

Health Planning in the Adirondack Region

Adirondack Regional
Healthcare Workforce Planning Meeting
Lake Placid, New York

October 3, 2013

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Adirondack Health Institute

Adirondack Health Institute expands regional collaboration among health care and social service providers serving the Adirondack region of New York State

- Adirondack Medical Home Pilot
- Adirondack Health Home
- Adirondack Rural Health Network
- Health Insurance Enrollment Initiatives
- STARS Program

Adirondack Rural Health Network

- Established in 1992 through NYS DOH Rural Health Network Development Grant
- The mission of the ARHN is to undertake community health activities that are best accomplished through collective efforts of member organizations focusing on health problems of greatest concern, addressing the health needs of underserved populations, and adding value to the regional health care system
- “Working collectively to accomplish what individually we cannot”
- Since 2002- Formal health planning for Adirondack regional partners. First regional report released in 2004
- Currently partnering with public health departments, hospitals and community based organizations in Saratoga, Warren, Washington, Hamilton, Fulton, Essex, Franklin & Clinton counties
- Structured planning process for completion of the CHAs, CSPs and CHIPs.

CHAs and CSPs

- Local Health Department Community Health
 - Assessment & Community Health Improvement Plan
 - Due November 15, 2013; covers years 2014 - 2017
- Hospital Community Service Plans
 - Due November 15, 2013, covers years 2013 - 2015
- LHDs and Hospitals asked by Comm. Shah to work together to assess health status, select common priorities including one to address a health disparity, and develop and implement a plan to address priorities.

Prevention Agenda 2013 - 2017

- Goal is improved health status of New Yorkers and reduction in health disparities through increased emphasis on prevention.
- Call to action to broad range of stakeholders to collaborate at the community level **to assess** health status and needs, **identify** local health priorities and **plan, implement and evaluate** strategies for local health improvement.

Five Prevention Agenda Priorities

1. Prevent chronic diseases
2. Promote a healthy and safe environment
3. Promote healthy women, infants and children
4. Promote mental health and prevent substance abuse
5. Prevent HIV, sexually transmitted diseases, vaccine-preventable diseases and healthcare associated infections

Make New York the Healthiest State

New York State Prevention Agenda



Data Collection

- Qualitative - Community Stakeholder Survey
 - Surveyed community service providers regarding the populations they serve to identify areas of need
- Quantitative – Multiple Data Sources, formal analysis by CHWS
 - NYSDOH (Community Health Indicator Reports, BRFSS)
 - NYSDOCJ Crime
 - Traffic Safety
 - U.S. Department of Agriculture
 - County Rankings

Regional Survey Results

The major findings in a nutshell

- **Top emerging health trend:** Growing obesity problem (and related ailments like diabetes)
- **Most important agenda area:** Chronic disease
- **Least important agenda area:** HIV/STIs/vaccine-preventable diseases
- **Technology prioritization:** Majority support tech improvement as a priority area for the region
- **Biggest concern:** Agencies worry about future funding and reimbursement

Regional Emerging Trends

The problem and who needs help.

- Many emerging issues identified; no clear consensus
- High concern with poverty as a driver of emerging health issue
- Children & adolescents, the poor are target groups

Emerging Theme	Percent
Growing obesity, childhood obesity, and related ailments	25.5
Substance abuse (alcohol, drugs, prescriptions)	16.2
Mental health issues	15.8
Lack of service availability, lack of insurance	13.1
Aging population / need for senior care	10.8
Increase in chronic diseases	5.4
Increasing STI/STD cases in community	5.4
Other	34.7

Population group in need of targeting	Percent selecting
People living at or near poverty level	56.5
Children/adolescents	53.7
People with mental health issues	42.8
Seniors/elderly	39.6
People with substance abuse issues	37.5
People with disabilities	27.4
Women of reproductive age	26.3
Specific health condition or disease	22.5
Specific racial or ethnic groups	10.5
Migrant workers	5.3
Farmers	3.9
Everyone *	3.9
Other	3.9
Don't know	1.8

* Dominant write-in selection under other.

