Electrocardiogram—change type, code N

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# Electrocardiogram—change type, code N

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| Identifying and definitional attributes | |
| Metadata item type: | Data Element |
| Short name: | Electrocardiogram change type |
| METEOR identifier: | 356856 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | The type of change to the heart rhythm seen on a person's electrocardiogram (ECG), as represented by a code. |

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| Data element concept attributes | |
| Identifying and definitional attributes | |
| Data element concept: | [Electrocardiogram—change type](https://meteor.aihw.gov.au/content/356858) |
| METEOR identifier: | 356858 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | Describes the type of change to the heart rhythm seen on a person's electrocardiogram (ECG). |
| Object class: | [Electrocardiogram](https://meteor.aihw.gov.au/content/359999) |
| Property: | [Electrocardiogram change type](https://meteor.aihw.gov.au/content/285301) |

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| Value domain attributes | |
| Identifying and definitional attributes | |
| Value domain: | [Electrocardiogram change type code N](https://meteor.aihw.gov.au/content/356861) |
| METEOR identifier: | 356861 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008 |
| Definition: | A code set describing the type of change to the heart rhythm seen on the electrocardiogram (ECG). |

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| Representational attributes | | |
| Representation class: | Code | |
| Data type: | Number | |
| Format: | NN | |
| Maximum character length: | 2 | |
|  | **Value** | **Meaning** |
| Permissible values: | 10 | ST-segment-elevation >= 1 mm (0.1 mV) in >= 2 contiguous limb leads |
|  | 11 | ST-segment-elevation >= 2 mm (0.2 mV) in >= 2 contiguous chest leads |
|  | 12 | ST-segment depression >= 0.5 mm (0.05 mV) in >= 2 contiguous leads (includes reciprocal changes) |
|  | 20 | T-wave inversion >= 2 mm (0.1 mV) |
|  | 30 | Significant Q waves |
|  | 40 | Left bundle-branch block (BBB) |
|  | 41 | Right bundle-branch block (BBB) |
|  | 42 | Indeterminate bundle-branch block (BBB) |
|  | 90 | Non specific |
| Supplementary values: | 99 | Not stated/inadequately described |

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| Collection and usage attributes | |
| Guide for use: | ST-segment changes  CODE 10    ST-segment-elevation >= 1 mm (0.1 mV) in >= 2 contiguous limb leads  ST-segment-elevation indicates greater than or equal to 1 mm (0.1 mV) elevation in 2 or more contiguous limb leads.  CODE 11    ST-segment-elevation >= 2 mm (0.2 mV) in >= 2 contiguous chest leads  ST-segment-elevation indicates greater than or equal to 2 mm (0.2 mV) elevation in 2 or more contiguous chest leads.  CODE 12    ST-segment depression >= 0.5 mm (0.05 mV) in >= 2 contiguous leads (includes reciprocal changes)  ST-segment depression of at least 0.5 mm (0.05 mV) in 2 or more contiguous leads (includes reciprocal changes).  T-wave changes  CODE 20     T-wave inversion >= 2 mm (0.2 mV)  T-wave inversion of at least 2 mm (0.2 mV) including inverted T waves that are not indicative of acute MI.  Q wave changes  CODE 30    Significant Q waves  Q waves refer to the presence of Q waves that are greater than or equal to 0.03 seconds in width and greater than or equal to 1 mm (0.1 mV) in depth in at least 2 contiguous leads.  Bundle-branch block changes  CODE 40    Left bundle branch block (BBB)  Diffuse left bundle-branch block pattern.  CODE 41    Right bundle-branch block (BBB)  Diffuse right bundle-branch block pattern.  CODE 42    Indeterminate bundle-branch block (BBB)  Bundle-branch block pattern identified, but left or right location is unclear.  CODE 90    Non-specific  Changes not meeting the above criteria.  CODE 99    Not stated/inadequately described  Includes unknown. |



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| Data element attributes | |
| Collection and usage attributes | |
| Guide for use: | More than one code may be recorded.  Record all that apply (codes 90 and 99 are excluded from multiple coding). |
| Collection methods: | Where codes 40, 41 or 42 are recorded Electrocardiogram - bundle-branch block status, code N must also be recorded. |
| Source and reference attributes | |
| Submitting organisation: | Acute coronary syndrome data working group |
| Relational attributes | |
| Related metadata references: | Supersedes [Person—electrocardiogram change type, code N](https://meteor.aihw.gov.au/content/285307)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 01/10/2008 |
| Implementation in Data Set Specifications: | [Electrocardiogram cluster](https://meteor.aihw.gov.au/content/351884)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 01/10/2008  ***DSS specific information:*** To be provided each time an ECG is performed. |