

**Conservation 1404 - Economics of Pollution**  
**Supplement 22 and pages 574 - 577, and**  
***“The Least You Should Know”***

**Vocabulary:**

Median Lethal Dose  
LD50  
Dose-response curve  
Extrapolation  
Interpolation  
Hormesis  
Discount rate  
Cost-benefit analysis = CBA  
Gross Domestic Product = GDP  
Per capita product = GDP  
Genuine Progress Indicator

**Concepts:**

Know the five most toxic substances, according to LD50 and EPA  
Know how a dose-response curve is developed, and what its  
    Limitations are.  
Non-threshold vs threshold dose response models  
How epidemiological studies are performed, e.g. flue vaccine side effects.  
    Four limitations to epidemiological studies.

Methods of estimating values ecological areas  
    Nonuse values, incl aesthetic, bequest and mitigation.  
How discount rates are calculated and used.  
How optimum levels for pollution control and calculated.  
How supply-and-demand curves are read.