



# RWTH Aachen University

The Big Picture in Figures

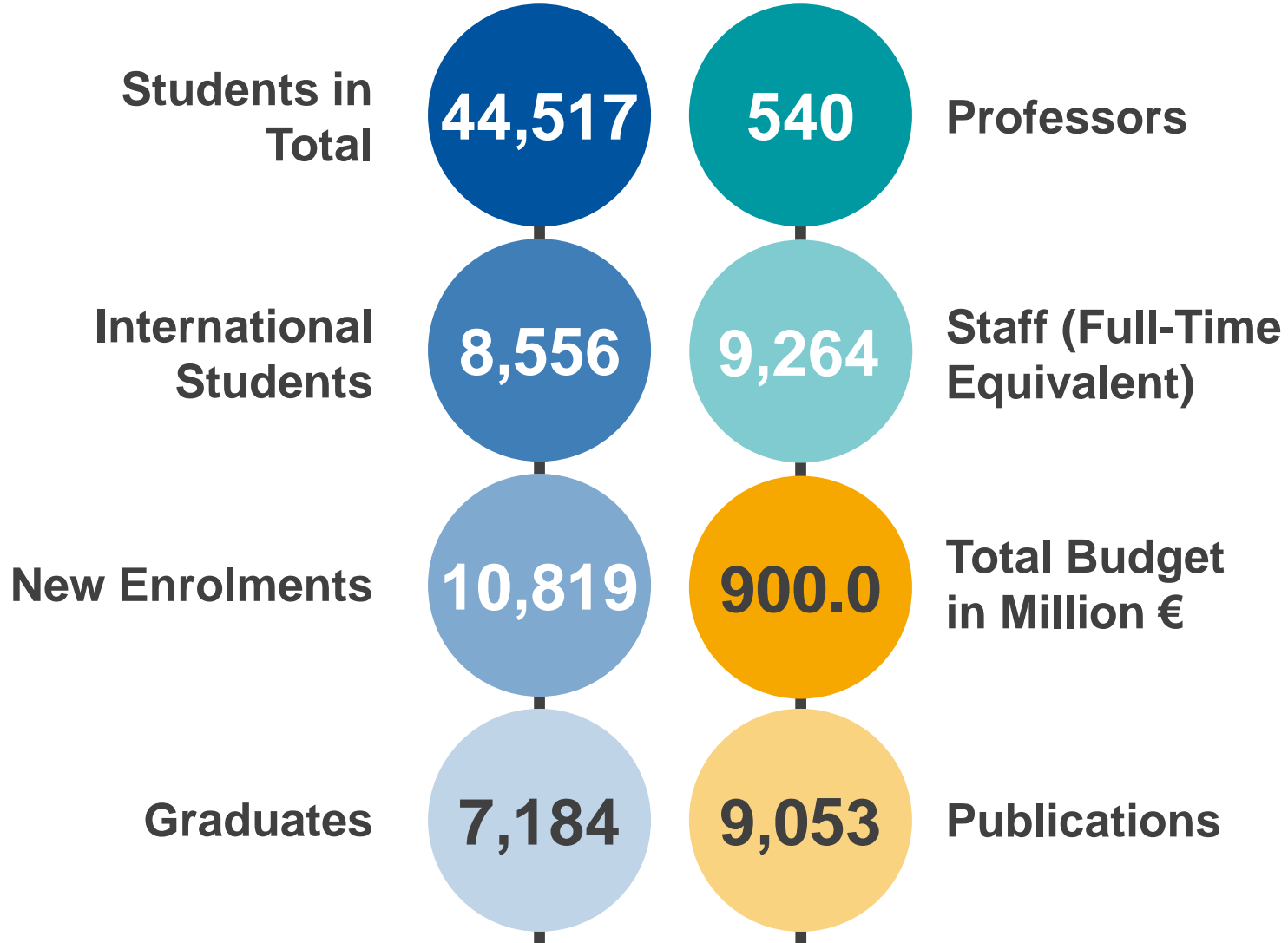
State: May 2017

**RWTHAACHEN**  
UNIVERSITY

# RWTH Aachen University

## The Big Picture in Figures

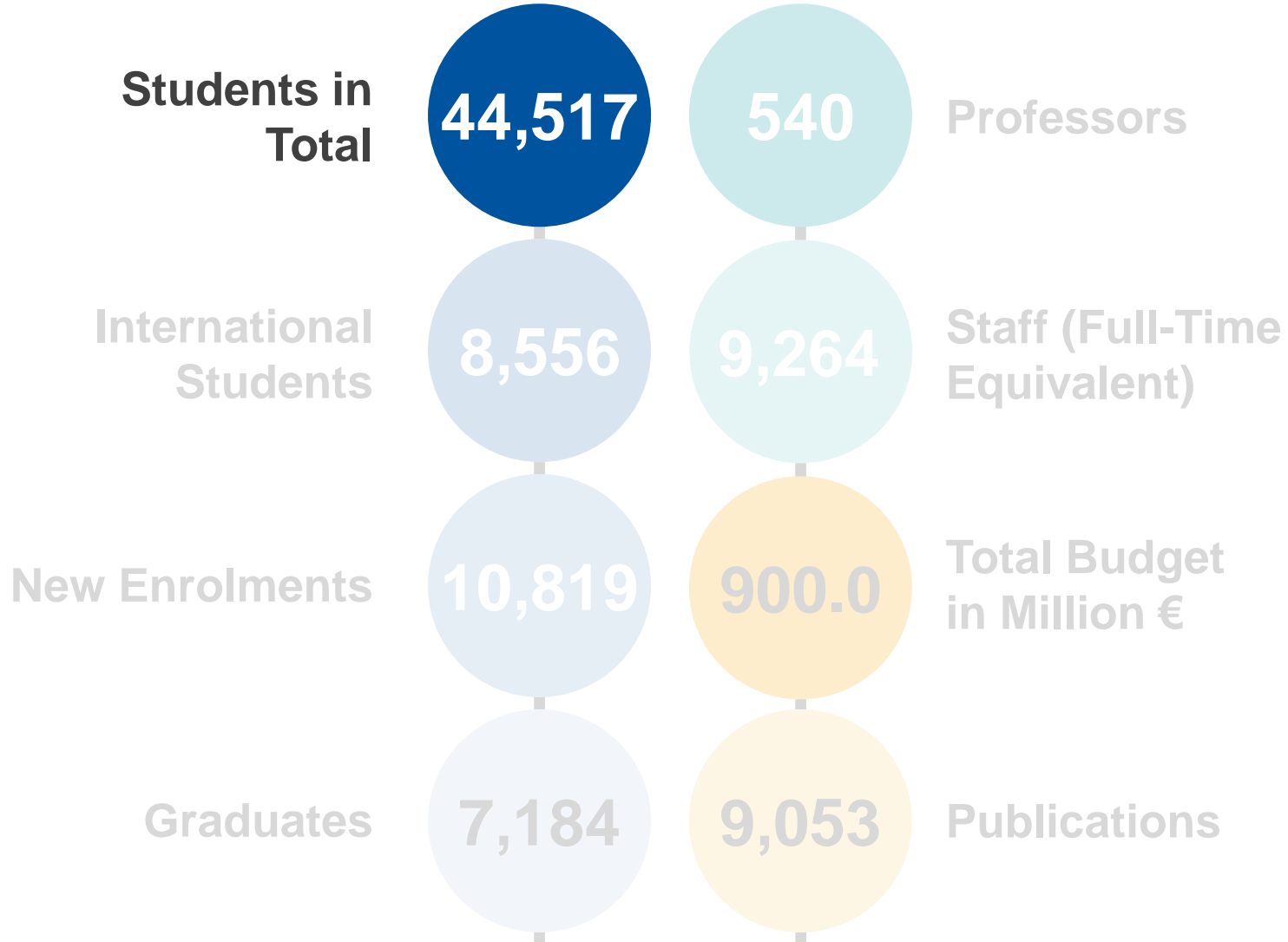
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# RWTH Aachen University

