North Carolina Health Information Portal

Esri International Users Conference
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July 11, 2013
The Robert Graham Center

- The American Academy of Family Physician’s Center for Policy Research
  - Editorial Independence
  - Primary Care Workforce and Maldistribution Studies
  - Cost of Practice Transformation
  - State level analysis for assessing health care shortages
  - Emphasis on geography and GIS.
  - Conduct analysis for a variety of online mapping and data display tools built by HealthLandscape L.L.C.
    - UDS Mapper
    - Residency Footprinting Mapper
    - Primary Care Physician Mapper
    - And Many More…
Purpose

- To be a catalyst and stimulate informed conversation and choices about health and healthcare for the communities in North Carolina.

- To provide a platform for Community Care of North Carolina’s Networks, public health organizations, practices and physicians to assist in the improvement of health care delivery, outcomes and costs.
Data Sources

- US Census Bureau 2010
  - American Community Survey 2007-2011
- Robert Wood Johnson Foundation
  - Roadmap Indicators
- Healthy People 2020
- Health North Carolina 2020
- Centers for Disease Control
  - Behavioral Risk Factor Surveillance System
Data Sources Continued

- State Medicaid and Medicare Data
  - From all network enrolled practices
  - Aggregated to the County, Hospital Referral Regions, and practice level
  - Key Performance and Quality Indicators
  - Cost and Utilization Data
Geographic Variation in Medicaid Costs
Average Monthly Medicaid Costs by County
## Average Monthly Medicaid Costs by County

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Chart
Average Monthly Medicaid Costs by County

HealthLandscape
Percent Obesity and Preponderance of Fast Food Restaurants
Percent Obesity and Preponderance of Fast Food Restaurants – Threshold
Percent Obesity and Preponderance of Fast Food Restaurants – Comparison
Training Program is Key

- Users need guidance on operating these complex mapping tools and an understanding of how to interpret the data.

- In-Person Trainings
- Webinars
- Online Training and Support Materials
Welcome to the North Carolina Community Health Information Portal

For an introduction to the NC-CHIP site, including how to use the NC-CHIP interface, please explore the resources listed on this page.

Guide to the tool buttons:
- Community Characteristics: General demographic and economic information for North Carolina by county
- Community Health Assessment: Healthy People 2020 and Health NC 2020, and RWJF County Health Rankings
- Medicare/Medicaid Population Profile: Medicare and Medicaid demographics and disease burden
- Health System Performance: Medicare/Medicaid costs and utilization by hospital referral region
- Health System Performance: Medicare/Medicaid cost and utilization by county and key performance indicators by county and practice
- CCHP Quality Improvement: CCHP quality measurement and feedback by county and practice

Other useful documents:
- The NC-CHIP Quick Start Guide provides a brief introduction to the NC-CHIP tool. It walks the user through generating maps, doing comparisons and exporting and printing maps.
- The Frequently Asked Questions provides a list of questions and answers to help users understand the portal's functionality.
- The Glossary and Acronym Guide provides definitions for the terminology and acronyms used in the portal.
- The NC-CHIP List of All Indicators provides a categorized list of every indicator currently displayed in the portal with sources, years and URLs to use for additional information.
- The User's Guide provides detailed definitions of how the Quality Measurement and Feedback measures are calculated.

This portal is a work-in-progress, and we appreciate any questions, comments or feedback you have about the functionality, ease of use and included indicators. If you have specific questions or feedback, please email nc-chp@nclon.org.

If you would like to learn more about accessing the portal and using the available data, please join us for an upcoming webinar which will provide a walk-through of the website and give users experience in creating useful and meaningful maps.

The next upcoming webinar: TBD.

About the data
Conclusions

- The North Carolina Health Information Portal has allowed users to visualize data in ways that they have never been able to do before.
- It helps networks see where there are wide variations in quality measures to help identifying potential areas of additional resources.
- Makes the data more compelling and facilitates discussions that can help lead to healthier communities across the state of North Carolina.
Future Work

- Phase III is underway and brings more streamlined updating of the data.
- Cascading geographies with filtering options based upon age, race, gender.
- Improved training and dissemination
- Additional functionality
Thank you!

North Carolina Health Information Portal
https://www.communitycarenc.org/nc-hip/

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