

# UNDERSTANDING HIGHER EDUCATION SYSTEM IN TURKEY

# AGENDA



1. GROUP INTRO
2. AMBITION
3. EXPLANATION AROUND TURKEY HIGHER EDUCATION SYSTEM
4. DATASET EXPLANATION
5. UNIVERSITY
6. ADMISSION
7. EXCHANGE PROGRAM



# POLAT ALEMD~R MEMBERS



**BURCU BALKAN**  
MARMARA UNIVERSITY  
B.A. – MANAGEMENT,  
2018



**BERK CAKAR**  
ANALYTICS CONSULTANT – S&A CONSULTANCY  
  
ISTANBUL TECHNICAL UNIVERSITY  
B.S. – INDUSTRIAL ENGINEERING , 2018



**OGUZ KIRAZDIKEN**  
BI CONTROLLER – METRO CASH&CARRY  
  
BAHCESEHIR UNIVERSITY  
B.S. – INDUSTRIAL ENGINEERING , 2017



**OGUZ AY**  
BUSINESS ANALYST EXPERT – GARANTI BBVA  
TECHNOLOGY

OZYESGIN UNIVERSITY  
M.S, FINANCIAL ENGINEERING AND RISK  
MANAGEMENT, 2015

KOÇ UNIVERSITY  
B.S. – INDUSTRIAL ENGINEERING , 2011



**OZGUR KENANOGLU**  
DIGITAL EXCELLENCE & DATA DRIVEN MARKETING  
MANAGER – UNILEVER

BOGAZICI UNIVERSITY  
B.A – ECONOMICS, 2016

# AMBITION



**IMPORTANCE**

**WELFARE OF  
SOCIETY**

**ANALYSIS**

**MULTI LAYERED  
EDUCATION PROGRAM**

**IMPROVEMENT**

**KEY DEVELOPMENT  
AREAS**

# IMPROVEMENT AREAS



## POST GRADUATE

DISTRIBUTE POST-GRADUATE INSTITUTIONS ACROSS TURKEY

## FEMALE PARTICIPATION

IMPROVE FEMALE PARTICIPATION IN POST-GRADUATE STUDIES

# DATASET



## INSTITUTION

University Name  
Type of University  
Academic Year  
City  
Gender  
Type of Education

## ADMISSION

High School Type  
Applicant Status  
Year  
Admission Acceptance

## EXCHANGE

University Name  
Type of University  
Academic Year  
City  
Gender  
Type of Program

