

Welcome from the University of Iceland

19th Nordic Workshop on Bibliometrics and Research Policy



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Outline

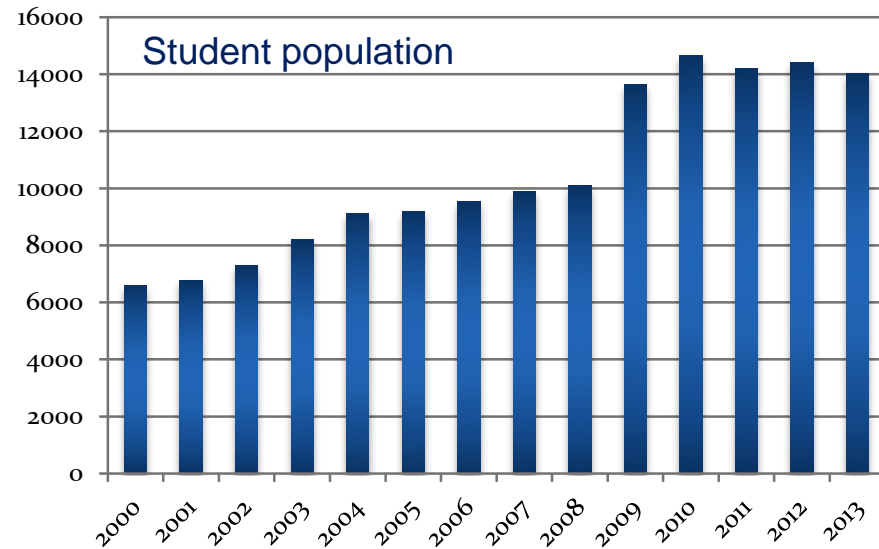
- University of Iceland – A Brief Introduction
- Research Points and Incentives
- Strategic Plans for the University of Iceland 2006-2016
- Results of Strategic Planning



