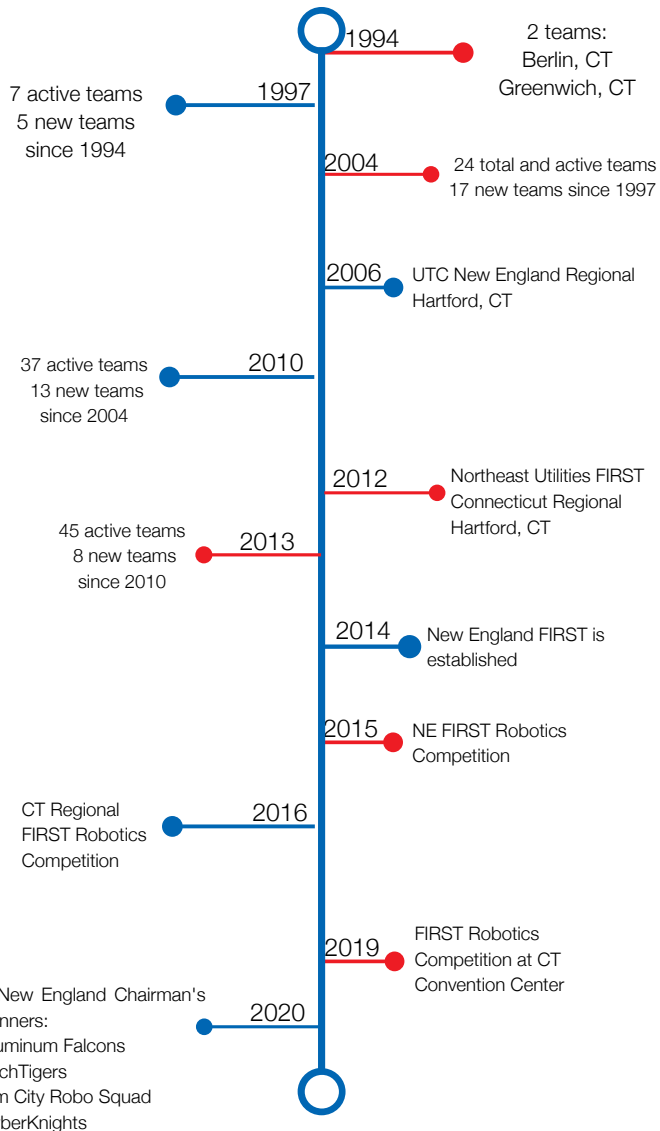


# A History of FIRST in CT



**FIRST STATISTICS FROM**  
Center for Youth and Communities,  
Brandeis University. (2019). FIRST  
Longitudinal Study.

**FOR MORE INFORMATION**  
FIRSTinspires.com  
FIRSTinspires.org/resource-  
library/first-impact  
<http://sneac.info>



**THE IMPACT OF  
FIRST IN  
CONNECTICUT**

# About FIRST

Starting in **New England** in 1992, FIRST Robotics began as a means to get high school students excited about Science, Math, Engineering, and Math. Since then, it's become a global competition that has impacted over **575,000 students**.

## FIRST's Mission:

"The mission of FIRST® is to inspire young people to be science and technology leaders and innovators, by engaging them in exciting mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership."

# OUR GOALS

## Job Projections in CT 2016-2026

Connecticut Occupational and Industry Projections. Retrieved from <https://www1.ctdol.state.ct.us/lmi/ctocgroups2016.asp>

### Software Developers

+ 2783 Jobs ↑ 29.30%

### Statisticians

+ 197 Jobs ↑ 36.50%

### Operations Research Analysts

+ 436 Jobs ↑ 29.60%

### Biomedical Engineers

+ 18 Jobs ↑ 10.60%

### Chemical Engineers

+ 29 Jobs ↑ 10.50%

### Electrical Engineers

+ 236 Jobs ↑ 10.00%

### Industrial Engineers

+ 896 Jobs ↑ 19.50%

### Mechanical Engineers

+ 1478 Jobs ↑ 23.80%

## Why FIRST Teams Need Support

### The Cost per FRC Team in New England

**\$5,000-\$6,000** Team Registration, a Robot Kit of Parts & Event Entry

+

**\$5,000-\$10,000** Estimated cost to build a competition robot

+

**\$4,000** Registration for NE District Championship if qualified

+

**\$5,000** Registration to World Championship if qualified

+

**\$19,000-\$25,000** Total for initial fees, robot build, District Championship & World Championship

\*Not including cost of travel, food or team shirts