



FAMILIES & EDUCATION LEVY: HEALTH INVESTMENT

**Gender Equity, Safe Communities, New Americans &
Education Committee**

February 2018

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Public Health 
Seattle & King County

History

- 1988- Rainier Beach HS School Based Health Center (SBHC) opens
- 1990- First Levy Health investment
- 1998- Levy renewal adds middle schools
- 2004 – Ingraham High School
- 2011- Elementary, Interagency, Dental

Why School Based Health?

Healthy students learn better

- Poor health severely limits a child's motivation and ability to learn.¹
- Seattle SBHC use is significantly associated with GPA and attendance gains.²
- Adolescents are 21 times more likely to access mental health services at the school based health center than community clinics.³

¹ Basch, CE. Healthier Students are Better Learners: A Missing Link in School Reforms to Close the Achievement Gap. Equity Review: Research Matters Vol. 6.. 2010.

² Walker S, Kerns S, Lyon A, Bruns E, Cosgrove T. Impact of school-based health center use on academic outcomes. J Adolesc Health. 2009; 1-7.

³ Juszczak, L., Melinkovich, P., & Kaplan, D. Use of health and mental health services by adolescents across multiple delivery sites. Journal of Adolescent Health, 2003; 32, 108–118.

Additional Benefits

- Increase attendance
- Reduce barriers to learning
- Save parents and employers time
- Support teachers and school personnel
- Increase school connectedness
- Engage parents and community

Outcomes of School Based Health Care

- Decreased emergency room and urgent care visits.
- Decreased hospitalizations for children with asthma.
- Improved access to and use of mental health services.
- Improved vaccination rates.
- Reduced Medicaid expenditures



