



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

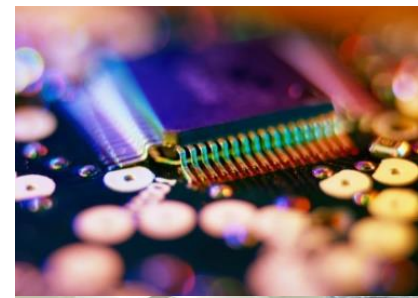
Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER

**State Secretariat for Education,
Research and Innovation SERI**

Research and Innovation in Switzerland

Anouk De Bast
Head of Science Office
Embassy of Switzerland
13 February 2020





Switzerland.

WE ARE SWITZERLAND

8,419,600 > 1/4

inhabitants

TOP 5

Foreign nationals by
country of origin:

Italy	15.2%
Germany	14.7%
Portugal	13.1%
France	6.0%
Kosovo	5.2%

Switzerland is one of
Europe's nations with the
highest proportion of
foreign residents – currently
2.1 million.

Foreign nationals
25%



Swiss nationals 75%

83.4 YEARS

Switzerland has the second
highest life expectancy,
after Japan, of all countries
in the world.

Life expectancy:

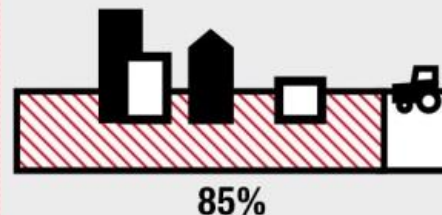
women — 85.3 years
men — 81.5 years



×2

The Swiss population has
more than doubled since the
start of the 20th century.

Most people live
in urban areas.







Switzerland is an innovation leader...

