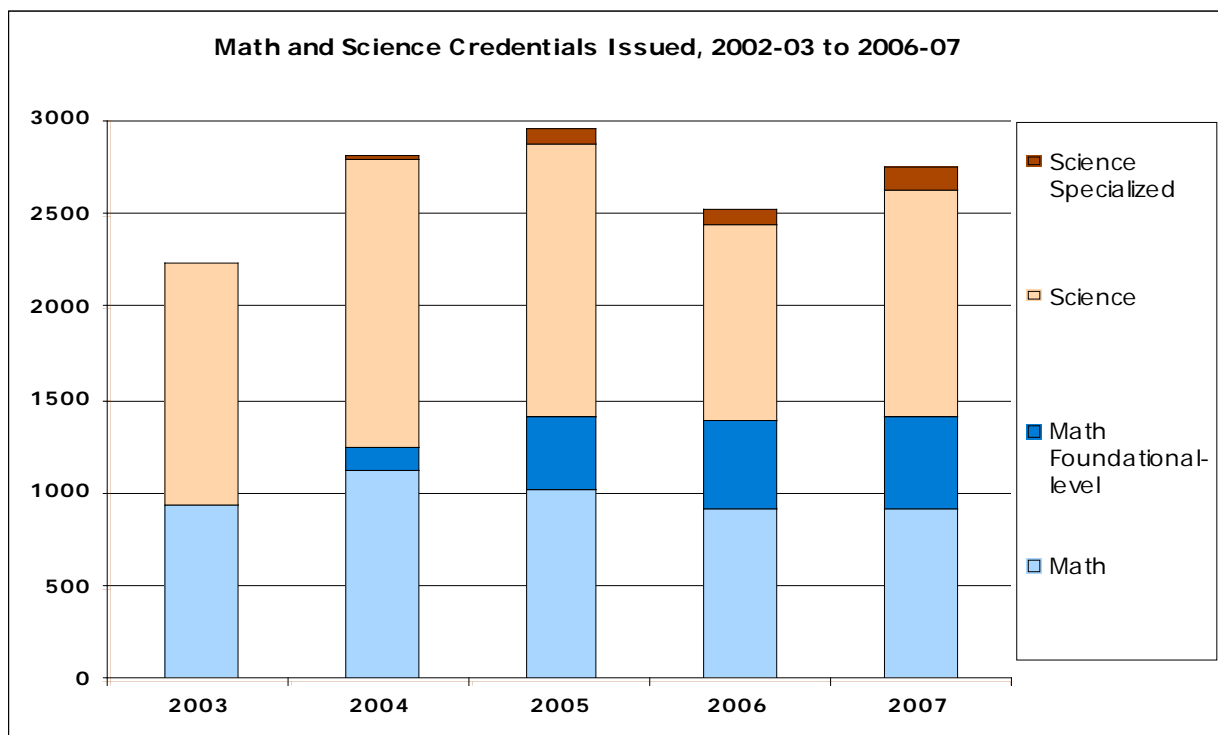




## Math and Science Credentials Issued April 2008

In 2006-07, the Commission issued almost 1,500 credentials in Math and another 1,200 credentials in Science to California prepared (Institutions of Higher Education and District programs) and Out-of-state trained teachers.

A new credential in Foundational-level Math was issued starting in spring 2003. Though the number of Math credentials remained fairly steady around 1,000 credentials, this new credential in Foundational-level math helped to add another 400 to 500 credentials in Math in the past three years. So overall, there has been a significant increase in the number of Math credentials, increased by 52% in the past five years. Among the Math credentials issued, two-thirds (66 percent) are issued in Math and one-third in Foundational-level Math.



Similarly, new credentials are issued in Science Specialized subject areas starting in spring 2003. Though the number of credentials issued in Science Specialized is small, there has been a steady increase in the number of Science Specialized credentials; 7 in 2004 to 117 in 2007. Each year, about 1,200 credentials are issued in regular Science: nearly two-thirds in Biology (61 percent) and the rest in Chemistry (19 percent), Geosciences (11 percent), and Physics (10 percent). Overall there has been a slight decline (98 credentials or by 7 percent) in the regular Science (Biology) credentials. It is interesting to note during the same period there is an increase of about 120 credentials in Science Specialized credentials.

According to the California Postsecondary Education Commission 2006 data, at the state level, there were about 12,000 bachelor degrees awarded in Math and Science-related disciplines. Though there is an increase of Math and Science bachelor degrees in the past five years, less than one-fifth (about 18 percent) of California bachelor degree holders pursues a teaching career in Math or Science at the K-12 level.

*Data Sources: Commission on Teacher Credentialing; Teacher Supply Reports, 2002-03 to 2006-07; California Postsecondary Education Commission; online degree data, 2002 to 2006.*