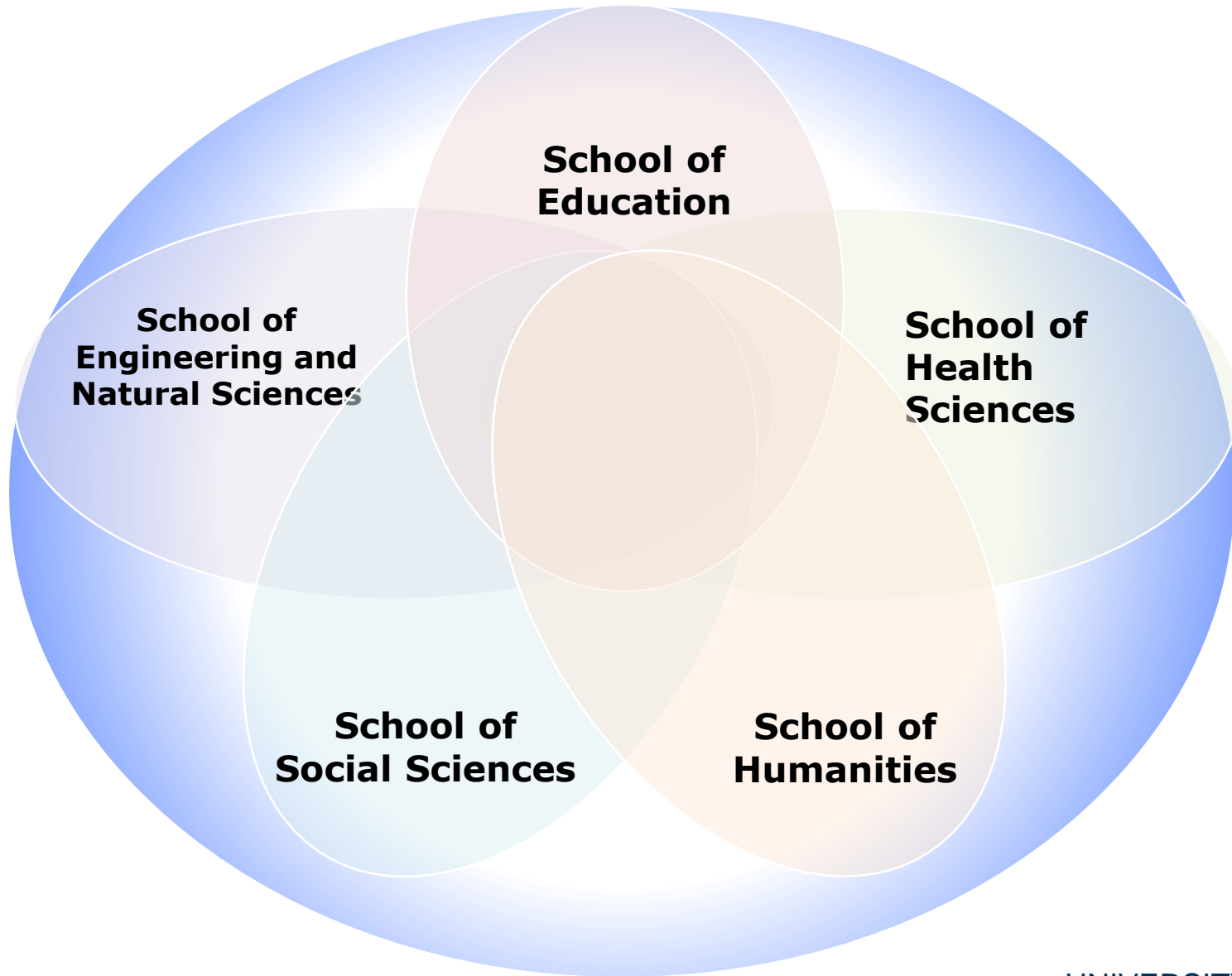
University of Iceland

A Brief Introduction

University of Iceland - Founded 1911



- Student population: 14000
 - Foreign students: 1200
- Academic staff members: 700
- Support staff: 600
- Sessional teachers: 2100
- Income
 - 2/3 governmental
 - 1/3 other sources (grants, endowments, philanthropy, etc.)





University of Iceland is now a comprehensive research university that collaborates extensively with international universities and research institutes





Research Points and Incentives



Research Points and Incentives

- Annual reporting by academic staff
 - Evaluated by six panels of experts
 - Research point system (RPS) is used
 - Same RPS used at all public universities in Iceland
- RPS has an effect on:
 - Appointments, promotion and tenure
 - Teaching load and sabbaticals
 - Basic salary and annual salary bonus
 - Financial distribution formula



RPS - Journal Articles

1. Articles in ISI-journals with top 20% highest impact factor and articles in A category on the ERIH list
 - 20 points
2. ISI journals (lower 80%), Scopus, B category on the ERIH list, and journals with 1st grade in domestic journal survey
 - 15 points
3. C category on the ERIH list and journals with 2nd grade in domestic journal survey
 - 10 points
4. Articles in journals with 3rd grade in domestic journal survey
 - 5 points



RPS - Books and Book Chapters

1. Most recognized academic publications of the world
 - Up to 100 points (20 points for book chapters)
2. International peer-reviewed publications and national peer-reviewed publications with international dimension
 - Up to 75 points (15 points for book chapters)
3. Peer-reviewed publications (Icelandic or foreign) primarily aimed at the domestic academic community
 - Up to 50 points (10 points for book chapters)
4. Other books, normally aimed at the domestic academic community
 - Up to 25 points (0-5 points for book chapters)



Basic Salary and Annual Bonus

- New staff is placed in pay grids by their earlier productivity in research and teaching
- Points from the annual evaluation are added to the total points each year
- The variation in basic salary is relatively high
- Annual salary bonus is on average 12,5% of total salary



Financial Distribution Formula

- Distribution of basic budget for research between Schools
- Variables in the model:
 - Three year average of research points
 - External grants form competitive research funds. Matching contributions:
 - Foreign, competitive 60%
 - Domestic, competitive 35%
 - Non competitive income 20%
 - Graduation premium for masters- and Ph.D. students



Strategic Plans for the University of Iceland 2006 -2016



Strategic Plan for the University of Iceland 2006 – 2011 – First Phase

- In light of three external evaluations of the University of Iceland in 2005, the University of Iceland approved a Strategic Plan for 2011-2016:
- The University's goal is to be a leading university:
 - Excellence in research and innovation
 - Excellence in teaching
 - Excellence in administration and support services



Strategic Plan 2006-2011

- **Excellence in Research and Innovation**
 - Boost research activity
 - Quintuple the number of awarded PhD degrees
 - Target is that foreign students comprise 30% of total number of doctoral students in 2011
 - Double the number of papers published in ISI journals