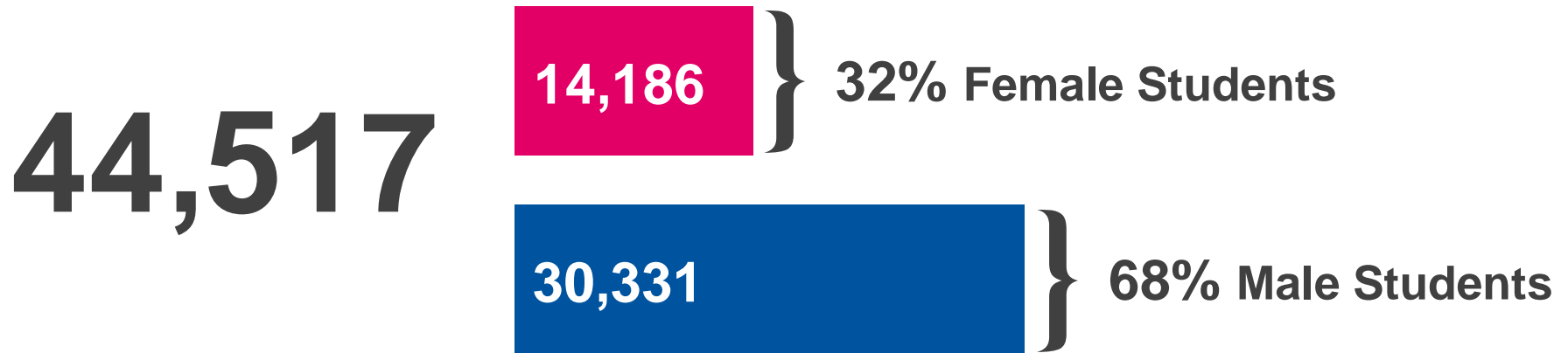
## The Big Picture in Figures

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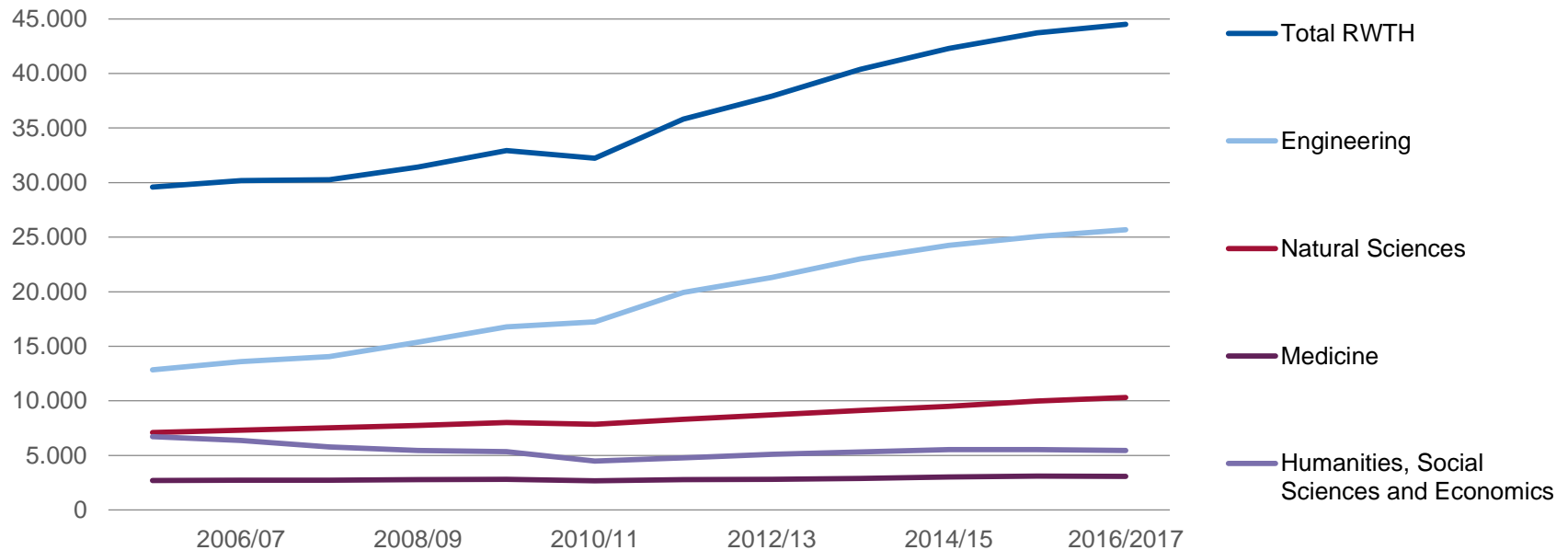
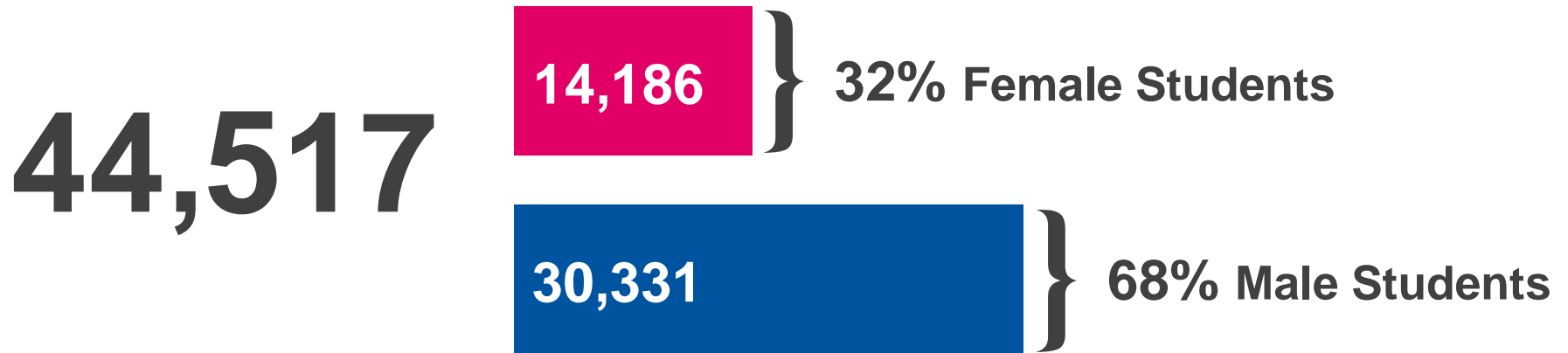
## Students in Winter Semester 2016/17

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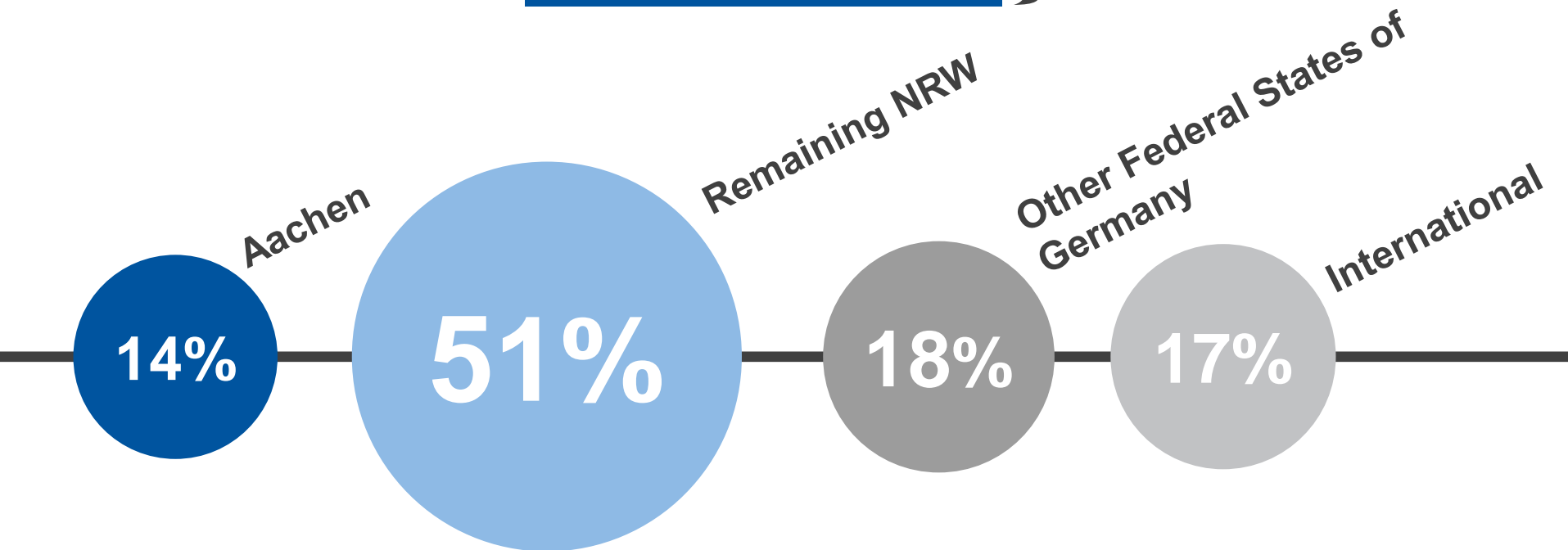
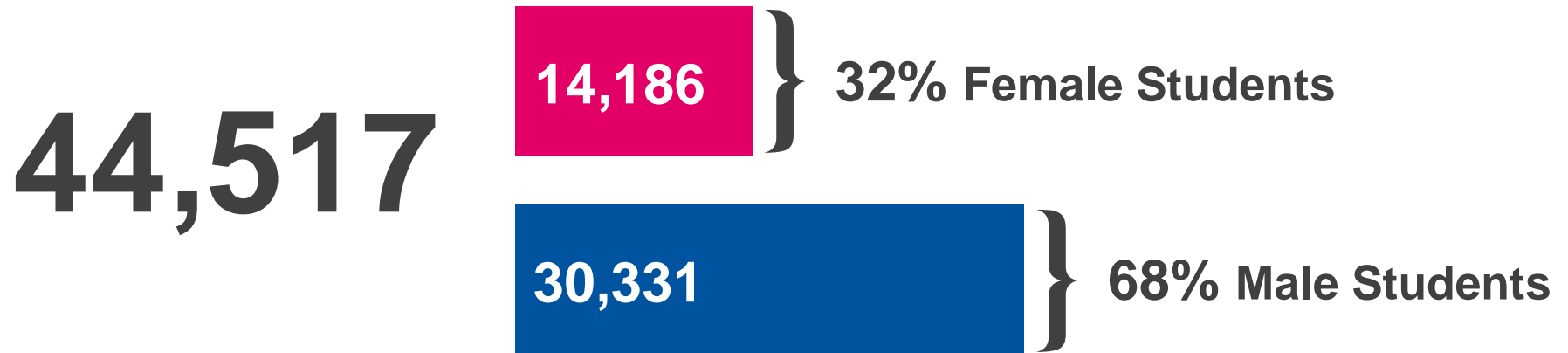


- Highest number of students in the history of RWTH: There has been an increase of nearly 10,000 students compared to five years ago.
- Every ninth student at a traditional university in NRW studies at RWTH.
- Statistically spoken one in six inhabitants of Aachen is a student at RWTH.
- 34,202 of RWTH students are between 20 and 29 years old. This is equivalent to 60 % of all Aachen inhabitants in this age group.

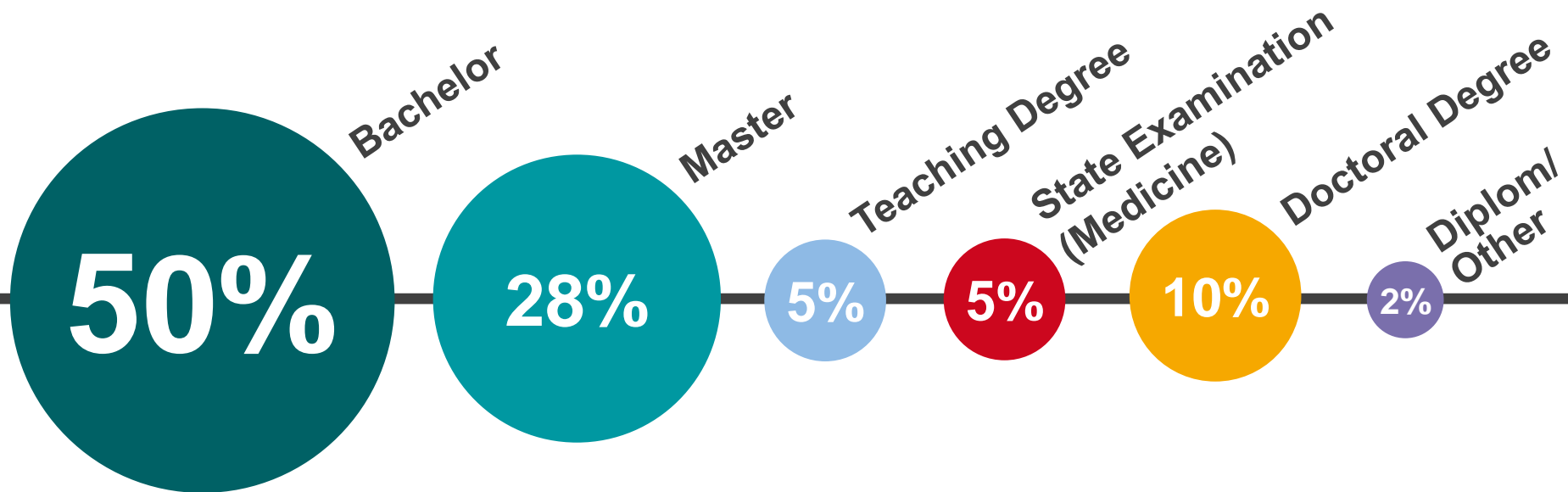
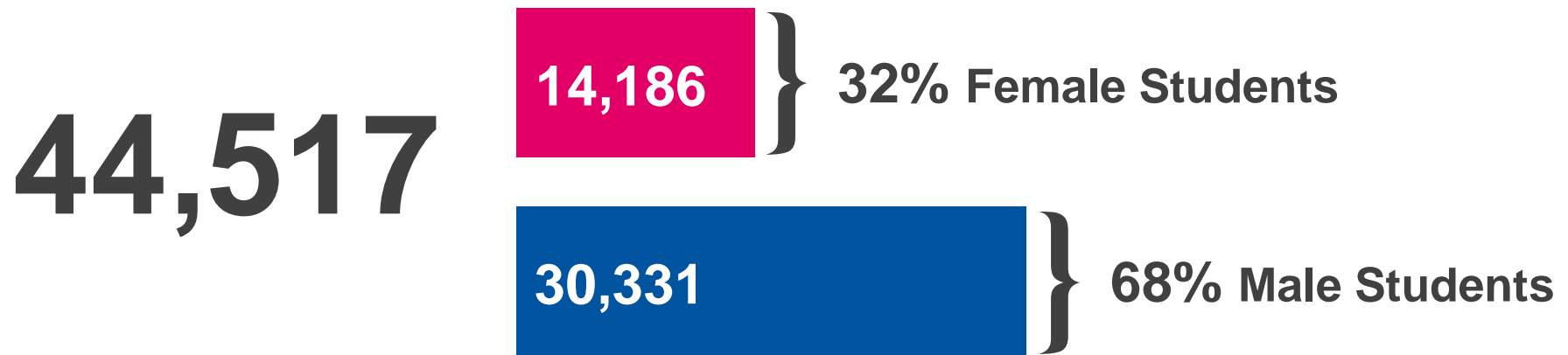
# Development of the Number of Students



