

# Guidance for Entering BJA Performance Measures Regarding Number of CODIS Hits

National Sexual Assault Kit Initiative (SAKI) grantees are required to report performance measures on a quarterly basis. Use this document as guidance when reporting measures related to Combined DNA Index System (CODIS) hits.

Question 10 (Figure 1) in the Bureau of Justice Assistance *National Sexual Assault Kit Initiative Performance Measures* report requires grantees to record the number of confirmed CODIS hits determined during the reporting period.

The question is written as follows: Of the total number of DNA profiles uploaded into CODIS during the reporting period, how many of the following confirmed hits were recorded? (If no hits were confirmed, enter “0.” If a sample has hit to multiple cases, enter number of cases that were hit.)

A *confirmed* hit is a verified match that provides a new investigational lead in at least one unsolved case. This distinction is important because this measure is not asking for the total number of matches (i.e., between DNA profiles) made with CODIS. Rather, it is asking for a recording of only those matches made with CODIS—between the uploaded SAKI profile and any offender/arrestee or forensic index profiles—that have been confirmed to provide a *new* investigational lead in an unsolved case.

## Figure 1: Question 10 in the Bureau of Justice Assistance *National Sexual Assault Kit Initiative Performance Measures* Report

10. Of the total number of DNA profiles uploaded into CODIS during the reporting period (identified in question 9B), how many of the following confirmed hits were recorded? (If no hits were confirmed, enter “0.” If a sample has hit to multiple cases, enter number of cases that were hit.)

Type of hit	Number of hits during the reporting period
A. <b>CODIS hits</b> (For the next two questions, make sure the numbers do not exceed the total number of CODIS hits)	
B. <b>Forensic hits:</b> the new profile matches DNA from an unknown forensic sample collected at a crime scene (e.g., the match is to a sample in the forensic index)	
C. <b>Offender/arrestee hits:</b> the new profile matches the DNA of an offender of the arrestee profile already in CODIS (e.g., the match is to a sample in the offender index)	

## Hit Categories

Question 10 then describes three categories for recording confirmed hits; these categories may be best explained in reverse order.

C. **Offender/arrestee hit:** A new profile uploaded during the reporting period that matches the DNA of an offender or arrestee profile in the offender/arrestee index. For recording purposes, the offender/arrestee hit category takes precedence over a forensic hit that may occur in the same search.

B. **Forensic hit:** A new profile uploaded during the reporting period that matches to DNA from an unknown forensic sample in the forensic index.

A. **CODIS hits:** The total number of confirmed hits; this number is found by adding together the hits recorded in part B (forensic hits) and part C (offender/arrestee hits).

## Example Scenario

The following scenario, encountered by a SAKI site, illustrates this performance measure.

SAKI case 1A hits to offender profile John Smith in offender index on May 1, 2019.

SAKI case 1A hits to non-SAKI cases B1, B2, B3, and B4 in the forensic index on May 1, 2019.

SAKI case 1A hits to SAKI case 4A in the forensic index on July 1, 2019.

SAKI case 4A hits to offender profile John Smith in offender index on July 1, 2019.

SAKI case 4A hits to SAKI case 1A and non-SAKI cases B1, B2, B3, and B4 on July 1, 2019.

During the search on May 1, 2019, SAKI case 1A is aided by an association to offender profile John Smith; the forensic index associations from cases B1, B2, B3, and B4 are investigational information, but case 1A is already aided by the connection to a known offender. If the association between 1A and John Smith is confirmed, then this would be recorded as one offender hit.

During the search on July 1, 2019, SAKI case 4A is aided by an association to offender profile John Smith; the forensic index associations from cases 1A and B1, B2, B3, and B4 are investigational information, but case 4A is already aided by the connection to a known offender. If the association between 4A and John Smith is confirmed, this would be recorded as one offender hit.

The confirmed hits occurred during separate reporting periods. Each quarter would contain one CODIS hit, zero forensic hits, and one offender hit. Therefore, question 10 would be reported by designating the May 1, 2019 hit in Quarter 2 and the July 1, 2019 hit in Quarter 3.

Reference:

FBI Laboratory. (2019, May 1). *National DNA Index System (NDIS) Operational Procedures Manual (Version 8)*. Retrieved from FBI.gov: <https://www.fbi.gov/file-repository/ndis-operational-procedures-manual.pdf>