Identifier—type of biometric identifier used, code N[N]

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# Identifier—type of biometric identifier used, code N[N]

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| Identifying and definitional attributes | |
| Metadata item type: | Data Element |
| Short name: | Type of biometric identifier used |
| METEOR identifier: | 529502 |
| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Standard 05/10/2016 |
| Definition: | The type of biometric capture device used to record the unique biological characteristics of an individual in order to identify a person, as represented by a code. |

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| Data element concept attributes | |
| Identifying and definitional attributes | |
| Data element concept: | [Identifier—type of biometric identifier used](https://meteor-uat.aihw.gov.au/content/529498) |
| METEOR identifier: | 529498 |
| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Standard 05/10/2016 |
| Definition: | The type of biometric capture device used to record the unique biological characteristics of an individual in order to identify a person. |
| Object class: | [Identifier](https://meteor-uat.aihw.gov.au/content/466219) |
| Property: | [Type of biometric identifier used](https://meteor-uat.aihw.gov.au/content/529496) |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Reference documents: | Standards Australia 2014. AS 4846:2014 Person and provider identification in healthcare. Sydney: Standards Australia. |

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| Value domain attributes | |
| Identifying and definitional attributes | |
| Value domain: | [Type of biometric identifier code N[N]](https://meteor-uat.aihw.gov.au/content/529500) |
| METEOR identifier: | 529500 |
| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Standard 05/10/2016 |
| Definition: | A code set describing types of biometric identification. |

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| Representational attributes | | |
| Representation class: | Code | |
| Data type: | Number | |
| Format: | N[N] | |
| Maximum character length: | 2 | |
|  | **Value** | **Meaning** |
| Permissible values: | 1 | Fingerprint (rolled) |
|  | 2 | Fingerprint (flat) |
|  | 3 | Facial features identification |
|  | 4 | Voice recognition |
|  | 5 | Iris scanning |
|  | 6 | Retinal scanning |
|  | 7 | Hand geometry |
|  | 8 | Signature dynamics |
|  | 9 | Keystroke dynamics |
|  | 10 | Lip movement |
|  | 11 | Thermal face image |
|  | 12 | Thermal hand image |
|  | 13 | Gait |
|  | 14 | Blood type |
|  | 15 | DNA |
|  | 88 | Other biometric identifier |

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| Collection and usage attributes | |
| Guide for use: | CODE 1  Fingerprint (rolled)  Records the unique skin pattern of a finger or fingers. Created by rolling each individual finger. Rolled fingerprints generally have sufficient ridge details to allow classification in almost all cases. Rolled fingerprints provide a great deal of information allowing for highly accurate searches. This process requires identification of the digit(s) to which the image relates.  CODE 2  Fingerprint (flat)  Also known as plain fingerprints. Records the unique skin pattern of a finger or fingers. These prints are more difficult to classify than rolled fingerprints and often provide a lower quality image than the rolled fingerprint. This process requires identification of the digit(s) to which the image relates.  CODE 3  Facial features identification  Records the shape of the face, determined by distances between the eyes, ears and nose and other facial characteristics.  CODE 4  Voice recognition  Operates by recording a specific set of words and the method by which an individual says those words. It considers both pitch variations and timing.  CODE 5  Iris scanning  Records more than 200 traits of a person’s iris. It functions whether or not the person is wearing glasses or contact lenses.  CODE 6  Retinal scanning  Records the structure of a person’s retina.  CODE 7  Hand geometry  Records the size and shape of the hand and fingers. Hand geometry evaluates a three dimensional image of the four fingers and part of the hand for comparison. This process requires identification of the hand to which the image relates.  CODE 8  Signature dynamics  Records the shape and style of a signature and the speed and pressure used in the creation of the image.  CODE 9  Keystroke dynamics  Records the rhythmic elements of keystroke entry.  CODE 10  Lip movement  Records the movement elements of different parts of the mouth and surrounding structures when specific words or sentences are said.  CODE 11  Thermal face image  Records heat patterns in the face.  CODE 12  Thermal hand image  Records heat patterns in the hand.  CODE 13  Gait  Records a wide range of elements in the body movement when walking or running.  CODE 14  Blood type  Records both the blood type and the Rhesus factor of the blood. This is not a unique identifier but it serves as a suitable additional identifier in health care.  CODE 15  DNA  Records the unique pattern of deoxyribonucleic acid (DNA) for an individual. |

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| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Reference documents: | Standards Australia 2014. AS 4846:2014 Person and provider identification in healthcare. Sydney: Standards Australia. |

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| Data element attributes | |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Reference documents: | Standards Australia 2014. AS 4846:2014 Person and provider identification in healthcare. Sydney: Standards Australia. |
| Relational attributes | |
| Implementation in Data Set Specifications: | [Biometric identifiers cluster](https://meteor-uat.aihw.gov.au/content/529504)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Standard 05/10/2016  ***Conditional obligation:*** The use of this data element is conditional upon a 'yes' response to the data element [Person—biometric identifier used indicator, yes/no code N](https://meteor-uat.aihw.gov.au/content/527290).  ***DSS specific information:*** More than one type of biometric identifier can be recorded. |