

Why Learn about Adverse Drug Reactions (ADR)?

- Over 2 MILLION serious ADRs yearly
- 100,000 DEATHS yearly
- ADRs 4th leading cause of death ahead of pulmonary disease, diabetes, AIDS, pneumonia, accidents and automobile deaths
- Ambulatory patients ADR rate—unknown
- Nursing home patients ADR rate—350,000 yearly

Institute of Medicine, National Academy Press, 2000
Lazarou J et al. *JAMA* 1998;279(15):1200–1205
Gurwitz JH et al. *Am J Med* 2000;109(2):87–94

According to the FDA, Adverse Drug Reactions (ADRs) are the 4th leading cause of DEATH in the United States each year. An adverse drug reaction (ADR) is an unwanted or harmful reaction experienced following the administration of a drug or combination of drugs under normal conditions of use and is suspected to be related to the drug.