# TURKEY HIGHER EDUCATION SYSTEM



## REFORM

1981

## FOUNDING SCHOOLS

27

## # OF REVISIONS

7

ÖSYS  
ÖSS  
ÖSYS  
YGS  
LYS  
AYT  
TYT

## ADMISSION EXAM

TYT – BASIC  
ABILITY  
2.4M

AYT – FIELD  
PROFICIENCY  
1.9M

## EXCHANGE PROGRAMS

ERASMUS

FARABI

MEVLANA

BILATERAL  
EXCHANGE  
AGREEMENTS

# UNIVERSITY



# of institutions

208

most popular locations

Istanbul  
Ankara  
Izmir  
Konya  
Antalya

state institutions

62%



# STUDENT FACTS

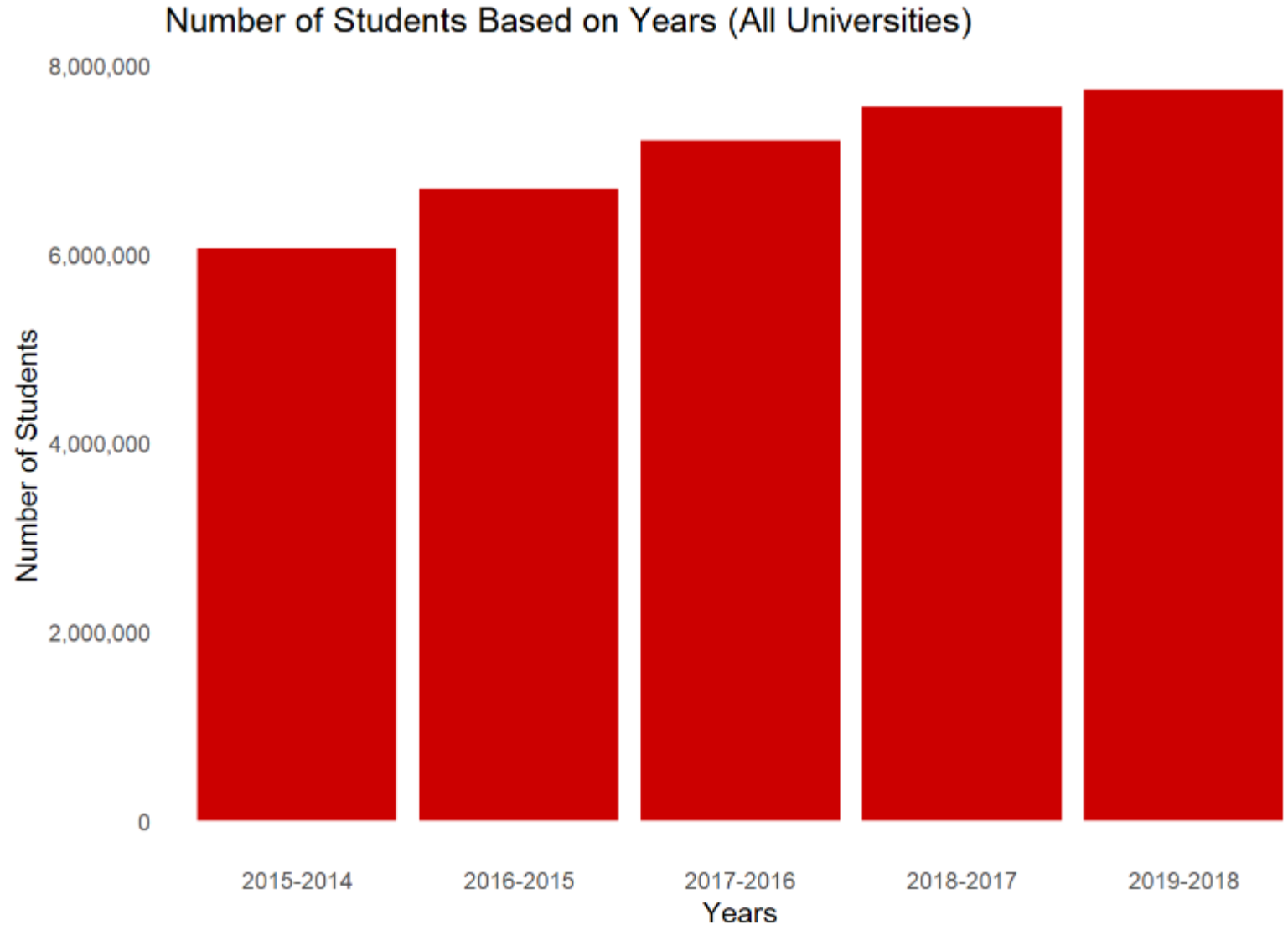


# of students

**7.7M**

growth

**16%**

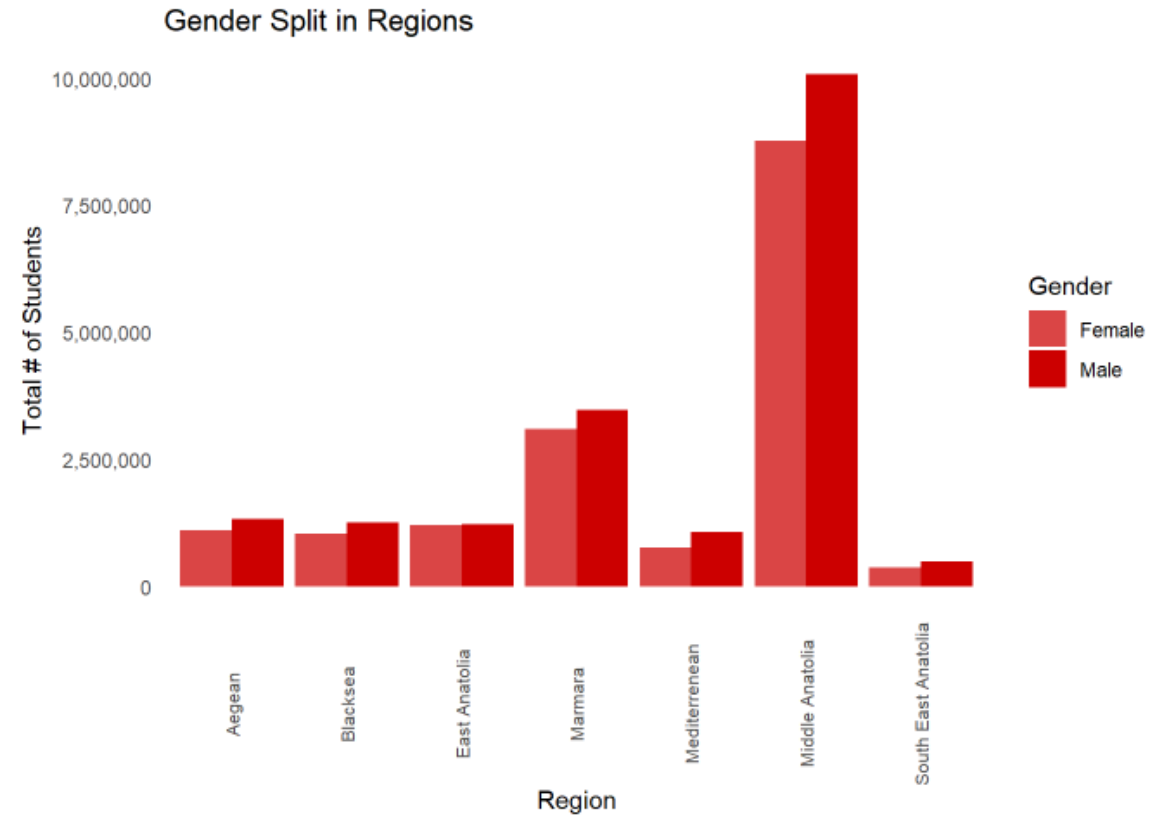
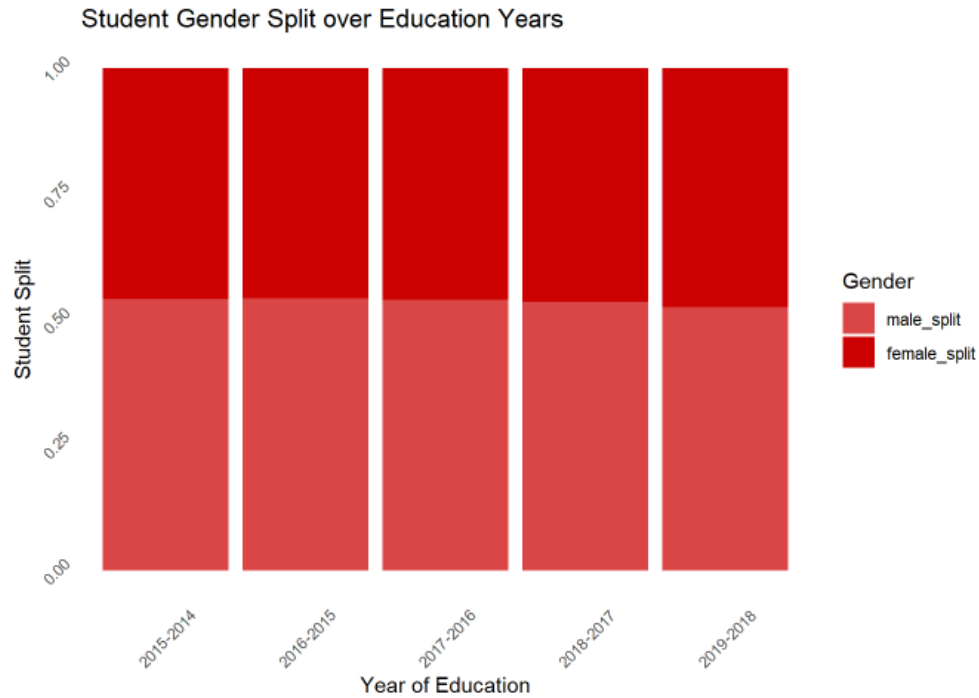


