

ESTONIA

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|--------------|-----------------------|
| CAPITAL | Tallinn |
| REGION | Europe & Central Asia |
| INCOME GROUP | High income: OECD |
| CURRENCY | Euro |

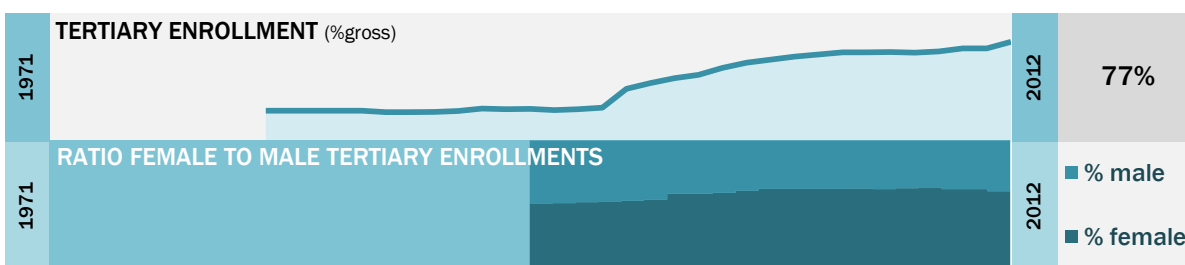
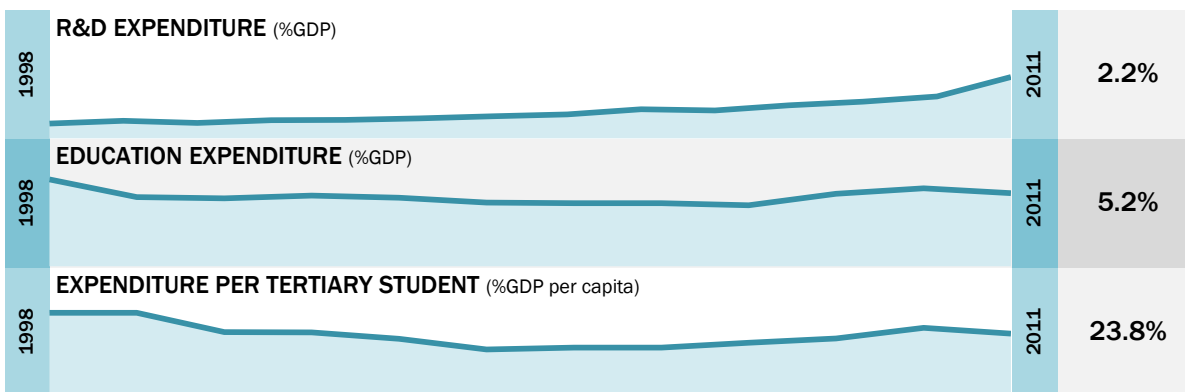
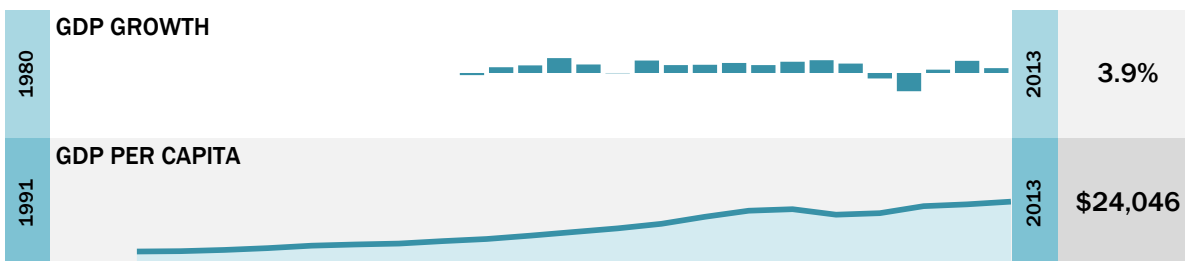
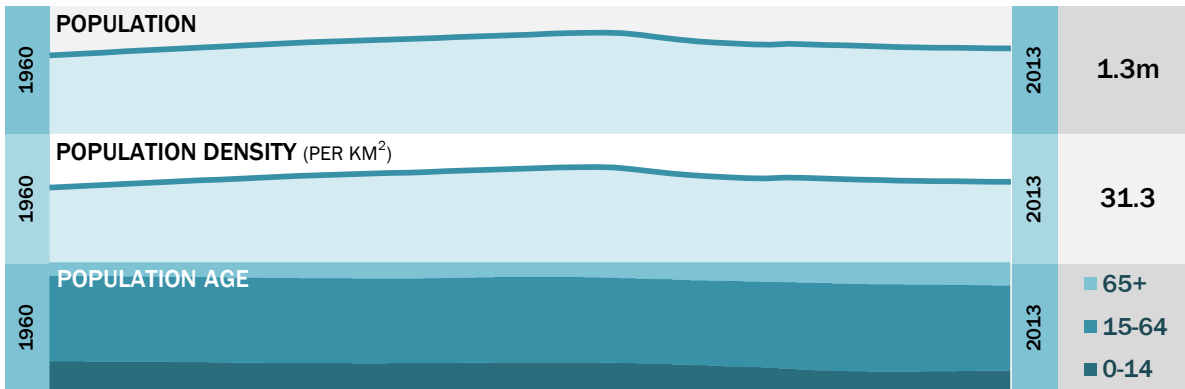
| | |
|-----------------------------------|-----------------|
| INSTITUTIONS SURVEYED / RANKED | 6 / 2 |
| AVG INSTITUTION AGE | 239 |
| AVG INSTITUTION SIZE | 12,678 students |
| AVG INST OUTPUT | 4,382 papers |

