Center for School, Health and Education

*Building Capacity of SBHC/H2H Leaders
to Integrate Public Health with Primary Care*

*A learning series developed with funding from the CDC
Additional funding for this cohort and technical assistance provided by Kaiser Permanente*

Population Health Strategies to Sustainability

*Building Capacity of SBHC/H2H Leaders
to Integrate Public Health with Primary Care*

Presented by
Laura Brey, MS
Vice President, Strategy and Knowledge Management
School-Based Health Alliance

APHA

Guiding Questions

- What are CPT, ICD 10, and Z codes?

- What do they have to do with sustainability?

- How do you currently use your encounter data?

- What is community benefit what does it have to do with sustainability?

What is Sustainability?

The ability to be sustained, supported, upheld, confirmed

CPT Code

- Current Procedural Terminology
- American Medical Association
- Procedure Codes - *What You Did*
- Types
  - Evaluation and Management Visits
    - Systems and Complexity
    - Time spent in counseling/education
  - Preventive Medicine Visits
  - Labs
  - Immunizations
  - Vision Services
  - Mental Health

ICD 10

- International Classification of Diseases
- World Health Organization
- Diagnosis Codes - *Why You Did It*
- Examples
  - Asthma
  - Sinusitis
  - Smoking cessation
  - Obesity counseling
  - Well Child Visit
  - Urinalysis, Hematocrit
  - HPV, Td,
  - ADD, Depression

ICD10
Z – Codes

- Document factors influencing health status and contact with health services
- Personal and family history putting students at higher risk of having the same condition
- Sometimes primary diagnosis code
- Usually secondary diagnosis code

Population Health
Z – Codes

Z59.X *Problems Related to Housing and Economic Circumstances*
- Z59.0 Homelessness
- Z59.1 Inadequate housing (lack of heating, restriction of space)
- Z59.4 Lack of adequate food and safe drinking water
- Z59.5 Extreme poverty
- Z59.6 Low income
- Z59.7 Insufficient social insurance and welfare support

Population Health
Z – Codes

- Z55.9 Problems related to education and literacy, unspecified
- Z60.3 Acculturation difficulty
- Z62.21 Child in welfare custody
- Z62.82 Parent-child conflict
- Z62.820 Parent-biological child conflict
- Z62.821 Parent-adopted child conflict
- Z62.822 Parent-foster child conflict
- Z62.89 Other specified problems with upbringing
- Z62.890 Parent-child estrangement NEC
- Z62.891 Sibling rivalry
- Z62.898 Other specified problems related to upbringing
- Z62.9 Problem related to upbringing, unspecified

Population Health
Z – Codes

Z64.X *Other Problems related to primary support group, including family circumstances*
- Z63.3 Absence of family member
- Z63.4 Disappearance and death of family member
- Z63.31 Absence of family member due to military deployment
- Z63.71 Stress on family due to return of family member from military deployment
- Z63.5 Disruption of family by separation and divorce
- Z63.72 Alcoholism and drug addiction in family
- Z63.79 Other stressful life events affecting family and household

ICD10
Z – Codes

Z72.X *Problems relating to lifestyle, see 4th digit for circumstance*

- Z72.3   Lack of physical exercise
- Z72.4   Inappropriate diet and eating habits
- Z72.51   High risk heterosexual behavior
- Z72.82   Sleep deprivation
- Z73.819 Behavioral insomnia of childhood, unspecified type
- Z72.89   Other problems related to lifestyle
- Z72.9   Problem related to lifestyle, unspecified

Johnny's SBHC Visit

- Diagnosed with asthma
- Has been having acute episodes
- Visits his SBHC and receives education on medication administration
- New inhaler prescription given
- Insurer = Medicaid

Coding Johnny's Visit
Billing Only

- Evaluation and Management Visit – New Patient Outpatient Visit – 30 minutes
  – CPT 99203
- Mild intermittent asthma with acute exacerbation
  – ICD10 J45.21

Behind every child is a story

Johnny's SBHC Story

- Acute episodes increase
- New visit to SBHC
- Family filled the new prescription ($50)
- NP watches Johnny practice using his inhaler
- Medications are reviewed and deemed appropriate
- NP learns through additional history taking that many family members have asthma as well and do not have insurance (usual source of care is the ED)
- Family has been sharing his inhaler in order to avoid going to the ED
- Family lives in public housing

Social determinants of health can be tracked using billing codes. Powerful data collection method that can drive change!

Coding SBHC Visit
Telling Johnny's Story

- Evaluation and Management Office Visit –
  New Patient – 30 minutes
  - CPT 99213
- Mild intermittent asthma with acute exacerbation
  - ICD10 J45.21
- Family history of asthma and other chronic lower respiratory diseases
  - Z code Z82.5
- Low income
  - Z code Z59.6
- Other problems related to housing and economic circumstances
  - Z code Z59.8

Lizzie's SBHC Story

- Comes into the SBHC feeling down
- Sees the LCSW
- Her father (Reserves) was deployed recently
- Reporting restless sleep since father was deployed

Community Benefit

- Programs or activities that provide treatment and/or promote health and healing as a response to identified community needs
- Meet at least one of the following criteria
  - Improves access to health care services
  - Enhances health of the community
  - Advances medical or health knowledge
  - Relieves or reduces the burden of government or other community efforts
- Marketing must not be the primary purpose

**Coding SBHC Visit
Telling Lizzie's Story**

- Mental Health Visit – Psychotherapy Visit – 45 minutes
  – CPT 90834
- Adjustment disorder with mixed anxiety and depressed mood
  - ICD 10 Code F43.23
- Absence of family member due to military deployment
  - Z Code Z63.31)

In Summary

- Electronic Health Records and ICD 10
  – Collect, Extract, Manipulate, and Report Data
  – Maximize Billing and Reimbursement
  – Conduct Quality Improvement Activities
  – Report Performance Measures
  – Tell Population Health Stories of Students
  – Implement Population-Based Interventions
  – Calculate Community Benefit – Return on Investment
  – Report SBHC Performance to Stakeholders
  – Use Data for Policy, Advocacy, Engagement, Funding

Presenter's Bio

- **Laura Brey, MS, Vice President for Strategy and Knowledge Management School-Based Health Alliance,** lbrey@sbh4all.org
- Serves as a special advisor to the President on SBHC operations and oversees the organization's consulting services, implementation of new strategies and projects, and staff development,
- 35 year career in clinic, public health, and nonprofit administration, management, consultation, and training
- 20 years of school-based health experience at the state and national levels including previous positions:
  – Director Programs and Professional Services, School-Based Health Alliance
  – Clinical Service Coordinator for the NC Division of Public Health, Making the Grade in NC
  – Project Director for the American Medical Association's GAPS in School-Based Health Centers Initiative
- Bachelor of Arts in Teaching, French, Spanish, and School Health Education and a Master of Science in Community Health Education and Administration from University of Illinois in Urbana