The World Competitiveness
Scoreboard 2019

Union Innovation
Scoreboard 2019

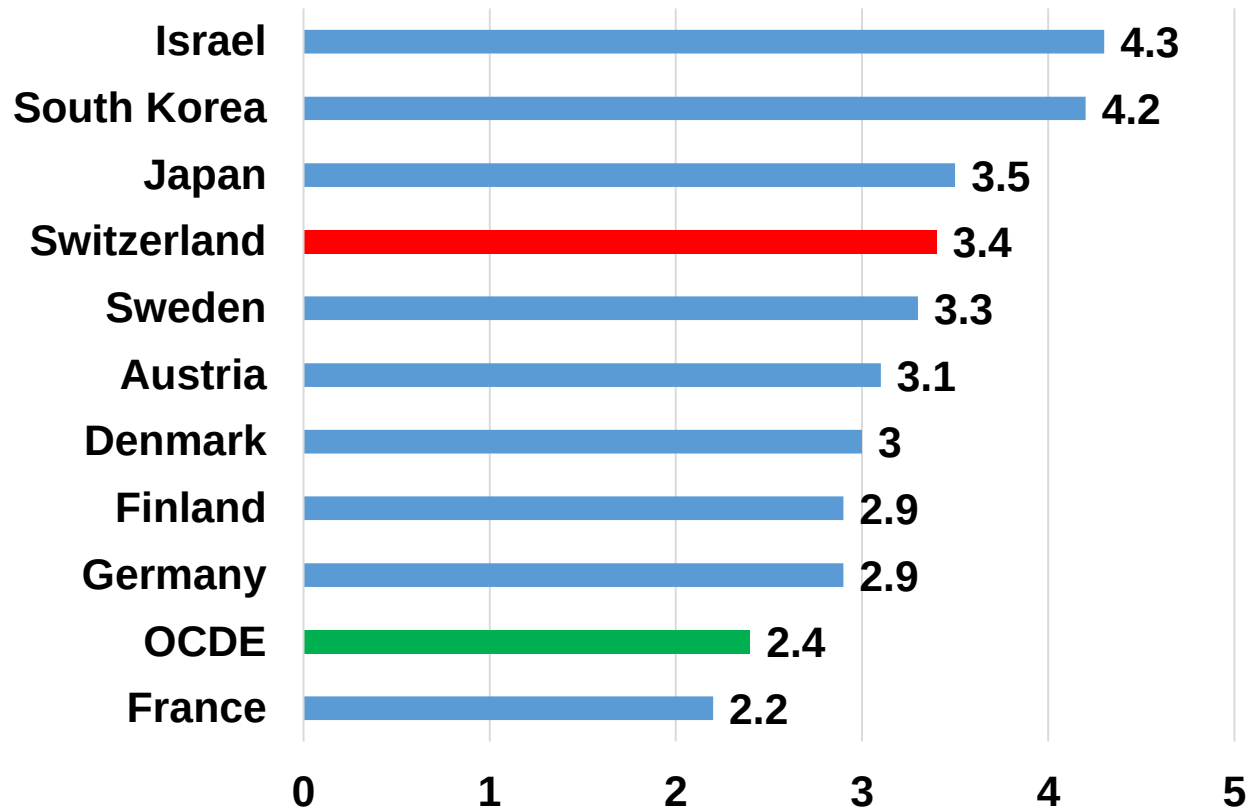
Global Innovation
Index 2019

WEF Global Competitiveness
Report 2019

First	Second	Third	Fourth
			
			
			
			



Amongst the highest investments in R&D





Swiss Universities – World-class performance

Shanghai Ranking 2019

5 Swiss HEI in the top 100

QS Ranking 2020

3 Swiss HEI in the top 100

ETHZ ranks 6th!