DEMOGRAPHICS & ECONOMICS

Source: World Bank
World Development Indicators
Updated July 2014

DEMOGRAPHICS & ECONOMICS

2



QS SURVEY PERFORMANCE

| QS GLOBAL ACADEMIC SURVEY | |
|---------------------------|---------------------------------|
| Response Count | 90 |
| % Global | 0.16% |
| Rank by response | 65 |
| Average seniority | Professor / Associate Professor |
| Dept head or higher | 48 |
| Avg. yrs in academia | 23 |

| QS GLOBAL EMPLOYER SURVEY | |
|---------------------------|-------------------------------------|
| Response Count | 9 |
| % Global | 0.04% |
| Rank by response | 79 |
| Average seniority | Director / Partner / Vice President |
| Top responding sector | Public Sector / Govt. / Non-profit |

QS CLASSIFICATIONS



FIGURE 1 QS Classifications by institution count: Estonia vs. Global

OVERALL RANKINGS RESULTS

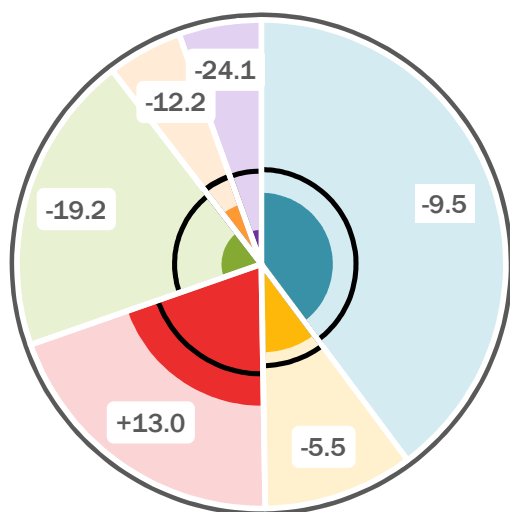


| RANGE | 2011 | | 2012 | | 2013 | | 2014 |
|----------------|----------|---|----------|---|----------|---|----------|
| 1-100 | 0 | | 0 | | 0 | | 0 |
| 101-200 | 0 | | 0 | | 0 | | 0 |
| 201-300 | 0 | | 0 | | 0 | | 0 |
| 301-400 | 0 | | 0 | | 0 | ● | 1 |
| 401-500 | 0 | | 0 | ● | 2 | ● | 0 |
| 501-600 | 1 | ● | 1 | ● | 0 | ● | 1 |
| 601-700 | 0 | | 0 | | 0 | | 0 |
| 701-800 | | | | | 0 | | 0 |
| OVERALL | 1 | | 1 | | 2 | | 2 |