<https://www.youtube.com/watch?v=jnNeobYDSPo>

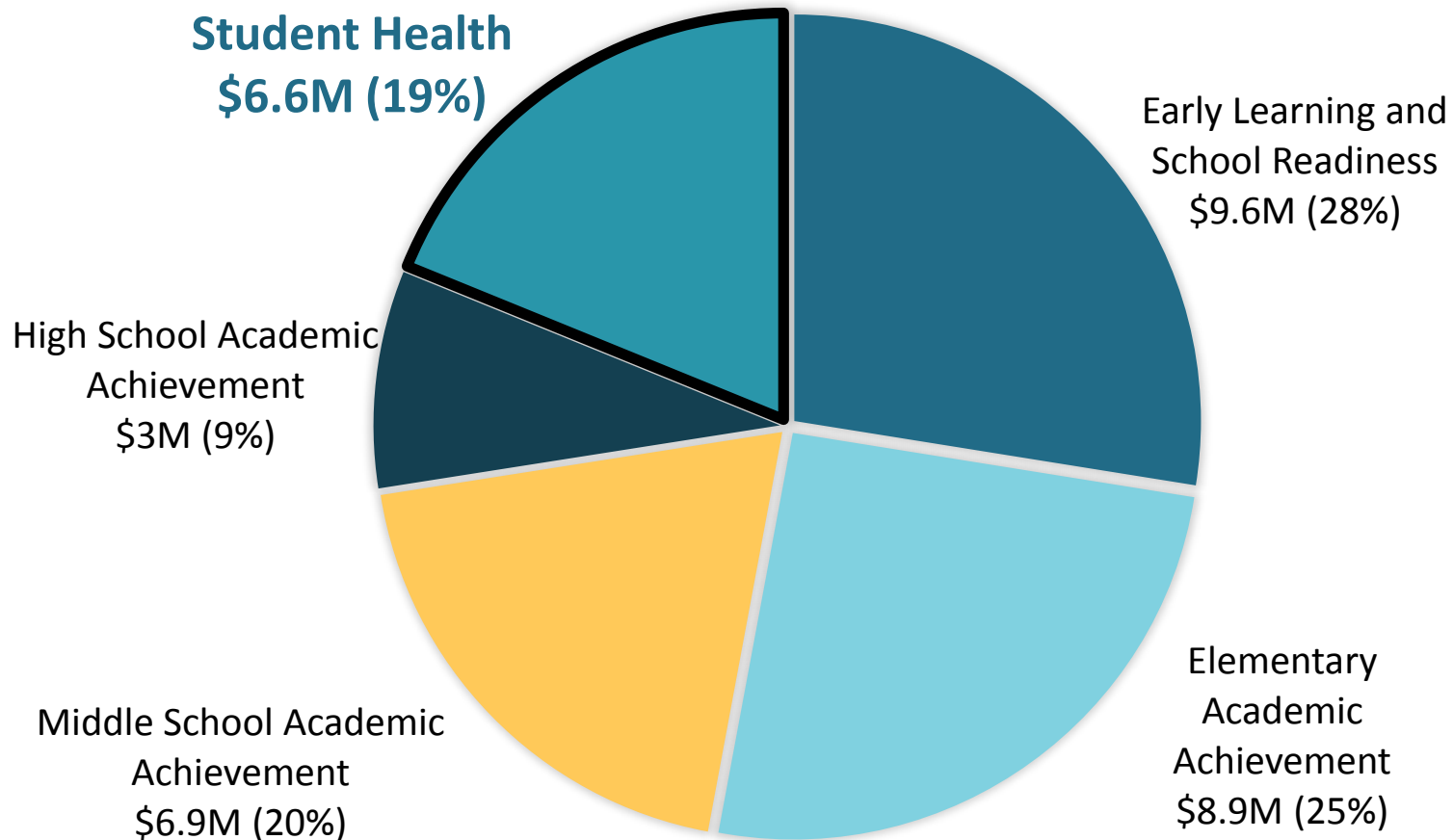
Community Partners

| Sponsors | Sites | |
|--|---|--|
| Swedish Medical Center | Ballard High School | |
| Odessa Brown Children's Clinic | Garfield High School* Beacon Hill International School Madrona K-8 School* | |
| Kaiser Permanente | Aki Kurose Middle School Franklin High School Interagency Academy | Nathan Hale High School Washington Middle School |
| Public Health - Seattle & King County | Cleveland High School Ingraham High School Rainier Beach High School | |
| Neighborcare Health | Bailey Gatzert Elementary* Dearborn Park Elementary* Highland Park Elementary* Roxhill Elementary* Van Asselt Elementary* West Seattle Elementary* | Denny International School* Madison Middle School* Mercer Middle School* Roosevelt High School Chief Sealth High School* West Seattle High School |
| International Community Health Services | Seattle World School | |

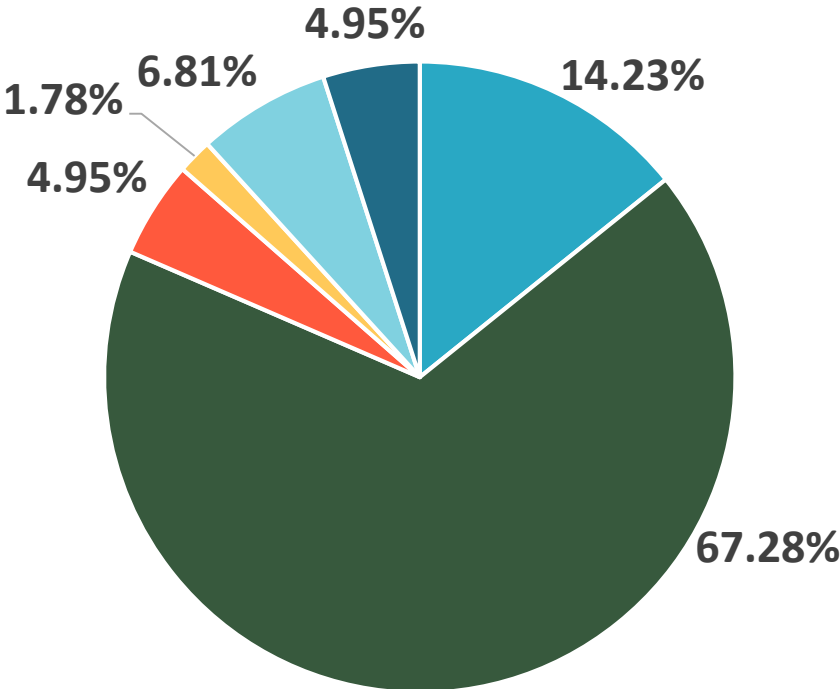
* Dental Services provided by Neighborcare

