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```

    graph TD
      EF[Environmental Factors  
Natural, built, social] --> E[Exposure]
      EF --> V[Vulnerability]
      IBF[Individual Behavioural Factors  
E.g. lifestyle, work, education, income] --> E
      IBF --> V
      PF[Predisposing Factors  
E.g. genetics, age, sex, ethnicity] --> E
      PF --> V
      E <--> V
      E --> Effect[Effect]
      V --> Effect
  
```

Effect
Health event data describe health events such as diagnoses, treatment, prescriptions, deaths. They are typically generated by the health care system or by social surveys.

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Vulnerability and Links Leading to Vulnerability
In common with exposure data, this will often require some form of statistical modelling in order to assess the influences on the study population leading to their present vulnerability. It combines elements of their demographic predisposition with past experience

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Predisposing Factors
Data on predisposing factors are those that describe the principal personal and demographic characteristics of the study population. These include variables such as age, sex and ethnicity. They are obtainable from population censuses and administrative sources such as population registers.

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Links between Behavioural and Predisposing Factors
All individuals experience a range of risk factors which operate uniquely at the individual level. There are many references to the conceptualisation of these factors and the relationships between them. Some predisposing factors (such as ethnicity) may limit an individual's behaviour (such as education) in some societies, while having little or no effect in others.

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Behavioural Factors
Data on behavioural factors describe the behaviours of the study population. These include lifestyle choices such as smoking and drinking, and socio-economic circumstances such as education and employment. Lifestyle data are generally harder to obtain than socio-economic, the former often being generated from surveys and the latter more commonly from censuses

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Environmental Factors
Geographical data about the physical environment cover a very wide range of conditions and are produced by multiple data suppliers. They may include aspects of the natural environment such as geology, the built environment such as industrial emissions and the social environment such as multiple social deprivation.

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Exposure and links leading to Exposure
Exposure data seeks to capture the actual exposure of the study population to environmental and behavioural factors. This will often require a temporal dimension and is much harder to obtain than information about these factors themselves.

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