# GENDER FACTS



females

46.4%



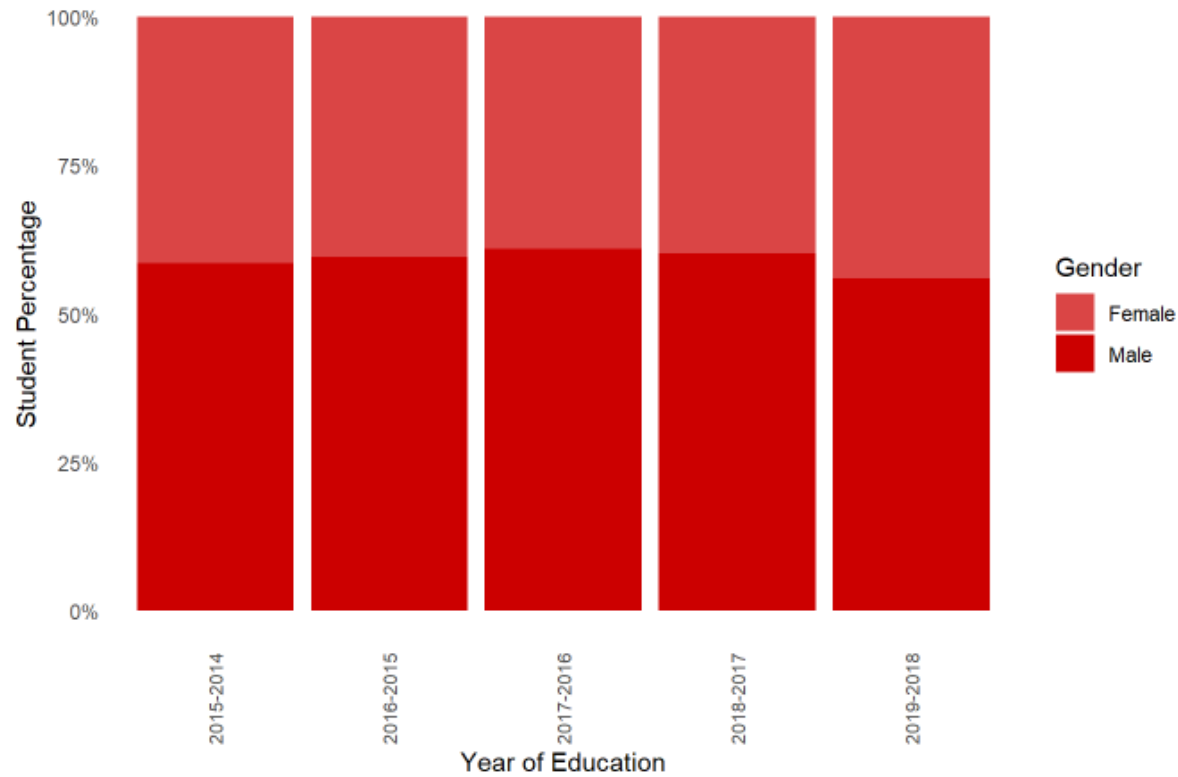
# GENDER FACTS



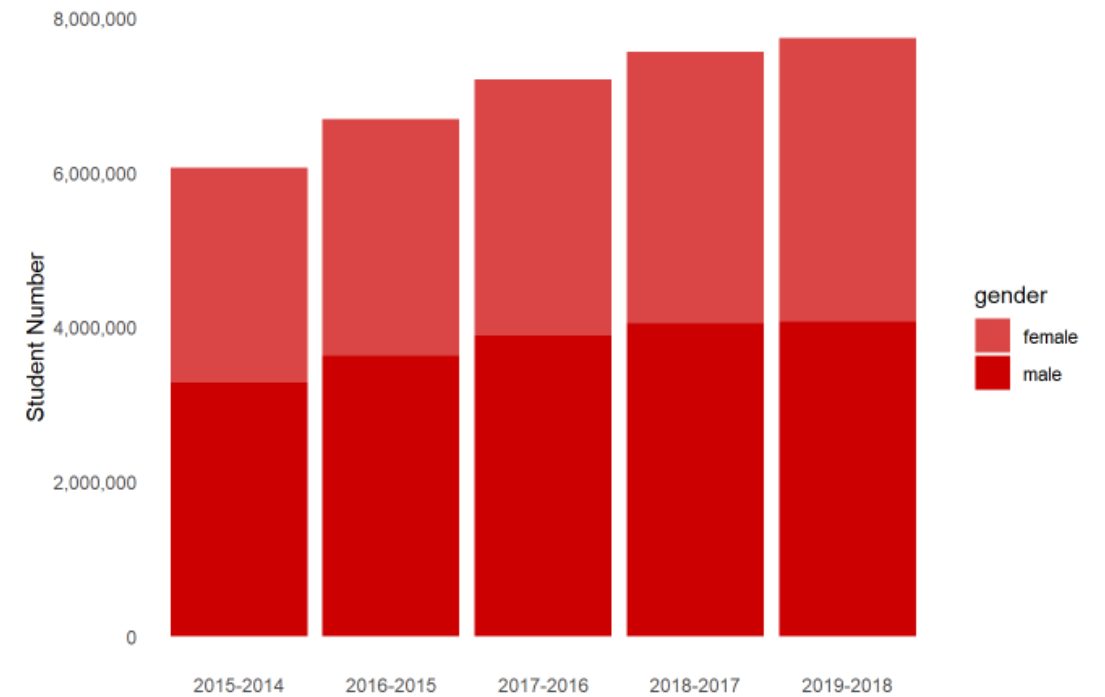
masters & doctorate

total

Student Percentage of Master's and Doctorate Students



Gender Split Among All Universities





# STATE

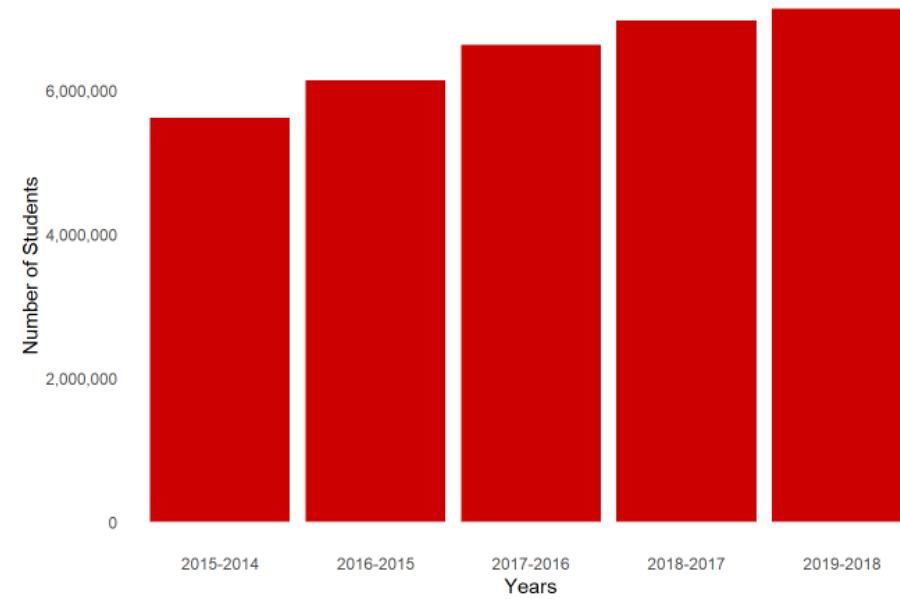
# of students

**7.1M**

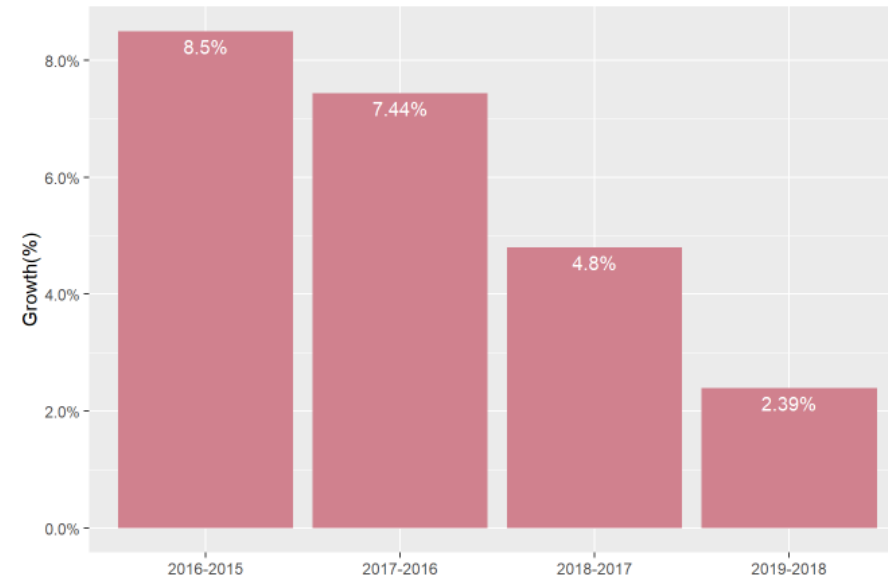
growth

**2.39%\***

Number of Students Based on Years (State Universities)



Growth (State University)



\* 2018-2019 ACADEMIC YEAR



# FOUNDATION

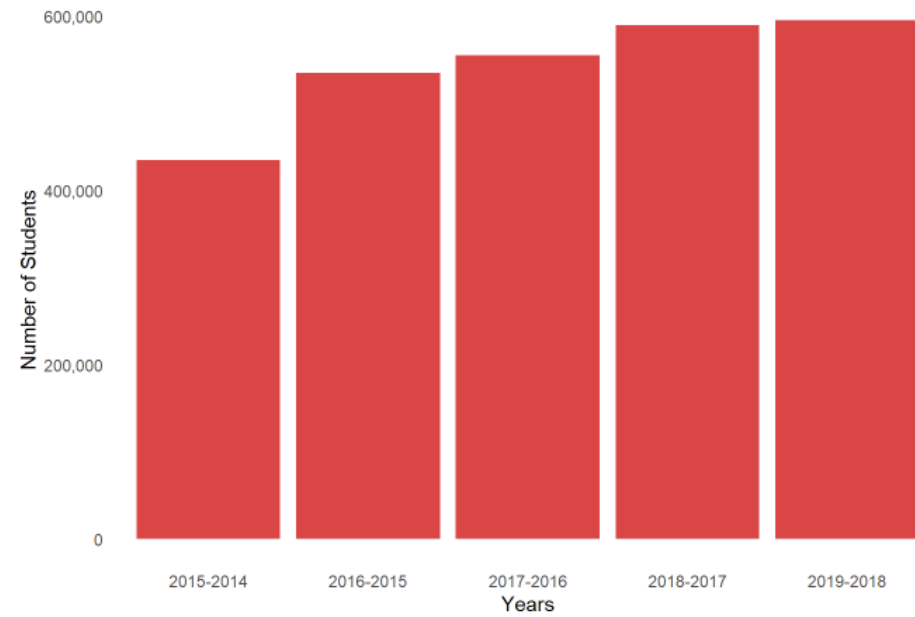
# of students

600K

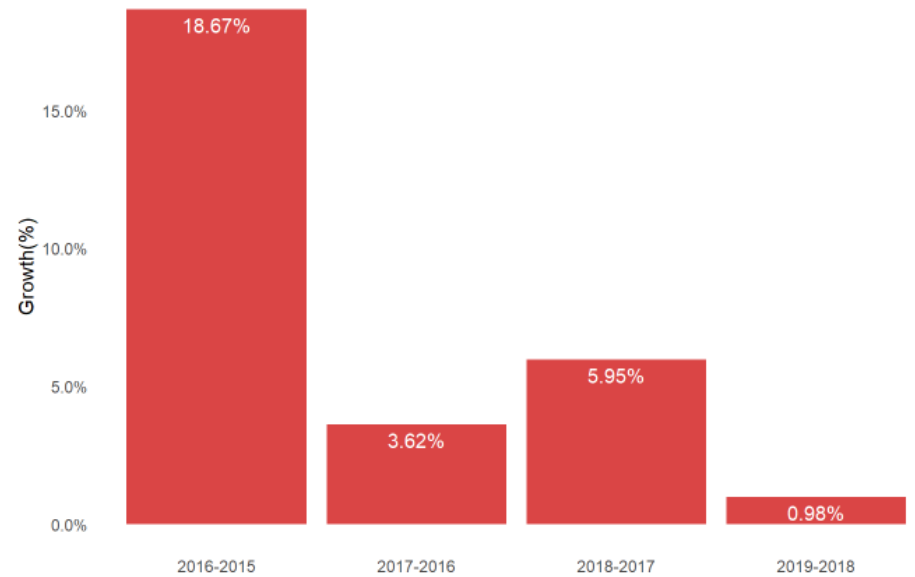
growth

0.98%\*

Number of Students Based on Years (Foundation Universities)



Growth (Foundation University)



