

NYC OCME Local DNA Index System (LDIS) Statistics

Simplified Chart

LDIS Index	Definition	Feb 1 2021
Forensic Samples Indices	Contains DNA profiles originating from and associated with an evidence sample that is found at a crime scene. Samples are from multiple indexes.	51,378
Subject Index	Contains DNA profiles originating from a potential “person of interest” in a case.	33,807
	Number of profiles reviewed for removal from the Subject Index since July 1, 2020.	8,000
	Number of profiles removed or marked for removal from the Subject Index since July 1, 2020. These profiles will no longer have the potential to match to a profile(s) in the Forensic Sample Index.	2,826
	Number of profiles from the Subject Index that have had all paperwork completed and are fully removed from the database.	1,042
	Number of Subject Index profiles compared to forensic samples.	32,765

Detailed Chart

LDIS Index	Definition	Feb 1 2021
Forensic Unknown Index	Contains DNA profiles originating from and associated with an evidence sample that is found at a crime scene. DNA profiles in this index are single source or a fully deduced profile originating from a mixture	28,357
Forensic LDIS Only	Contains DNA profiles from forensic profiles deemed ineligible for SDIS and NDIS.	4,986
Forensic SDIS ¹ Only	Contains DNA profiles from forensic profiles which either have <8 core loci, or have 8 or more loci but do not meet the Moderate Match Estimation threshold of 1×10^7 , but which does meet the Match Estimation threshold for approximately one in the current database size N for SDIS. A minimum of 6 core loci must be present in specimens submitted to this category. This category consists of both partial (single source) and mixed (≥ 2 persons) samples.	1,369
Forensic Mixture	Contains DNA profiles from more than one source. Profiles must contain data for at least 8 autosomal loci which are part of the original CODIS Core Loci and must satisfy a statistical threshold for moderate match estimation threshold of 1×10^7 to be eligible for this category in NDIS ² .	9,727
Forensic Partial	Contains DNA profiles from a single source (or a fully deduced profile originating from a mixture) that do not contain results for all 13-original core CODIS loci and/or that may indicate a possibility of allelic dropout. Profiles must contain data for at least 8 core loci to be eligible for this index.	3,359
Forensic Targeted	Contains DNA profiles that originates from a forensic partial or a forensic mixture that does not meet the NDIS moderate match (MME) estimate threshold of 1 in 10 million, but does meet the match rarity estimate (MRE) threshold of 1 in 10 million if searched at a specified stringency by locus (high or moderate). In addition, samples in this category must have at least 8 of the classic core loci. These profiles are uploaded to SDIS, but not NDIS.	28

¹ SDIS stands for the State DNA Index System which is located at the Forensic Investigative Center in Albany, NY.

² NDIS stands for the National DNA Index System which is located at the FBI laboratory.

Forensic Pattern	A retired index that was used for the same DNA profile discovered at multiple crime scenes. This index is not searched.	2,404
Subject Index	Contains DNA profiles originating from a potential “person of interest” in a case.	33,807
	Number of Subject Index profiles compared to forensic samples.	32,765
Unidentified Human Remains Index	Contains DNA profiles from unidentified human remains found in NYC.	572
Relatives of Missing Persons Index	Contains DNA profiles from relatives of a missing person for comparison to unidentified human remains.	576
Lab Types	Contains DNA profiles from laboratory staff, known contaminant DNA profiles, and other DNA profiles (such as other OCME staff, visitors, and NYPD crime scene and laboratory personnel).	5,653

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