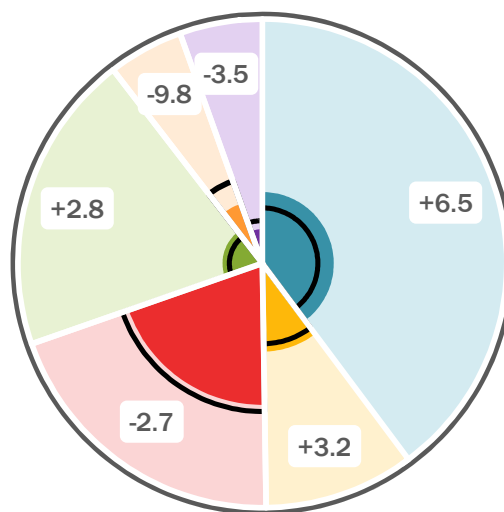
● improved ● unchanged ● declined

FIGURE 1 Number of institutions featured in the given range over the past four years

Estonia vs. Global Average



Estonia - 2014 vs. 2013



■ ACADEMIC REPUTATION ■ EMPLOYER REPUTATION ■ FACULTY STUDENT
 ■ CITATIONS PER FACULTY ■ INTERNATIONAL FACULTY ■ INTERNATIONAL STUDENTS

FIGURE 1 Indicator variances from global averages and last year's performance (denoted by the black ring)

OVERALL RANKINGS RESULTS

TOP UNIVERSITIES - ESTONIA



| | INSTITUTION | 2014 GLOBAL | 2013 GLOBAL | |
|----|----------------------------------|-------------|-------------|--|
| #1 | University of Tartu | 379= | 461-470 | |
| #2 | Tallinn University of Technology | 501-550 | 441-450 | |
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TOP UNIVERSITIES - ESTONIA

NATIONAL SYSTEM STRENGTH - QS SAFE

Since 2008, QS has blended the ranking results with other country data to compile a ranking of higher education systems. It uses four indicators:

S **SYSTEM**
Indexed score based on the collective performance of institutions in the QS World University Rankings®

A **ACCESS**
Score based on the number of places at ranked universities factored against the size of the population

F **FLAGSHIP**
Score based on the position of the top performing university in the country in the QS World University Rankings®

E **ECONOMIC**
An index based on the number of ranked universities factored against economic strength (GDP per capita)

| | | 2010 | 2011 | 2012 | 2013 | 2014 | |
|-------------|-------|------|------|------|------|------|-----------|
| S | SCORE | | 1.8 | 2.3 | 2.5 | 1.9 | 49 |
| | RANK | | 59 | 58 | 49 | 49 | |
| A | SCORE | | | | 41.3 | 24.4 | 36 |
| | RANK | | | | 30 | 36 | |
| F | SCORE | | 4.4 | 10 | 32.8 | 57.4 | 45 |
| | RANK | | 51 | 52 | 48 | 45 | |
| E | SCORE | | 0.6 | 1.2 | 4.9 | 4 | 49 |
| | RANK | | 61 | 63 | 47 | 49 | |
| SAFE | SCORE | | 1.7 | 3.4 | 20.4 | 21.9 | 47 |
| | RANK | | 60 | 58 | 46 | 47 | |

More information on: www.iu.qs.com

INTERNATIONAL STUDENT FLOWS

INTERNATIONAL STUDENT FLOWS



TOTAL INBOUND
2,695
Growth 2000-12: 212.3%



TOTAL OUTBOUND
6,065
*reported destinations



OECD (2014), Education at a Glance 2014: OECD Indicators, OECD Publishing.
<http://dx.doi.org/10.1787/eag-2014-en>

FACULTY AREA PERFORMANCE



QS has produced results in these five faculty areas since 2004. Until 2012 they were based purely on academic reputation but from 2013 they were refined to embrace other indicators on a similar basis to our rankings in narrower fields. Read more on www.iu.qs.com.

