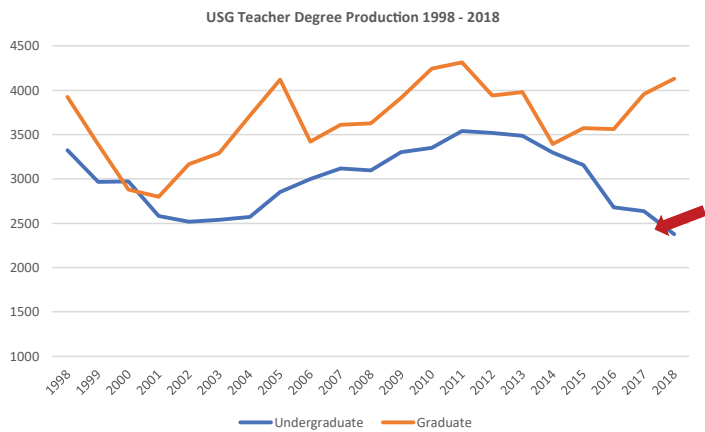


# Georgia's Teacher, Engineer, Computer Science Degree Production Trends

## 20 Year Trends



20 Year Average - Georgia BS/BA Production Rates for Secondary Education

Math Education (average rate)	58
Science Education (average rate)	23
Chemistry Education (average rate)	1
Physics Education (average rate)	1/4
Engineering Education (current rate)	0
Computer Science Education (current rate)	0

### Negatively

USG Undergraduate Teacher Production is at the lowest level in over **25 Years** and is effectively **ZERO** for most secondary education STEM degrees.

### Positively

Informal STEM Learning systems correlates strongly with the rise in Engineering and Computer Science degree production. The endorsement of **FIRST** by the State of Georgia increased team growth, which will increase the production rate of engineers and computer science degrees even more than today.

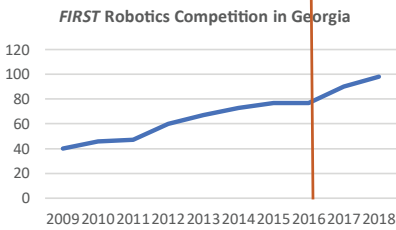
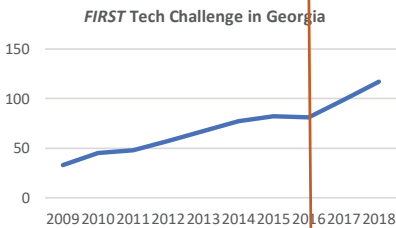
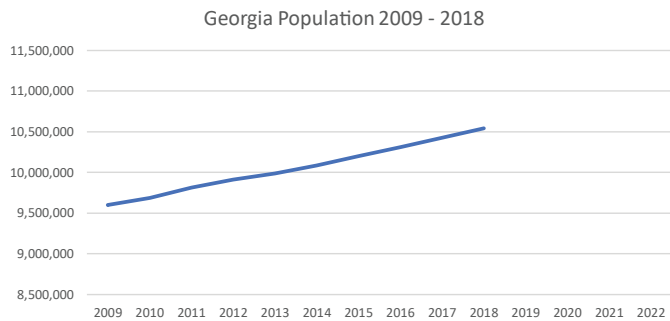
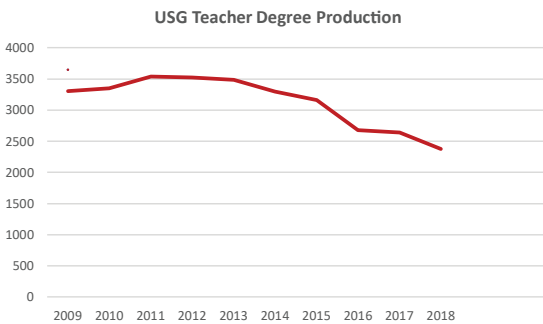
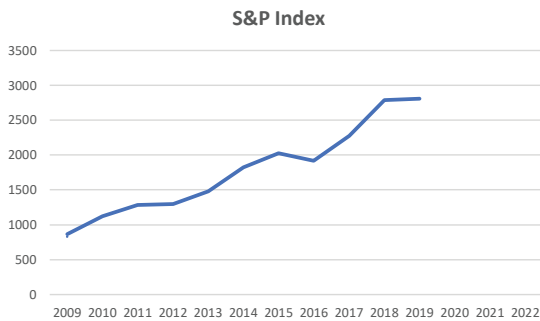
## 10 Year Trends

Teacher Supply is Declining

Population is Growing

The economy is more STEM Dependent

By 2040, ½ of the U.S. Population Will Live in 8 States, Including Georgia



The vertical bar is when Georgia adopted **FIRST** as a CTSO.

## USG Degree Production Engineering and Computer Science

3 X

Increase

Increase in **Masters** degrees starting in 2016 due to Georgia Tech online **Masters** program implemented in 2014