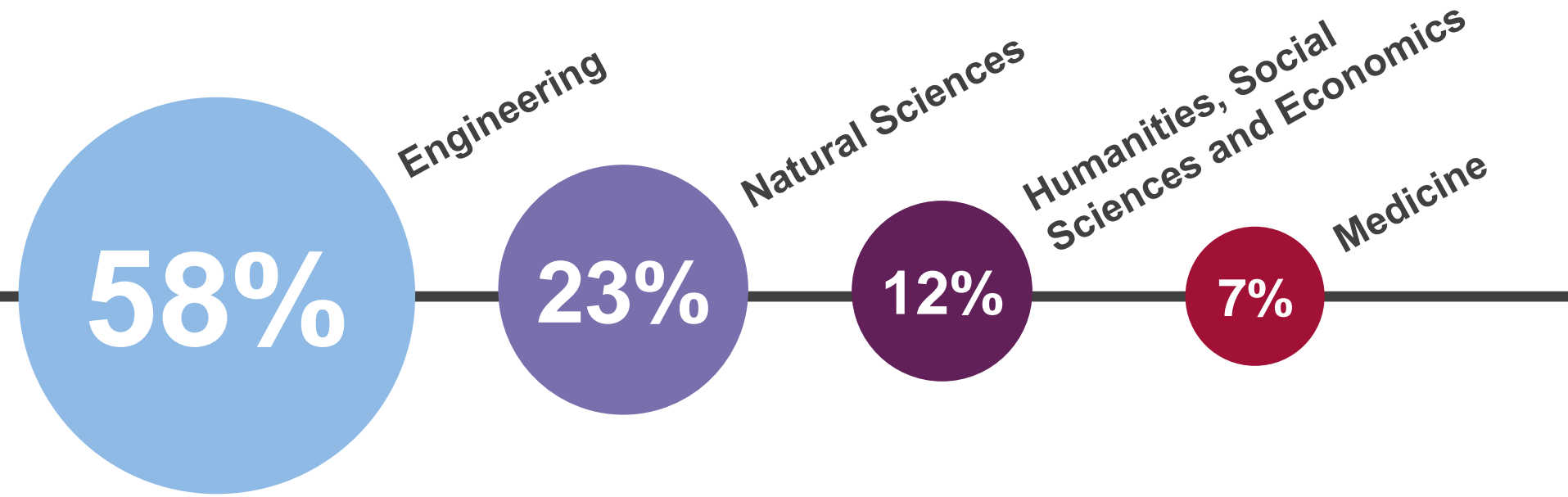
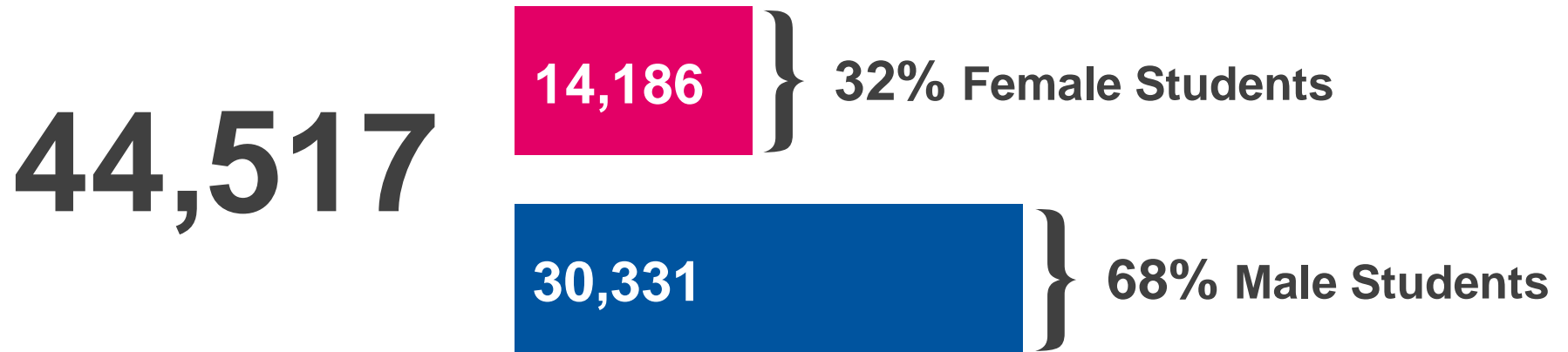
# Catchment Area of Students Winter Semester 2016/17



