

## In this world of alphabet soup, do you know what QL stands for?

**QL** stands for Quantitative Literacy. The Quantitative Literacy Group is a volunteer group of professional statisticians sponsored by the Washington Statistical Society (WSS). We're here to help.

**How?** Our mission is to foster and promote QL in the local area. Our goal is to stimulate classroom student interest in mathematics and statistics.

**Why?** Our interests in promoting statistical understanding are reflected in recent news releases.

"Now, much more than arithmetic and geometry, mathematics today is a diverse discipline that deals with data, measurements, observations, and mathematical models of natural phenomena, of human behavior and social systems."

### *Everybody Counts, National Research Council*

"Because of society's expanding use of data... it is important that students develop an understanding of the concepts and processes used in analyzing data."

### *Curriculum and Evaluation Standards National Council of Teachers of Mathematics*

**What do we do?** After contacting and obtaining permission from local school authorities, principals, and teachers, the QL Group will work with educators to help promote issues of statistical education.

Volunteer statisticians with the QL Group will respond to specific requests from schools to do the following activities:

- Speak for classroom and career days (including a videotape augmented discussion, using for example "Against All Odds," the award winning PBS series of programs on probability and statistics).
- Consult on mathematics curriculum, textbooks, and QL teaching materials.
- Serve as science fair judges, host field trips, and provide expertise in statistics and probability.
- Support opportunities for student involvement via statistics contests (e.g., the Curtis Jacobs Memorial Prize).
- Encourage mathematical and statistical participation by traditionally underrepresented groups.
- Work as consultants on QL workshops sponsored by the American Statistical Association (ASA) through the Center for Statistical Education.
- Promote the ASA National Student Statistical Competitions (e.g., poster and project contests).

**Whom do you contact?** To obtain further information concerning the QL Group's services, please Contact a WSS area coordinator named below:

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The Washington Statistical Society (WSS) is a Chapter of the American Statistical Association. The WSS Quantitative Literacy (QL) Group seeks a working relationship with the nine metropolitan school systems within the Washington Metropolitan Area to promote and foster probability and statistics education in local schools. The Quantitative Literacy materials used by the QL Group's members are in keeping with the guidelines and standards of the National Council of Teachers of Mathematics.



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## QUANTITATIVE LITERACY GROUP

# QL

*WASHINGTON STATISTICAL  
SOCIETY*

*AMERICAN STATISTICAL  
ASSOCIATION*

