

Determination Of Mortality Causes In East Azerbaijan In 2007

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ABSTRACT

Background and Objectives: Reliable information about mortality causes are necessary for planning in prevention and control of diseases and injuries. Estimation methods of mortality are different in different countries based on data sources and quality assessment methods. This study was designed to Determine the causes of death in East-Azerbaijan province.

Materials and methods: A cross sectional study was conducted through population data from 2006 demographic census and mortality data from 2007. Mortality data were obtained from death registry system of east Azerbaijan. Data were presented with cumulative incidence, Age Standardized Mortality Rate (ASMR) and specific death causes in separate age groups, residency place of deceased persons and gender of them.

Results: ASMR in both sexes were 6.2 per thousand. 81 percent of deaths were due to Non communicable diseases, 11 percent to injuries, 7 percent to peri-natal conditions and 1 percent to communicable diseases. Ischemic heart diseases in 43.7 percent, cerebrovascular accidents in 11.7 percent, hypertension related conditions in 7.55 percent, accidents in 7 percent, diabetes in 3.5 percent and asthma in 1.93 percent of deaths were the cause of mortality.

Conclusion: Non communicable diseases especially cardiovascular disorders are the main challenge of health system. Some causes of death like injuries, diabetes and hypertension are preventable with appropriate life style, remarkably.

Key Words: mortality, cumulative incidence rate, death causal analysis

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