

# Community Health Index

A Measurement Of Health Care Needs  
Of New Jersey Communities



## The New Jersey Community Health Index

Reasonably priced tool supporting regulatory compliance for Community Benefit reporting.

Pinpoints disease priorities for individual communities.

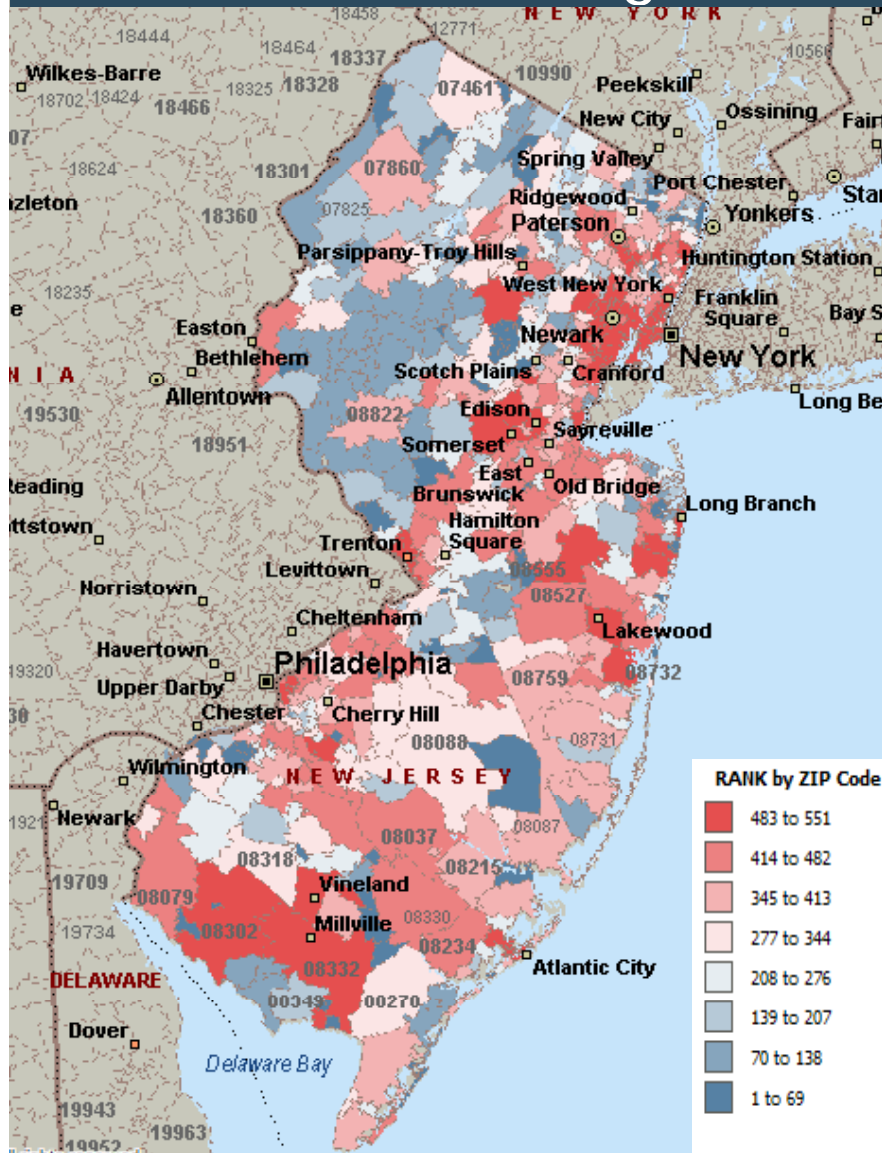
Identifies populations that might benefit from a medical home.

Provides insight for prioritizing growth initiatives based on community needs.

Highlights health promotion and prevention efforts in specific communities.

Targets costly utilization or over utilization patterns to remediate

# CHI Ranking



Sample Data Only

## New Jersey Community Health Index (CHI): Overview

*The CHI is a single statistical representation of the health care needs of each New Jersey community.*