## Students by Degree



## Students by Discipline





# Students by Discipline

44,517

14,186

32% Female Students

30,331

68% Male Students

18% Electrical Engineering and Information Technology

8% Material Science and Engineering

3% Mineral Resources and Raw Materials Engineering

6% Architecture

16% Civil Engineering

7% Mechanical Engineering

58%

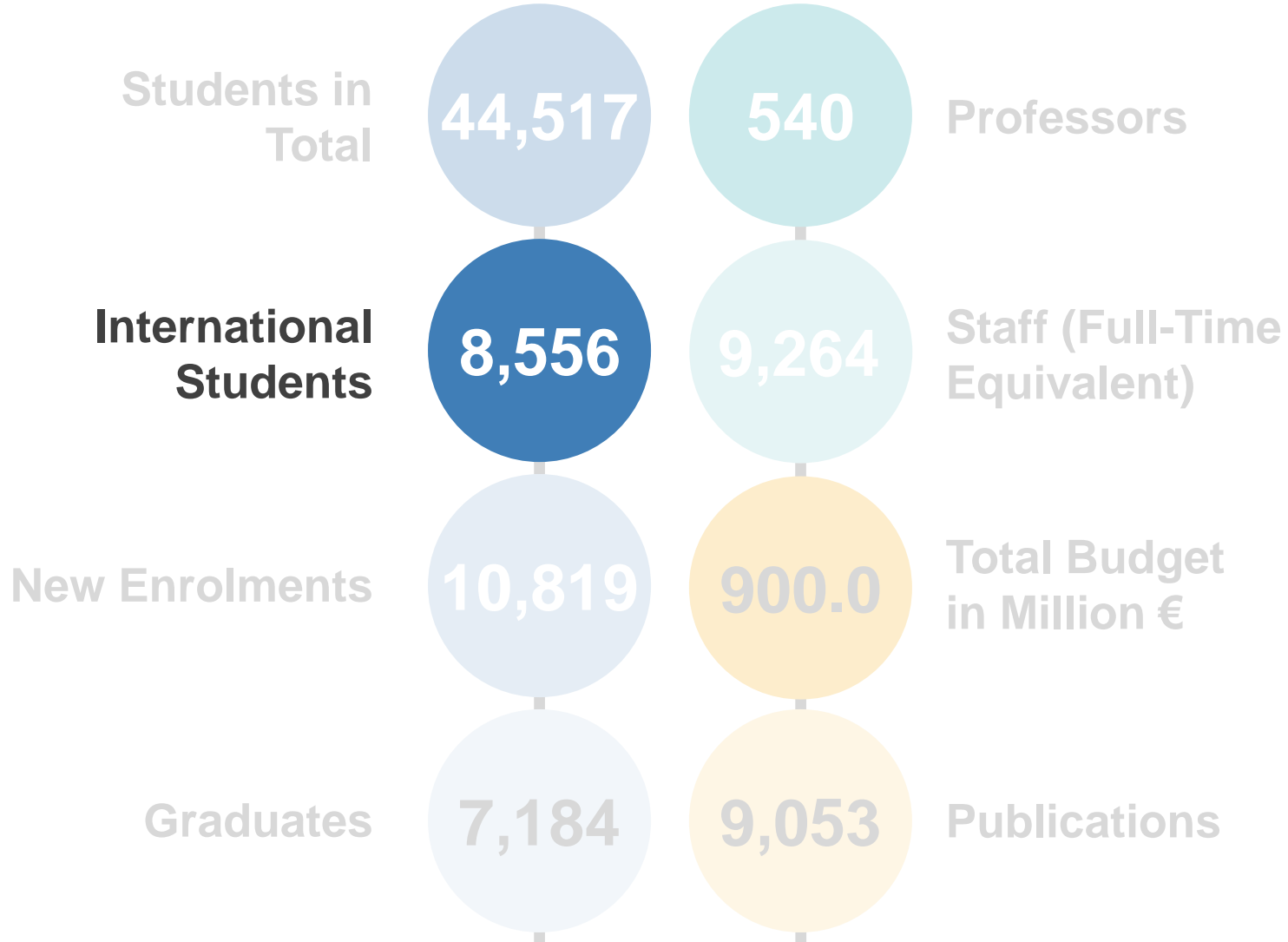
23%

7%

# RWTH Aachen University

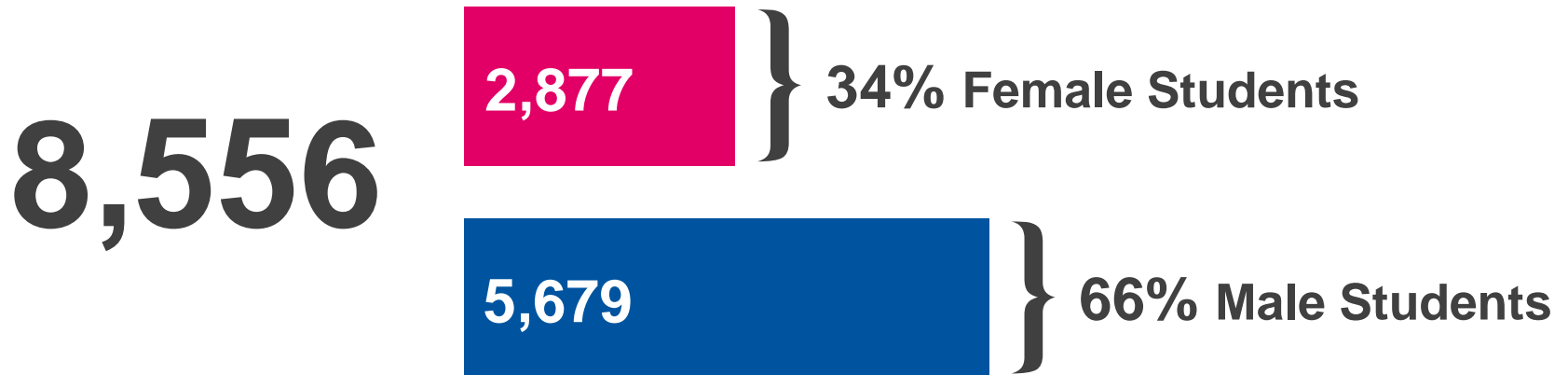
## The Big Picture in Figures

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## International Students

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- Students from 127 countries
- Students from 77 % of all large countries<sup>1</sup>
- Most common countries of origin: China, India and Turkey
- Most common countries of origin related to the number of inhabitants: Luxembourg, Bulgaria, Belgium and Greece
- High amount of international students: 19.2 % in comparison to the average number of students at German universities (10.9 %)

Data Basis: Nationality

<sup>1</sup> Countries with a population of more than 1 million inhabitants.

# International Students by Degree

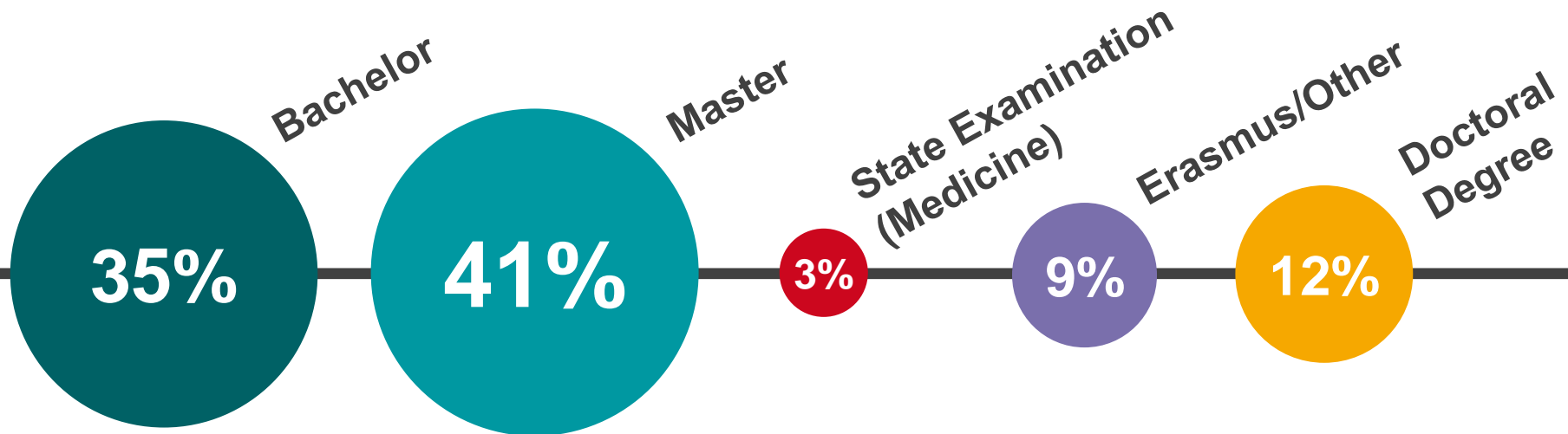
8,556

2,877

34% Female Students

5,679

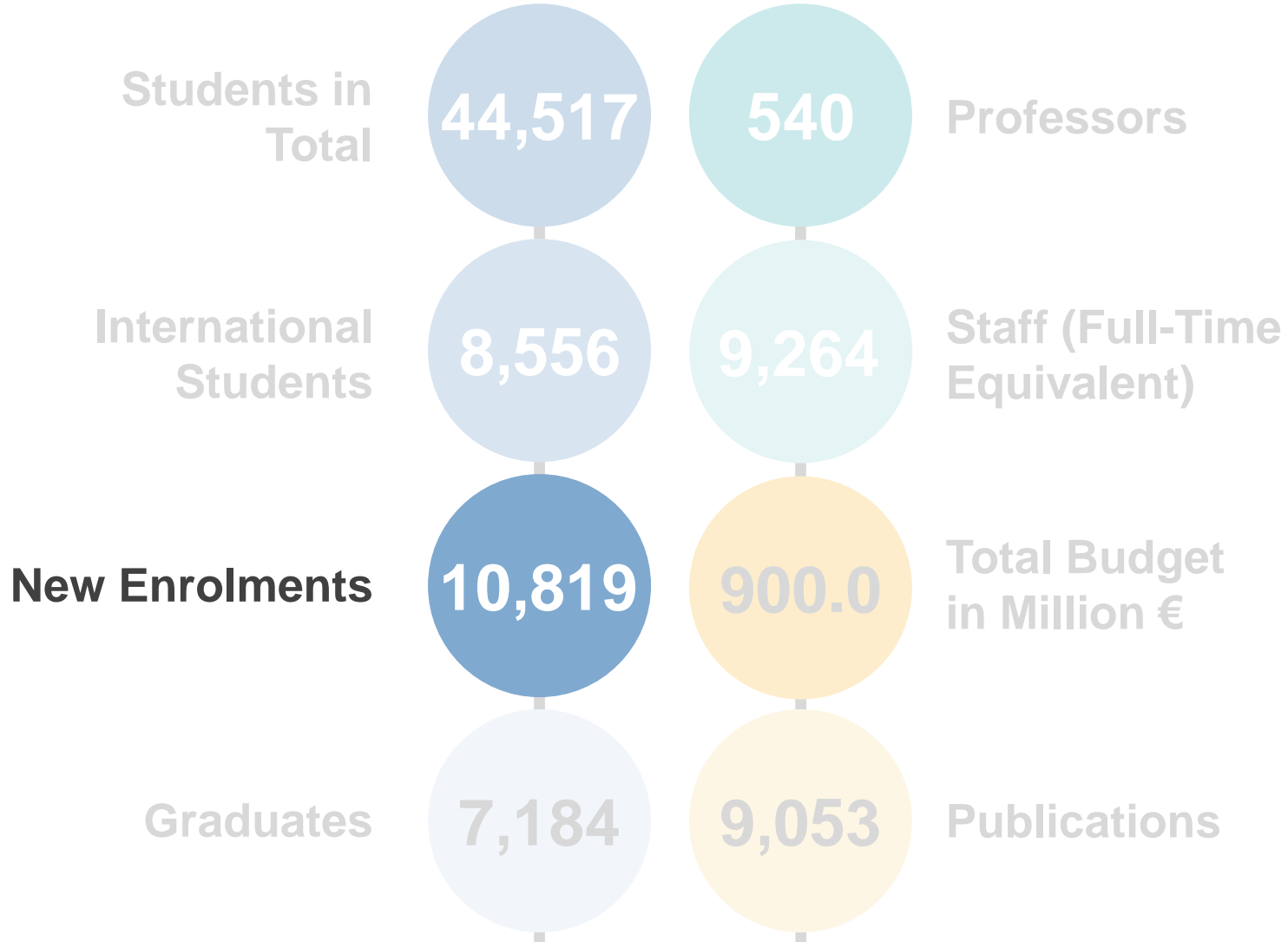
66% Male Students



# RWTH Aachen University

## The Big Picture in Figures

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# New Enrolments in Winter Semester 2016/17

## First and higher Subject-Related Semester

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10,819

3,595

33% Female Students

7,224

67% Male Students

- In WS 16/17 the number of new enrolments reaches the highest level in the history of RWTH.
- More than 1 in 10 of NRW's new students is enrolled at RWTH.
- 57 % of the new students are enrolled in Bachelor degree courses.
- 58 % of the new students study in the field of engineering.
- 27 % of the new students study mechanical engineering.

# Students in First Subject-Related Semester in Winter Semester 2016/17

## All Students in First Subject-Related Semester

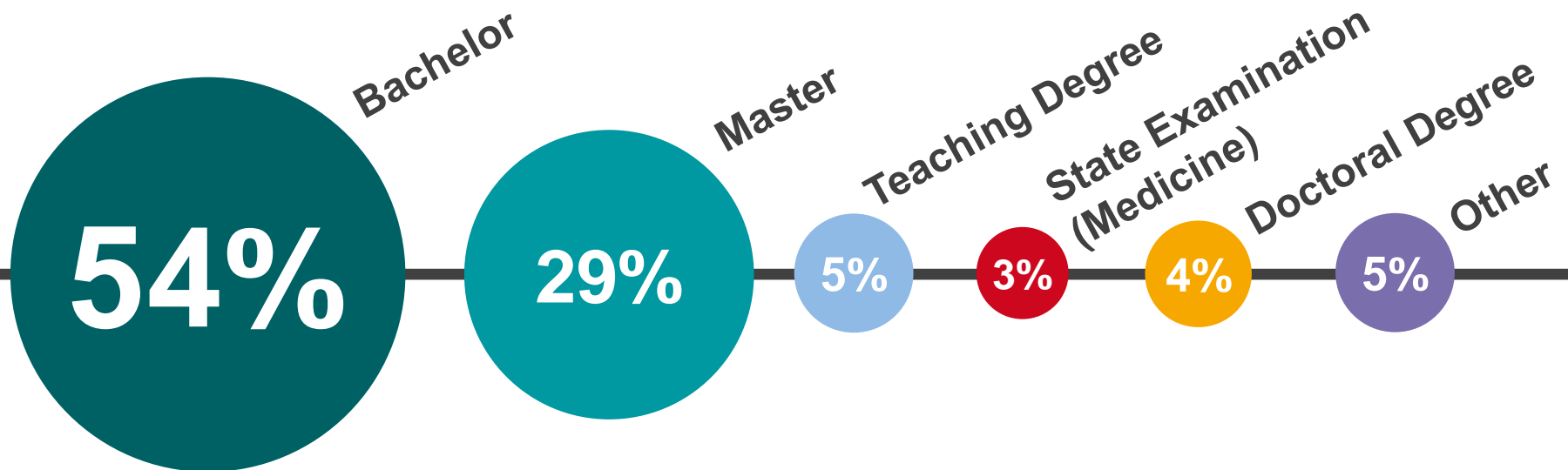
10,819

3,595

33% Female Students

7,224

67% Male Students



# Bachelor and Master 2016

## Students in First Subject-Related Semester & Graduates

**10,477**

Students in First  
Subject-Related  
Semester

**5,944**

} Bachelor

**4,521**

} Master

Data Basis: Students in First Subject-Related Semester (SS 16 + WS 16/17)

