



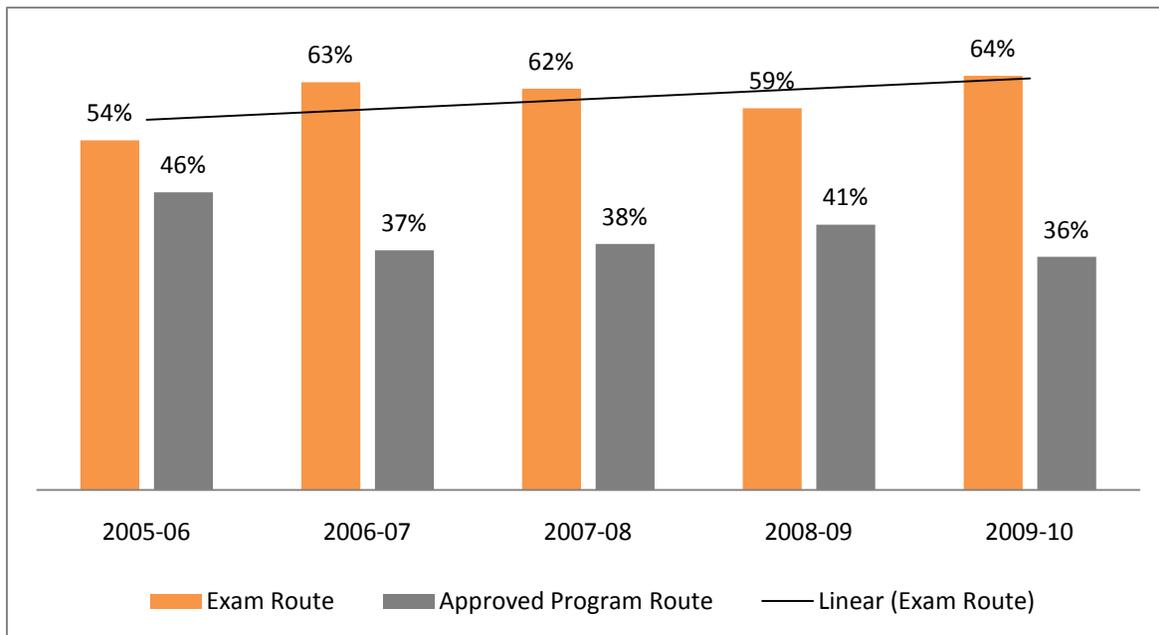
Is Exam Route a popular option to fulfill subject matter requirement?

Each year, about 10,000 initial credentials are issued in Single Subjects in the following content areas: Agriculture, Art, Biological Sciences, Biological Sciences (Specialized), Business, Chemistry, Chemistry (Specialized), English, General Science (Foundational-level), Geosciences, Geosciences (Specialized), Health Science, Home Economics, Industrial and Technology Education, Languages Other than English (LOTE), Mathematics, Mathematics (Foundational-level), Music, Physical Education, Physics, Physics (Specialized), and Social Science.

California verifies a single subject candidate's knowledge of an academic content area by one of two methods: achievement of a passing score on a subject matter examination (currently the subject matter requirements for California certification by examination are required to take the California Subject Examination for Teachers) or completion of a Commission-approved subject-matter program or its equivalent. Please note that exams may be used to add additional authorizations to an existing single subject credential.

In 2009-10, sixty-four percent of Single Subject Credential candidates used the subject matter examination option to demonstrate subject matter competency. All other single subject candidates satisfied this requirement by completion of a Commission-approved subject matter program. For Foundational-level Mathematics, almost all (99%) candidates used the exam route option; Chemistry (specialized), Geosciences (specialized), Foundational-level General Science, and Physics used the exam option at a higher frequency as well (85%, 97%, 89%, 82%, respectively). Among LOTE, candidates receiving credentials in Mandarin used the exam option the most (90%). Candidates in Agriculture and Music used the exam option the least: 20% and 22%, respectively.

**Subject Matter Competency –
Approved Program vs. Exam Route Options: 2005-06 to 2009-10**



Overall, the exam route option to fulfill subject matter requirement seems to be a popular option among single subject teacher candidates and the option seems to show an upward trend in recent years.

For Commission approved subject matter programs, see the following link:
http://134.186.81.79/fmi/xsl/CTC_NewSubject/AllSubjects.xsl