\* 2018-2019 ACADEMIC YEAR



# PROGRAM FACTS\*

**ASSOCIATE**

**41%**

**bachelor**

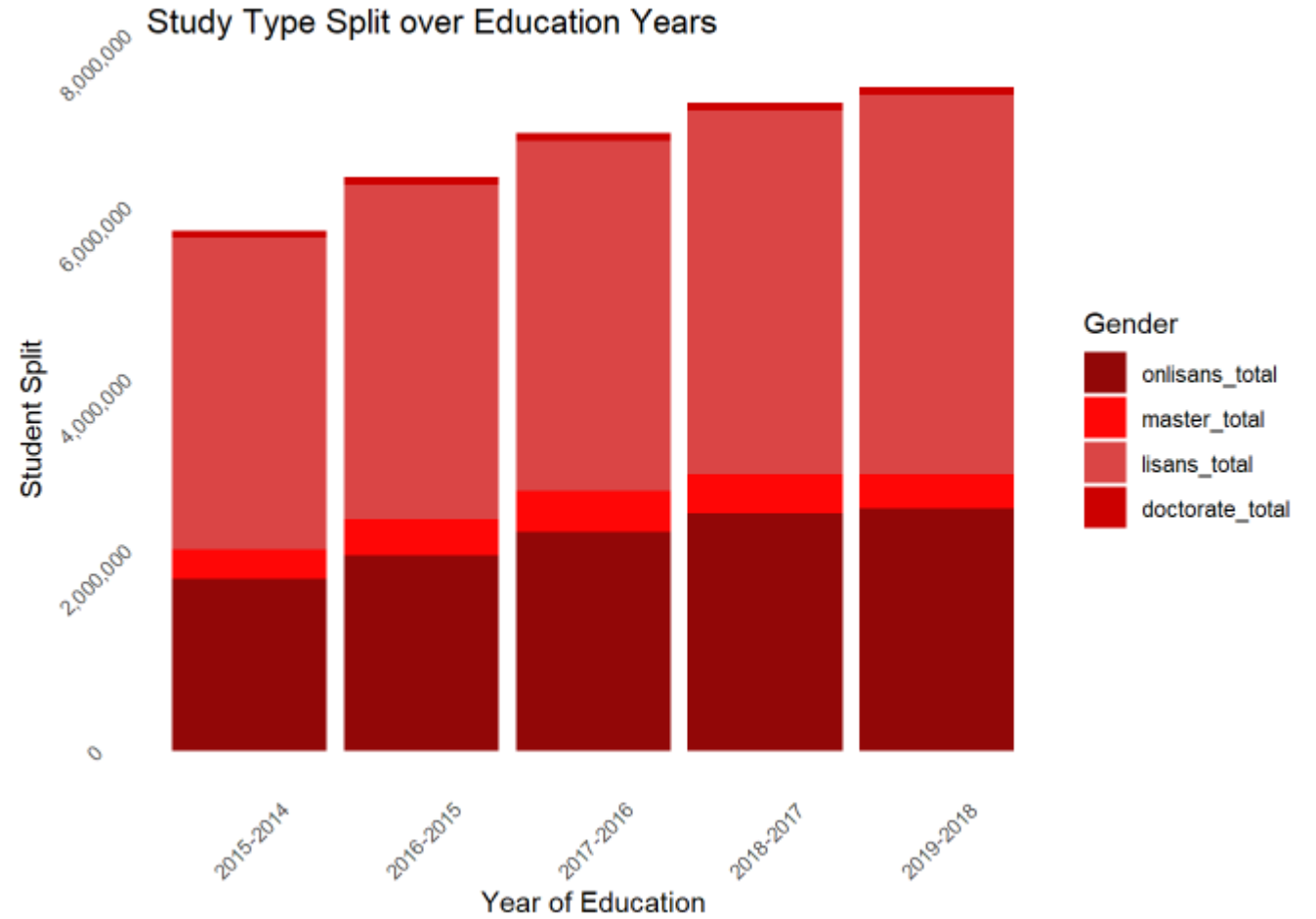
**53%**

**masters**

**5%**

**doctorate**

**1%**



\*AS OF 2018-2019 ACADEMIC YEAR

# PROGRAM FACTS



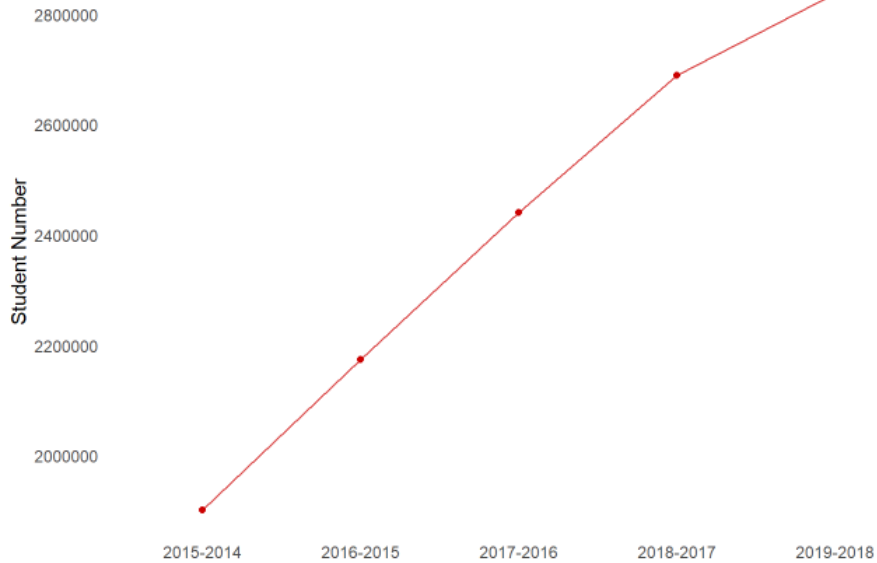
Associate

12M\*

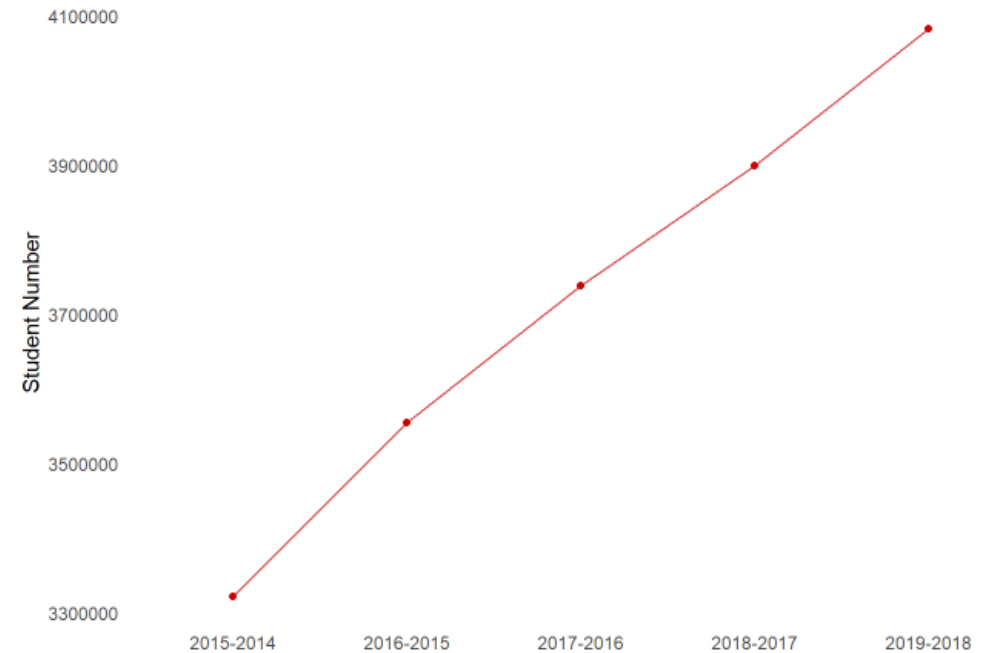
Bachelors

18M\*

Associate Students



Bachelors Students



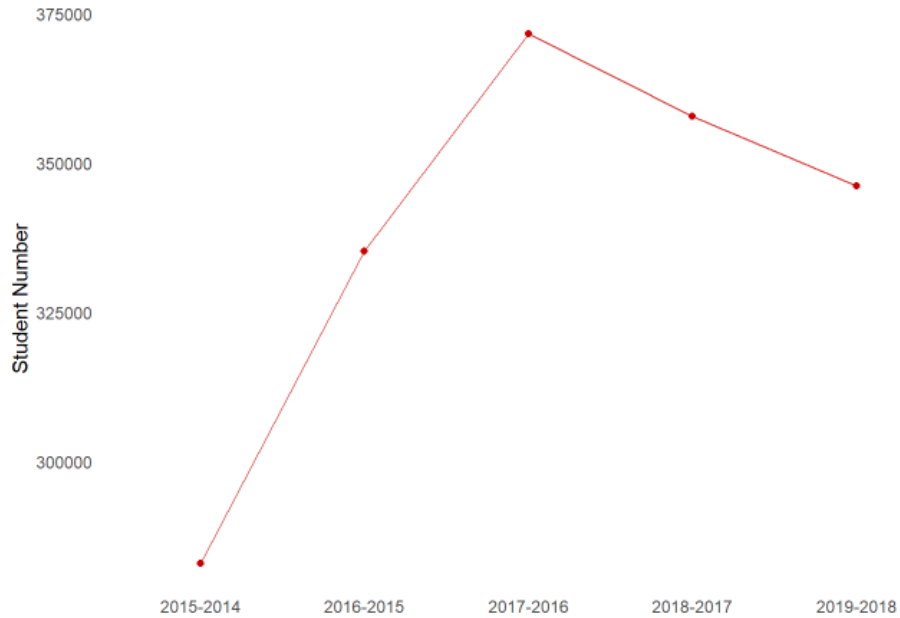


# PROGRAM FACTS

Masters

1.7M\*

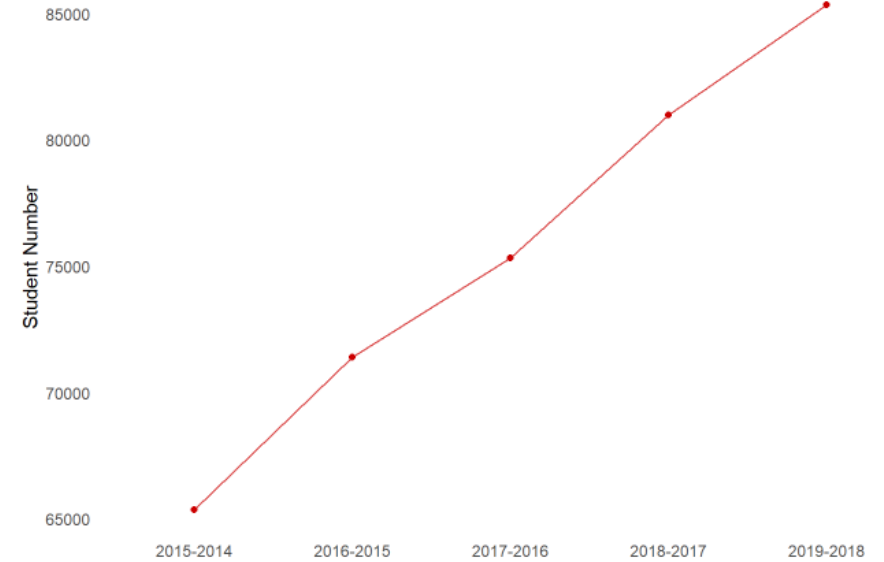