**6,473**

Graduates

**3,224**

} Bachelor

**3,249**

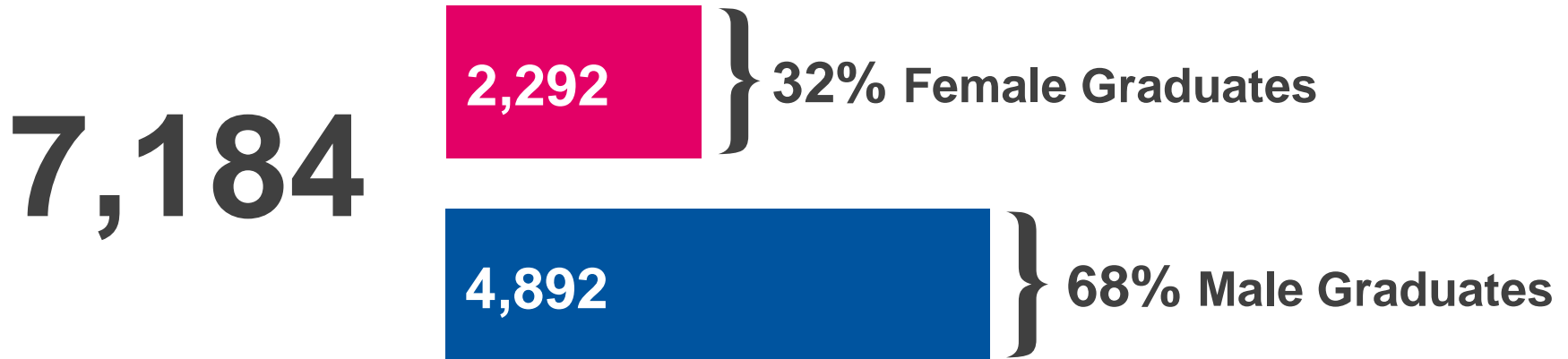
} Master

Data Basis: Graduates in WS 2015/16 and SS 2016



## Graduates 2016

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- One of four boards of directors of the 30 largest German corporations<sup>1</sup> includes a graduate of RWTH as a member.
- No other university has more graduates that are CEO of a DAX corporation.
- The nobelists Peter Debye and Thomas Südhof studied in Aachen.
- The alumni network counts more than 16,000 members, for whom worldwide events are regularly offered.

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<sup>1</sup> DAX Companies in April 2017

# Graduates 2016

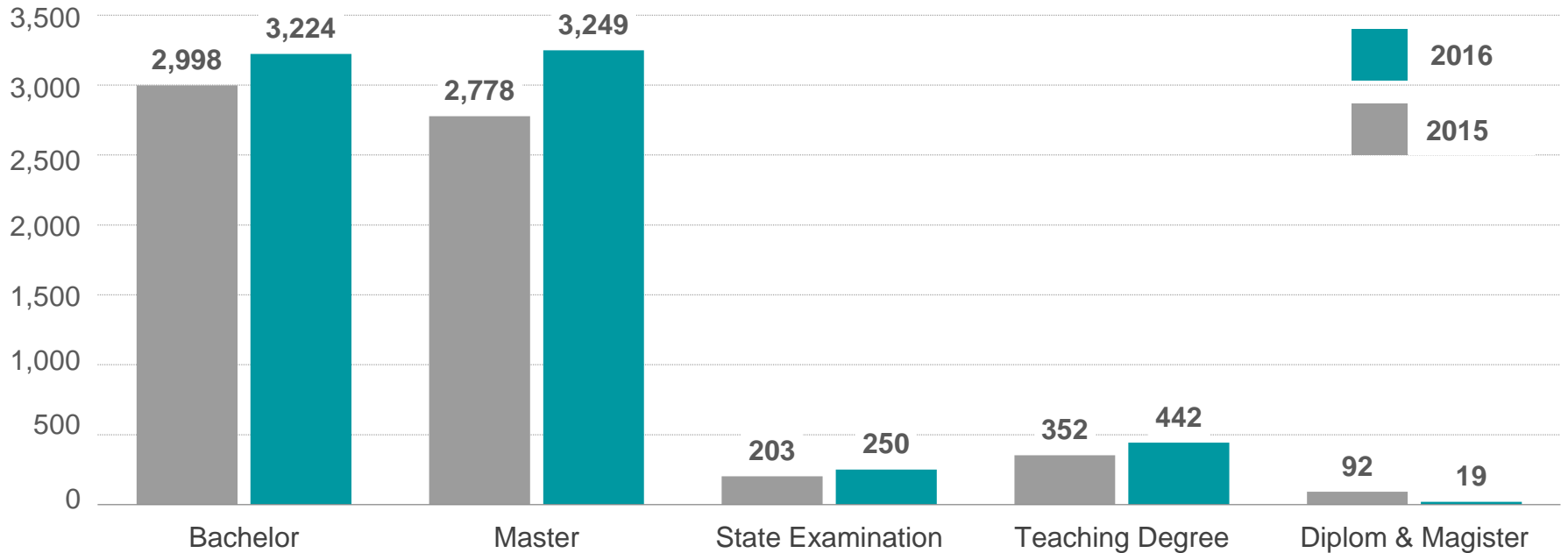
7,184

2,292

32% Female Graduates

4,892

68% Male Graduates



## Doctoral Degrees 2016

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893

298

} 33% Women

595

} 67% Men

- 10 % of all doctoral degrees in the field of engineering are awarded in Aachen even though only 5.8 % of all German Master-graduates of engineering graduate at RWTH.
- RWTH has a DFG Graduate School, eight Graduate Colleges and nine other doctoral programmes.
- The Centre for Doctoral Studies provides 3,000 positions in more than 200 different workshops, courses and seminars for the doctoral candidates every year.

# Doctoral Degrees 2016

893

298

33% Women

595

67% Men

Medicine

180

Biology

74

Chemistry

69

Electrical Engineering

67

Physics

56

Other

127

Humanities and Social Sciences

41

52

Materials Science

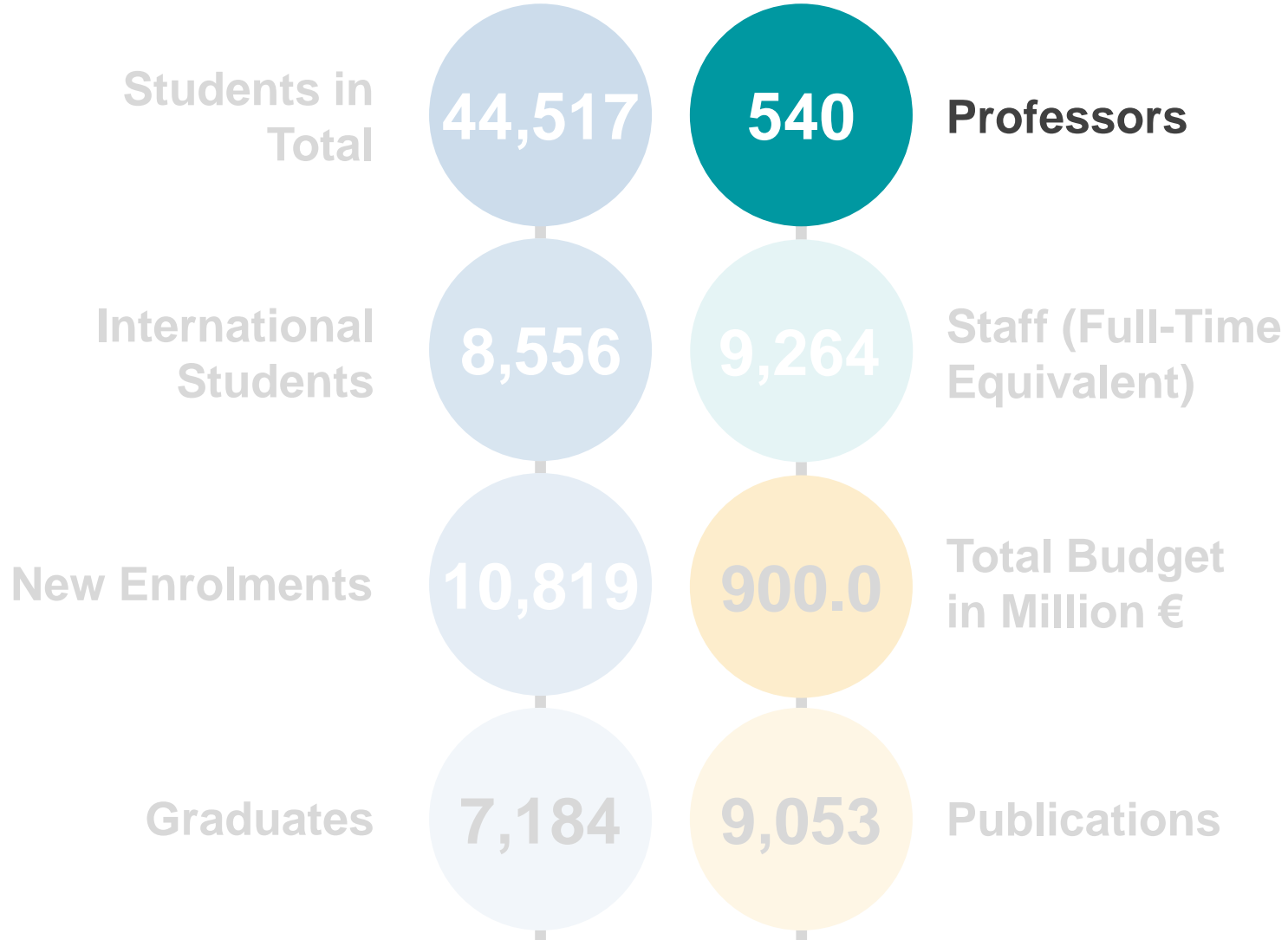
Mechanical Engineering

227

# RWTH Aachen University

## The Big Picture in Figures

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## Professors 2016

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540

89 } 16% Female Professors

451 } 84% Male Professors

- Within the last seven years the number of professors increased by about 100.
- The amount of female professors has almost doubled in the last seven years.
- The amount of professors in the field of MINT is 67 %.
- About 9 % of the professors are junior professors.

