



NCD Integrated Management Monitor: Improving NCD surveillance in the Americas

Ramon Martinez
Technical Advisor in Health Metrics
Noncommunicable Diseases & Mental Health (NMH)

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- Improving NCD surveillance and monitoring
- NCD Integrated Management Monitor
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Improving NCD Surveillance and monitoring

Data collection

- Supporting countries to improve NCDs and Risk Factors Studies
- Application of innovative technologies, data quality procedures
- Implementation of new technology for data integration, data use, generation of information, and dissemination/communication of information

Analysis

- Adoption and integration of visual analytics with statistical/epidemiological methods
- Data and Information dissemination
 - o Interactive data and information visualization on the Web





Visual Analytic and Visualization Platform for NCD Surveillance and monitoring

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Web-based apps / services for data dissemination

Monitoring Tracking Injury Health system Visualization portal

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Data exploration & visual analytic

Visual analytic tools and methods. Data computation, visualization, sharing and collaboration

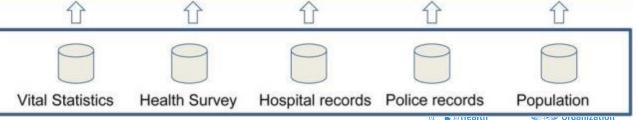
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Data storage & managements

Database Management System: Data repository with data (internal and external) ready for analysis and visualizations

Data preparation and integration Data cleansing, transformation, processing, preparation and integration processes (workflows & scheduling)

Source systems / Data sources





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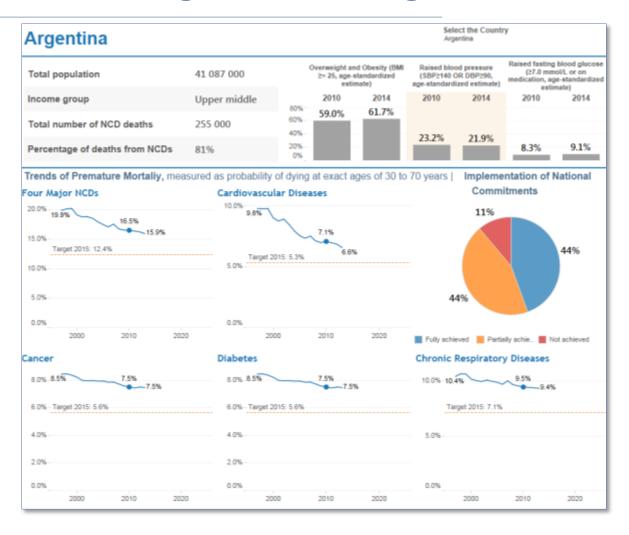
NCD Integrated Management and Monitor

- Use of **key indicators** from **multiple data sources** (demographics, mortality, population-based surveys, country capacity survey, lesson learned and best practices).
- Interactive, comprehensive, and visually appealing information product on the Web.
- Easy to use, understand, extract insight, and communicate





NCD Integrated Management Monitor



Tool for monitoring NCD Integrated Management at country level

Components

- Demographic data
- NCD deaths
- NCD premature mortality trends
- Risk factors(Hypertension, Diabetes,Overweight/Obesity)
- National capacity response to NCD epidemic
- Commitment Implementation
- Best practices & lesson learned





Data & Information Dissemination

NMH Data Portal:

A unique entry point to NMH data & information products