Masters Students



Doctorate

380K\*

Doctorate Students





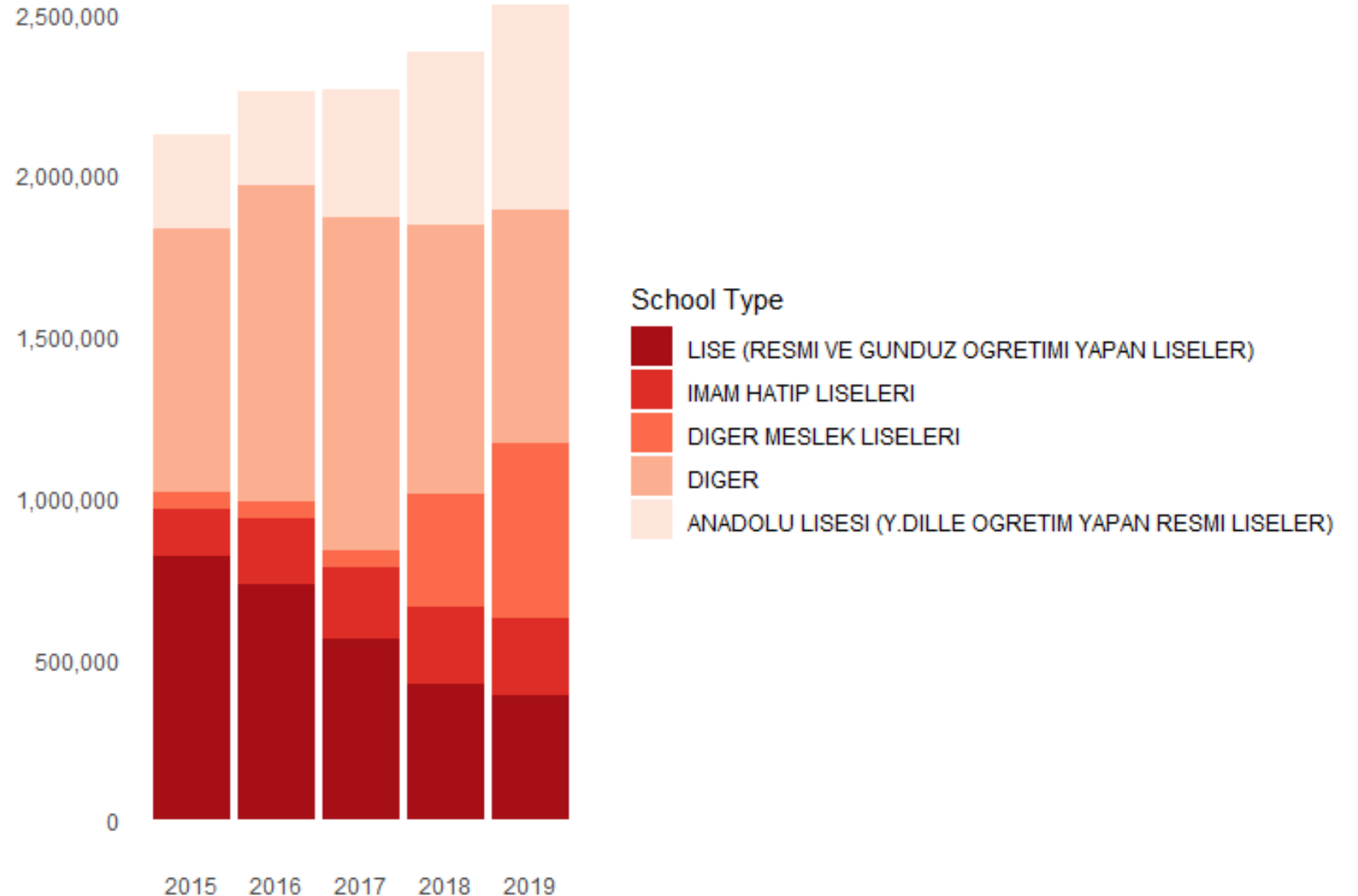


# ADMISSION – APPLICANT FACTS

Number Of Applicants In Years

## TREND

Significant increase in applications from vocational and Anatolian high school while number of applicants from regular high schools decreasing



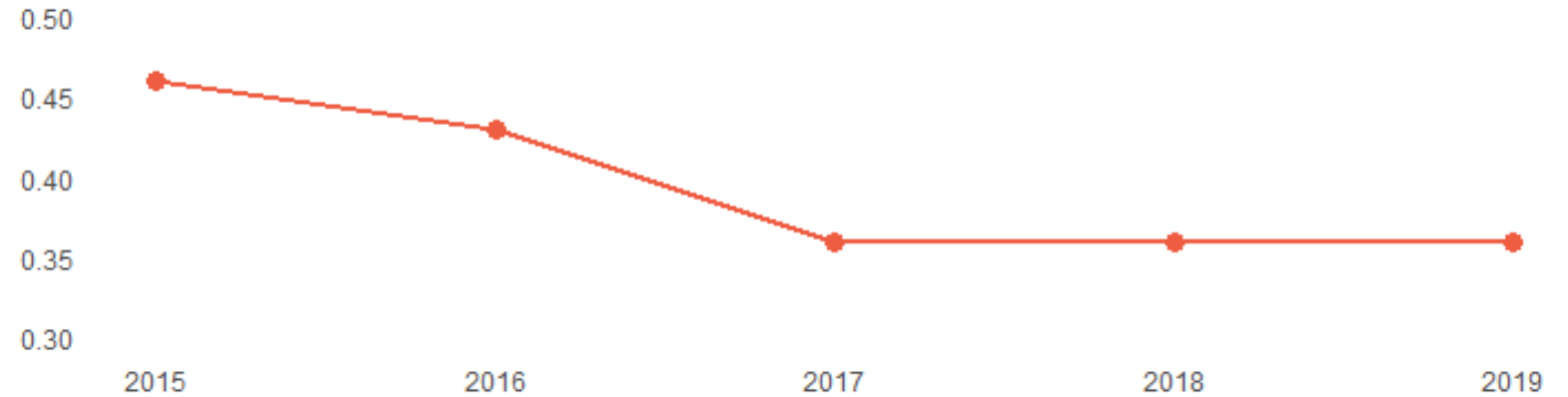


# ADMISSION – SUCCESS RATE ANALYSIS

## Rate

Although the number of applicants increased over the years, the percentage of settlers in total decreased.