Qualitative Data - Regional Snapshot

- Sophisticated Methodology
- Many individual county variations
- Small numbers strongly influence some outcomes
- Data do not tell the whole story

Methodology for Determining Challenges

- Compared against prevention agenda, upstate New York, or New York State benchmarks.
- Determined percentage of those worse than the benchmark based on quartile rankings.
- Determined percentage of those in the third or fourth quartiles, i.e., 50% or worse than their respective benchmarks.
- Assessment based on both
 - Focus areas
 - Individual data elements

Health Care Issues for the ARHN Region

Challenges

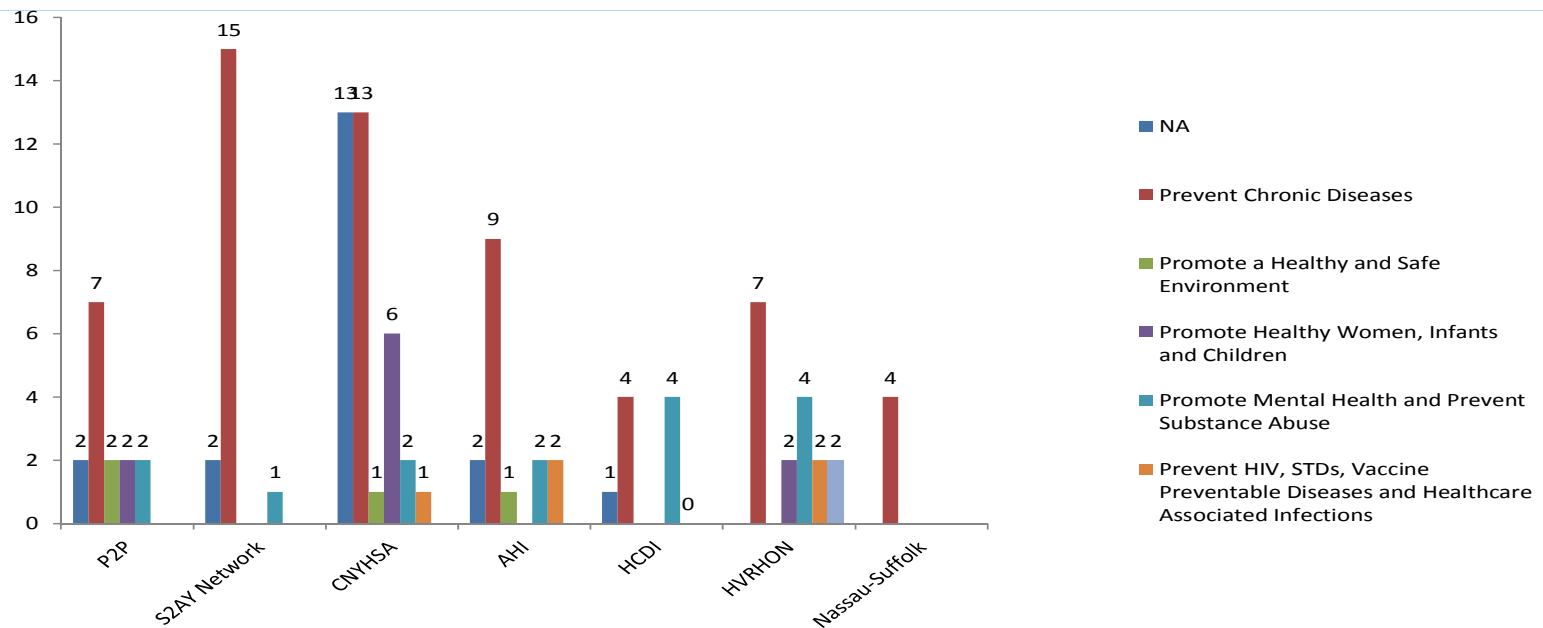
- Child Health
- Disparities
 - High rates of ED use
 - High rates of PQI discharges
- Vaccine Preventable Diseases
- Obesity

Significantly Challenges

- Built Environment
- Chronic Disease Management (asthma, diabetes)
- Other Illnesses
- Outdoor Air Quality
- Substance Abuse and Mental Health
- Tobacco Use/ Second Hand Smoke
- Water Quality

