

Conceptual Design Meeting Notes

Focus - The Growth of HIV Infection

What are the “key indicators” (Facts/Measures)?

- HIV infected population
- HIV infected rate
- Total number of active HIV cases
- Total number of HIV death cases

What to track (Dimensions & attributes)?

Over time, in individual countries, regions and continents

- Population
- Country/Region
- Gender
- Religion
- Living Environment Condition
- Food Security
- Migration
- Public Health Infrastructure Quality
- Education
- Advertising placement for HIV prevention
- Crime Rate

External sources needed:

- Environmental events
- Geopolitical events
- Financial/Economical events

Questions

- How to determine the causes and effects of the major occurrences, incidents, experiences and events?
 - Brainstorm
 - Research - newspapers or any social media may report them

- What key indicators do we need to store to obtain a clear picture of trends in countries, regions, and continents?
 - Active HIV cases
 - Death HIV cases
 - Infected population
 -
- What were the impacts of specific **environmental incidents** (e.g., earthquakes or droughts) on key indicators (such as the number of births)?
 - Earthquakes -> food shortage -> population decrease (birthrate decrease)
 - -> Active HIV cases increase (Due to medical shortage) -> Death HIV cases increase -> Infected population increase
- How (and when) did **geopolitical events** (e.g., peace agreements or social unrest), affect key indicators (such as the number of births)?
 - Level of unemployment increase -> Personal income decrease -> Can't afford medical support -> Death HIV cases increase
 - -> Economic Recession -> Environment condition worse -> infected population increase