

# Online education and information systems in Mexico

Observatory for Virtual Education

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# Information systems in Mexico

# Information systems in Mexico



## National System of Statistical and Geographical Information

- [www.snieg.mx](http://www.snieg.mx)



- National Institute of Statistics and Geography (INEGI – Instituto Nacional de Estadística y Geografía)

- [www.inegi.org.mx](http://www.inegi.org.mx)

- Educational general characteristics of population: educational level, literacy, demographic data (aggregated)

# Information systems in Mexico



## Secretariat of Public Education

- [www.sep.gob.mx](http://www.sep.gob.mx)
- Secretariat of Higher Education
  - [www.ses.sep.gob.mx](http://www.ses.sep.gob.mx)
  - National and state information (aggregated)
    - Institutions: number, type (private/public), modal (scholar / non-scholar)
    - Enrollments, graduated

# Information systems in Mexico



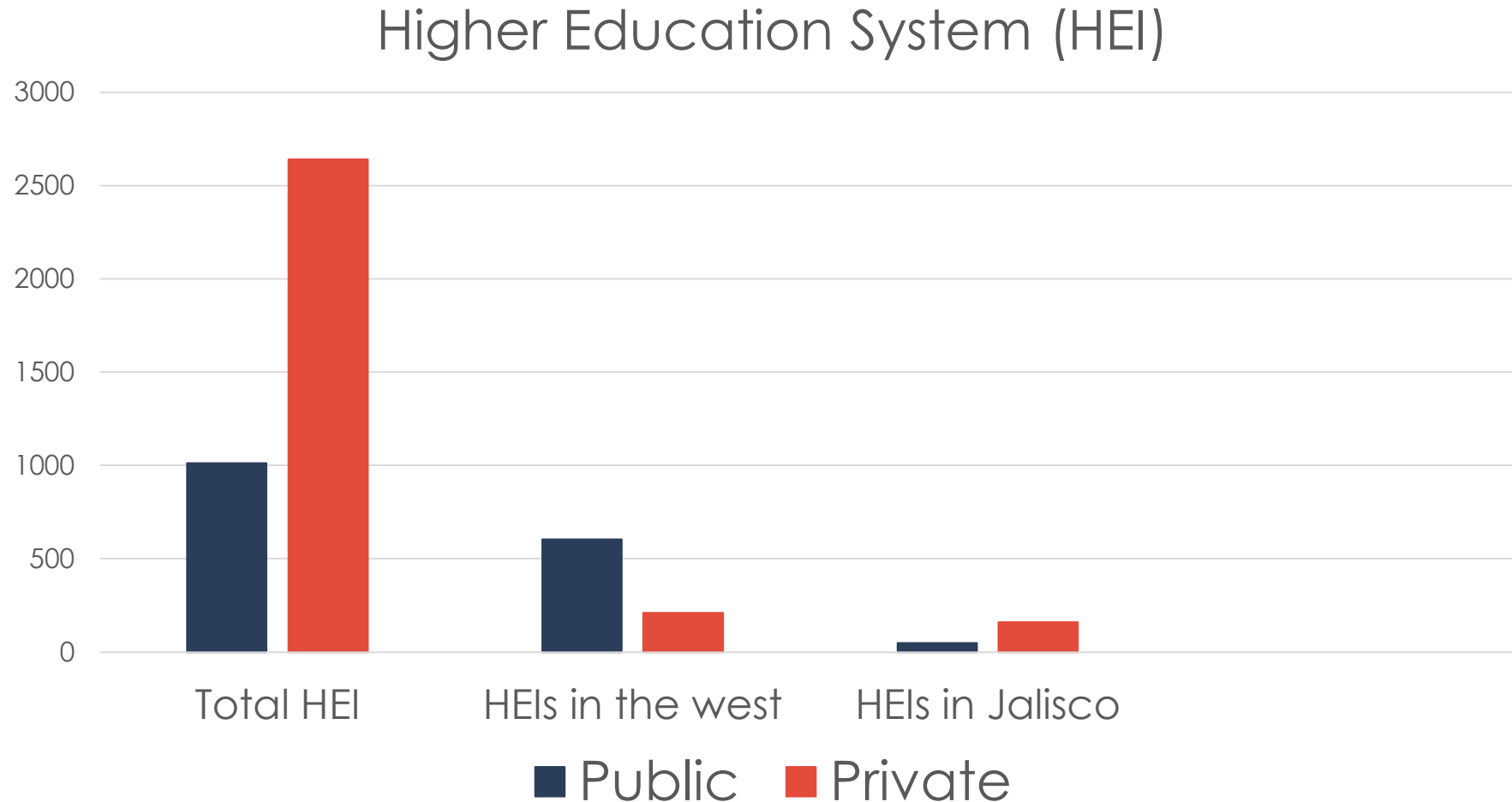
## National Association of Universities and Higher Education Institutions

