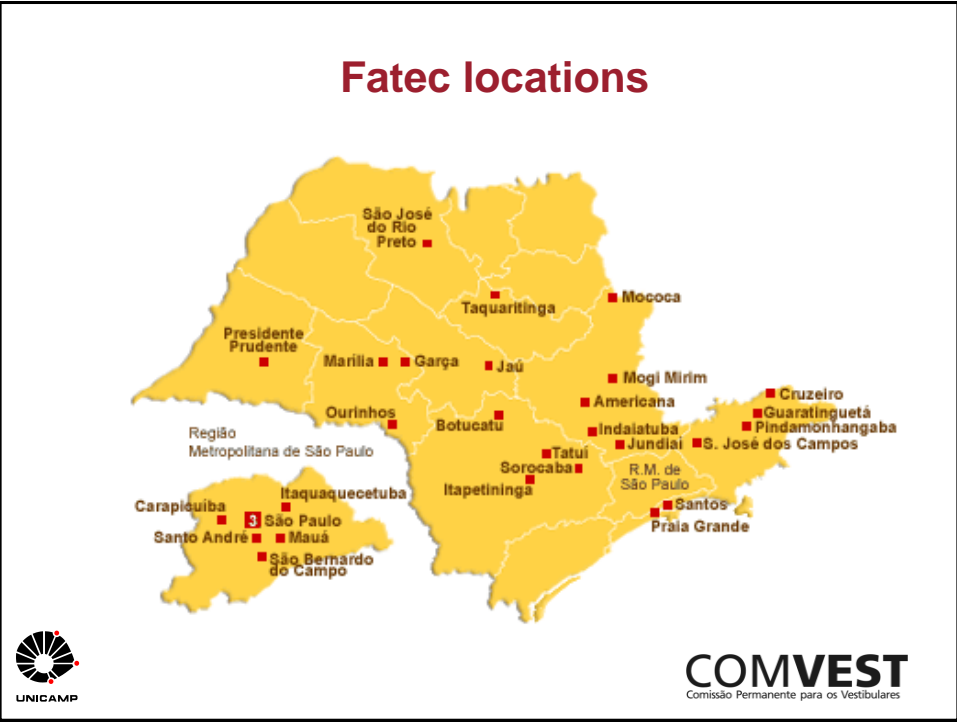
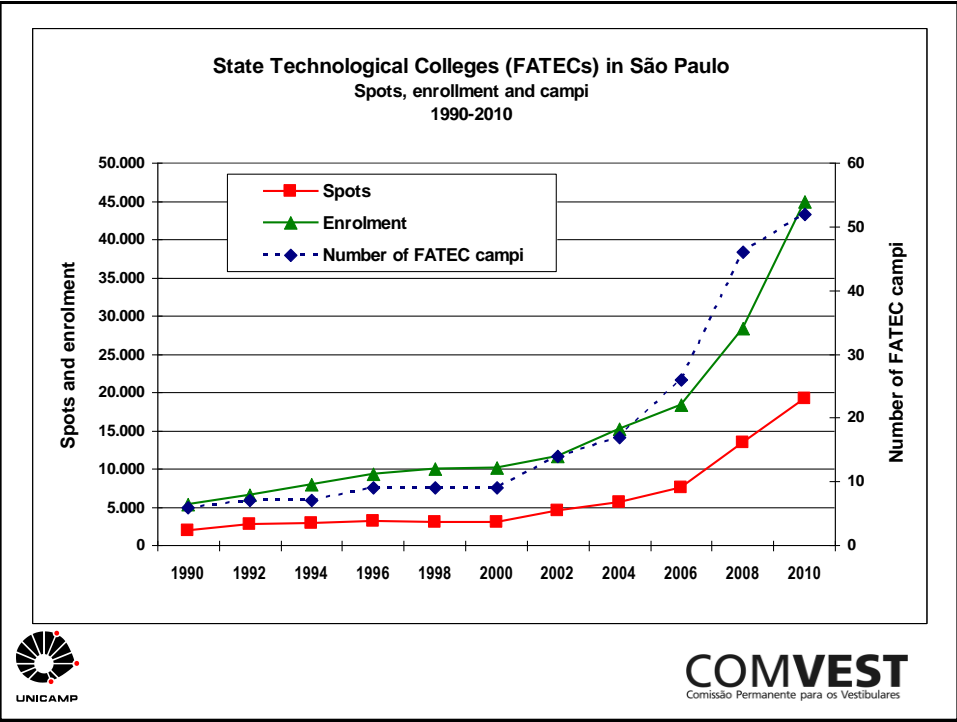
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HE in Brazil - Summary: 1980-2008

	1980-1994	1995-2008
Total enrollment evolution	21%	206%
Public	40%	86%
Private	10%	292%
Public/Total enrollment ratio	36%-42%	25% (2008)
Not-for-profit/For profit	2 to 1 in 1990	1 to 2 (2008)
Net enrollment ratio	7% (1994)	14% (2008)
Gross enrollment ratio	12% (1994)	25% (2008)



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The Fatec system: a few facts

- **State investment has grown 5-fold in the Fatec system from 2005-2010**
 - No cuts in the state universities' budgets
- **Employability 1 year after graduation: 92%**
 - Some programs reach 96% or more: construction, information systems
- **Average monthly salary 1 year after graduation**
 - \$1,700 PPP (purchasing power parity)
 - About 75% of average salary in traditional academic careers
 - Follows OECD countries' average



The Fatec system: a few facts

- **Each campus has programs in areas related to the local or regional economy**
- **Gradual process of internationalisation**
 - Argentina
 - United States (English training)
 - Spain (Top España – Santander)
 - One of sites of Global Game Jam 2011 (GGJ)



Thank You



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