

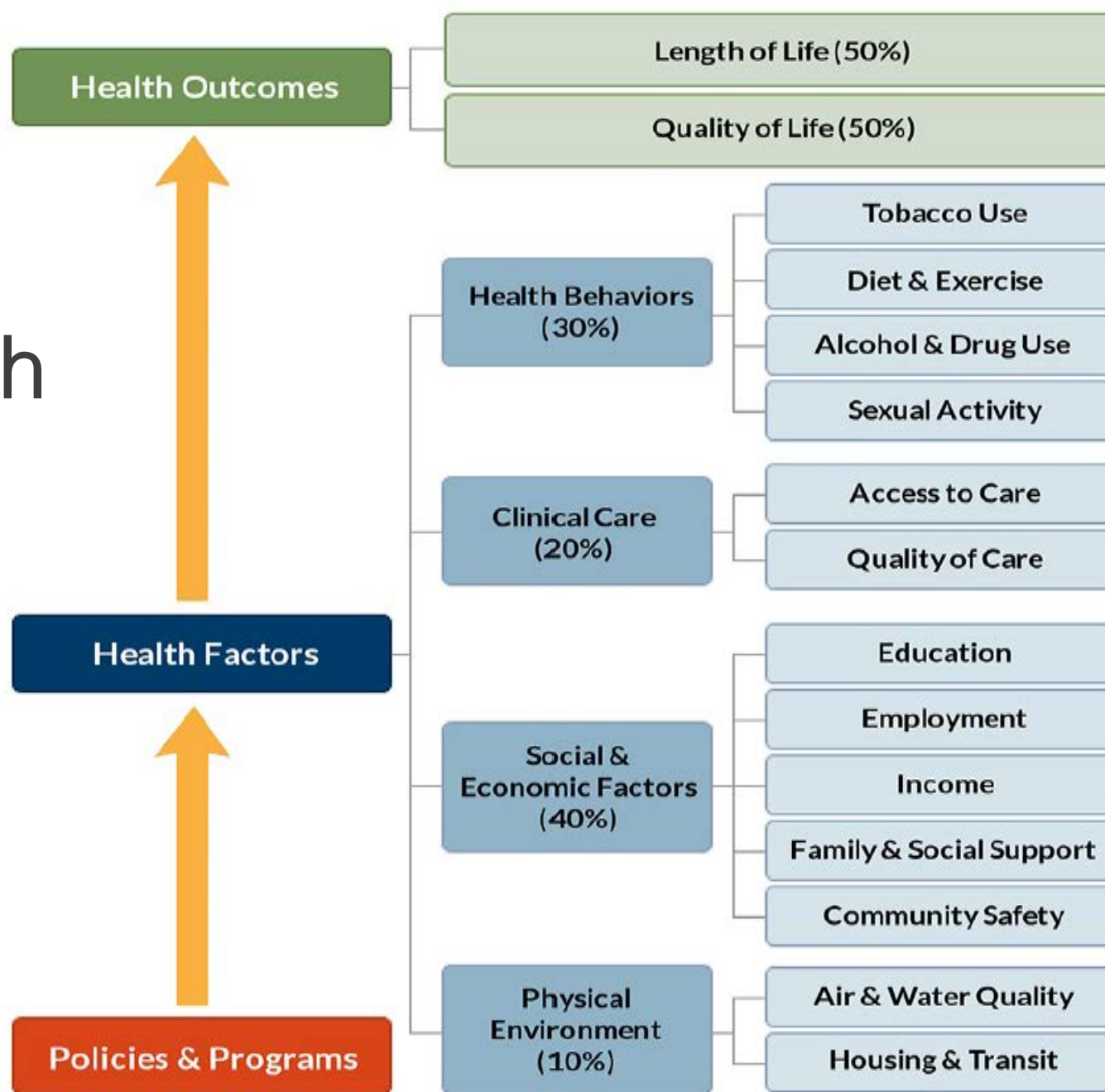
# Civic Engagement & Collaborative Research: **ADDICTION**: Involving Students in a Multidisciplinary, Multi-Institutional Healthy Neighborhoods Project

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Roberta L. Hayes, Ph.D., Irene J. Dabrowski, Ph.D., Marilyn Dono-Koulouris, Ed.D., & Robert Fanuzzi, Ph.D., Departments of Science, Sociology/Anthropology, First Year Seminar/Discover New York and English. St John's College of Liberal Arts and Sciences, and the Vice-Provost's Office, St. John's University, Staten Island, NY



