CHCANYS
Clinical Forum & Statewide Conference

Developing a Strong

New Access Point Application

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In order to have a successful new access point application, you must climb a number of mountains....

One of the biggest challenges is finding appropriate data to support your application
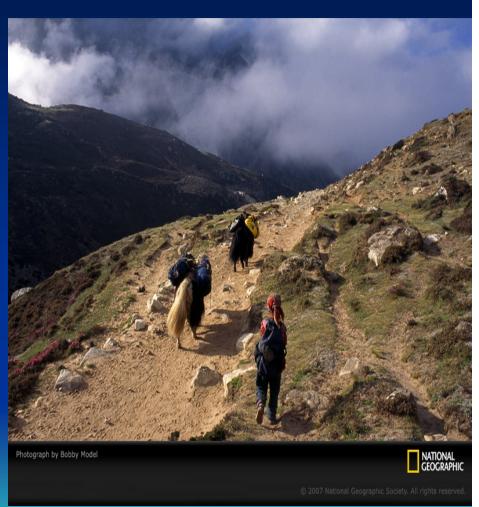
Problems with Available Data

- The need to visit multiple Web sites
  - NYSDOH
  - NYCDOHMH
  - Census
  - OASAS
- Level of geography is not always consistent and available
  - County, zip code, township or city, or census tract
- Difficulty aggregating data to service area
- Reporting not always consistent
  - Different ratios per capita, per 100,000 versus per 1,000
  - Different years

Guiding You Up the Mountain

The Center for Health Workforce Studies will be your sherpa by

- Combining different datasets

- Standardizing years and rates/ratios

- Aggregating data to your service area

- Providing a need for assistance worksheet

Photograph by Bobby Model

NATIONAL GEOGRAPHIC

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One Stop Shopping for Data

- Hospitalization data from NYSDOH
  - Diabetes
  - Hypertension
  - Cardiovascular
  - Asthma
- Prevention Quality Indicators from NYSDOH
- Vital records from NYSDOH and NYCDOHMH
  - Mortality
  - Births
    - Teen pregnancies
    - Infant mortality
    - Low birth weight rate

One Stop Shopping for Data

- Prevalence and behavioral data from BRFSS and NYS EpiQuery
  - Prevalence of diabetes, hypertension, asthma
  - Cancer screenings
  - Alcohol use
- Population data
  - % Under 100% FPL
  - % Under 200% FPL
  - % Linguistically isolated
  - % 65 and older
  - % Race and ethnicity
- Children with elevated blood lead levels
- Ratio of population to primary care provider FTEs from CHWS re-licensure data

Standardizing Reporting Years (as much as possible)

- Hospitalizations for 2006 to 2008

- Mortality for 2006 to 2008

- Births, teen pregnancy, infant mortality, etc. 2004 – 2008

- Behavioral/prevalence 2008/2009

- Primary care providers for 2009

- Population, 2009

Producing Data for Your Service Area

- Getting counts of NYS/NYC data at zip code level

- Linking it to other data

- Aggregating the data to the user defined service area

- Creating rates and ratios based on aggregated data

- Producing the need for assistance worksheet for your service area

Service Area Configuration Can Make A Difference

Left panel

NEEDS FOR ASSISTANCE WORKSHEET AND SERVICE AREA DEMOGRAPHICS

Service Area: Albany Co Option 1

SERVICE AREA DEMOGRAPHICS

Total Population:	57,264	# Ages 0 - 2:	1,678
% Female:	51.5%	# Ages 0 - 4:	2,865
% Hispanic/Latino:	3.9%	# Ages 5 - 17:	8,175
non-Hispanic/Latino		# Ages 18 - 64:	37,110
% Black/African American:	15.2%	# Ages 65 Plus:	9,114
% Native American/ Alaskan Native:	0.3%	% 65 Plus:	15.9%
% Asian/Pacific Islander:	2.0%	% Less than HS:	14.7%
% Other/Multiple Race:	2.0%	% High School Degree/GED:	28.4%
%Linguistically Isolated:	2.2%		
		% Some College:	16.8%
% Below 100% FPL:	10.8%	% Associate Degree	9.6%
% Between 100 and 199% FPL:	13.8%	% 4-year Degree	16.2%
		% Grad Degree	14.3%
%Below 200% FPL:	24.5%		
% of 200% FPL Uninsured:	31.3%		

CORE BARRIERS

Population to PC FTE Ratio:	1,648.3
% Below 200% FPL:	24.5%
% of 200% FPL Uninsured:	31.3%

DIABETES

		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Short-Term Complication Hospital Admission Rates:	48.2	46.7/100,000	82/100,000
Long-term Complications Hospital Admission Rates:	99.8	112.6/100,000	180.2/100,000
Uncontrolled Diabetes Hospital Admission Rate:	17.4	27.2/100,000	61.1/100,000
Lower Rate Ambutations Hospital Admission Rates:	23.8	37.5/100,000	65.7/100,000
Age Adjusted Diabetes Prevalence:	8.6%	6.50%	7.80%
Adult Obesity Prevalence:	21.9%	23.00%	24.50%
Diabetes Mortality:	18.6	26.0/100,000	35.0/100,000
Overweight Prevalence:	40.6%		

