
Statistics Literacy

Organizer and Chair: Bovas Abraham (University of Waterloo)

NEVILLE DAVIES, Royal Statistical Society Centre for Statistical Education

The Royal Statistical Society getstats Campaign: Ten years to Statistical Literacy?

The Royal Statistical Society (RSS) 10-year statistical literacy campaign, getstats, aims to help build a society in which our lives and choices are enriched by an understanding of statistics in: - education; - the media; - the wider public; - employers; - elected representatives. I will: - outline activities the RSS plans for each; - report engagement with outside bodies; - describe a citizen's charter for statistics, new ways of teaching statistics and the production of an employee's course in statistical awareness.

ROBERT RODRIGUEZ, President-Elect American Statistical Association

Making the Case for Statistical Literacy: Recent ASA Initiatives

The American Statistical Association is championing statistical literacy at multiple levels. At the K-12 level, the GAISE Report is influencing curriculum standards in several states and has served to improve the statistics content of mathematics standards. The ASA is also developing a voice in statistics education policy by meeting with legislators to promote statistical literacy, and it is educating policy makers about the role of statisticians in areas such as climate change and election auditing. While many activities are carried out by its committees and staff, the ASA is also partnering with other associations and working directly with teachers.

MARY TOWNSEND, Statistics Canada

Statistical Literacy in Youth

In Canada, statistical literacy is promoted not only by academics and ministries of education, but also by Statistics Canada, the national statistical office. Through its award-winning Education Outreach Program, Statistics Canada offers students and teachers support in statistical learning with online resources that include E-STAT, Statistics: Power from Data! and Census at School. Census at School develops critical-thinking skills and an understanding of the statistical enquiry process. Students become 'little statisticians', completing the survey cycle from data collection to analysis and exploring data concepts with analytical software.