

Reference

This report presents data collected in a statistically designed survey of four-year college and university departments of mathematics (and mathematical sciences), university departments of statistics and mathematics programs at two-year colleges for Fall 1995. The data are presented by departments classified by the highest mathematics degree offered. There is a separate section on two-year college mathematics programs. The report presents detailed information on course enrollments and departmental and program faculty with a special emphasis on gender and ethnic status. A special feature is a detailed profile of first-year calculus and statistics courses. For these courses, extensive enrollment data are given for the various instructional formats—large lecture and small- and medium-size regular sections. Additional enrollment information on the use of "reform" texts, graphing calculators, group projects, etc., is presented. These data are unique to this survey.

The data are presented in a series of easy-to-read tables, with each of the tables entirely self contained, with general data in the first chapter followed by more specific information in succeeding chapters. Most of the tables have illustrative figures and an accompanying text giving background information to better place in context the data presented in the table.

Two chapters are devoted specifically to data on two-year college mathematics programs with detailed information on enrollment and faculty not available from any other source.

This report presents a careful and well-presented analysis of the state of undergraduate mathematics and statistics courses, as well as the faculty who teach these courses. It is a valuable guide for assessing today's activities and tomorrow's trends.

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