Significant Consequences of Strategic Plan 2006-2011

- Performance based contract signed with the Icelandic government in 2007 to increase state funding
 - Yearly reporting with 40 performance indicators
- Yearly successive increase in state funding
 - until cuts in 2009
- Significant increase in performance





2nd Phase: UoI Strategic Plan 2011–2016

- Continued on the same path of aiming to be a leading university
- *The University of Iceland Strategic Plan 2011–2016* has four chapters:
 - Research and innovation
 - Education and teaching
 - Human Resources
 - Social Responsibility
- Key indicators have been defined to monitor the execution of the strategy and evaluate the performance
- The University continues to give yearly report to the Ministry on Education and Culture on the execution and performance of the strategic plan



Results of Strategic Planning



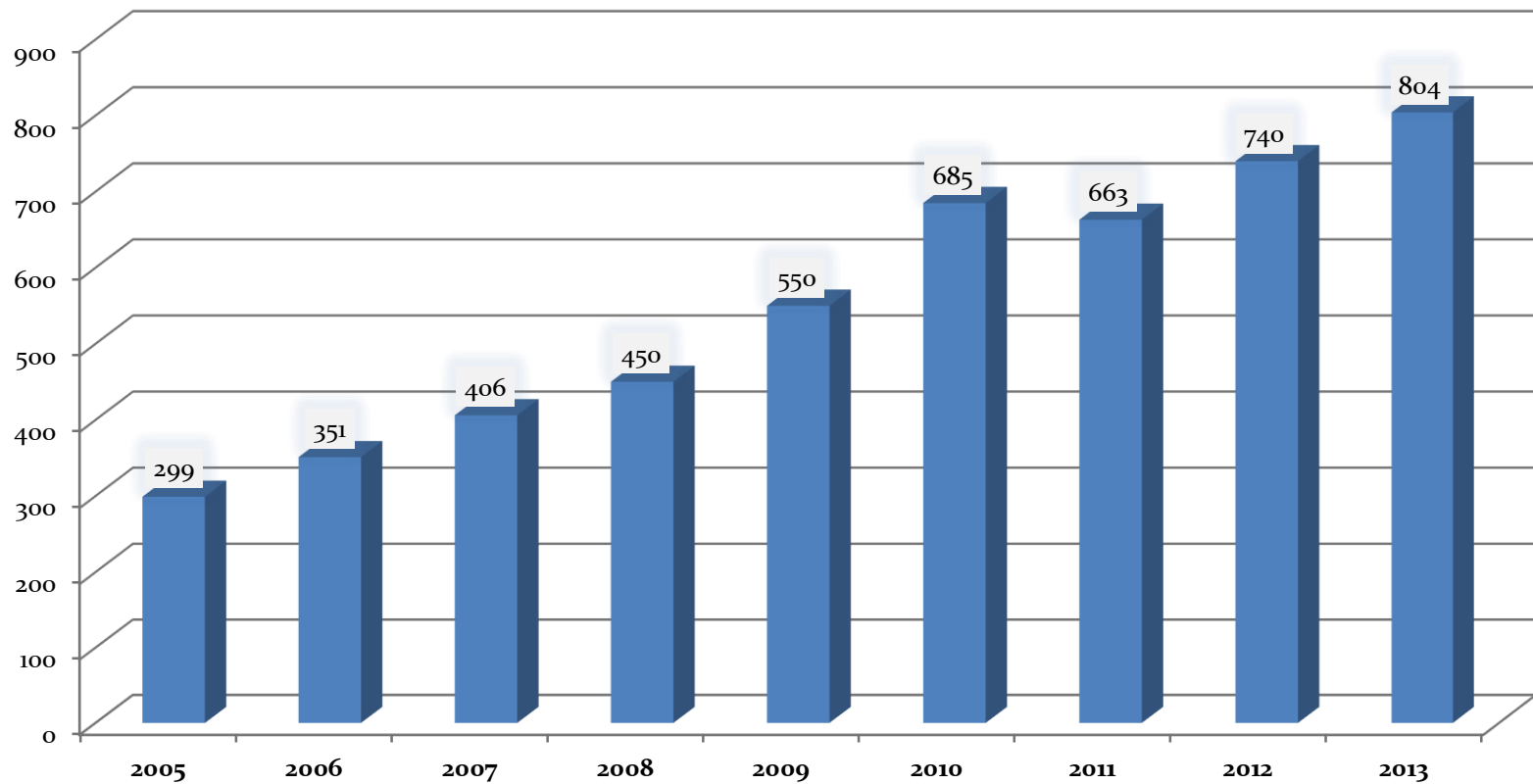
University of Iceland's Strategic Plan 2006–2014: Results

