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Topic (iv): Confidentiality issues for small areas

Disclosure limitation for Census 2000 tabular data

Invited paper

Submitted by the Bureau of the Census, United States¹

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Disclosure Limitation for Census 2000 Tabular Data

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Abstract. This paper describes the statistical disclosure limitation techniques to be used for all U.S. Census 2000 tabular data products. Many of these tables are published for very small geographic areas. The paper includes procedures for short form tables, long form tables, special tabulations, and an online query system for tables. Procedures include data swapping, rounding, collapsing categories, and applying thresholds. Procedures for the short and long form tables are improvements on what was used for the 1990 decennial census. Several procedures we are using for the special tabulations are new and will result in less detail than was published from the 1990 decennial census. Because we did not previously have the online query system for tables, all of those procedures are newly developed.