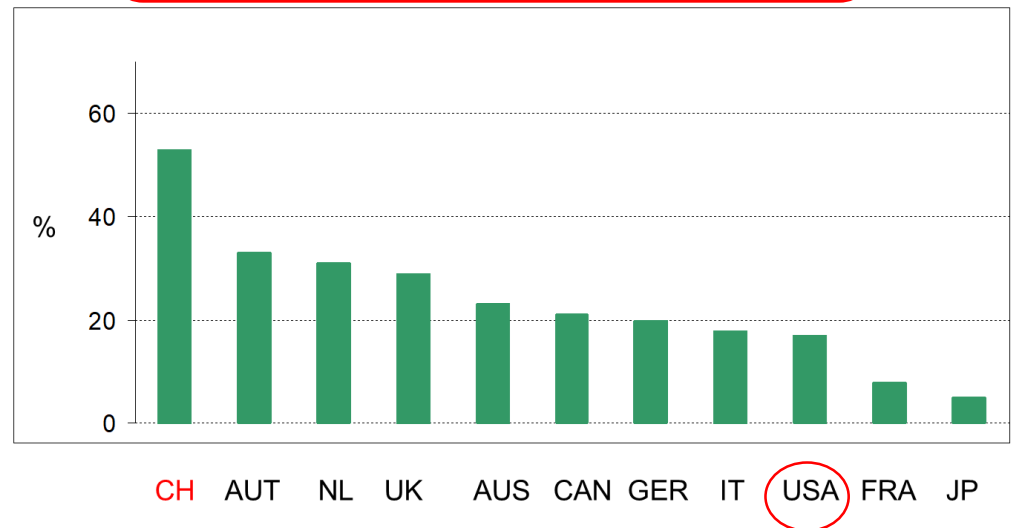
Times Ranking 2020

4 Swiss HEI in the top 100

Leiden Ranking 2019

5 Swiss HEI in the top 100

Over 50% of Swiss students are enrolled in one of the top 200 universities

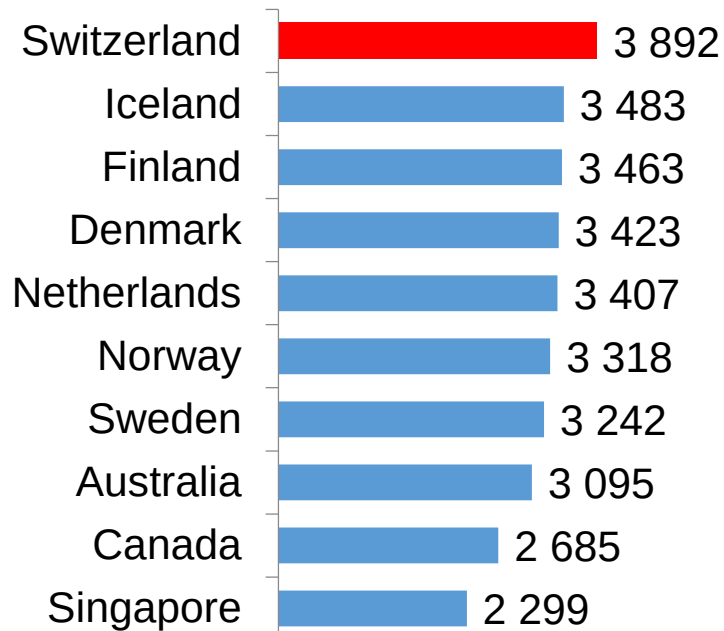




Excellence of Swiss research papers

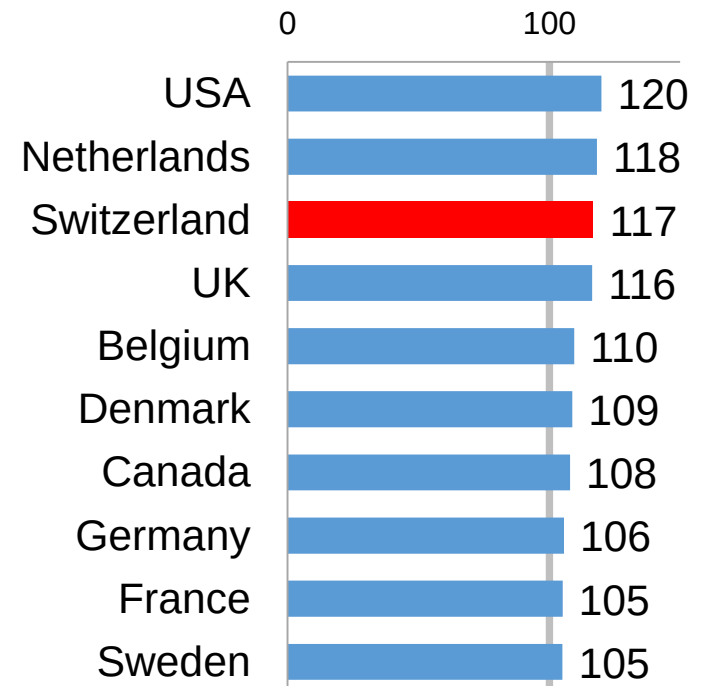
Productivity

Scientific articles per million inhabitants (2009–2013)



Impact