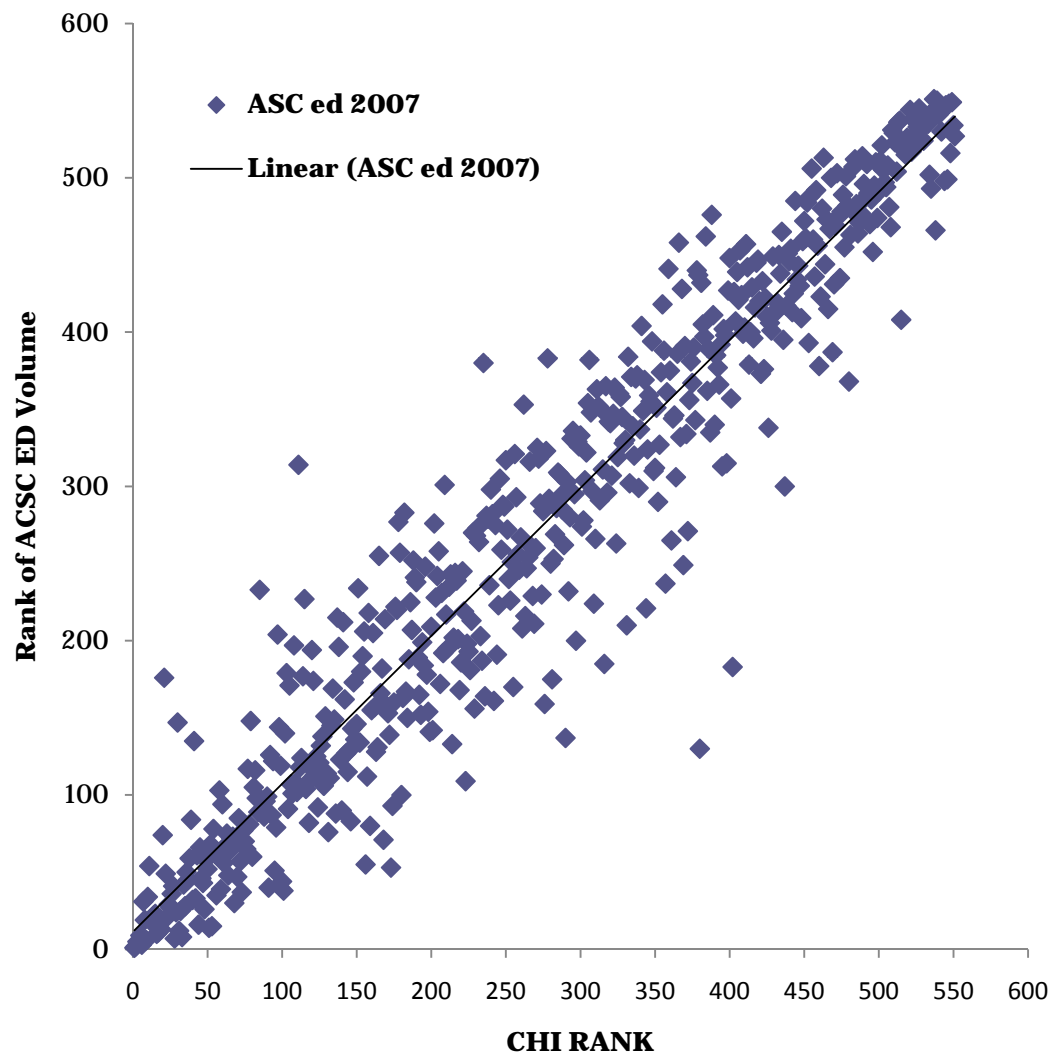
The CHI isolates 10 socio-economic indicators - each with a known association to health care needs - into a single number. The ten indicators are:

- Children in poverty
- Elderly in poverty
- Single parent households in poverty
- Non-white population
- Linguistic isolation
- Unemployed population
- Population with less than 9<sup>th</sup> grade education
- Rental population
- Charity/Self Pay hospital discharges
- Medicaid discharges

The CHI represents each zip code's needs relative to other New Jersey zip code and the State.

The index ranges from -4.48 (zip codes with the least need) to 2.74 (most need).

## ACSC ED Visit Correlation to CHI: Statewide 2007



## Snapshot & Drill Down Capabilities

The CHI is highly correlated to:

- Ambulatory Care Sensitive Conditions (ACSC) found among Inpatients and ED visits
- The number of ED visits and inpatient discharges
- Mortality

The correlation to these 5 indicators ranged from 0.72 to 0.81.

## CHI Ranking Utilization Maps

- The CHI maps make comparisons easy.
- Supporting CHI maps and data provide rankings of both community health need and utilization within a given zip code or service area.



## NSI's Community Health Index Report Package

### Summary Maps comparing CHI ranking to rankings for:

- Emergency Department ambulatory care sensitive conditions
- Inpatient ambulatory care sensitive conditions
- Mortality
- Self Pay/Charity Care/Underinsured discharges
- Emergency Room discharges
- Inpatient discharges

### Summary Reports:

- Top 5 ACSCs by ED volume and by zip code
- Top 5 Inpatient ACSCs by Inpatient volume and zip code
- Top 5 Causes of Death by volume and zip code
- Top 5 Case Types by Self Pay/Charity Care/Underinsured patient volume and zip code
- Top 5 ED visits by case type, patient volume and zip code
- Top 5 Inpatient discharges by case type, patient volume and zip code



# Community Health Index Analysis

## CHI Targeted Strategies

The CHI Report Package includes an analysis that outlines:

- Utilization/overutilization trends (ACSC readmissions) and strategies to remediate as necessary
- Health status of residents in high need areas supporting targeted service development
- Disease priorities for service areas communities
- Evidenced based strategies to ensure appropriate use of limited resources
- Communities with limited access to primary health care resources impacting health outcomes and cost of care

For all significant findings, NSI's consultants provide successful strategies to improve the health of the community.



## NSI Community Benefit Consulting Services

**As New Jersey's leading health care strategy consulting firm, NSI consultants can help your organization integrate community benefit needs assessment with financial and operational planning.**

In addition to the CHI, our community benefit services include:

- Community Health Status Evaluation and Service Inventories
- Community Needs Assessments
- Community Surveys
- Focus Groups
- Internal and Community Key Informant Interviews
- Community Benefit Strategy with System Leadership and Community Advisory Boards
- Community Benefit Communication Plans



For more information on  
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