# Drivers of Health Outcomes





# SI PPS Healthy Neighborhood Model

Cross-sector approach to creating change and improving health status

## Access to:

- Recreation & Open Space
- Healthy Foods
- Medical Services
- Public Transit & Transportation
- Quality Affordable Housing
- Economic Opportunity
- Completeness of Neighborhoods
- Safe Neighborhoods
- Environmental Quality
- Green & Sustainable Development



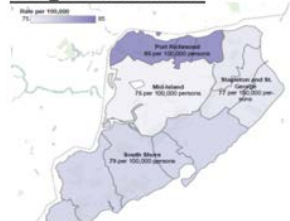




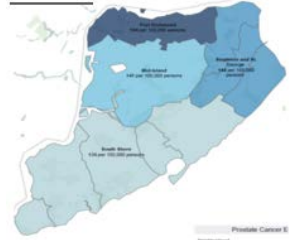
# SI Neighborhood “Adoption” --Health Disparities

## Wagner

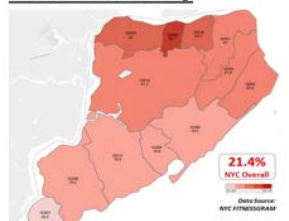
Lung and Bronchus



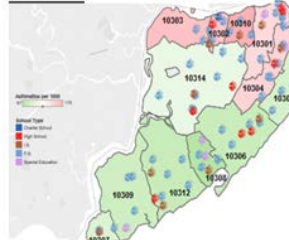
Prostate



Childhood Obesity

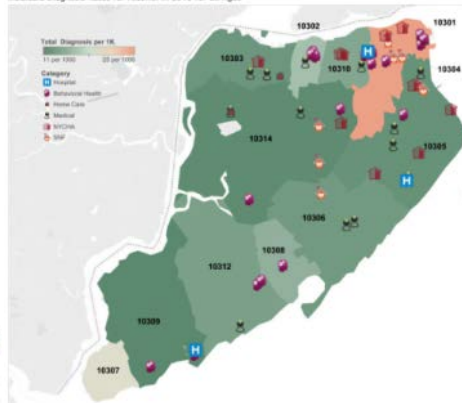


Asthma

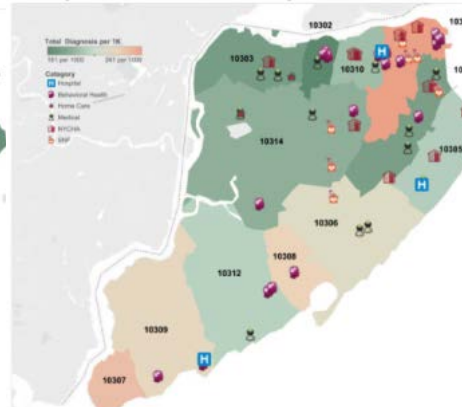


## St. John’s

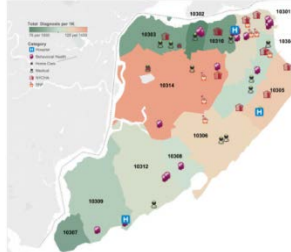
Medicaid Diagnosis Rates for Alcohol in 2015 for all Ages



Medicaid Diagnosis Rates for Behavioral Health in 2015 for all Ages

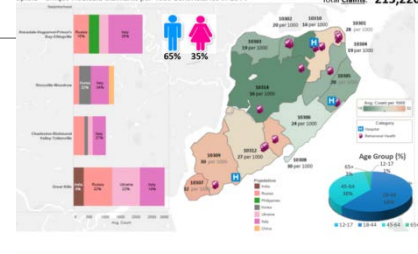


Medicaid Diagnosis Rates for Diabetes in 2015 for all Ages



## CSI

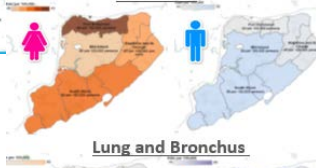
Opioid - Unique Medicaid Claimants per 1000 Beneficiaries in 2014