Relative citation indicator from scientific articles (2009–2013)





Open for International Talent and Brain Circulation

- **25% international students**
- **67% of PhD students and academic staff**
- **50% of university professors**
- **>70% of publications** result from international cooperation
- 80% of Swiss researchers have a professional experience abroad

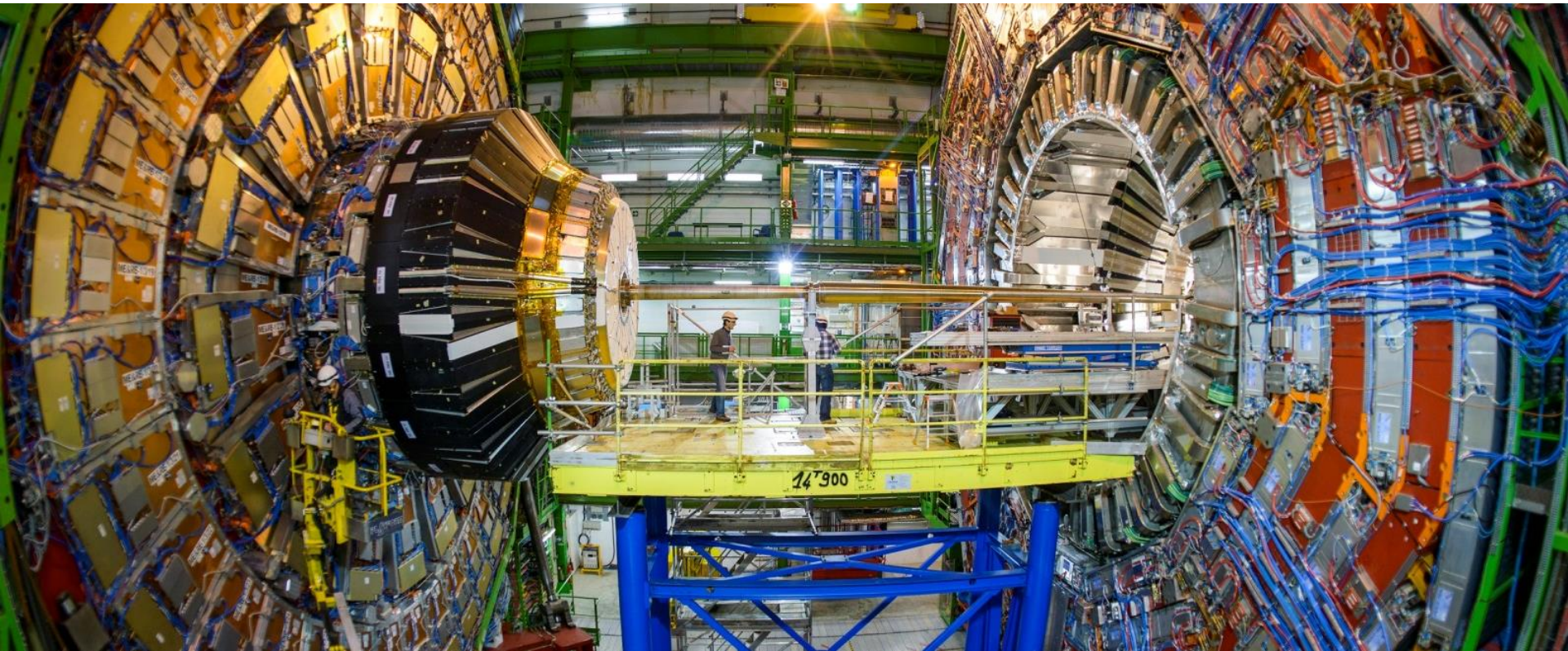
→ Substantial increase over the past 25 years

