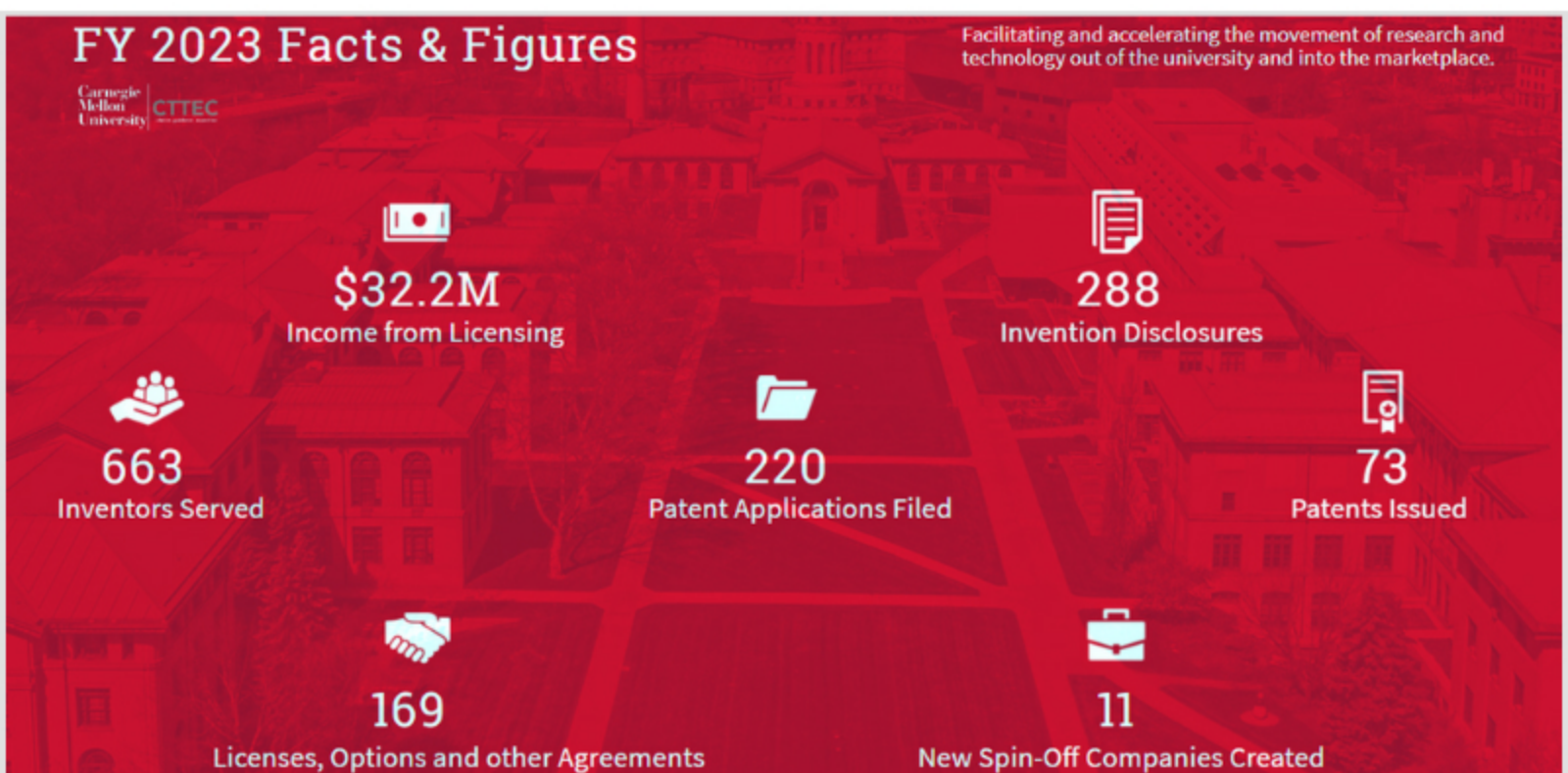


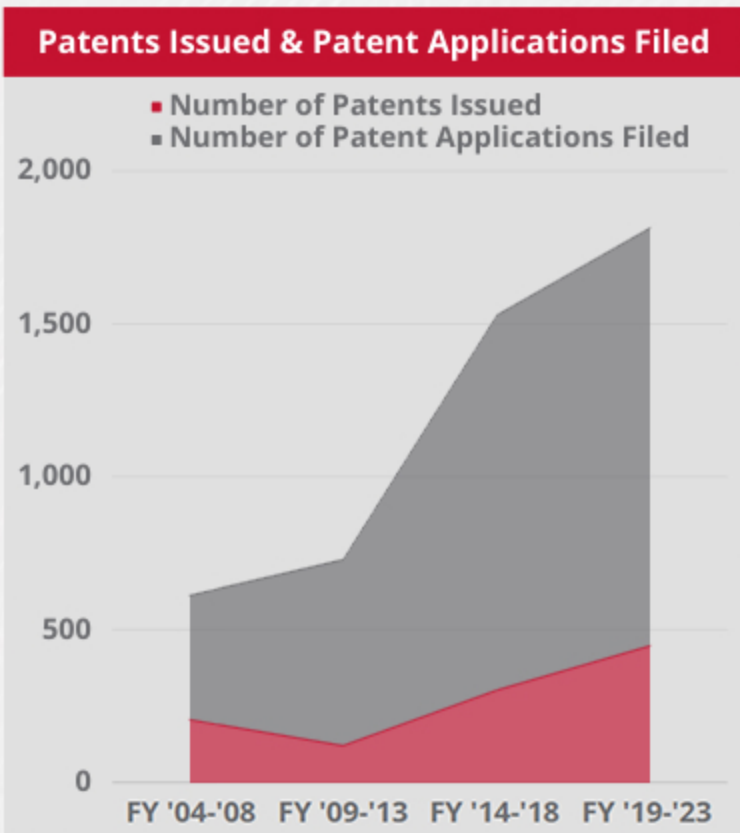
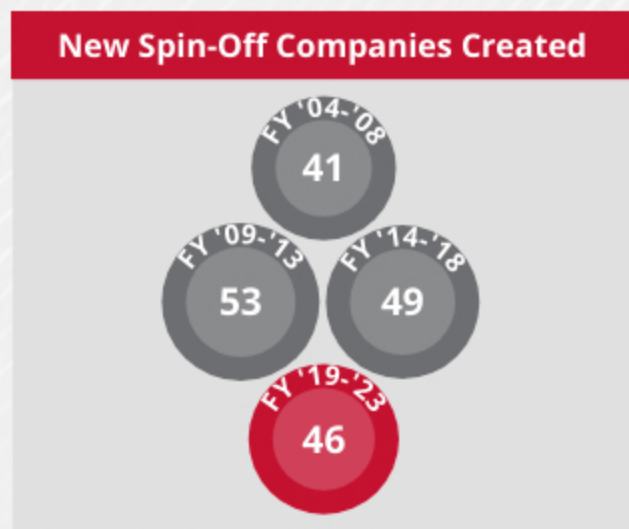
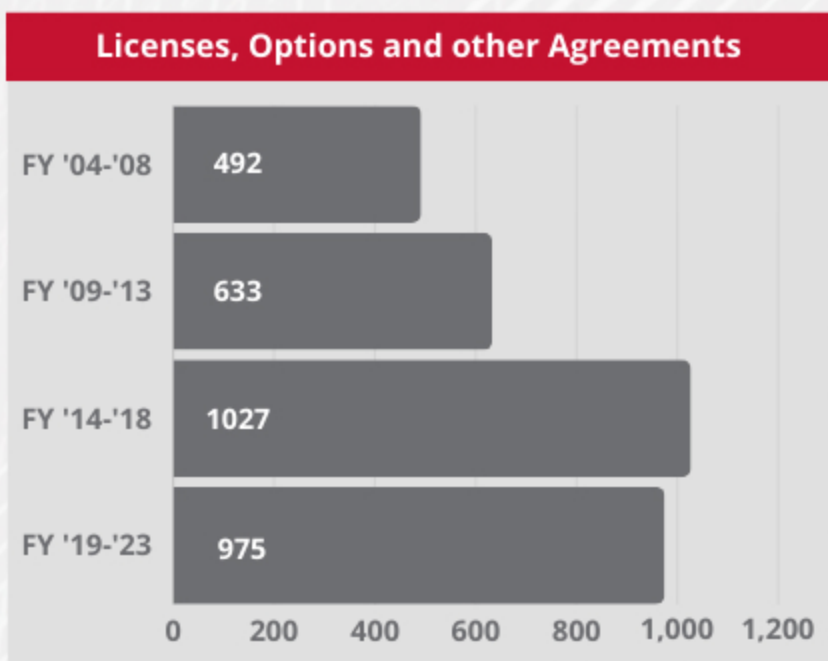
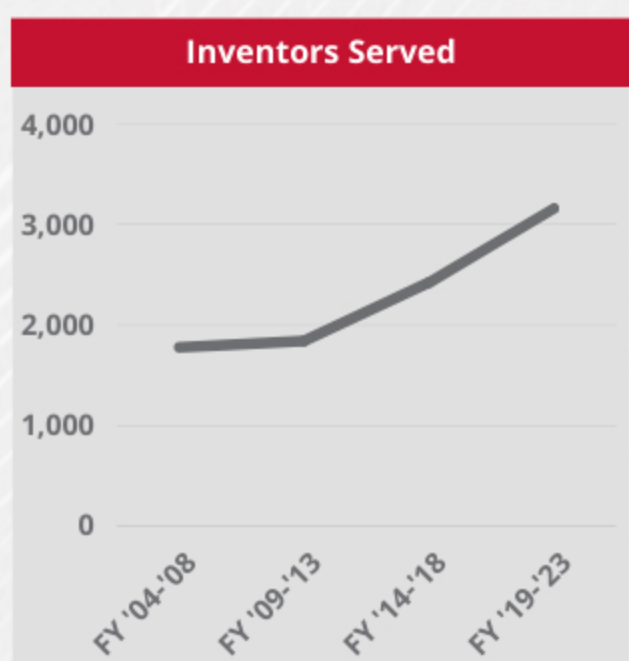
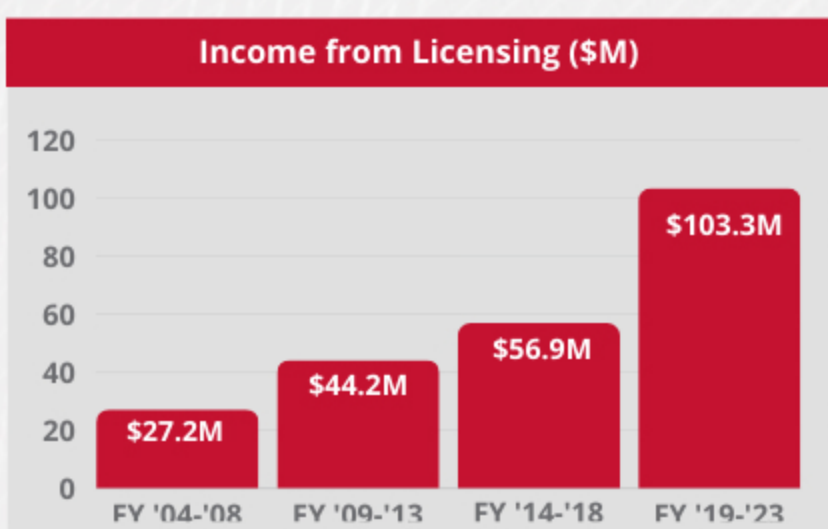


# LICENSING AND TECHNOLOGY TRANSFER

Carnegie Mellon University continually generates novel and important discoveries in science and technology. Our job at CTTEC is to ensure these technologies find their way from CMU labs to the marketplace.



## 5 YEAR COMPARISON



## QUICK VIEWS: PATHWAYS TO SUCCESS

**duolingo**  
Duolingo is a free science-based language education platform that has organically become the most popular way to learn languages online with more than 300 million users worldwide. Duolingo trades on the NASDAQ Stock exchange under the ticker symbol DUOL.

**CATERPILLAR**  
Caterpillar and CMU's National Robotics Engineering Center maintain a long-standing relationship that has led to the development of commercial systems for autonomous vehicles including large off-highway trucks.

**• APTIV •**  
CMU's faculty have been the leaders in autonomous vehicle research for decades. The CMU spinoff, Ottomatika, was acquired in 2015 by Delphi Automotive and split off as Aptiv in 2017 to advance autonomous vehicles in urban and highway settings. Aptiv recently partnered with Hyundai Motor Group for a new AV joint venture, Motional.