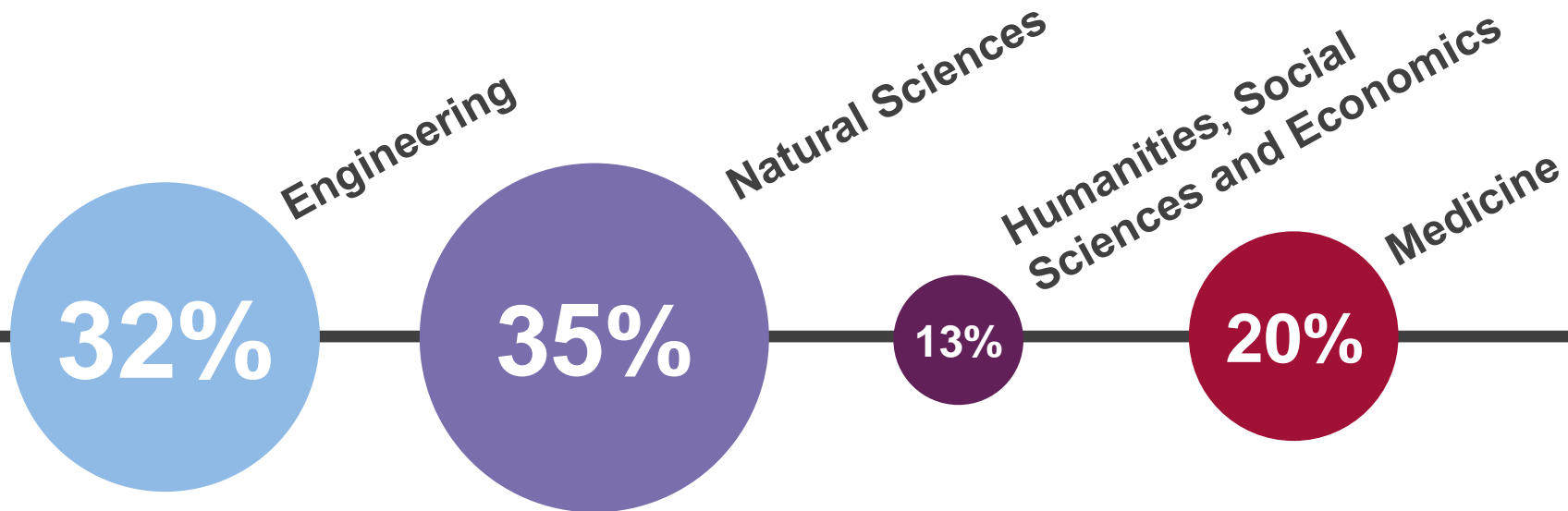
Update: 31.12.2016

# Professors by Discipline 2016

540

89 } 16% Female Professors

451 } 84% Male Professors

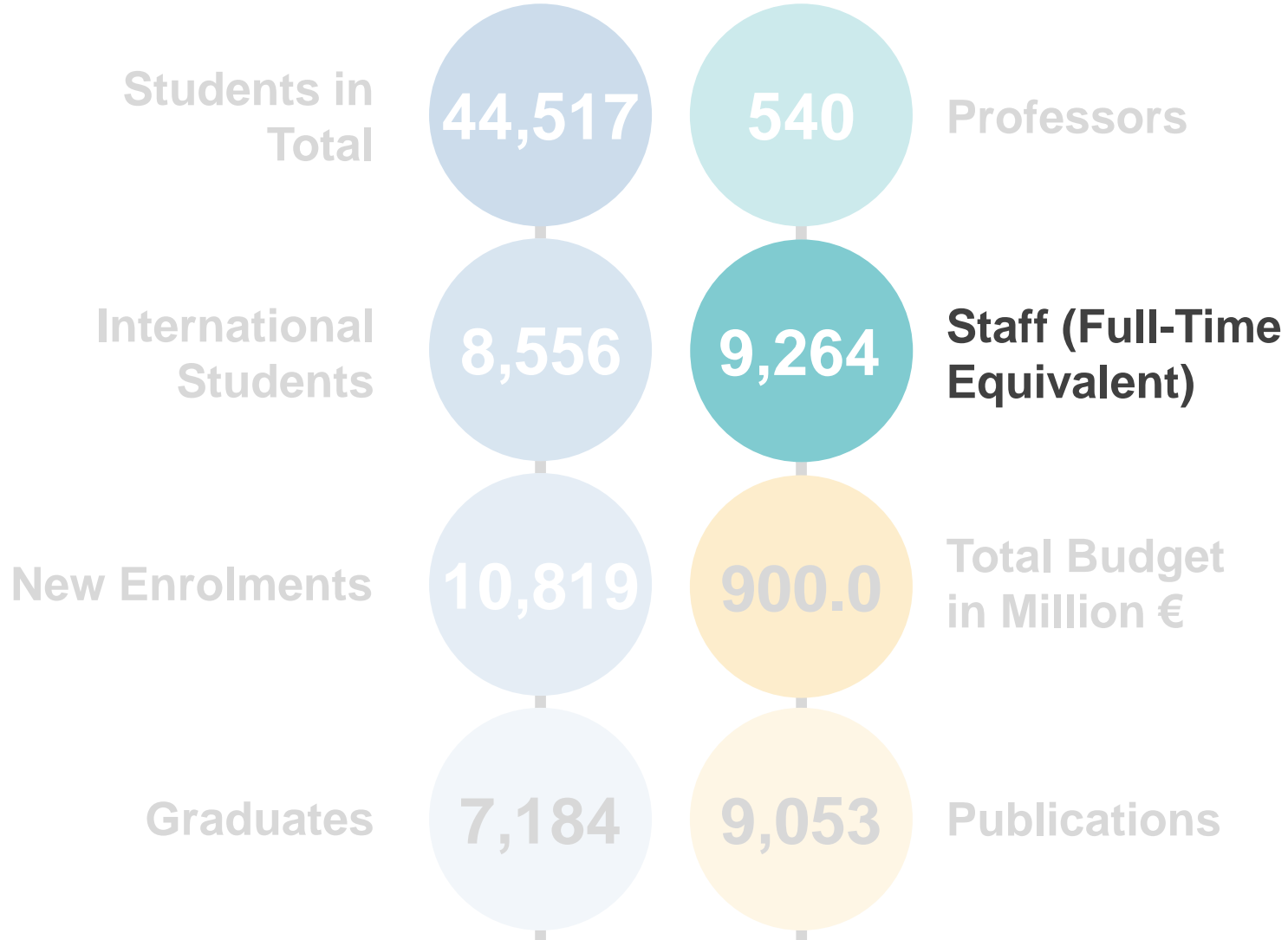


Update: 31.12.2016

# RWTH Aachen University

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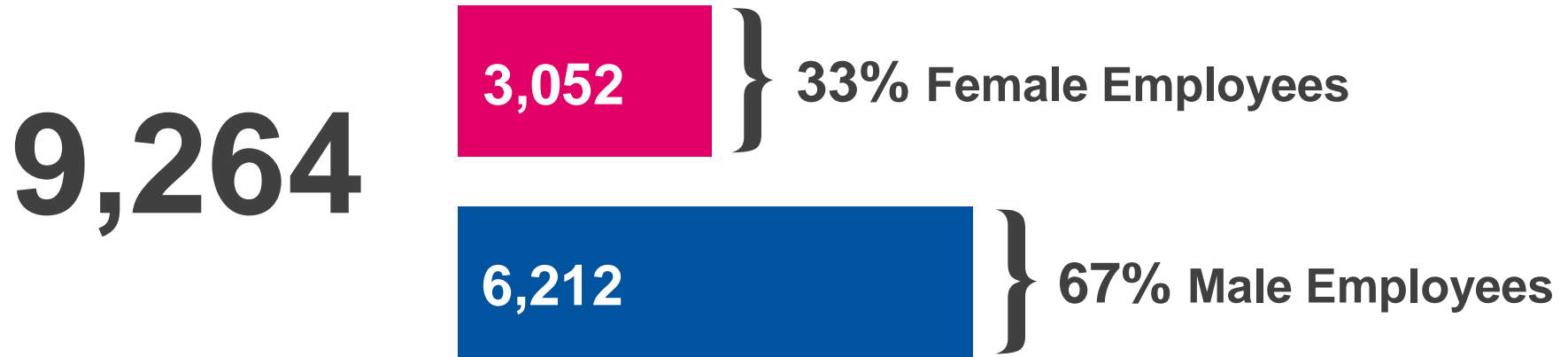
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## Staff 2016

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- The university employs more than 1,000 international employees.
- About two thirds of the employees are academic staff.
- RWTH has the largest on the job training in the region of Aachen.
- Currently, RWTH offers 731 training positions.