*(Asociación Nacional de Universidades e  
Instituciones de Educación Superior)*

- [www.anuies.mx](http://www.anuies.mx)
- statistical yearbooks: 2010-2016
  - 187 members (HEIs)
  - 3011 HEIs surveyed
    - aggregated information
    - enrollments, graduated
    - demographics (gender/age/place of origin)
- Career catalogs

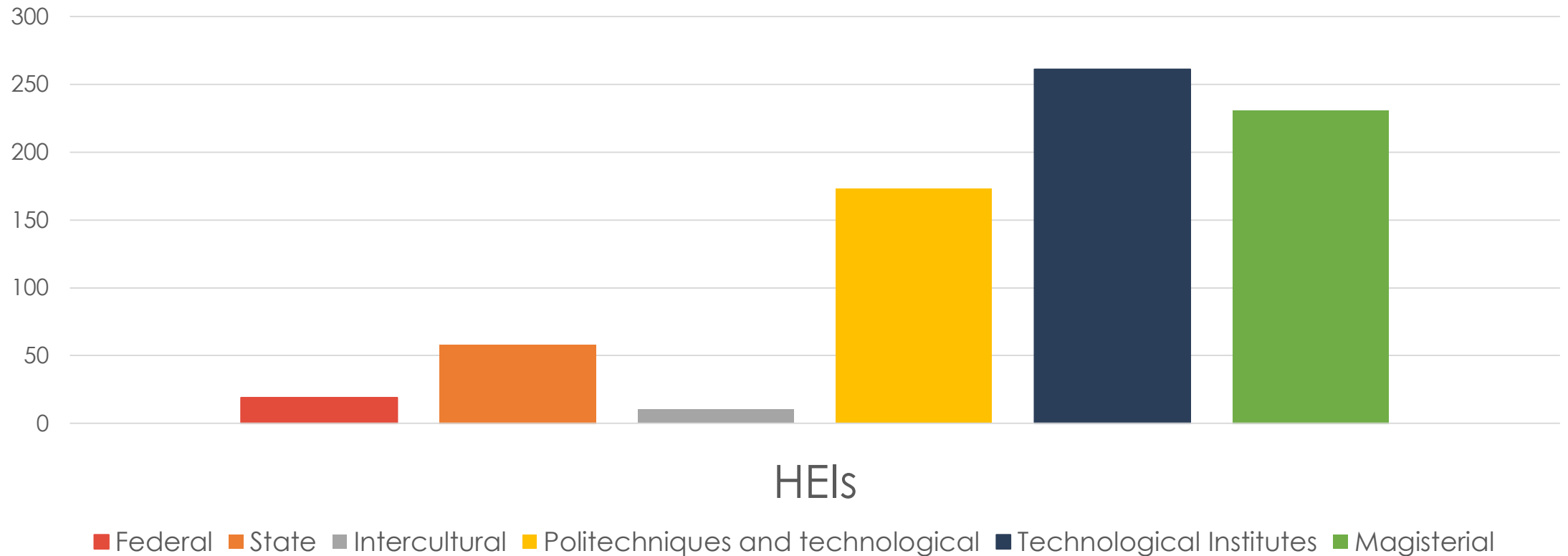
# Higher education outlook

# Higher Education Outlook: Mexico



# Higher Education Outlook: Mexico

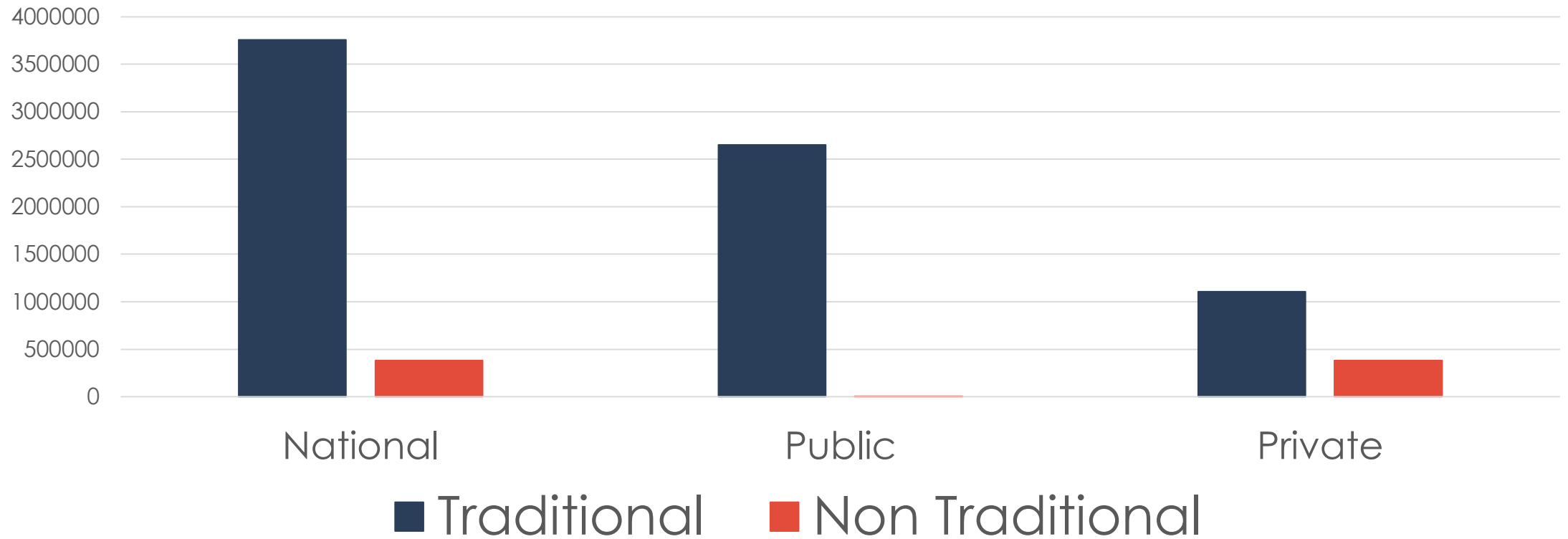
Type of Public Higher Education Institutions





# Higher Education Outlook: Mexico

## Enrollments



# Online Education issues

- OE in Mexico diagnosis (1988, 2000, 2010)
  - ambiguity in the use of terms:
    - open education / distance education
    - non-traditional / non-school education
  - lack of criteria, indicators, control systems
  - gaps in statistical information
- 2005-2014 WoS publications:
  - institutional differences in the naming of systems, the use of terms and concepts
  - failure and dropout most common issues

The need of an  
OE information system

# OE Information Systems



- Observatory of Virtual Education in Latin America and the Caribbean
  - <http://virtualeduca.org/infobasica.htm>
  - <http://virtualeduca.org/observatorio-que-es.htm>

