

# ANHSI Quality Update

Feb 20, 2014

- **Clinical Measures Reported to HRSA**
  - **Preventive services**
    - Childhood immunizations
    - Weight Assessment & counseling (children & adults)
    - Tobacco Assessment & Cessation Intervention
  - **Cancer screening**
    - Cervical cancer screening (pap smears)
    - Colon cancer screening (occult blood or colonoscopy)
  - **Disease Management & Outcomes**
    - Asthma Treatment Plan
    - Heart Disease– Aspirin & Statin use
    - Hypertension control
    - Diabetes control

# *How many patients counted?*

	# health centers	# patients
ANHSI 2013	1	14, 046
ANHSI 2012	1	13,057
Virginia 2012	24	283,906
National 2012	1198	21 million

## • Childhood Immunizations

▫ Children who have achieved age appropriate vaccines prior to their 3<sup>rd</sup> birthday during measurement year

▫ National 2012	43%
▫ Virginia 2012	49 %
▫ ANHSI 2012	90%
▫ ANHSI 2013	96%

- Child/Adolescent Weight Assessment & Counseling
  - Children and adolescents aged 3 – 17 with BMI percentile AND counseling on nutrition and physical activity documented for current year
  - National 2012 47%
  - Virginia 2012 42%
  - ANHSI 2012 89%
  - ANHSI 2013 89%

## • Adult Weight Screening and Follow-up

- Patients aged 18 and older with 1 BMI charted AND follow up plan documented IF patients are overweight or underweight

▫ National 2012	48%
▫ Virginia 2012	43 %
▫ ANHSI 2012	56%
▫ ANHSI 2013	68%

## • Tobacco Use Assessment

- Patients queried about tobacco use one or more times in the measurement year or prior year

▫ National 2012	86%
▫ Virginia 2012:	88%
▫ ANHSI 2012	83%
▫ ANHSI 2013	92%

## • Tobacco Cessation Intervention

- Tobacco users aged 18 or older who have received cessation advice or medication

▫ National 2012	43%
▫ Virginia 2012	49%
▫ ANHSI 2012	79%
▫ ANHSI 2013	78%*

- *\* In 2013, ANHSI switched from chart review to universe*



## • Cervical Cancer Screening

- Female patients aged 24-64 who received one or more Pap tests to screen for cervical cancer
- National 2012 57%
- Virginia 2012 52%
- ANHSI 2012 75%
- ANHSI 2013 70%

- Colorectal cancer screening

- Patients aged 51 through 74 years of age during measurement year with appropriate screening for colorectal cancer

- National 2012

- Virginia 2012

- ANHSI 2012                      37%

- ANHSI 2013                      44%

- CDC Nat'l average            53%

## • Asthma Treatment Plan

- Patients aged 5 through 40 diagnosed with persistent asthma who have an acceptable pharmacologic treatment plan

▫ National 2012	73%
▫ Virginia 2012	68%
▫ ANHSI 2012	84%
▫ ANHSI 2013	99%

- Heart Disease – Lipid Therapy

- Patients aged 18 and older with a diagnosis of coronary artery disease (CAD) who were prescribed a lipid lowering therapy agent

- National 2012

- Virginia 2012

- ANHSI 2012                      73%

- ANHSI 2013                      91%

- Heart Disease – Aspirin Therapy

- Patients aged 18 and older with a diagnosis of IVD or AMI, CABG, or PTCA procedure with a aspirin or other antithrombotic therapy

- National 2012

- Virginia 2012

- ANHSI 2012                      89%

- ANHSI 2013                      94%

## • Hypertension

▫ Total patients	2586
▫ Total controlled	1488
▫ Percentage controlled	58%
▫ Percentage controlled (2012)	56%
▫ National (2012)	64%
▫ Virginia (2012)	66%

### Notes:

1. **Controlled** = Last SBP < 140 and DBP < 90 (< 140/90)
2. Only includes ages 18-85, patients w/ 2 or more visits & diagnosed before June 30.
3. Total patients w/ hypertension = 3304

## • Diabetes

▫ Total patients		1660
▫ HgA1C	< 7	36%
▫ HgA1C	7 – 8	23%
▫ HgA1C	8-9	12%
▫ HgA1C	> 9	31%
▫ ANHSI 2012		26% <i>*chart review</i>
▫ VA 2012		27%
▫ National 2012		30%

### Notes:

1. Looks at **most recent** A1C in 2013. If not recorded, counted as >9
2. Only ages 18-75, patients w/ 2 visits. Excludes gestational DM, steroid induced DM
3. Total number of patients with diabetes: 1989

# Overall Assessment & Reflections

- ANHSI outperformed HRSA national & Virginia averages in **all 7** process measures for which comparison data available.
- Slightly below average on 1 outcome measures & approx equal on 1
  - More clarity & standardization needed with documentation to accurately capture results (i.e, hypertension)
- Improvement on 8 measures, equal on 2 measures, down 2 measures.
  - Significant given already high numbers
  - Switched to universe accounted for some (but not all) decrease
  - Quality interventions helping
- Some thoughts...
  - Each measure has value but also limitations
  - Assessing value for individual patient (risk, benefit, relative importance) critical
  - Ability to accurate, efficiently, and meaningfully measure quality metrics increasingly important for organization
  - Patient experience measurement important



# 2014 Updates

- Depression Screening & Follow up
  - *“Patients aged 12 and over who were (1) screened for depression with a standardized tool and (2) had a follow-up plan documented if patients were considered depressed.”*
- New HIV cases with timely Follow up
  - “Patients whose first ever HIV diagnosis was made by health center staff between October 1 and September 30 and who were seen for follow up within 90 days of that first ever diagnosis.”*
- Prenatal Care measures
  1. *Trimester of entry into prenatal care.*
  2. *Deliveries by Birth Weight (<1500 grams, 1500-2499, >2500)*