



ANSI/NIST Fingerprint Standard Update Workshop II



Table 5: Finger Impression Type

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Table 5: Finger Impression Type

- One byte field (generally 6th byte of a binary record or field X.003 of an ASCII record) which describes the manner in which the fingerprint information was obtained.

Recommendation primarily provided in September 2005 by:





Table 5 - Finger Impression Type (Legacy Table)



Description	Code
Live-scan plain	0
Live-scan rolled	1
Nonlive-scan plain	2
Nonlive-scan rolled	3
Latent impression	4
Latent tracing	5
Latent photo	6
Latent lift	7



What is IMP used for?

A misconception exists that the Impression Code value is not utilized by anyone other than possibly a latent examiner to determine how a fingerprint was acquired.

The Integrated Automated Fingerprint Identification System (IAFIS) actually utilizes IMP to determine file maintenance decisions and anticipates utilizing IMP for filtering and matching decisions within a fingerprint search.



What's important to know about the FP?



Live-scan vs Nonlive-scan

Plain vs. Rolled

Optical vs. Non-optical

Contact vs. Non-contact



Table 5 - Finger Impression Type (Legacy Table)



Description	Code
Live-scan plain	0
Live-scan rolled	1
Nonlive-scan plain	2
Nonlive-scan rolled	3
Latent impression	4
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Latent photo	6
Latent lift	7



Update Considerations

- **Impression Codes 10-15** have been previously defined for palm prints and must be accounted for in any new impression code numbering scheme.
- **Codes 0-1** are retained as legacy codes with the meaning of live-scan plain and rolled, {contactless or contact}, and {optical or non-optical}.
- **Codes 20 and 21** defined to be limited to Live-scan optical contact plain and rolled.
- **Code 9** was defined for vertical swipe devices to harmonize with M1 finger standards.



Table 18 – Palm Impression type (Legacy Table)



Description	Code
Live-scan plain	10
Nonlive-scan plain	11
Latent palm impression	12
Latent palm tracing	13
Latent palm photo	14
Latent palm lift	15



Table 5 – Finger impression type (Proposed Table)



Description	Code
Live-scan plain	0
Live-scan rolled	1
Nonlive-scan plain	2
Nonlive-scan rolled	3
Latent impression	4
Latent tracing	5
Latent photo	6
Latent lift	7
Live-scan vertical swipe	8
Live-scan optical contact plain	20
Live-scan optical contact rolled	21
Live-scan non-optical contact plain*	22
Live-scan non-optical contact rolled	23
Live-scan optical contactless plain	24
Live-scan optical contactless rolled	25
Live-scan non-optical contactless plain	26
Live-scan non-optical contactless rolled	27
Other	28
Unknown	29



Questions?

