

Integrated and Synthetic Data - Part of Future Statistics?

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For many centuries, the study of statistics was primarily about census and demography. When the concept of random sampling was introduced in the mid-1890s, there was confusion and doubt about how a small fraction could properly infer about an entire population and how the field of statistics could survive such a radical challenge. Today we continue the debate of what statistics is and where it is headed because many new challenges have surfaced to seemingly threaten the profession again. Have "integrated data" and "synthetic data" arrived to become part of future study of statistics? Is a 95% incomplete census better or worse than a 5% random sample? These are questions posed to the audience.

Brief Biography

Dr. Jeremy S. Wu joined the Longitudinal Employer-Household Dynamics (LEHD) program as program manager in February 2004.

Prior to joining the Census Bureau, Jeremy served in the U.S. Departments of Agriculture, Energy, and Transportation, most recently as Acting Chief Statistician at the Bureau of Transportation Statistics.

Jeremy has a distinguished career of more than 29 years as an agent of change for the Federal government. He consistently demonstrates his excellence in statistics, total quality management, workforce diversity, information technology, and education, receiving numerous awards and recognition for his contributions.

Jeremy earned his B.A., M.A., and Ph.D. degrees in Mathematical Statistics from the George Washington University (GWU). He has served as an adjunct professor in the Department of Statistics at GWU for 30 years. He is a member of the Committee of 100.

Jeremy was born in Hong Kong and speaks fluently in multiple Chinese dialects. He is married and lives in McLean, Virginia.