

R help documentation on the USairpollution data within the HSAUR3 library of R. Can be obtained from R by typing the command `help(USairpollution)`.

USairpollution {HSAUR3}

R Documentation

Air Pollution in US Cities

Description

Air pollution data of 41 US cities.

Usage

```
data("USairpollution")
```

Format

A data frame with 41 observations on the following 7 variables.

`SO2`

SO2 content of air in micrograms per cubic metre.

`temp`

average annual temperature in Fahrenheit.

`manu`

number of manufacturing enterprises employing 20 or more workers.

`popul`

population size (1970 census); in thousands.

`wind`

average annual wind speed in miles per hour.

`precip`

average annual precipitation in inches.

`predays`

average number of days with precipitation per year.

Details

The annual mean concentration of sulphur dioxide, in micrograms per cubic metre, is a measure of the air pollution of the city. The question of interest here is what aspects of climate and human ecology as measured by the other six variables in the data determine pollution?

Source

R. R. Sokal and F. J. Rohlf (1981), *Biometry*, W. H. Freeman, San Francisco (2nd edition).

Examples

```
data("USairpollution", package = "HSAUR3")
```