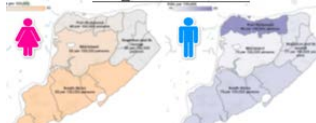
Female Breast



Colorectal



Lung and Bronchus



### Zip Codes: 10303, 10302, 10310

- Childhood Obesity
- Lung & Bronchus cancer
- Prostate cancer
- Asthma

### Zip Codes: 10301, 10304, 10305

- Alcohol
- Diabetes
- Behavioral Health

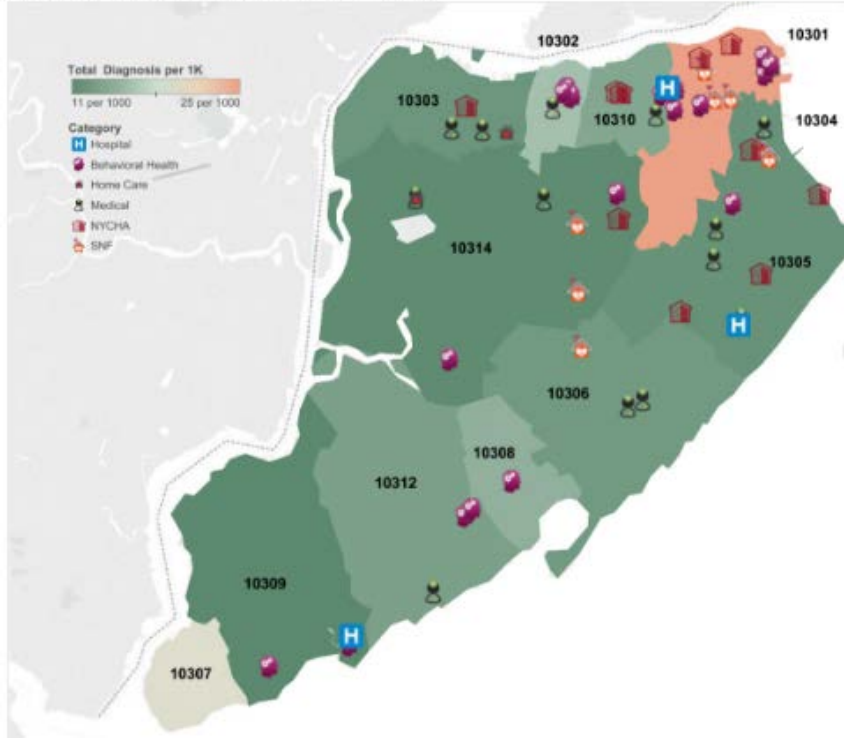
### Zip Codes: 10306, 10308, 10312

- Opioids
- Female breast cancer
- Colorectal cancer
- Lung & Bronchus cancer



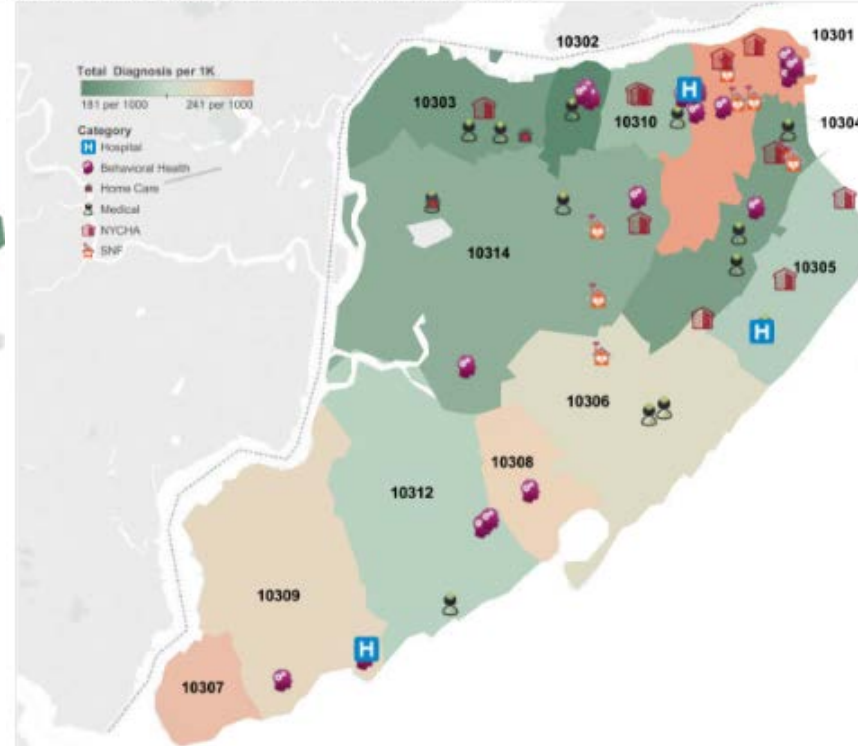
# Healthcare Data Disparities - St. George and Stapleton (10301, 10304, 10305) - St. John's