Priorities identified by Region – September 2013

Priorities identified by Region - September 2013



What We Know About the Adirondack's Population and Health Workforce

**Adirondack Regional
Healthcare Workforce Planning Meeting
Lake Placid, New York**

October 3, 2013

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The Right Health Professionals in the Right Places (RP²)

- Part of SUNY's strategic plan
- Recognizes its role as a key driver of the state's health workforce
- Encourages regional dialogue between educators and local health care providers to ensure SUNY is responsive to emerging workforce needs of the health care workforce
- Today's meeting:
 - Describe what we know about the needs of the population of the Adirondacks and the current health workforce
 - Discuss the most pressing health workforce needs to improve population health in the Adirondacks
 - Identify strategies for SUNY to address emerging health workforce needs

Health Workforce Planning Guide: Adirondacks

- Clinton
- Essex
- Franklin
- Hamilton
- Saratoga*
- Warren
- Washington

Full data guide is available at:

http://chws.albany.edu/archive/uploads/2013/09/nys_health_workforce_planning_data_guide_2013.pdf

What's in the Data Guide

Population information

- Demographic
- Health Indicators

Health Care Infrastructure

Workforce Information

- Health occupations
- Workforce sector employment
- Health Professional Shortage Areas (HPSAs)
- Education programs

What We Know About the Population of the Adirondacks

Percent of Population	Statewide	Upstate	Adirondack Region	Saratoga County
With a Bachelor's Degree or higher	32.5%	28.0%	21.8%	35.4%
65 and older	13.4%	14.4%	15.1%	13.5%
Medicaid Eligible	16.1%	18.3%	18.0%	10.7%
Unemployed	8.1%	7.4%	8.0%	5.3%

Health Care Facility Infrastructure in the Adirondacks

	Statewide	Upstate	Adirondack Region	Saratoga County
Hospital Beds per 100,000	289	272	310	78
Nursing Home Beds per 100,000	597	662	626	360
Adult Home Beds per 100,000	150	201	180	35
Assisted Living Beds per 100,000	61	86	39	105

The Adirondacks Have Fewer Providers per 100,000 than Other Regions

	Per 100,000 Population			
	Statewide	Upstate	Adirondack Region	Saratoga County
All Physicians	348	259	233	172
Primary Care Physicians	120	100	98	86
Obstetricians/Gynecologists	14	11	10	8
Physician Assistants	61	88	57	63
Nurse Practitioners/Midwives	76	94	60	74
Specialists	228	159	135	86

The Adirondacks Have Fewer Oral Health Providers per 100,000 than Other Regions

	Per 100,000 Population			
	Statewide	Upstate	Adirondack Region	Saratoga County
Dentists	78	62	46	74
Dental Hygienists	47	73	55	96

The Adirondacks Have More RNs and LPNs per 100,000 than Other Regions


	Per 100,000 Population			
	Statewide	Upstate	Adirondack Region	Saratoga County
Licensed Practical Nurses	332	528	589	456.3
Pharmacists	91	100	85	194
Registered Nurses	1,093	1,372	1,317	1,498
Social Workers	234	190	114	208

An Aging Health Workforce

	Mean Age		
	Statewide	Upstate	Adirondack Region
Family/General Practice	52	51	55
General Surgeons	55	56	56
General Psychiatrists	57	57	58
Dentists	49	50	57
Physician Assistants	40	43	45
Nurse Practitioners/Midwives	46	49	52
Dietitians/Nutritionists	45	46	52
Psychologists	51	50	51
Registered Nurses	47	47	48
Social Workers	44	42	46

What the Data Guide Tells Us About Population Health in the Adirondacks

- Findings are consistent with the ARHN Planning Effort.
- High rates of:
 - Smoking
 - Obesity
 - Chronic Diseases
 - Diabetes
 - Asthma
- Access to care concerns.
- High rates of:
 - Emergency department visits
 - Preventable hospitalizations
 - Diabetes hospitalizations



How do we build the health
workforce we need to
improve population health
in the Adirondacks?