| FACULTY AREA | ESTONIA | | | GLOBAL | | | vs. Global |
|--------------------------|-----------|------|------|--------|------|------|------------|
| | Indicator | 2013 | 2014 | 2013 | 2014 | 2014 | |
| Arts & Humanities | 50.3 | ● | 57.3 | 53.9 | ● | 65.4 | ● |
| Engineering & Technology | 51.3 | - | - | 57.6 | ● | 72.2 | - |
| Life Sciences & Medicine | 51.5 | - | - | 56.4 | ● | 67.0 | - |
| Natural Sciences | 52.7 | - | - | 59.7 | ● | 72.0 | - |
| Social Sciences & Mgmt | 49.4 | ● | 59.8 | 55.9 | ● | 69.6 | ● |

FIGURE 1 Average score by faculty area, year on year, Estonia and Global

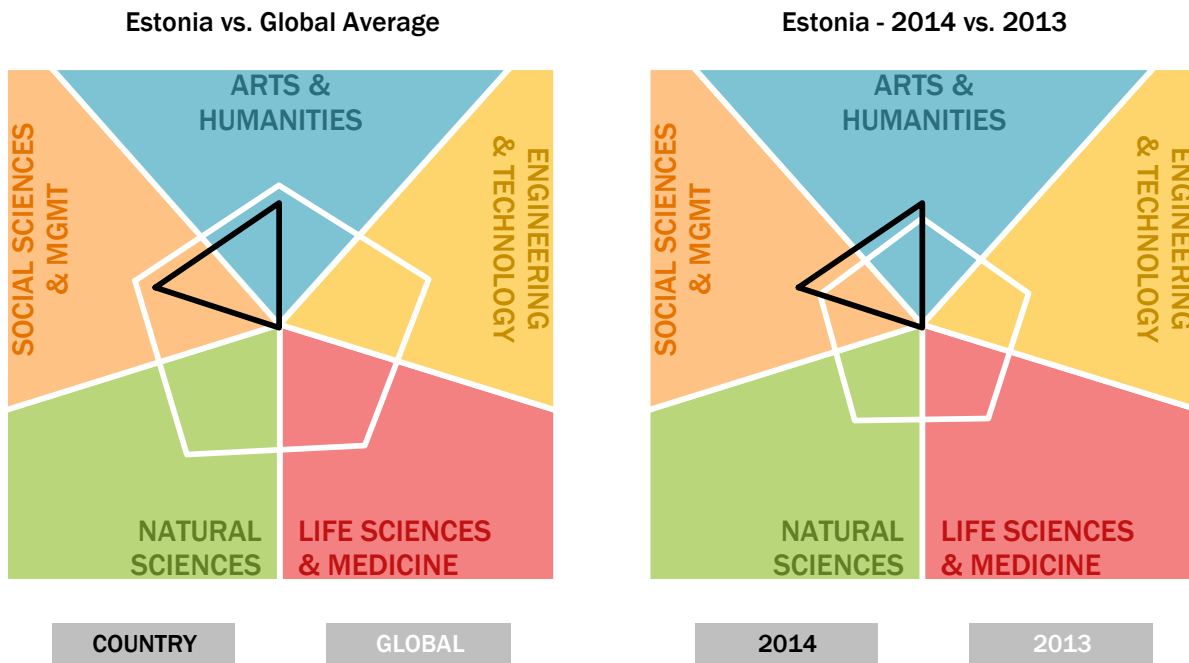


FIGURE 1 Average score by faculty area, year on year, Estonia and Global

TOP UNIVERSITIES BY FACULTY AREA

TOP UNIVERSITIES BY FACULTY AREA

6

ARTS & HUMANITIES

- 1 University of Tartu [302=]
- 2
- 3
- 4
- 5

- 1
- 2
- 3
- 4
- 5

ENGINEERING & TECHNOLOGY

LIFE SCIENCES & MEDICINE

- 1
- 2
- 3
- 4
- 5

- 1
- 2
- 3
- 4
- 5

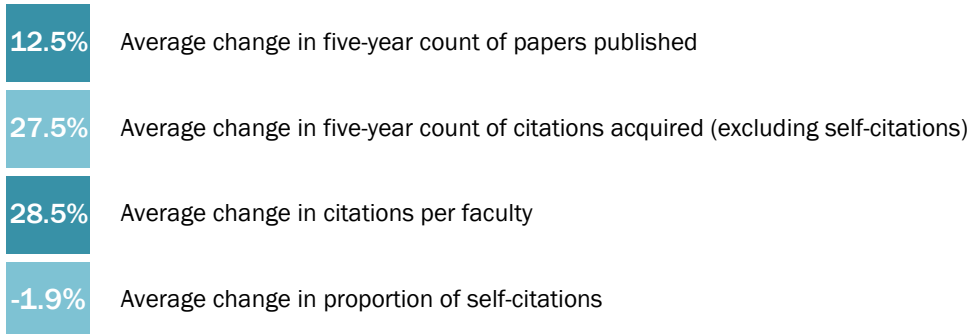
NATURAL SCIENCES

SOCIAL SCIENCES & MANAGEMENT

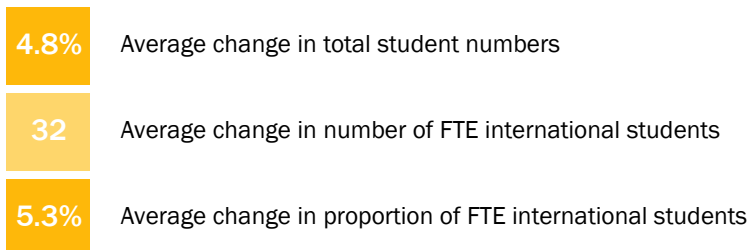
- 1 University of Tartu [394=]
- 2
- 3
- 4
- 5

TREND INDICATORS

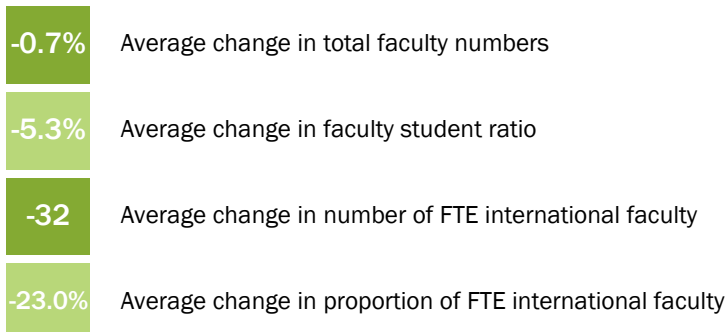
RESEARCH PRODUCTIVITY & QUALITY



STUDENT NUMBERS & DEMOGRAPHICS



FACULTY PROVISION



SUMMARY

The QS World University Rankings® have been published since 2004. Whilst the headline measures have not changed since 2005, the methodology has undergone persistent refinement as reflected in the timeline and a number of other evaluations have, furthermore, been added to the QS portfolio over the past ten years.

2014 marks the celebration of ten years of the QS World University Rankings®. November will see the release of a retrospective book examining the evolution as well as the impact of the rankings over the past decade, and the journey travelled by some of the world's best institutions. Rankings have been part of a transformative period in international higher education and the next ten years promise to be no less dramatic.



A tenth anniversary retrospective on rankings and their impact on global higher education will be published in November

Whether or not you approve of our methodology or agree with our results, it is clear that rankings are becoming an increasingly influential factor in a diverse range of decisions - from students choosing a university, to institutions selecting partners, from governments setting immigration policy, to scholarship providers shortlisting applicants.

In 2013, over 1.1m distinct people visited topuniversities.com in the first week after launch, over 2.4m in the first month comprising over 12.5m page views. There is no denying the popularity and impact of rankings - the QS rankings in particular.

Inevitably, there will always be ups and downs in a ranking and we recognise that universities cannot be fully summed up by a single number - which is exactly why QS has evolved a broader range of evaluations designed to highlight excellence in different aspects and contexts. QSIU is always seeking new ideas for further development.

