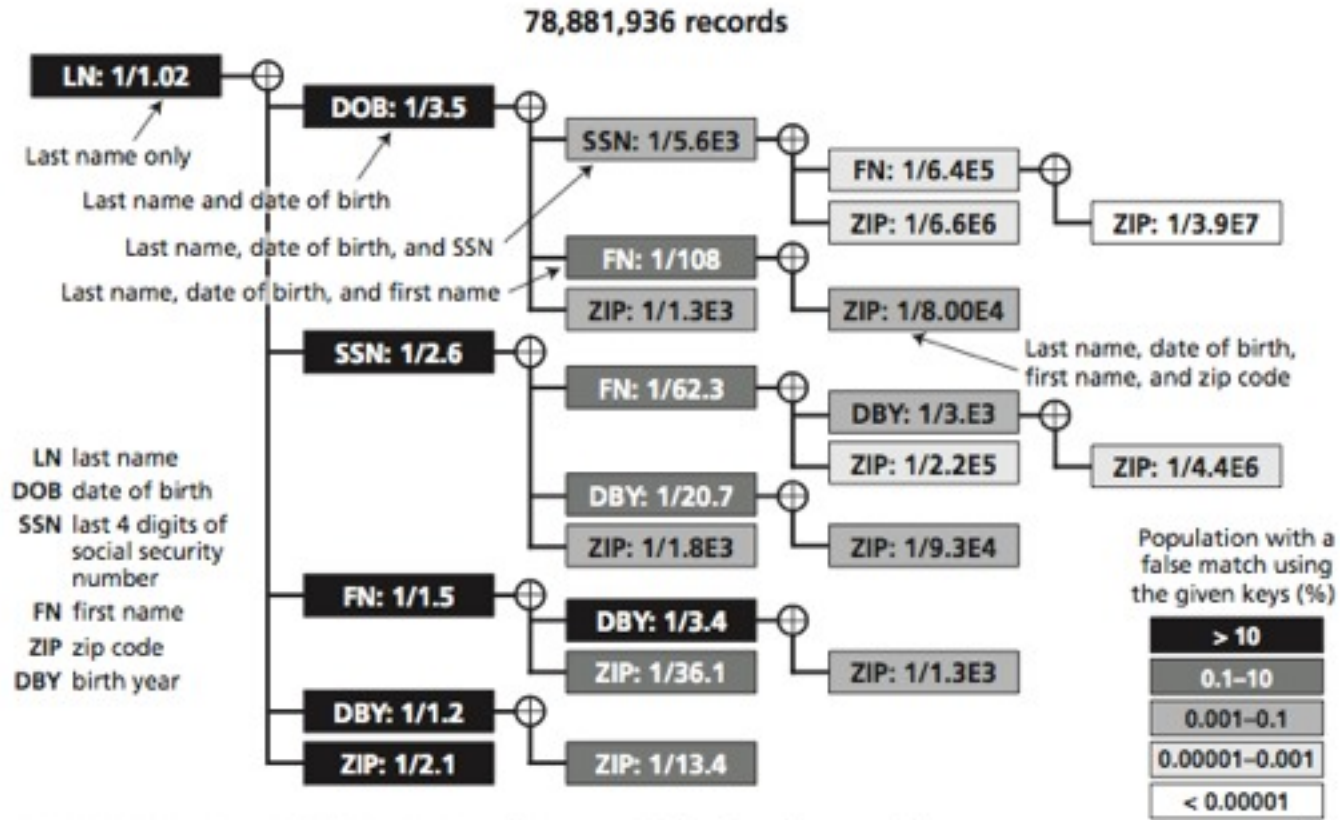


# Patient Identity

## RAND Identity Crisis Report

Figure 3.3  
 Chance of False Matches with Alternative Groups of Personal Attributes as Keys—Large Demographic Database



SOURCE DATA: SSA, Social Security Death Master File (updated quarterly).

NOTE: The numbers in the blocks, such as the 1/1.44 in the leftmost dark block, mean that there is one chance in 1.44 tries of a false-positive match in this database when this type of key (LN, or last name) is used. Moving to the right in the diagram, the next block, "DOB: 1/456" means that there is one chance in 456 tries of a false-positive match when both last name and date of birth are used.

RAND MG753-3.2