# Staff 2016

9,264

3,052

33% Female Employees

6,212

67% Male Employees

Staff from Grants  
from the State of  
NRW

4,620

Staff from third  
party Funding

3,300

Trainees / Interns

672

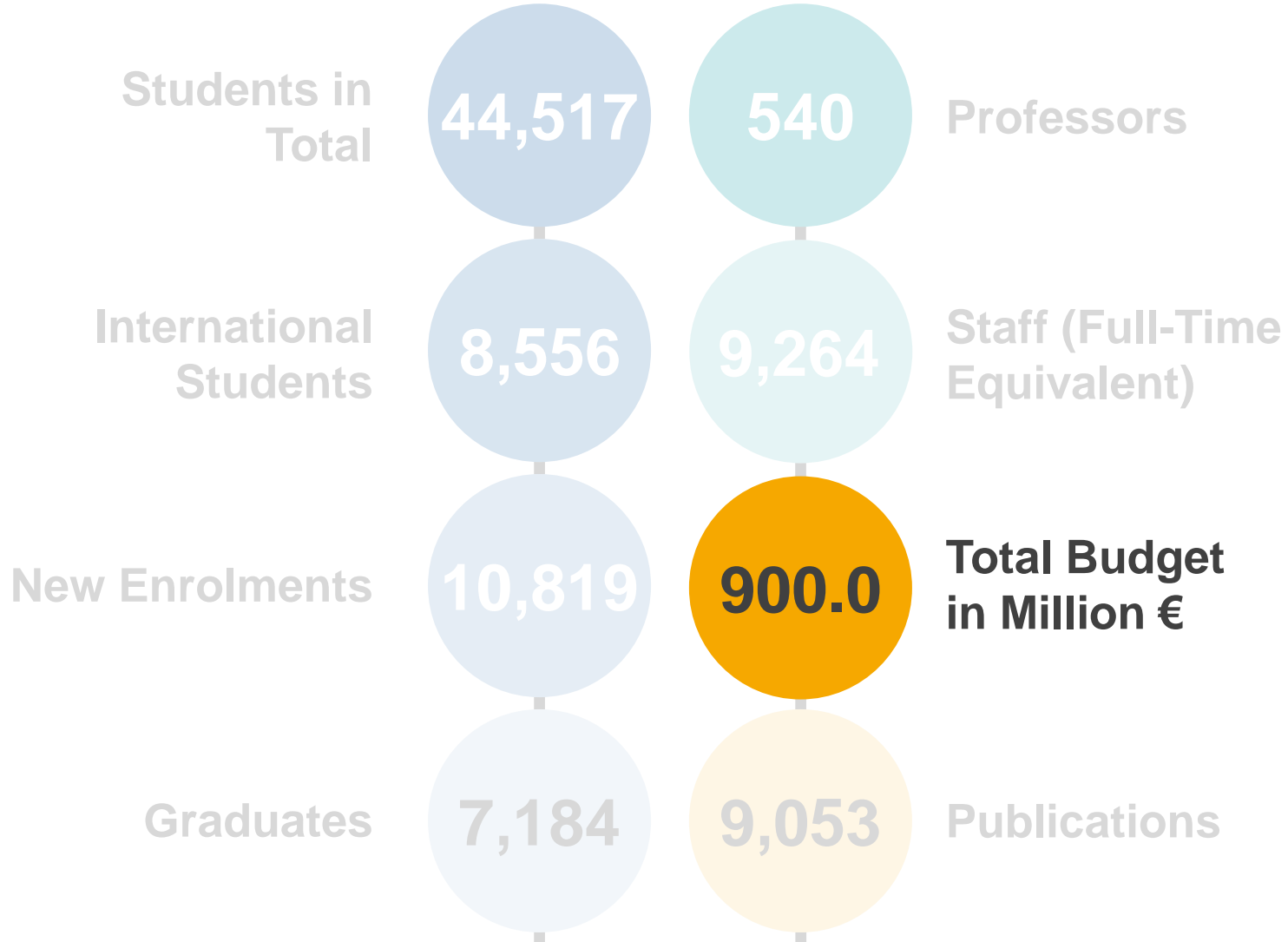
Staff from  
Special Funds

675

# RWTH Aachen University

## The Big Picture in Figures

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## Total Grants and Funding 2016

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**900.0  
million €**

**481.3 million €**

**} Grants from the  
State of NRW**

**418.7 million €**

**} Project Funds**

- The state grant is 374.1 million € for the university without medicine and 107.2 million € for the faculty of medicine.
- The project funds are 325.7 million € for research and 93.0 million € for teaching.
- RWTH Aachen is the university in Germany with the most third party funds.
- In the last seven years the amount of third party funds for research increased by about 100 million €.

