# Health Outcomes

Data Dictionary

It is important to capture both the state of the environment, as well as the state of human health when piecing together an environmental health platform. While health outcome data isn’t specifically used as a parameter in the creation of vulnerability indices, they are used in the creation methodology. See the Methods Report (hosted at <https://frontiersi.com.au/ausenhealth-digital-twin/>) for more information. In addition to their use in vulnerability index methodology, a number of health outcome parameters are displayed in the platform. This document defines the parameters used in index methods and shown in the platform.

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| **Parameter** | **Description and Derivation** |
| CHD | Coronary heart disease mortality (age-standardised rate per 100,000). |
|  | This parameter is shared directly from the Mortality Over Regions and Time (MORT) Books dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| Cereb | Cerebrovascular disease mortality (age-standardised rate per 100,000). |
|  | This parameter is shared directly from the Mortality Over Regions and Time (MORT) Books dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| COPD | Chronic obstructive pulmonary disease (COPD) mortality (age-standardised rate per 100,000). |
|  | This parameter is shared directly from the Mortality Over Regions and Time (MORT) Books dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| Heart | Heart failure and complications and ill-defined heart disease mortality (age-standardised rate per 100,000). |
|  | This parameter is shared directly from the Mortality Over Regions and Time (MORT) Books dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| CA | Cardiac arrhythmia mortality (age-standardised rate per 100,000). |
|  | This parameter is shared directly from the Mortality Over Regions and Time (MORT) Books dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| AC | All-cause mortality (age-standardised rate per 100,000). |
|  | This parameter is shared directly from the Mortality Over Regions and Time (MORT) Books dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| asrRESP | Emergency department presentations due to diseases of the respiratory system (age-standardised rate per 100,000). |
|  | This parameter is shared from the Australian bushfires 2019-20: exploring the short-term health impacts report’s supplementary dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| asrAST | Emergency department presentations due to asthma (age-standardised rate per 100,000). |
|  | This parameter is shared from the Australian bushfires 2019-20: exploring the short-term health impacts report’s supplementary dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| asrCVD | Emergency department presentations due to cardiovascular diseases (age-standardised rate per 100,000). |
|  | This parameter is shared from the Australian bushfires 2019-20: exploring the short-term health impacts report’s supplementary dataset, released by the Australian Institute of Health and Welfare (AIHW). |
| nDeaths | Number of doctor certified deaths. |
|  | This parameter is shared from the Australian bushfires 2019-20: exploring the short-term health impacts report’s supplementary dataset, released by the Australian Institute of Health and Welfare (AIHW). |