UNDERSTANDING THIS COUNTRY REPORT

Data from multiple sources has gone into creating this country report:

1. World Bank indicators have been selected which have a bearing on higher education
2. Where available OECD data on the migration of students has been included for the top five origin and destination countries
3. The QS World University Rankings(R) have been sliced and diced to give an indication of the collective strength of universities
4. QS SAFE measures are featured to look at the actual vs. expected system strength

Hopefully in the main, the report is self-explanatory, the objective has been clear visuals and a concise tone, but if there are unanswered questions or clarifications, ideas for refinements or you need reproducible graphics, please get in touch and we'll see what we can do.

RANKINGS TIMELINE

2004

QS World University Rankings® launch in October - 200 institutions featured

2005

Employer Reputation introduced

2006

Fact files dispatched for the first time

2007

Switch to Scopus; FTE as standard; normalization introduced

2008

QS SAFE System Strength analysis first conducted; Domestic and international responses isolated in survey analysis - 604 institutions featured

2009

Qualtrics employed for surveys; Asia ranking launched

2010

Damping introduced; caps introduced for international indicators; international advisory board established

2011

Subject rankings launched; self-citations excluded; Latin America ranking begun - 713 institutions featured in world ranking

2012

QS Best Student Cities and QS Top 50 Under 50 launched

2013

BRICS ranking launched; H-index added to subject rankings; subject approach applied to faculty areas - 834 institutions in world ranking

ABOUT QSIU

The QS Intelligence Unit (QSIU) was formed in 2008 from the team that had been operating the QS World University Rankings® since 2004. The team now comprises more than 20 people from 15 countries people and. In addition to these rankings, by the end of 2014, QSIU will have published five regional rankings, discipline level rankings in 30 separate subjects, city rankings and various MBA rankings.

Through this experience, QSIU has become a leading authority on performance evaluation, management and improvement in higher education and, perhaps, the foremost independent market intelligence compiler dedicated exclusively to international higher education.

As a private company, our work attracts particular scrutiny and since our business is entirely dependent on the continued good will of higher education institutions and the trust of key stakeholders, in particular students from all over the world, we relentelessly work on building our reputation by living our values. Integrity, independence and transparency are the principles that guide and inspire our work, coupled with a passion for higher education and the constant urge to produce innovative and useful intelligence. The compilation of rankings is, and must remain, independent from everything else the company does. To this end, the QS Intelligence Unit was the first, and remains the only, compiler of global university rankings to open its practices to external scrutiny and is proud to have had a number of it's rankings "IREG Approved" as of May 2013.



For more information on QSIU, as well as its projects and services, please visit www.iu.qs.com

If you have questions or suggestions about this report please contact

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GLOSSARY

| | |
|-------------------------------|---|
| Academic Reputation | A score based on the analysis of responses gathered over a three year period in the QS Global Academic Survey |
| BRICS | A collective term for Brazil, Russia, India, China and South Africa often used in an economic context |
| Citation | A reference to one publication in the bibliography of another |
| Employer Reputation | A score based on the analysis of responses gathered over a three year period in the QS Global Employer Survey |
| Faculty Areas | Five broad subject areas used by QS to segment analysis - Arts & Humanities, Engineering & Technology, Life Sciences & Medicine, Natural Sciences, Social Sciences & Management |
| Faculty Student | A score based on the ratio between FTE faculty and student counts |
| FTE | Full Time Equivalent - a way to calculate and compare staff and student numbers independently of the balance between full-time and part-time |
| H | A score based on the H-index calculated on all papers an institution has published in a given faculty area |
| Interquartile range | The range between the 25th and 75th percentiles in any given range |
| IREG | IREG (International Ranking Expert Group) Observatory on Academic Rankings and Excellence - www.ireg-observatory.org |
| Normalization | A statistical approach designed to make distinct measures more fairly comparable |
| QS Best Student Cities | A separate evaluation of the best city destinations for international study |
| QS SAFE | System. Access. Flagship. Economic. An evaluation of national HE system strength drawing on rankings and other data inputs. |
| Qualtrics | An enterprise-level survey deployment and analysis software platform used by many HE institutions and by QS since 2009 |
| Scopus | The world's largest database of abstracts and citations of peer-reviewed literature operated by Elsevier. More on http://info.scopus.com |
| Self-citation | A citation referencing the author's own previously published work. These are excluded from all QS analysis |