



WA Data Linkage Branch

Emergency Department Data Collection: linkage quality statement

Overview

The WA Data Linkage Branch (DLB) receives data for linkage from a wide variety of data collections. The quality of DLB's linkages is dependent on the quality and completeness of the data received. DLB's Data Quality Statements provide information about linkage quality, as well as the data attributes affecting that quality.

DLB started routinely linking Emergency Department Data Collections (EDDC) data in 2003. The EDDC data set is updated and linked both weekly (for selected presentations) and monthly. As a core data set, EDDC data is routinely linked to other data sets. This means that EDDC data is continuously subject to standard linkage quality checks.

Emergency Department Data Collections

Linkage quality metrics:

| | |
|--|------------------------------|
| Arrival date range | January 2000 – previous week |
| Total number of unique records | 15,469,355 |
| Total linkage proportion | 98.7% |
| Linkage proportion of records with reasonable demographic information* | 98.7% |

* For the purpose of linkage, “reasonable demographic information” means complete demographic fields of given names, surnames, date of birth, and address.

Factors affecting linkage and/or use of data:

- Nil.
- Linkage rate for EDDC data is good, likely due to the routine linkage to other datasets, regular data updates, high data quality and feedback processes (both weekly and monthly).

Contact

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