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# ASTM International Technical Committee E11 on Quality and Statistics

## Scope

2.1 The scope of the committee is to promote the appropriate use of the principles and methods of statistics and quality control in the development, application and improvement of standards. The committee will:

2.1.1 Develop, produce and maintain standards for methods of statistics and quality control, including practices, guides, and terminology;

2.1.1 Coordinate with other ASTM committees and other organizations having common interests, including the review and harmonization of related standards where applicable;

2.1.2 Aid and advise ASTM technical committees, management, and staff in matters relating to statistics and quality;

2.1.3 Act in liaison with the Committee on Standards regarding all statistically related requirements in Form and Style.

2.1.4 Sponsor workshops, seminars, symposia, and publications on the use of methods of statistics and quality control in standards.

## Technical Subcommittees

- E11.10 Sampling / Statistics
- E11.20 Test Method Evaluation and Quality Control
- E11.30 Statistical Quality Control
- E11.40 Reliability
- E11.50 Metrology
- E11.70 Editorial/Terminology
- E11.90 Executive
- E11.91 Planning

## Key Documents

- E29 Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications
- E122 Standard Practice for Calculating Sample Size to Estimate, With Specified Precision, the Average for a Characteristic of a Lot or Process
- E178 Standard Practice for Dealing With Outlying Observations
- E691 Standard Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method

**Learn more about Committee E11**  
[www.astm.org/COMMIT/E11](http://www.astm.org/COMMIT/E11)



## Quick Facts

**Established** 1946

**Number of Members** 265+

**Number of Standards** 33

**Global Participation**

34 Countries represented

**The standards are available in**

Volume 14.05 in the *Annual Book of ASTM Standards*

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