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GEOG 3540  
Final Poster Proposal  
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Title: World Distribution of Cause of Death, 2015 – 2016  
Sub-Title: Communicable versus Non-Communicable Disease

Data Source: World Development Index (WDI) and Health Nutrition and Population Statistics (HNPS), The World Bank  
Accessed via the DataBank query tool at <https://datacatalog.worldbank.org/dataset/world-development-indicators>

Variables: Cause of death, by communicable disease and maternal, prenatal and nutrition conditions (% of total)  
Cause of death, by non-communicable diseases (% of total)  
*[Supplement]* Mortality from CVD, diabetes, or CRD between exact ages 30 and 70 (%)

Abstract: Cause of death varies across the world according to a variety of factors. Indicators of communicable versus non-communicable disease will be used to compare the spatial distribution of these types of cause of death by nation. The World Bank's most recent World Development Index (WDI) and Health Nutrition and Population Statistics (HNPS) for cause of death by (a) communicable disease and maternal, prenatal and nutrition conditions (% of total) and (b) by non-communicable diseases (% of total) was complete only as recently as 2015-2016. The average of each indicator will be calculated for each nation between 2015-2016 using Excel. Two maps will be produced, one depicting each variable's percent of total at equal interval visualization.

In interpreting the maps, background research will be discussed on epidemiologic transitions, national income level, and demographic (especially age) make up of particular parts of the world. A table will be provided on alternate categorizations for future analysis of communicable versus non-communicable cause of death distribution based on the DataBank's already defined analytical categories for region, financial status (higher, medium, or lower income; Heavily Indebted poor countries (HIPC), etc.), fragile and conflict affected situations, and age/demography (pre- and post-demographic dividend), among others.

If space allows, a supplementary inset or third full-size map may be produced on the variable 'Mortality from CVD, diabetes, or CRD between exact ages 30 and 70 (%)' to underscore potentially different patterns of distribution between communicable and non-communicable disease as cause of death when focused on such specific chronic conditions.