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**Workshop: Tutorial on Local Redistricting**

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With the impending release of 2020 Census data, states, counties, and local municipalities will soon embark upon the politically contentious process of establishing or realigning electoral districts. Applied demographers soon will be called upon to craft lawful election districts and plans, to favor or find fault in competing plans, and to offer testimony to inform the court. Our tutorial presentation serves as an introduction to the basics of redistricting. It is aimed at applied demographers conversant with U.S. census data who may be interested in applying their skills to such engagements. Included here are graduate students who may be contemplating a future Masters or Ph.D. dissertation topic related to such applications of 2020 decennial census data.

We first distinguish the separate distinct roles that are involved in local redistricting; the necessary technical skills one needs; the professional standards governing various types of engagements; and personal and professional considerations in any such engagement. Next, we explain the legal standards that govern redistricting and how Census data and associated measures can be used to evaluate and document compliance with those established standards. Lastly, we describe several common types of engagements and illustrate what they demand by way of technical analysis and guidance, public presentations, written reports, and testimony. We draw upon concrete examples to illustrate how standard demographic data and methods can meet specific client needs in both neutral and adversarial contexts.