Using the World Health Mapper to Improve International Medical Education

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October, 2019

HealthLandscape.org

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Our Story

• Drawing on the same model that the Health Center Program was built on, Community Oriented Primary Care, we had a desire to harness the power of Geographic Information Systems to be able to look at patients and the populations they are a part of to help users evaluate need in a community

• Our first tools, launched in 2007, allowed users to compare patient data to a large (and still growing) data library of contextual population health and social determinants of health at a variety of geographic levels
What we do

HealthLandscape.org

- Geospatial Analysis
- Web GIS Application Design
- Statistical Analysis
- Community Research
The Importance of Place: Lessons Learned

• Our early success taught us important lessons
  – One size fits all does not work for most users
  – Build around a use case
  – User support and training is vital to the success of any tool
  – Tools must be regularly updated in terms of functionality and data
  – Push research forward alongside development

• We’ve gone on to launch many tools with more than 30,000 users
Our Story: An Expanding Portfolio

- HealthLandscape
  - Health Center Mapping Tool
- UDS Mapper
- Med School Mapper
- Residency Footprinter
- HealthLandscape Australia
- North Carolina Community Data Portal
- GE Aviation

- AMA Health Workforce Mapper
- Arizona First Things First
- Child Health and Education Mapping Tool
- Population Health Profiler
- Rural Health Explorer
- Community Vital Signs
- HealthLandscape Virginia
- Our Kids Network, Halton CA
Today’s Agenda

• Accessing the World Health Mapper
• Use Stories
  – Where to Go for Global Maternal/Child Health Fellowship?
  – Learning About a Country Before You Go
  – What is Family Medicine Presence in Country?
• Live Demonstration
  – International Health Equity
• What’s Next for the World Health Mapper?
  – Your Feedback and Direction
Finding the World Health Mapper

- https://www.healthlandscape.org/worldhealth
- https://www.healthlandscape.org/quick-start-guides.cfm
Data Quality and Sources

• The World Bank
WHERE TO GO FOR GLOBAL MATERNAL/CHILD HEALTH FELLOWSHIP?
Global Health Fellowship: Maternal/Child Health

Opportunities in Honduras, Nicaragua, and Kenya
Exploring Global Health on Particular Topic of Interest: Maternal/Infant Health
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Using the World Health Mapper

LEARNING ABOUT A COUNTRY BEFORE YOU GO
Exploring Demographics & Other Characteristics of Kenya: Rural
Exploring Demographics & Other Characteristics of Kenya: Migrants/Refugees
Exploring Demographics & Other Characteristics of Kenya: Child Health
Exploring Demographics & Other Characteristics of Kenya: Infectious Disease
Exploring Demographics & Other Characteristics of Kenya: Infectious Disease
WHAT IS FAMILY MEDICINE PRESENCE IN COUNTRY?

Using the World Health Mapper
Family Medicine Presence: Kenya
Family Medicine Presence: Kenya
Family Medicine Presence: Kenya
Using the World Health Mapper – Exploring International Health Equity

LIVE DEMONSTRATION
Participant Feed Back

WHERE TO TAKE THIS
More HealthLandscape Tools you can take advantage of:

WHAT ELSE?
Rural Health Explorer

HealthLandscape.org/RuralHealthExplorer/
Population Health Explorer

AMAMapper.HealthLandscape.org/
HealthLandscape Virginia
Welcome to HealthLandscape™ and the Community Vital Signs™ application suite

- CVS Population Health Profiler - Service area and social determinants of health mapping
- 500 Cities Mapper - Small area health estimates for the largest 500 cities in the United States
- Population Health Mapper - Mapping the RWJ County Health Rankings data
- Map My Data - Upload your own data to add to the map

CONTINUE
Welcome to the HealthLandscape™ and the Community Vital Signs™

Population Health Profiler

Getting Started  How to Use  About Community Vital Signs™ and Population Health

1. Upload your file of ZIP codes and patient counts.
2. Select a community measure for your map.
3. Adjust your core service area with the slider.
4. Click “Population Health Profile” to create report.

Note: Your data file needs to be in this format to properly upload. Click image for sample file.

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CONTINUE
Thank you

Contact us for more information on geospatial analysis or custom application development.

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