- University of Iceland is ranked #269 in the 2013 Times Higher Education World University Rankings
 - Ranked in top 300 since 2011
- PhD education strengthened substantially
 - PhD graduations increased from 13 to 60+ (2005–2014)
 - Graduate School for quality assurance formed in 2009
- Research output increased significantly
 - Articles in peer reviewed international journals increased by 169% (2005–2013)
 - 45% of ISI papers are in 20% highest impact category
 - Citations increased by 350% (2005–2013)
- Significant increase in proposals to international research funds
 - Funding from international research funds increased by 300% (2005–2013)
- Innovation
 - 10 start up companies formed from 2006–2011
 - Approximately 5 patents granted per year



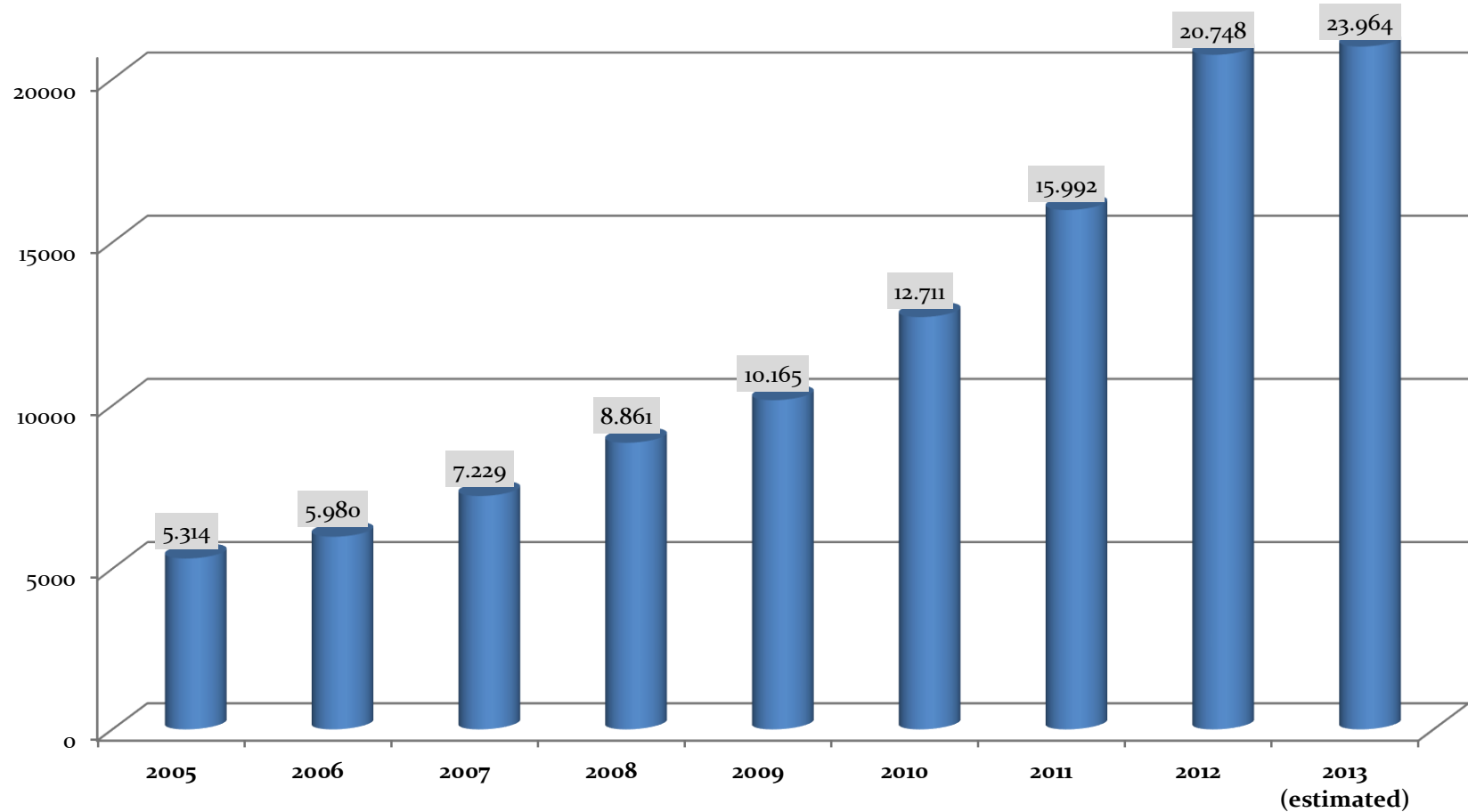


Number of Articles in ISI Publications 2005-2013



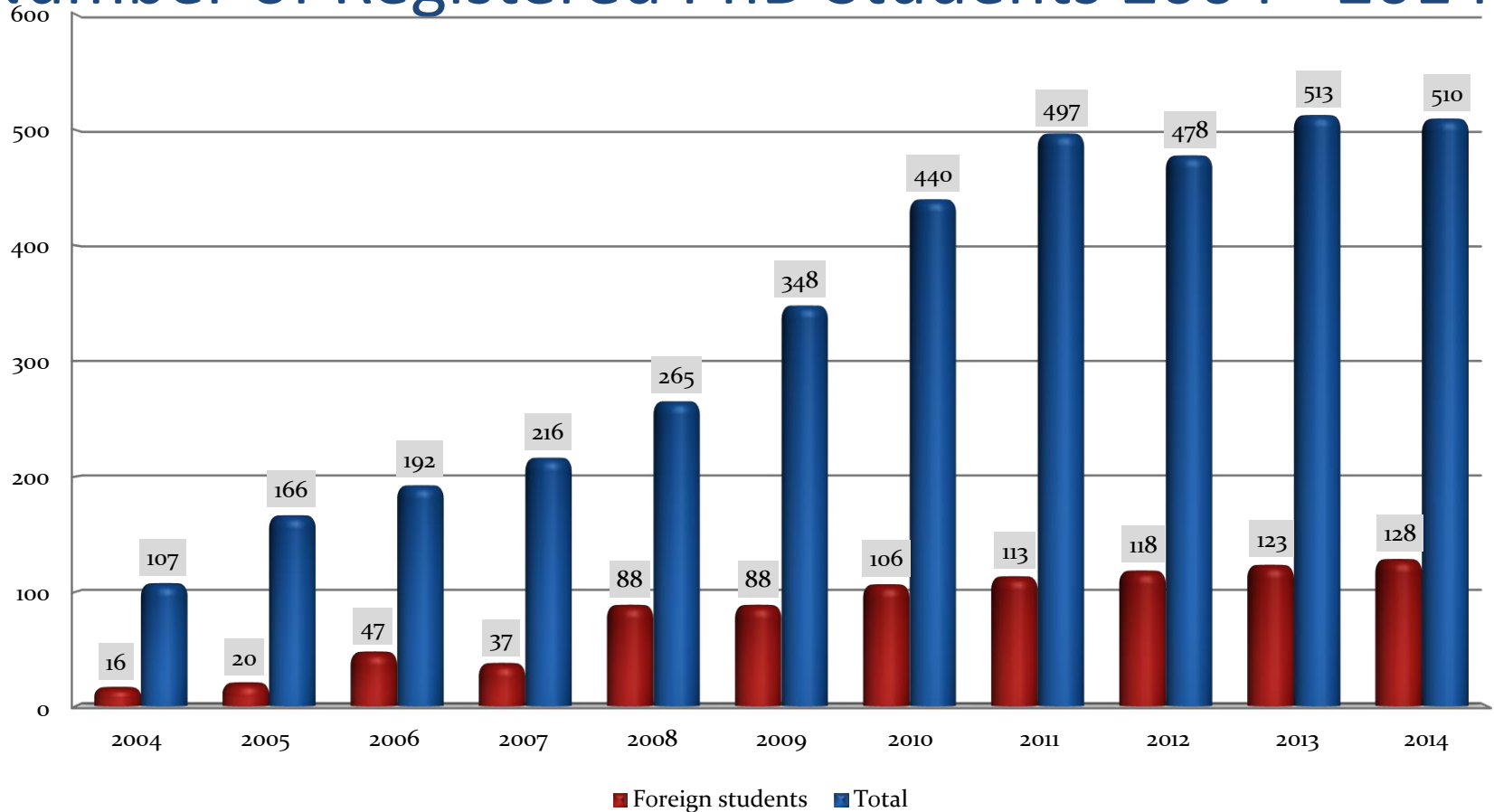


Number of Citations 2005-2013



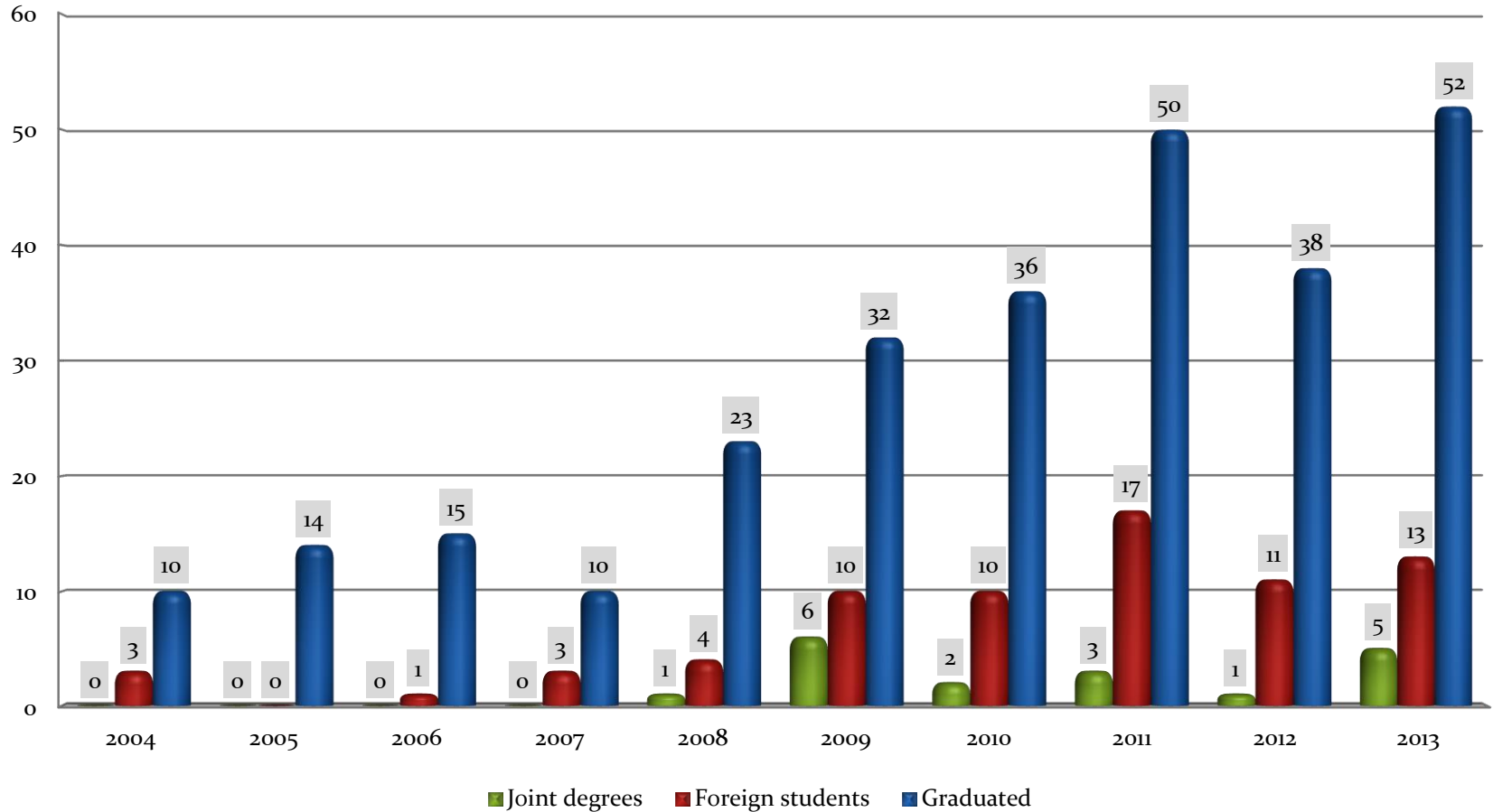


Number of Registered PhD Students 2004 - 2014





Number of PhD Graduations 2004 - 2013





Importance of Bibliometric Indicators

- Accurate bibliometric indicators are very important:
 - Accountability towards government and funding agencies
 - To evaluate research performance of staff, faculties, etc
 - To analyze the growth rate of publications and citations
 - To analyze the research profile in order to compare with others
 - To identify strong research fields and level of specialization
- Essential for universities, research institutes and governments to have access to work of specialists in developing and discussing state-of-the-art bibliometric indicators





Number of Articles in ISI Publications 2005-2013