Medicaid Diagnosis Rates for Alcohol in 2015 for all Ages



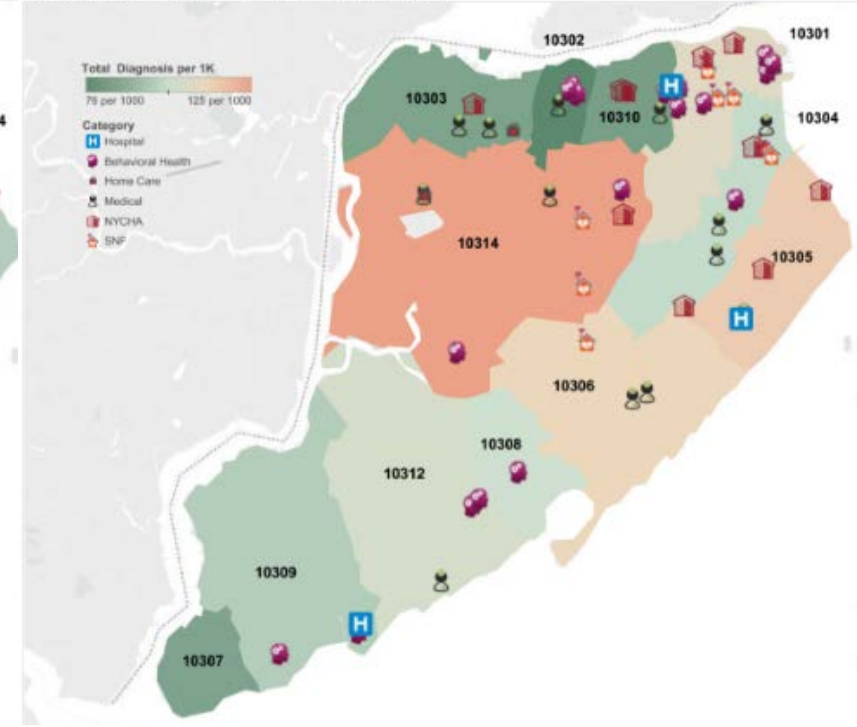
Alcohol

Medicaid Diagnosis Rates for Behavioural Health in 2015 for all Ages



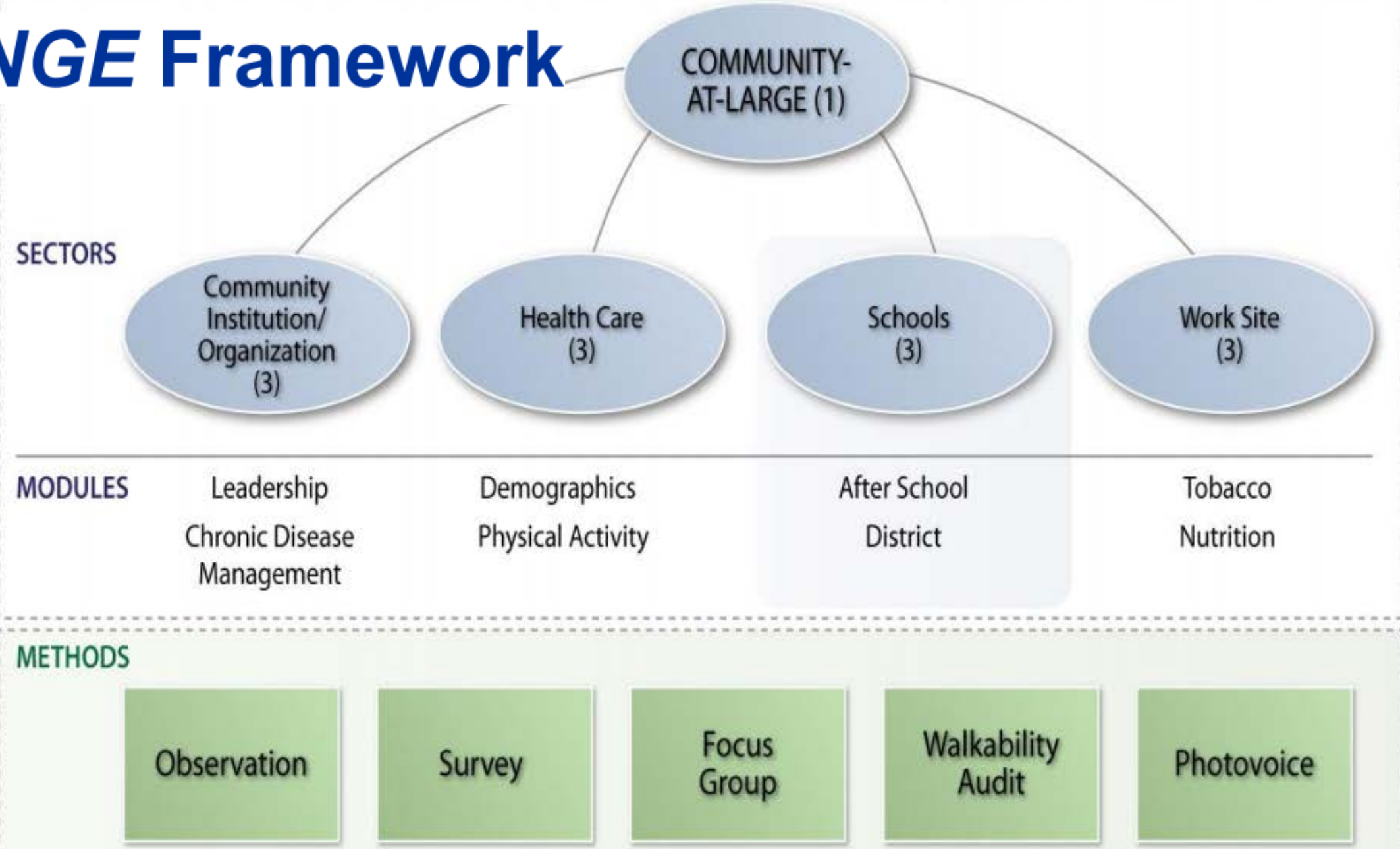
Behavioral Health

Medicaid Diagnosis Rates for Diabetes in 2015 for all Ages



Diabetes

# CHANGE Framework







# CHANGE Tool – Sector Examples

## Demographic

1. Total # of students served
2. School level:  
elementary, middle, high (specify grades)
3. Type of school:  
private, public, parochial
4. Best description of the setting of the school:  
rural, suburban, urban
5. Percentage (%) of students receiving free or reduced price lunch
6. Median household income of the students in this school:

8. Institute a tobacco-free policy 24/7?
9. Ban tobacco advertising on school property, at school events, and in written educational materials and publications?
10. Ban tobacco promotions, promotional offers, and prizes on school property, at school events, and in written educational materials and publications?
11. Ensure access to a full-time, qualified healthcare provider (e.g., registered school nurse) in every school?
12. Establish a case management plan for students with identified chronic diseases or conditions (e.g., asthma, diabetes, epilepsy) in consultation with their families, medical providers, and school staff?
13. Ensure immediate and reliable access to prescribed medications (e.g., inhaler, insulin, epinephrine pen) for chronic disease management throughout school day?

## School District

To what extent does the district:

1. Require 225 minutes per week of physical education for all middle school and high school students?
2. Require 150 minutes per week of physical education for all elementary school students?
3. Provide 20 minutes of recess daily for students in elementary school?
4. Ensure that students are not provided waivers or exemptions from participation in physical education for other school and community activities, such as band, chorus, Reserve Officers' Training Corps (ROTC), sports participation, or community volunteering?
5. Require that either fruits or vegetables or both are available wherever foods and beverages are offered?
6. Eliminate the sale and distribution of less than healthy foods and beverages during the school day?
7. Prohibit the sale of sugar-sweetened beverages (can exclude flavored, fat-free milk) during the school day?