# OE Information Systems



Common Space of Higher and Distance Education

*(ECOESaD – Espacio Común de Educación Superior a Distancia)*

- 43 HEIs members

# Our proposal



- Observatory of Education in Virtual Environments

- <http://observatoriovirtual.udg.mx:8080/login.aspx>

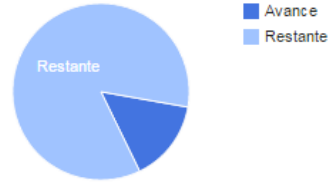
## Sistema de información

Generar indicadores estrategicos 11.7 %

01/03/2015 -  
31/03/2015

Revisar áreas del SUV

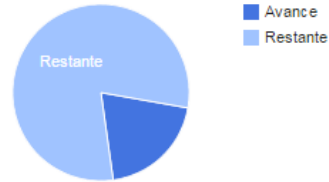
%



08/03/2015 -  
21/03/2015

Definir los 5 indicadores por cada área

%



18/03/2015 -  
31/03/2015

Seleccionar los indicadores de manera general

%



Mis proyectos

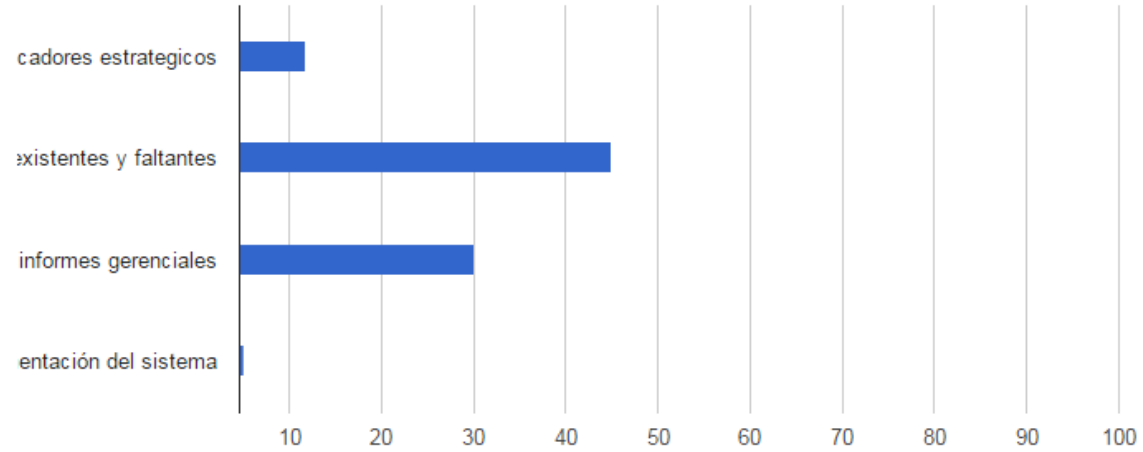
Nuevo Proyecto

Avances por actividades

Avances por objetivos

Linea del tiempo

## Sistema de información

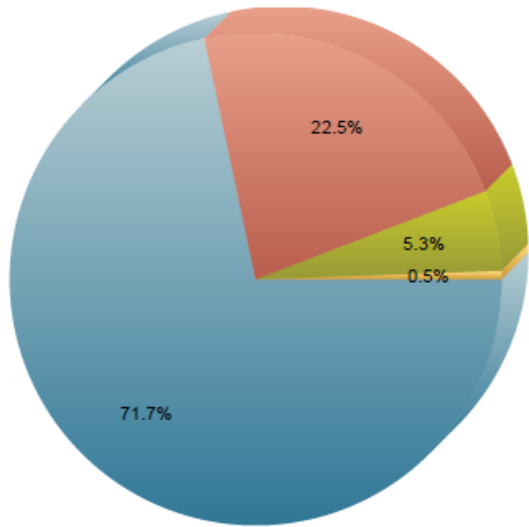




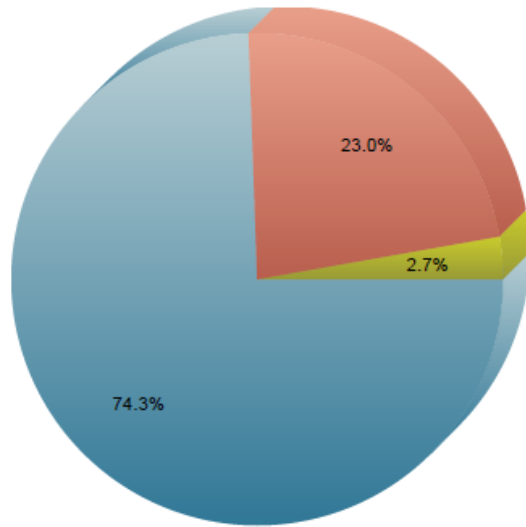
Calificador	Porcentajes
Muy claro	71.7%
Claro	22.5%
Poco claro	5.3%
Nada claro	0.5%

Calificador	Porcentajes
Muy importante	74.3%
Importante	23.0%
Poco importante	2.7%
Nada importante	0.0%

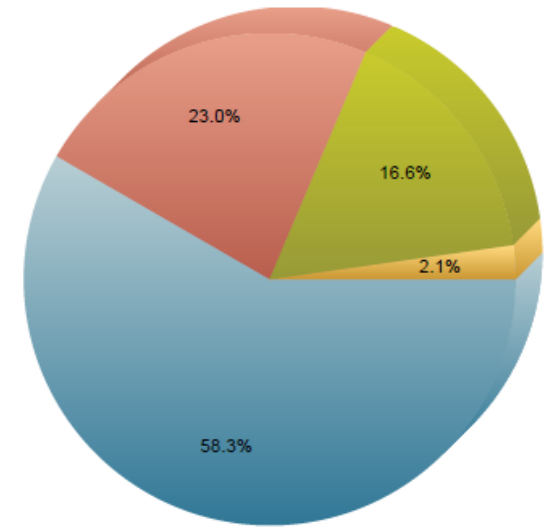
Calificador	Porcentajes
Muy fácil	58.3%
Fácil	23.0%
Poco fácil	16.6%
Difícil	2.1%



Claridad Encuestas Autoevaluación



Importancia Encuestas Autoevaluación



Facilidad Encuestas Autoevaluación

Thank you for your attention

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