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# *Essential Demographic Methods*

**Kenneth W. Wachter**

*“Ken Wachter’s unique and fascinating approach to teaching demographic methods has shaped generations of undergraduates and graduate students at UC Berkeley. Essential Demographic Methods is a major accomplishment and makes his invaluable and original teachings available to a broad audience.”*

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*“I studied with Ken Wachter and became a demographer because of the course he taught with the materials that became this book.”*

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*Essential Demographic Methods* brings to readers the full range of ideas and skills of demographic analysis that lie at the core of social sciences and public health. Classroom tested over many years, filled with fresh data and examples, this approachable text is tailored to the needs of beginners, advanced students, and researchers alike. An award-winning teacher and eminent demographer, Kenneth Wachter uses themes from the individual lifecourse, history, and global change to convey the meaning of concepts such as exponential growth, cohorts and periods, lifetables, population projection, proportional hazards, parity, marity, migration flows, and stable populations. The presentation is carefully paced and accessible to readers with knowledge of high-school algebra. Each chapter contains original problem sets and worked examples.

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**Kenneth W. Wachter** is Professor of Demography and Statistics at the University of California, Berkeley.