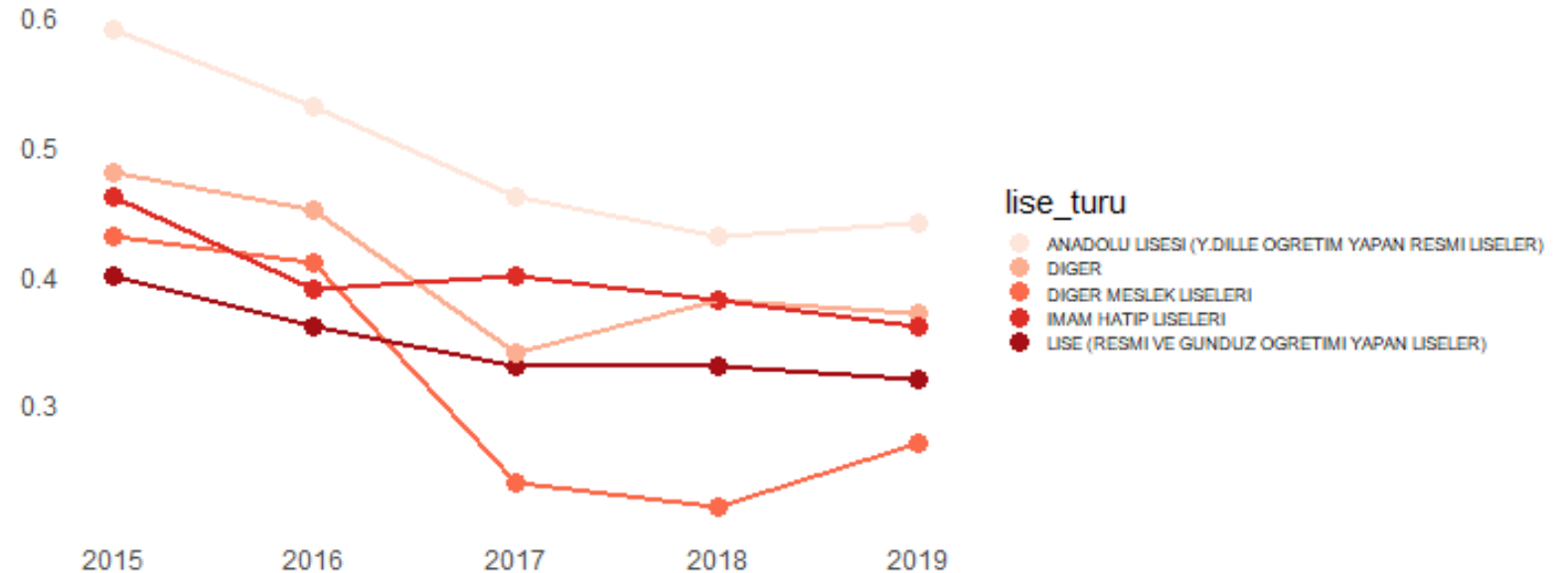
Change of Total Success Rate In Years



## Comparison of School Success Rates

The biggest decrease in success rate appears in vocational high schools.

Comparison of Success Rates In Years



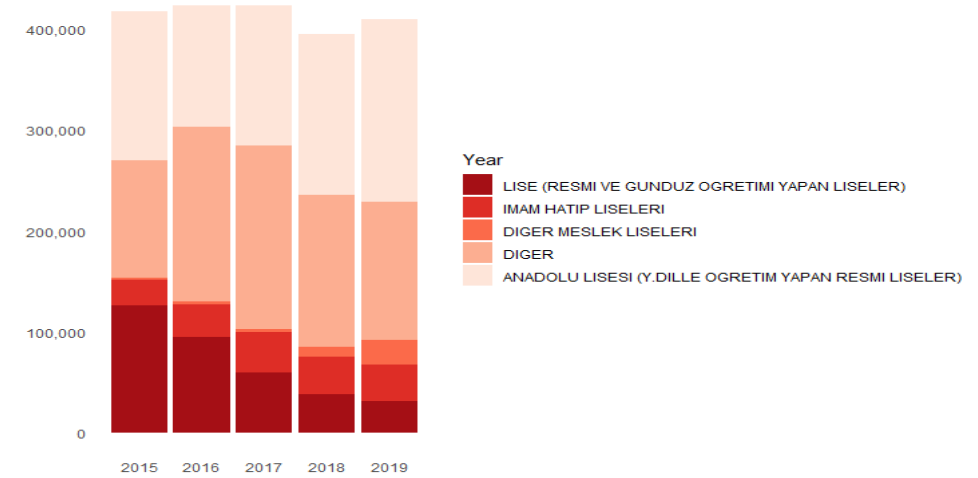


# ADMISSION – DISTRIBUTION OF ACCEPTED STUDENTS

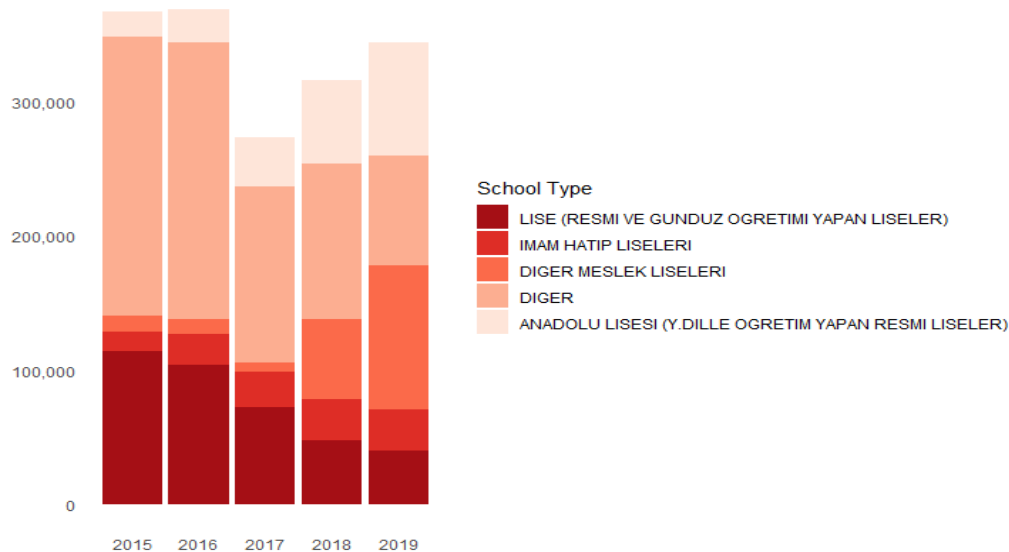
## Proportion of accepted students

- The acceptance proportion of high schools in Undergraduate programs have decreased in years.
- The acceptance proportion of Vocational and Anatolian high schools in Associate Degree programs have increased in years.