**FOCUS:** Exercise, Food Choices, Sugar-sweetened beverages, Tobacco/ Smoking, Asthma, Diabetes, & Epilepsy.

**What is Missing? Alcohol & Drug use, like Opioids**



# Interdisciplinary Course Model

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Integration of Core Curriculum Courses –  
First Year Seminar (Discover New York), Scientific Inquiry, Sociology and English Literature for the study of healthy neighborhoods

- Brief Description of Each Assignment
- Discussion of what led each of us to study addiction
- Workshop discussion

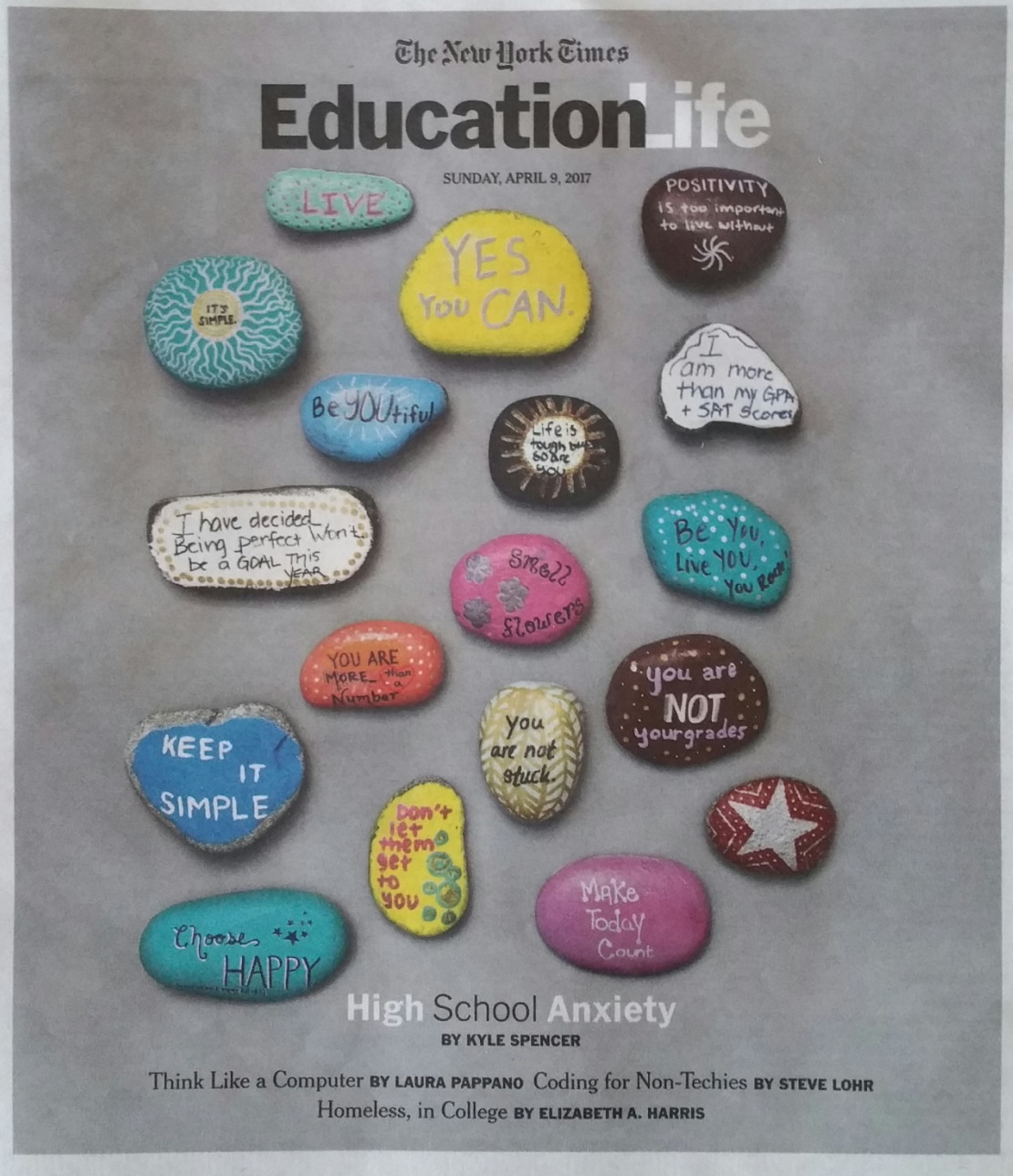




# Workshop Question

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- If you had to list the top five (5) addiction-related issues in your community, what would they be?
- Based on these five (5) addiction issues, how do you think they should be dealt with?



A positive message  
of **HOPE** may have  
more effect than  
you think