Right panel

NEEDS FOR ASSISTANCE WORKSHEET AND SERVICE AREA DEMOGRAPHICS

Service Area: Albany Co Option 2

SERVICE AREA DEMOGRAPHICS

Total Population:	17,861	# Ages 0 - 2:	615
% Female:	50.8%	# Ages 0 - 4:	1,031
% Hispanic/Latino:	7.6%	# Ages 5 - 17:	2,610
non-Hispanic/Latino		# Ages 18 - 64:	12,027
% Black/African American:	38.7%	# Ages 65 Plus:	2,193
% Native American/ Alaskan Native:	0.4%	% 65 Plus:	12.3%
% Asian/Pacific Islander:	2.2%	% Less than HS:	19.4%
% Other/Multiple Race:	3.6%	% High School Degree/GED:	23.9%
%Linguistically Isolated:	4.3%		
		% Some College:	16.6%
% Below 100% FPL:	23.4%	% Associate Degree	6.8%
% Between 100 and 199% FPL:	21.8%	% 4-year Degree	17.5%
		% Grad Degree	15.8%
%Below 200% FPL:	45.1%		
% of 200% FPL Uninsured:	31.3%		

CORE BARRIERS

Population to PC FTE Ratio:	1,547.3
% Below 200% FPL:	45.1%
% of 200% FPL Uninsured:	31.3%

DIABETES

		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Short-Term Complication Hospital Admission Rates:	91.5	46.7/100,000	82/100,000
Long-term Complications Hospital Admission Rates:	130.8	112.6/100,000	180.2/100,000
Uncontrolled Diabetes Hospital Admission Rate:	26.2	27.2/100,000	61.1/100,000
Lower Rate Ambutations Hospital Admission Rates:	31.8	37.5/100,000	65.7/100,000
Age Adjusted Diabetes Prevalence:	8.6%	6.50%	7.80%
Adult Obesity Prevalence:	21.9%	23.00%	24.50%
Diabetes Mortality:	24.3	26.0/100,000	35.0/100,000
Overweight Prevalence:	40.6%		

Service Area Configuration Can Make A Difference

NEEDS FOR ASSISTANCE WORKSHEET AND SERVICE AREA DEMOGRAPHICS

Service Area: Albany Co Option 1

CARDIOVASCULAR DISEASE		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Hypertension Hospital Admissions Rate:	41.2	50.2/100,000	99.5/100,000
CHF Hospital Admission Rate:	361.0	502.8/100,000	753.6/100,000
Angina without Procedures Hospital Admission Rate:	12.8	82.3/100,000	160.3/100,000
Heart Disease Mortality:	769.6	240.8/100,000	271.0/100,000
% of Adults Reporting High Blood Pressures:	31.7%	24.80%	27.70%

CANCER		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
% of Females 18 Plus With No Pap Smear Last Three Years:	13.5%	13.80%	16.00%
% of Women 40 and Older With No Mammogram Last Three Years:	20.4%	25.30%	27.80%
% of Adults 50 plus with No Fecal Occult Test Within Last Two Years:	83.0%	75.90%	78.30%

PRENATAL AND PERINATAL HEALTH		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Total Births (5 Year Average):	618		
Percent Low Birth Weight Births (< 2500 grams):	9.4%	6.00%	9.80%
Infant Mortality Rate:	6.5	6.9/1,000	9.1/1,000
% of Total Births to Teen Mother	7.3%	6.30%	9.20%
% of Total Births With Late or No Prenatal Care:	19.9%	16.00%	20.00%
% of Total Births With Cigarette Use:	13.8%	10.70%	14.30%

CHILD HEALTH		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Pediatric Asthma Hospital Admission Rate:	180.7	164.6/100,000	347.1/100,000
Percent of Children Tested for Lead by Age of 3:	49.0%	< 15.00%	<7.00%

NEEDS FOR ASSISTANCE WORKSHEET AND SERVICE AREA DEMOGRAPHICS

Service Area: Albany Co Option 2

CARDIOVASCULAR DISEASE		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Hypertension Hospital Admissions Rate:	63.5	50.2/100,000	99.5/100,000
CHF Hospital Admission Rate:	375.5	502.8/100,000	753.6/100,000
Angina without Procedures Hospital Admission Rate:	20.5	82.3/100,000	160.3/100,000
Heart Disease Mortality:	693.0	240.8/100,000	271.0/100,000
% of Adults Reporting High Blood Pressures:	31.7%	24.80%	27.70%

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PRENATAL AND PERINATAL HEALTH		Nat'l Benchmark (4 pts)	Severe (1 add't pt)
Total Births (5 Year Average):	283		
Percent Low Birth Weight Births (< 2500 grams):	12.2%	6.00%	9.80%
Infant Mortality Rate:	9.2	6.9/1,000	9.1/1,000
% of Total Births to Teen Mother	10.3%	6.30%	9.20%
% of Total Births With Late or No Prenatal Care:	28.2%	16.00%	20.00%
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Climbing a Mountain Takes One Step at Time

- Step one: Define your service area

- Step two: Collect needed data

- Step three: Determine which data is relevant

- Step four: Use data in narrative to support application

SKIPPING STEPS MAY LAND YOU IN THE ABYSS!!!!!

Climbing Every Mountain Still Has Its Pitfalls

- Certain data available only at the county level
  - Larger geographic levels may mask problems in your service area
- Cell size restrictions may limit output for smaller service areas
  - Rates and ratios may negate cell size issues
- May still be missing information – need to know what you don't know

Next Steps

- Define service area
- Determine target population (versus service area population)
- Work with CHCANYS