

SOUTH CAROLINA LAW ENFORCEMENT DIVISION

NIKKI R. HALEY
Governor



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FORENSIC SERVICES LABORATORY CUSTOMER NOTICE 2015-01 - Revised

REGARDING DNA STATISTICAL DATA July 6, 2015

The SLED Forensic Services Laboratory has been notified of recent amendments made by the FBI to the 1999 and 2001 FBI STR Population Data contained in the following: ERRATUM – Reference: Budowle, B. Moretti, TR, et al. Population data on the thirteen CODIS core short tandem repeat loci in African Americans, US Caucasians, Hispanics, Bahamians, Jamaicans, and Trinidadians. J. Forensic Sci. 1999; 44(6):1277-86. **This updated information does not affect the determination of a match, but may affect the statistic associated with the match.**

In summary, it was found that the population data published in 1999 and 2001 by the FBI contained incorrect allelic frequencies and as a result, the FBI has amended the data. Evaluations performed by both the FBI and the SLED DNA Casework Department have revealed that differences between statistics calculated using the original frequency values and the corrected frequency values are minimal. Statistics generated vary on a case by case basis with some frequencies increasing in rarity, while others decrease.

Reports issued on or after June 5, 2015 will use the most current population database information for statistical calculations. For reports issued prior to June 5, 2015 on pending criminal cases, the DNA Casework Department will recalculate the statistics and issue a supplemental report as needed upon proper request. On all other cases, SLED will exercise discretion and issue a supplemental report with recalculated statistics when deemed necessary. Please direct any questions on this matter to sleddna@sled.sc.gov.



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