



Aggregated Emissions Data (AED)

What is meant by AED?

AED is an estimation of all non-facility emissions within airshed and water catchment study areas. AED studies examine sources other than reporting facilities (that estimate and report their own emission estimates). Sources include:

- Sub-threshold facilities (operations that do not estimate and report themselves).
- Non-industry (e.g. lawn mowers, cigarettes) and transport sources (e.g. vehicles).

How many AED study areas are there and how were they selected?

There are 32 airsheds and 29 water catchments throughout Australia and they include urban and rural locations. The size and location of AED study areas is determined in line with stakeholder priorities. AED study areas do not cover the whole country and their sizes differ depending on the reasons that they were selected.

Why is AED included in the NPI?

AED provides a more comprehensive picture of pollution across Australia and provides context for facility emissions.

How do State and Territory Environment Agencies calculate aggregated emissions?

AED handbooks are available on the web to assist in identifying the best way of estimating these emissions: (www.npi.gov.au/handbooks/aedmanuals/index.html).

How can I be sure that AED is accurate?

The state and territory environment protection agencies used the best available methodology to calculate the AED including the AED handbooks as they became available. The NPI monitors the data and works closely with the environment agencies to improve accuracy and consistency.

How often is aggregated emissions data updated?

AED studies are not updated annually, but are expected to be revisited every three to five years. A great deal of planning, effort and expense goes into AED studies and it is not practical or necessary to update the data more frequently.

Can meaningful comparisons be made of current (AED) from different jurisdictions?

Currently, care is needed in comparing AED between airsheds and between water catchments. Data collection is at an early stage and some consistency issues are being addressed.

Download the Fact Sheet

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- Download [Aggregated Emissions Data \(AED\)](#) (aed-fs.pdf 140 KB)