# Source of Grants and Funding

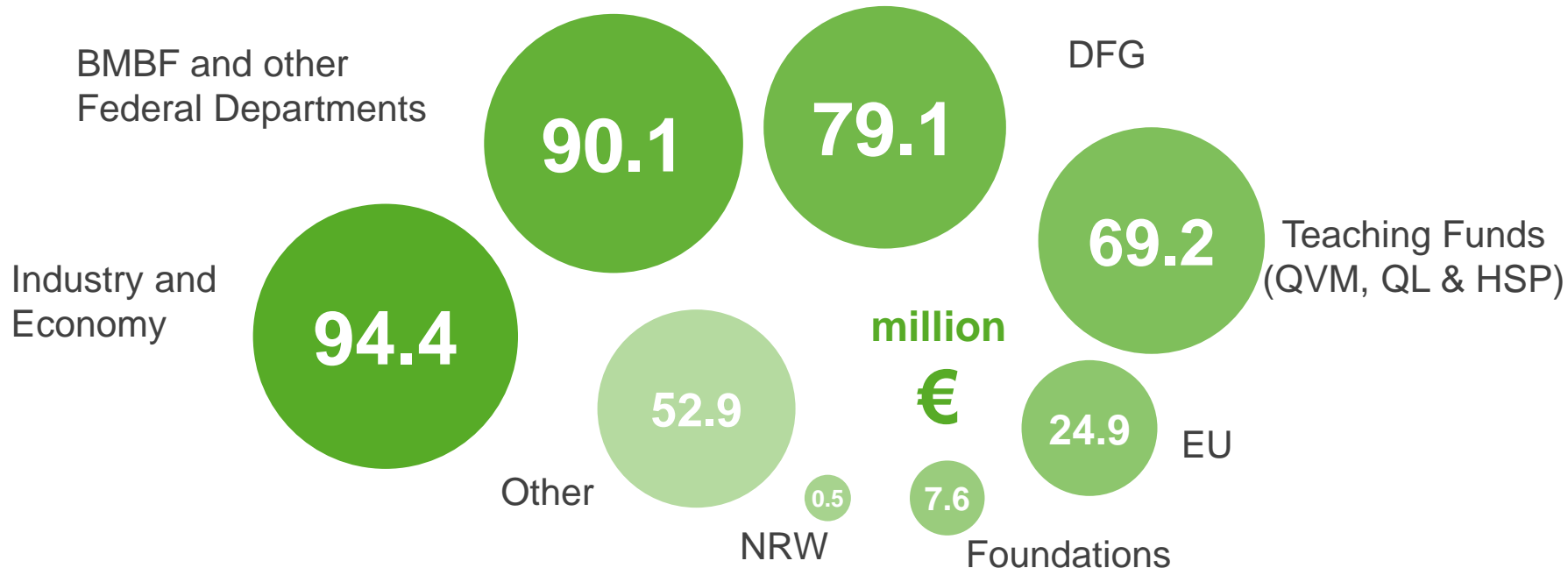
**900.0  
million €**

**481.3 million €**

Grants from the  
State of NRW

**418.7 million €**

Project Funds



# Source of Grants and Funding

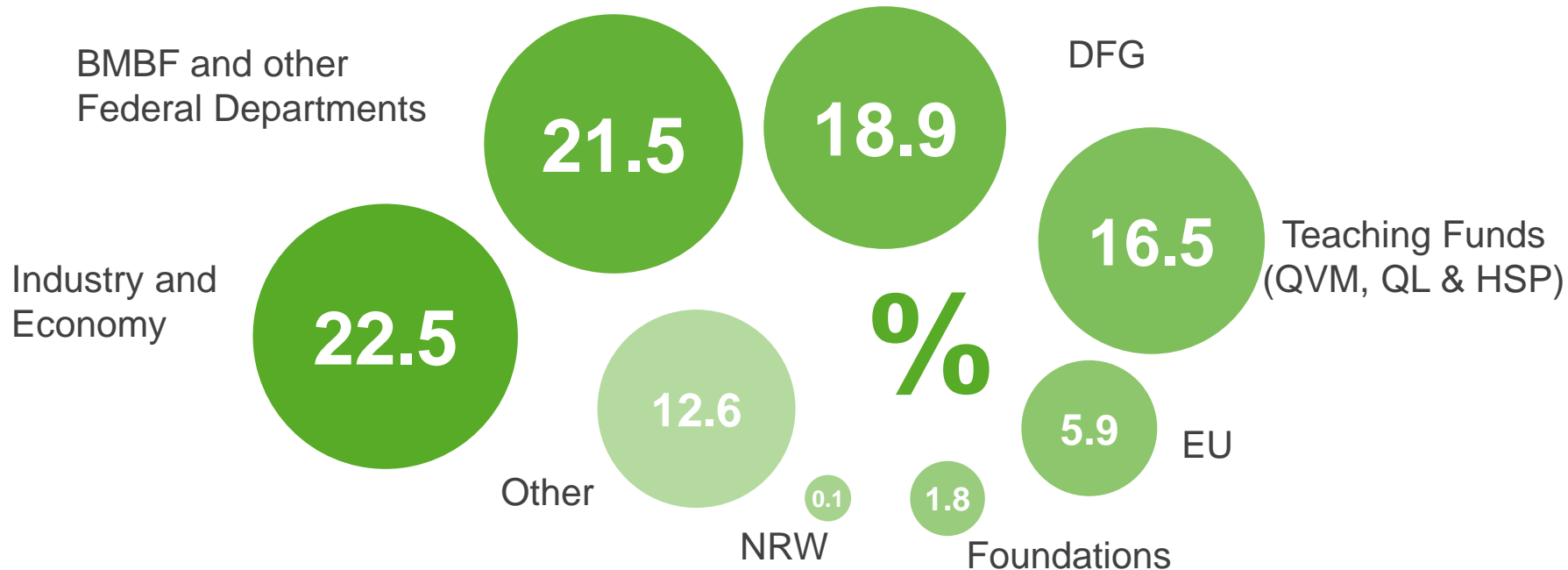
**900.0  
million €**

**481.3 million €**

**Grants from the  
State of NRW**

**418.7 million €**

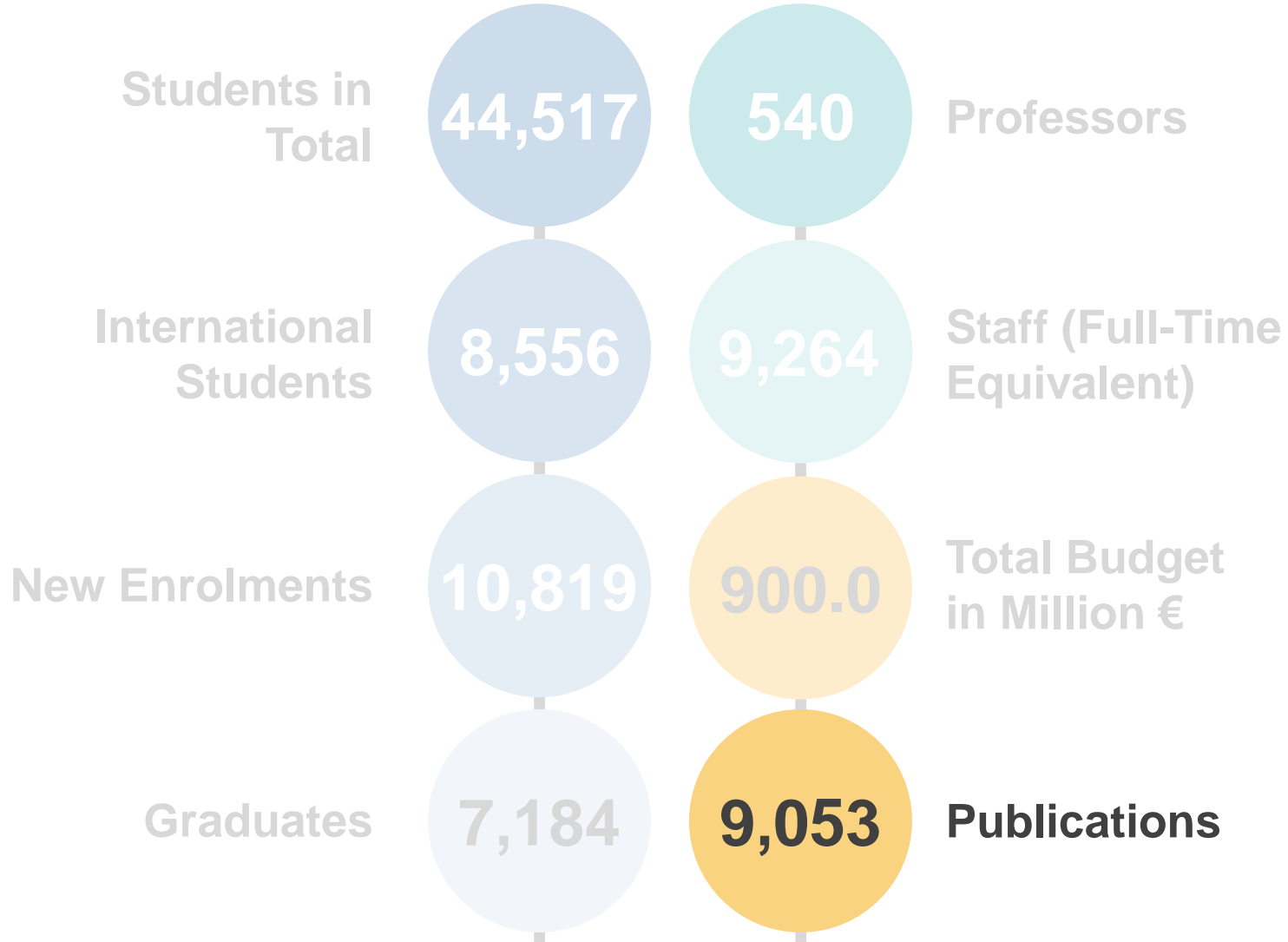
**Project Funds**



# RWTH Aachen University

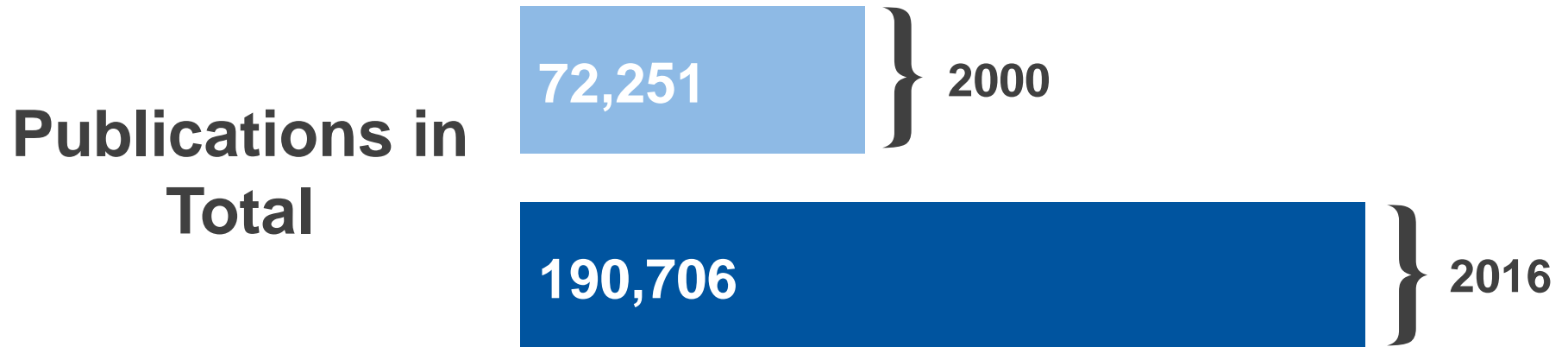
## The Big Picture in Figures

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# Performance Indicator Publications

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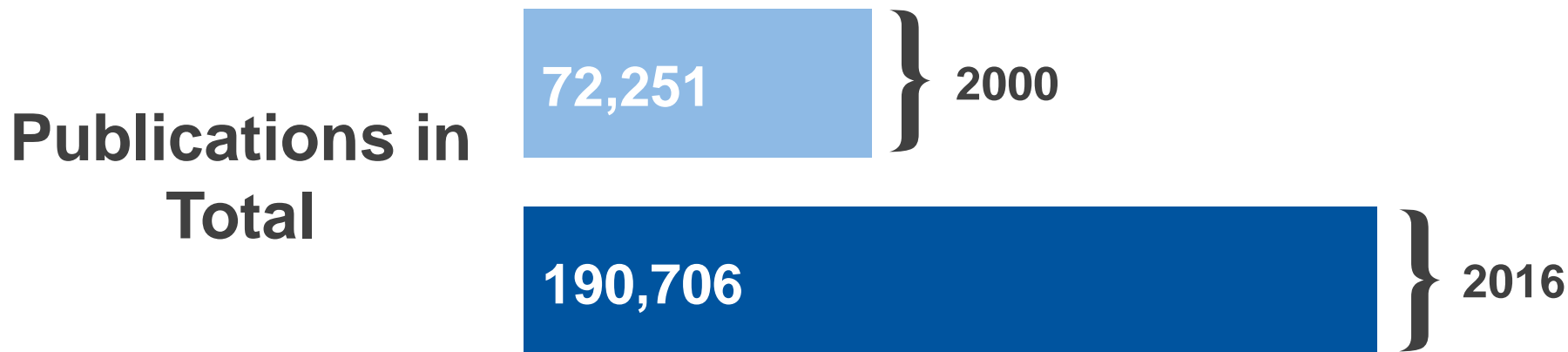
Source: RWTH Publications

- More than 83,000 publications during the last ten years
- About 566,000 citations since 2006
- About 56,000 citations of publications of staff members of RWTH each year
- In average 24 citations per scientist per year

Source: RWTH Publications

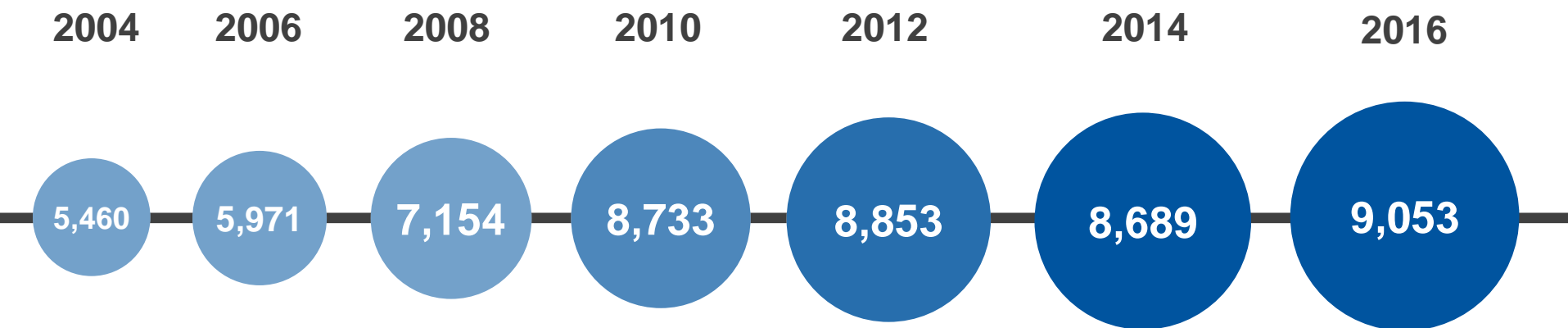


# Performance Indicator New Publications per Year



Source: RWTH Publications

## Number of new publications per year (RWTH Publications):



Source: RWTH Publications

# Performance Indicator Reputation

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- Many rankings certify RWTH best scores.
- In 2016, RWTH improves by 32 places and achieves the 78<sup>th</sup> place in the THE Ranking, which belongs to the most significant rankings world-wide.
- In WIWO Ranking RWTH is placed first considering computer science, mechanical engineering and industrial engineering. In natural sciences and electrical engineering RWTH reaches TOP3-Scores.
- Allensbacher Inst. f. Demoskopie: 70 % of German managers have got a positive image of RWTH Aachen – no other university was better evaluated.

## Graduates Survey

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**Would you  
choose the  
same University  
again?**

73%

} **Average Master  
(Germany nationwide)**

79%

} **RWTH Master**

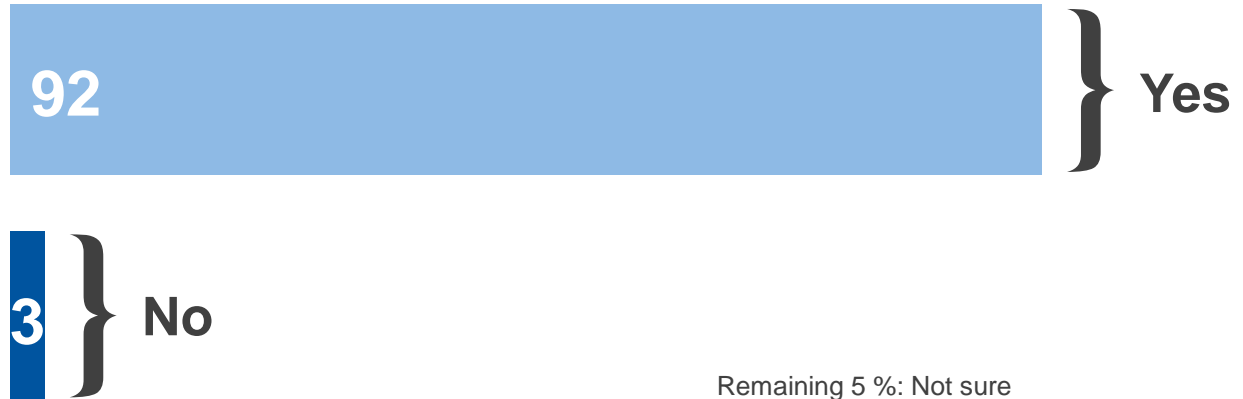
\*Graduates in Academic Year 2014

- 79 % of Master and 75 % of Bachelor graduates would choose RWTH again as place of study.
- The rate at other universities is considerably lower with 73 % and 69 %.
- RWTH graduates are sought after by employers: 1.5 years after their graduation only 7 % of graduates are seeking work.

## First Semester Survey

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**RWTH is the  
desired University  
of First Semester  
Students**



- First semester students are generally pleased with RWTH and their subject of study.
- 89 % study their desired subject, 92 % study at their desired university.
- Most common reason why people decide to study in Aachen is the reputation: 89 % name the good reputation of RWTH as a reason.
- Other reasons: „RWTH Aachen positions in a University Ranking“ (60 %), „Recommendation of third party“ (62 %), which are more important than the reasons proximity to hometown (46 %) and facilities of RWTH Aachen (35 %).

Thinking the Future  
Zukunft denken

**RWTH**AACHEN  
UNIVERSITY