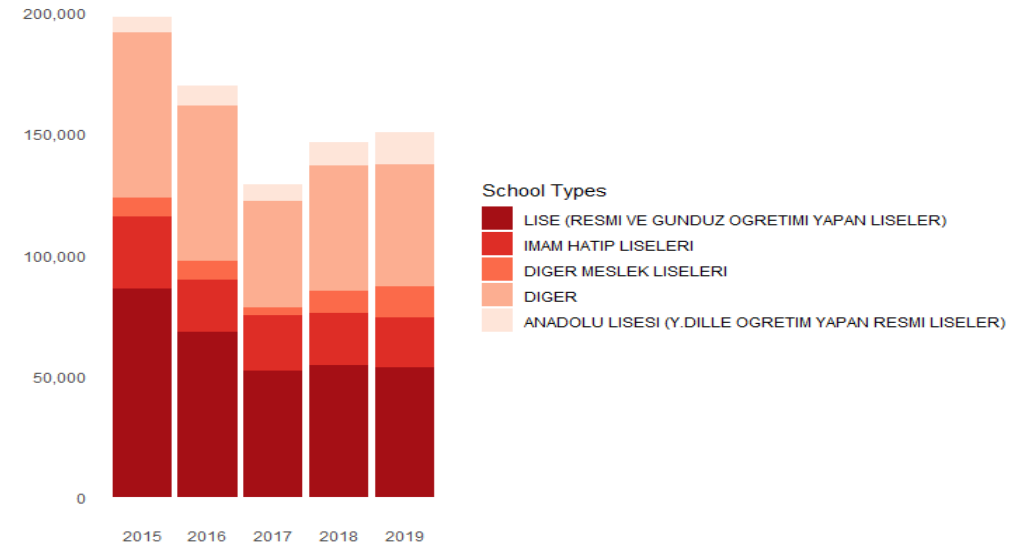
Dist.of Accepted Students To Undergraduate Programs



Dist.of Accepted Students To Associate Degree Programs



Dist.of Accepted Students To Open University Programs





# EXCHANGE PROGRAM

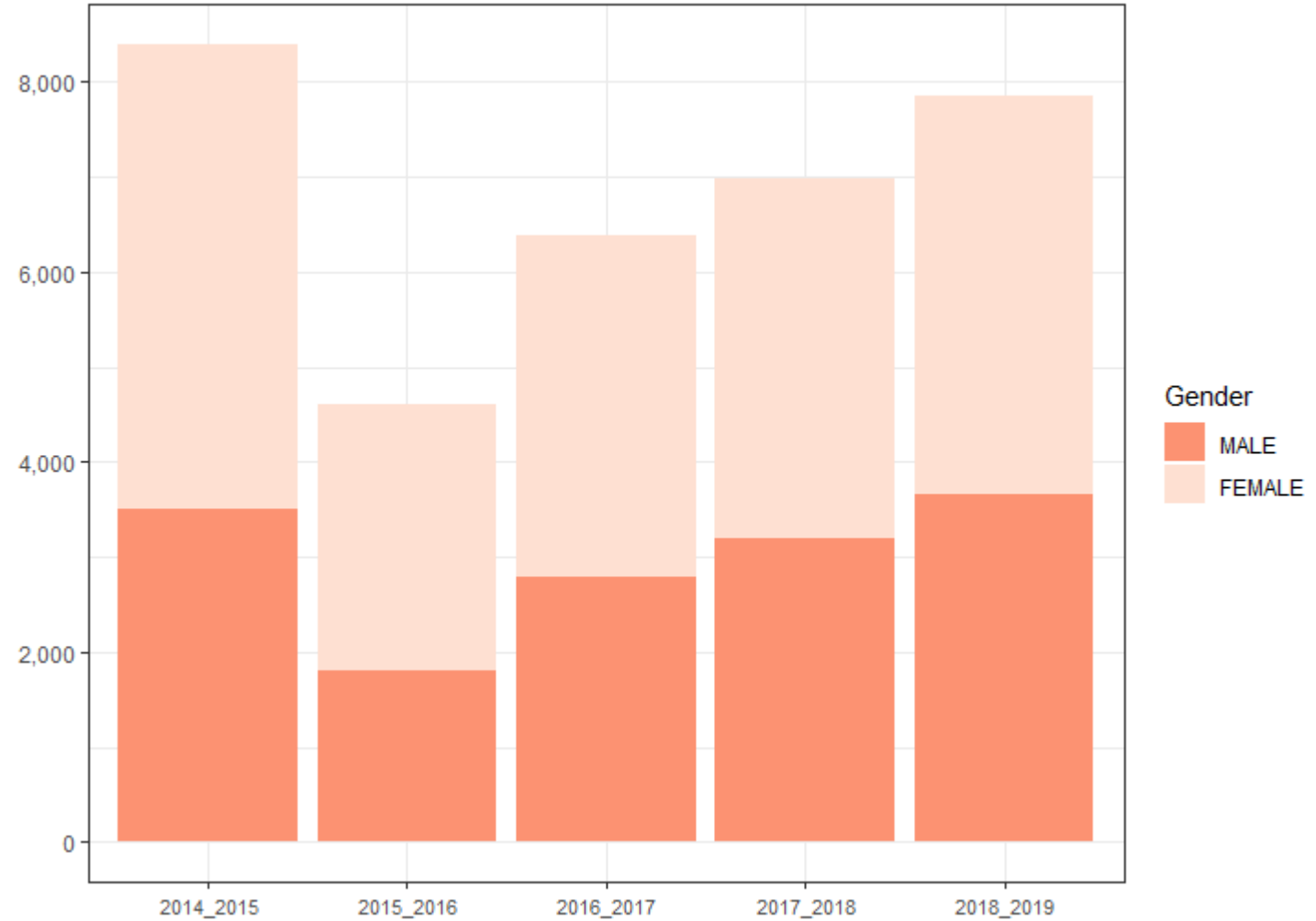
male

3,662

female

4,198

Total Number of Students in Exchange Programs





# EXCHANGE PROGRAM

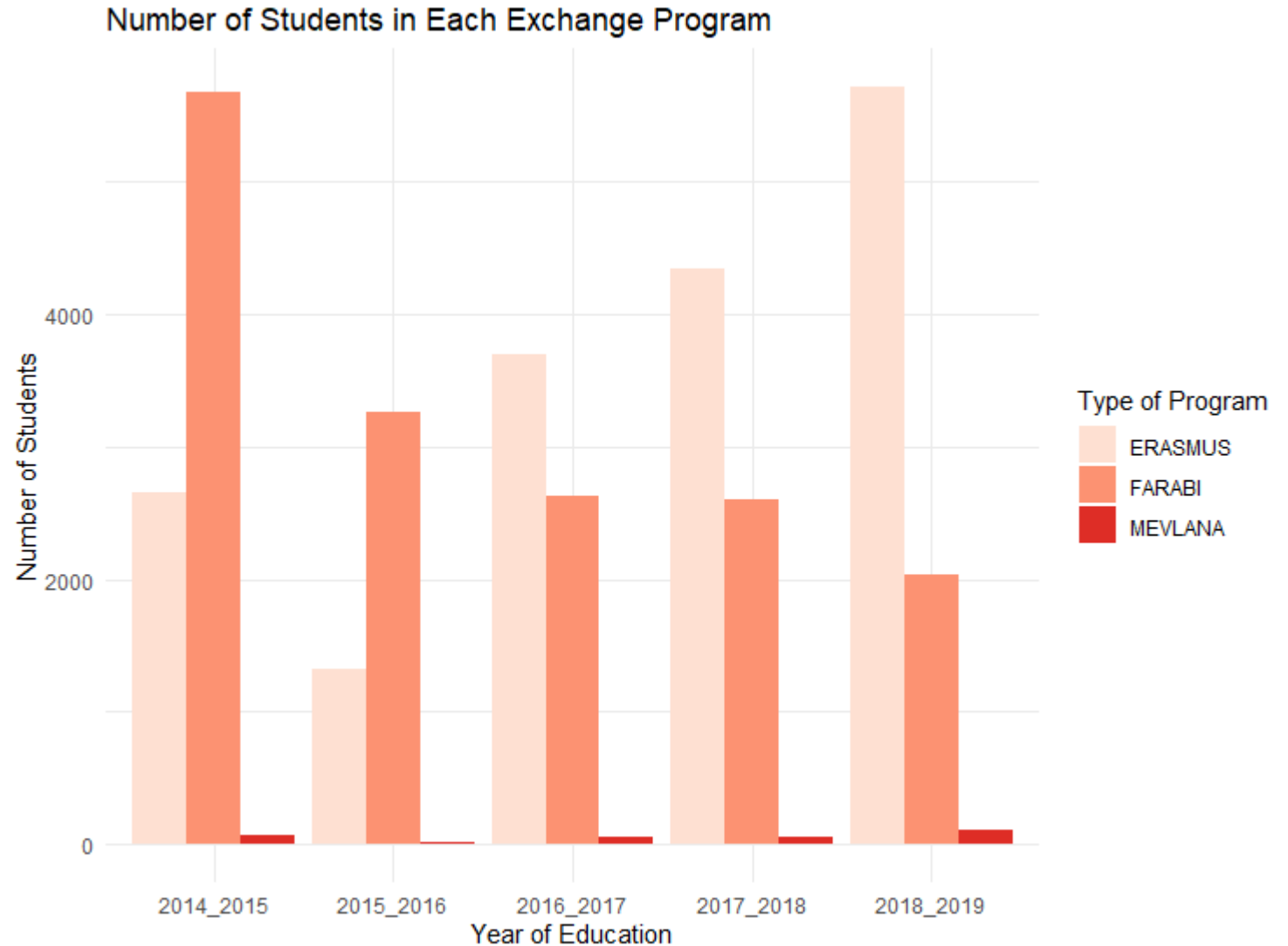
## Preferences of the Programs

"Farabi" was the most preferred program by students.

