APHA 2014: Session 4024.
Health in All Policies (HiAP) Public Health Approaches
Tuesday Nov 18: 8:30 am - 10:30 am

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Presenter Disclosure

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The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 month:

“No relationships to disclose”


Maiji in China

Deserts expanding in China

Tso and Yu, P-2
APHA 2014
Health in All Policies: Gansu Case Study

- **Goal 1**: monitor health & well-being in rural communities
- **Goal 2**: identify target diseases & causes of death (policy changes)
- **Comprehensive Grade Index, (GI)**
- Combined weighted data from 3 prevalent indices:
  1. Infectious Diseases Monitoring System
  2. Causes of Death Monitoring System
  3. New-Rural Cooperative Medical System
- Assessed GI against each of single evaluation index

Multiple Evaluations of Indices (1)

**Single-measure evaluations:**
- Incidence of Infection [A], Mortality Rate [B], & Hospital Admission Rate [C]

**Complex-measure evaluations:**
- Life expectancy [D]
- Index of life lost [E]
- Potential years of life lost (YPLL) [F]
- Cause eliminated life expectancy (CELE) [G]
- Potential value years of life lost (VYPLL) [H]
- Potential family years of life lost (FYPLL) [I]
- Per capita medical expenses [J]
Multiple Evaluations of Indices (2)

Defining Diseases & Causes of Death

• Infectious diseases: viral hepatitis, tuberculosis, influenza, bacterial dysentery, and infectious diarrhea
• Mortality index: cerebrovascular disease, ischemic heart disease, high blood pressure, emphysema, and stomach cancer
• YPLL index: traffic accident, cerebrovascular disease, ischemic heart disease, suicide, and high blood pressure
• CELE index: cerebrovascular disease, ischemic heart disease, high blood pressure, traffic accident, and stomach cancer
• Index of life lost: birth asphyxia, premature birth, hemorrhagic disease of newborn, congenital pneumonia, and neonatal respiratory distress
• FYPLL: traffic accident, suicide, cerebrovascular disease, ischemic heart disease, and high blood pressure

Meeting Goals -- Targets for Policy:

To improve community well-being, policies should reduce --

• Traffic accidents
• Cerebral vascular disease
• Ischemic heart disease
• Hypertension
• Stomach cancer