THE ranking – most international universities

Most international rank 2020	Most international rank 2019	World University Rank 2020	University	Country/Region
1	NR	126	City University of Hong Kong	Hong Kong
2	1	35	University of Hong Kong	Hong Kong
=3	4	=38	École Polytechnique Fédérale de Lausanne	Switzerland
=3	=2	=13	ETH Zurich	Switzerland
5	5	=57	Chinese University of Hong Kong	Hong Kong
6	9	10	Imperial College London	United Kingdom
=7	6	25	National University of Singapore	Singapore
=7	7	1	University of Oxford	United Kingdom
9	10	3	University of Cambridge	United Kingdom
10	8	=48	Nanyang Technological University, Singapore	Singapore

Switzerland is well connected in the global research landscape

- Member of many international research institutions including the European Space Agency (ESA) and the European Organization for Nuclear Research (CERN)
- Associated country to the EU's Horizon 2020



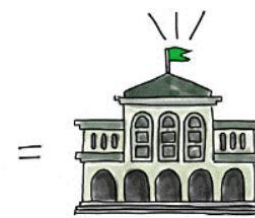


A Great Variety of Study Options

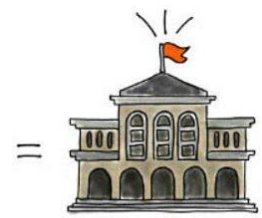
DIFFERENT BUT EQUIVALENT



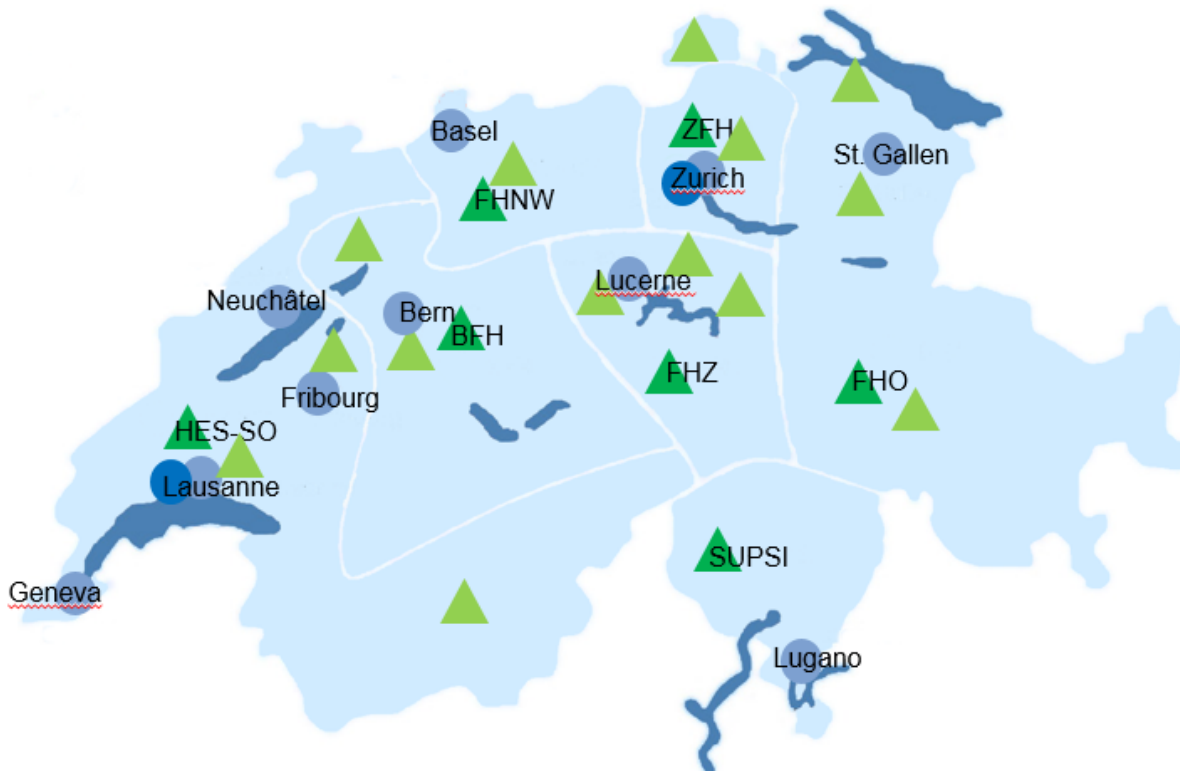
UNIVERSITIES



UNIVERSITIES OF
APPLIED SCIENCES
AND ARTS



UNIVERSITIES OF
TEACHER EDUCATION



-  7 Universities of Applied Sciences
-  14 Universities of Teacher Training
-  10 Cantonal Universities
-  2 Federal Institutes of Technology



Meet Swiss Universities



ETH Zurich



EPFL



University of Zurich



University of Geneva



University of Bern



University of Basel



University of Lausanne



University of Fribourg



University of St. Gallen



University of Neuchâtel



Università della Svizzera italiana



University of Lucerne



Opportunities in Switzerland



SWISS NATIONAL SCIENCE FOUNDATION

The Swiss National Science Foundation:

- is Switzerland's foremost research funding agency
- invests each year ca. USD 1 billion in over 3200 projects, involving 14,600 researchers
- invests in young researchers
- promotes gender equality
- Find out more: www.snf.ch/en



SNSF Individual Mobility



SWISS NATIONAL SCIENCE FOUNDATION

- Enables researchers in Switzerland to organize scientific conferences and workshops, as well as visits by Swiss researchers to other countries or visits by researchers from abroad to Switzerland
- Duration: 2-5 days / 1-6 months
- Covers the travel expenses and room and board costs of researchers taking part in the events or of visiting researchers



SNSF Sinergia



SWISS NATIONAL SCIENCE FOUNDATION

- Promotes collaborative and interdisciplinary research that has the potential to shift paradigms (breakthrough)
- 2-4 applicants and their groups collaborate closely in a network
- If at least 2 groups are in Switzerland, a group from abroad can be included (2+1, 3+1)
- Grants for 4 years and up to CHF 3.2 million



SNSF Ambizione



SWISS NATIONAL SCIENCE FOUNDATION

- Research in Switzerland
(«returning» or «incoming»)
- Ambizione grant: own salary, project funding, personnel,
possibly doctoral student
- Ambizione project grant: project funding, personnel,
possibly doctoral student
- Duration: 4 years (no extension)



SNSF SPIRIT



SWISS NATIONAL SCIENCE FOUNDATION

- Swiss Programme for the International Research Investigation Teams: **2-4 research teams across borders**
- At least 1 applicant engaged in research in Switzerland and 1 in research in a partner country
- Eligible costs: at least 30% of budget used for research in Switzerland, 30% in partner countries
- Deadline: at least 14 months before project starts



Fulbright / Swiss Government Excellence Scholarships

- Monthly stipend and airfare
- Open for research or PhD degree programs in all disciplines & for master's degree programs in the Arts
- Up to 10 grants available each year
- Grant period: Up to 12 months



Think Swiss: For Students

- **Summer School Travel Grant** for specific summer schools
- **Research Scholarship:** 1600\$ a month for a research internship of 2-3 months at a public institution in Switzerland

Eligibility:

- Completed their sophomore year when the stay begins
- Enrolled in a US or Canadian University
- Read the blog of past awardees: ThinkSwiss.com





Thank you!



More information:

www.snf.ch/en

www.thinkswiss.org

www.sbf.admin.ch/sbf/en/home.html

Contact: washington.science@eda.admin.ch