"Erasmus" became the most preferred program by students after the 2016 events.

## (2014-2015) vs (2018-2019)

- 2014 – 2015
  - Erasmus – 2,657
  - Farabi – 5,675
  - Mevlana – 65
- 2018 – 2019
  - Erasmus – 5,714
  - Farabi – 2,036
  - Mevlana – 110

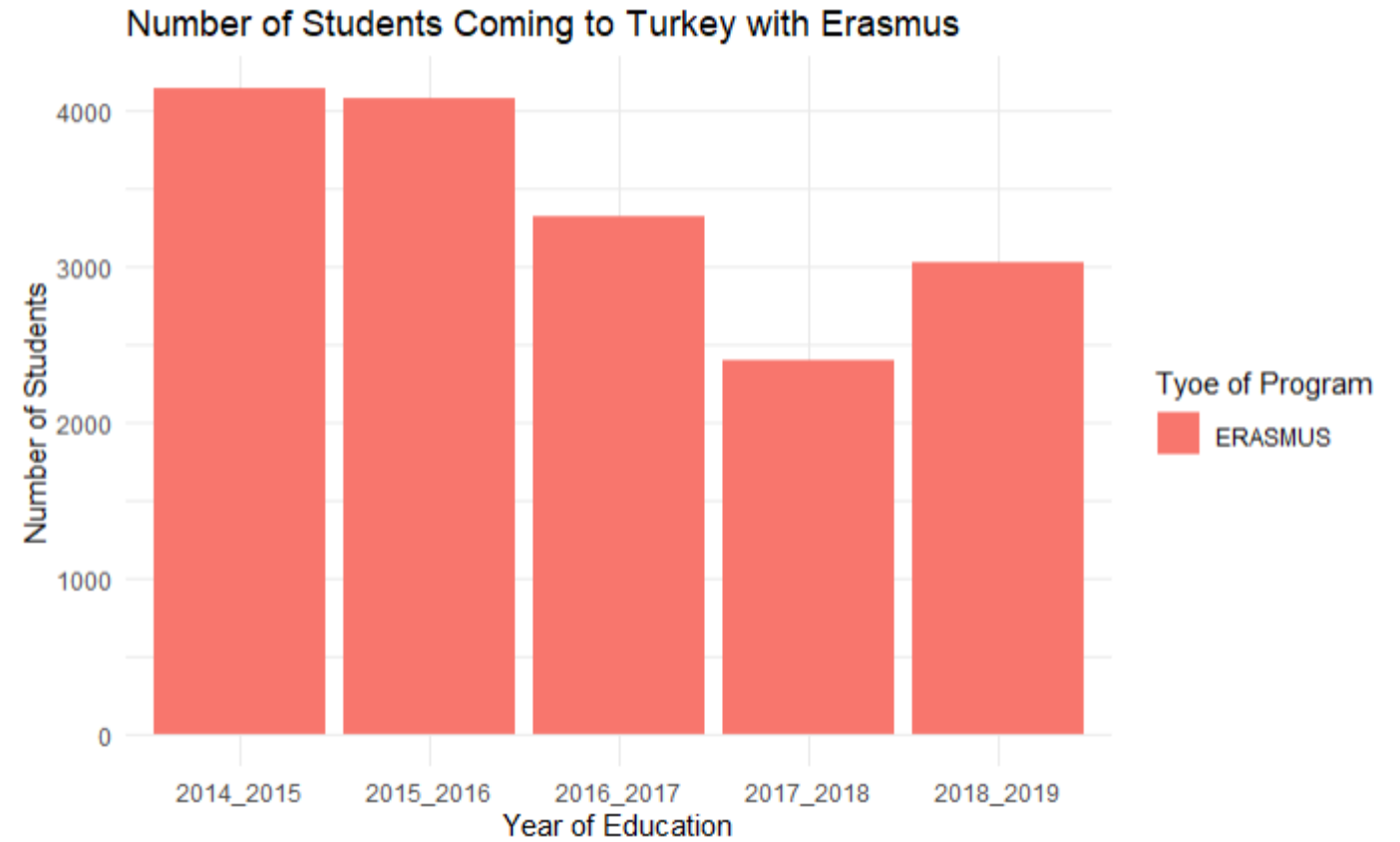




# EXCHANGE PROGRAM

## incoming students

- There is decrease in incoming student number due to 2016 events.



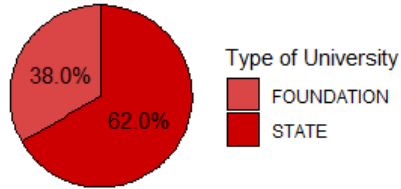


# OUTGOING VS INCOMING

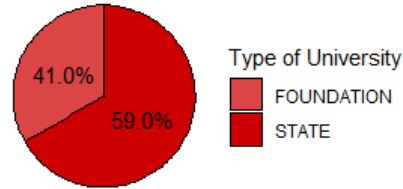
- State schools are the ones who sends out the most outgoing students. This is because the absolut number.
- Most of incoming students are coming to foundation universities.
- In incoming students, there is no as significant decrease as in outgoing students. This is because of currency shock.

### Students Participating to Erasmus Program in Turkey

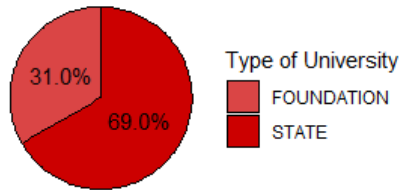
2014-2015



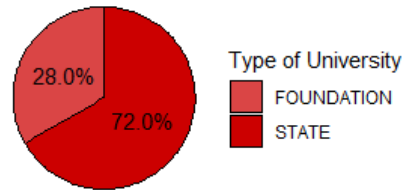
2015-2016



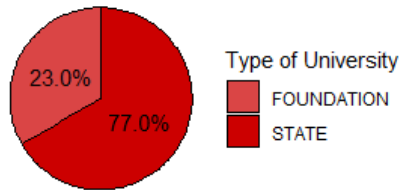
2016-2017



2017-2018

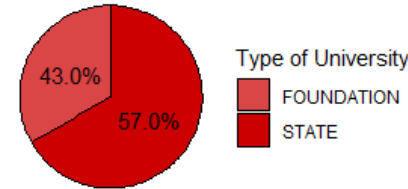


2018-2019

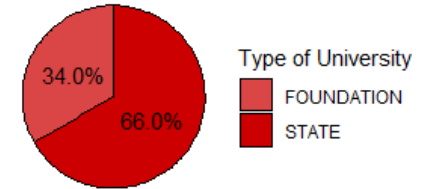


### Students Coming Turkey via Erasmus Program by Type of University

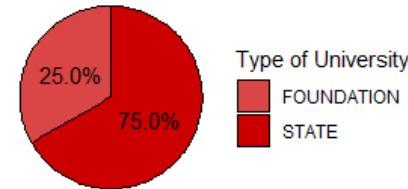
2014-2015



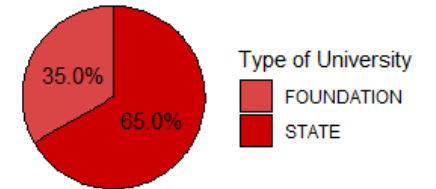
2015-2016



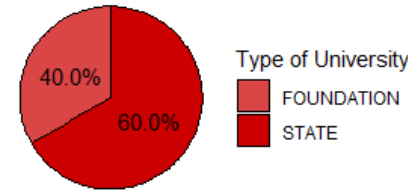
2015-2016



2017-2018



2018-2019





# EXCHANGE PROGRAM

## Popularity of Cities

- Konya became one of the popular cities.
- Denizli was one of the popular cities but became less popular after 2016.

Most Desired Cities in Exchange Programs