2011 Families and Education Levy 2016-17 Annual Budget

TOTAL = \$35,043,239



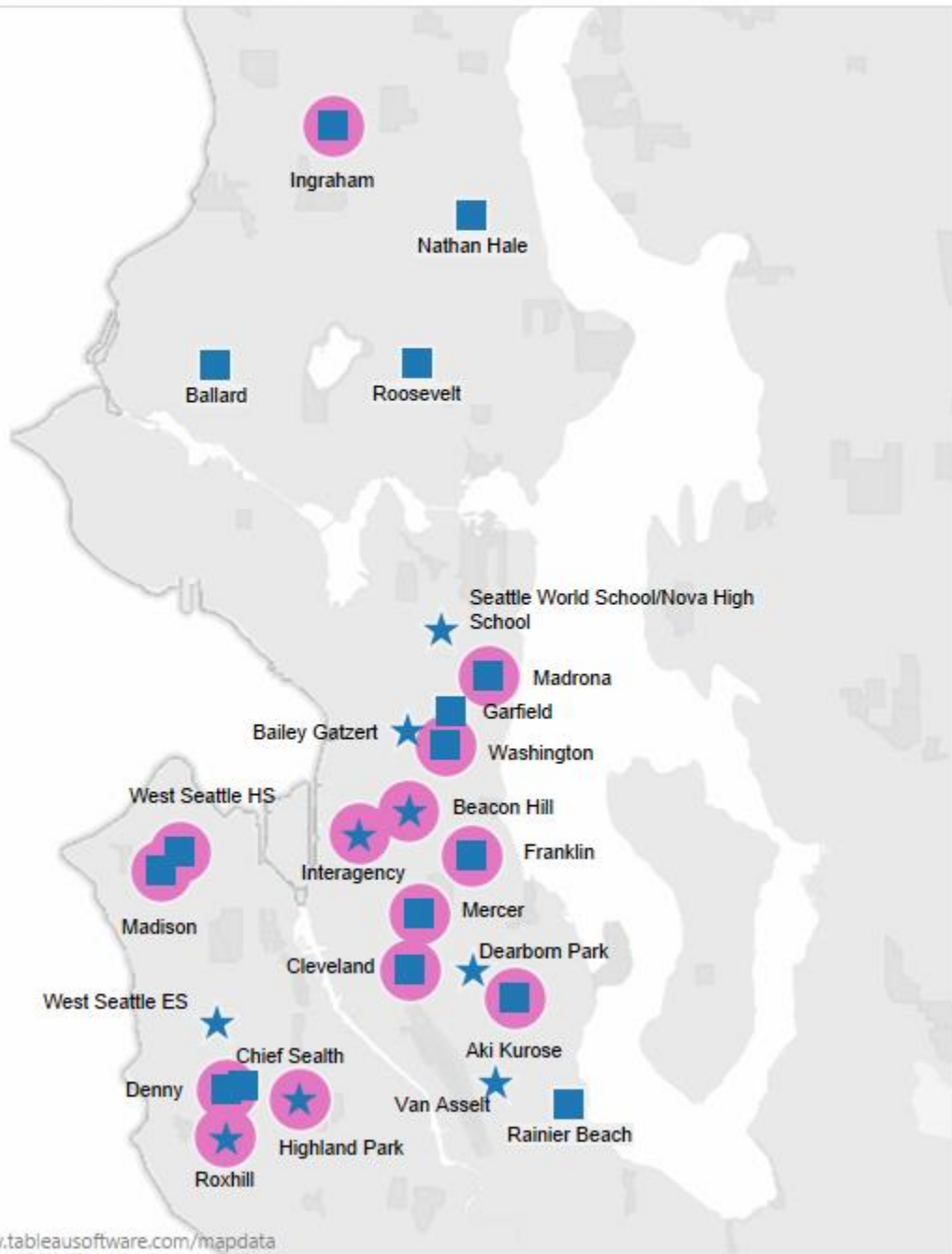
2017-18 Health Investment = \$6.6M



- School Nurses
- Middle & High SBHC
- Interagency
- Mental Health Enhancement
- Elementary SBHC
- Dental

Levy Health Investments - School Sites

- Continuing Health Services
- ★ New Health Services Under 2011 Levy
- School Sites Receiving Innovation/Linkage Funds



Partners Leverage Funds

- FEL covers about 70% of total operating budgets
 - Medicaid/FQHC, patient-generated revenue
 - Private grants/donations
 - In-kind, community benefit
 - Best Starts for Kids
- SPS provides space in-kind

Role of Public Health

- Quality and performance improvement
- Assurance of quality health services
- Data collection and reporting
- Technical assistance
- Professional development
- Liaison with Seattle Public Schools

Middle and High School SBHC and School Health Support Services

- Preventive, primary, and acute healthcare
- Mental and behavioral health counseling
- Immunizations
- Sports physicals
- Reproductive health care
- Health education and health promotion
- Care coordination for drug/alcohol services
- Dental care
- Clinical support for students managing chronic and mental health conditions

SBHCs Partner with School Nurses

School nurses and SBHC providers work together:

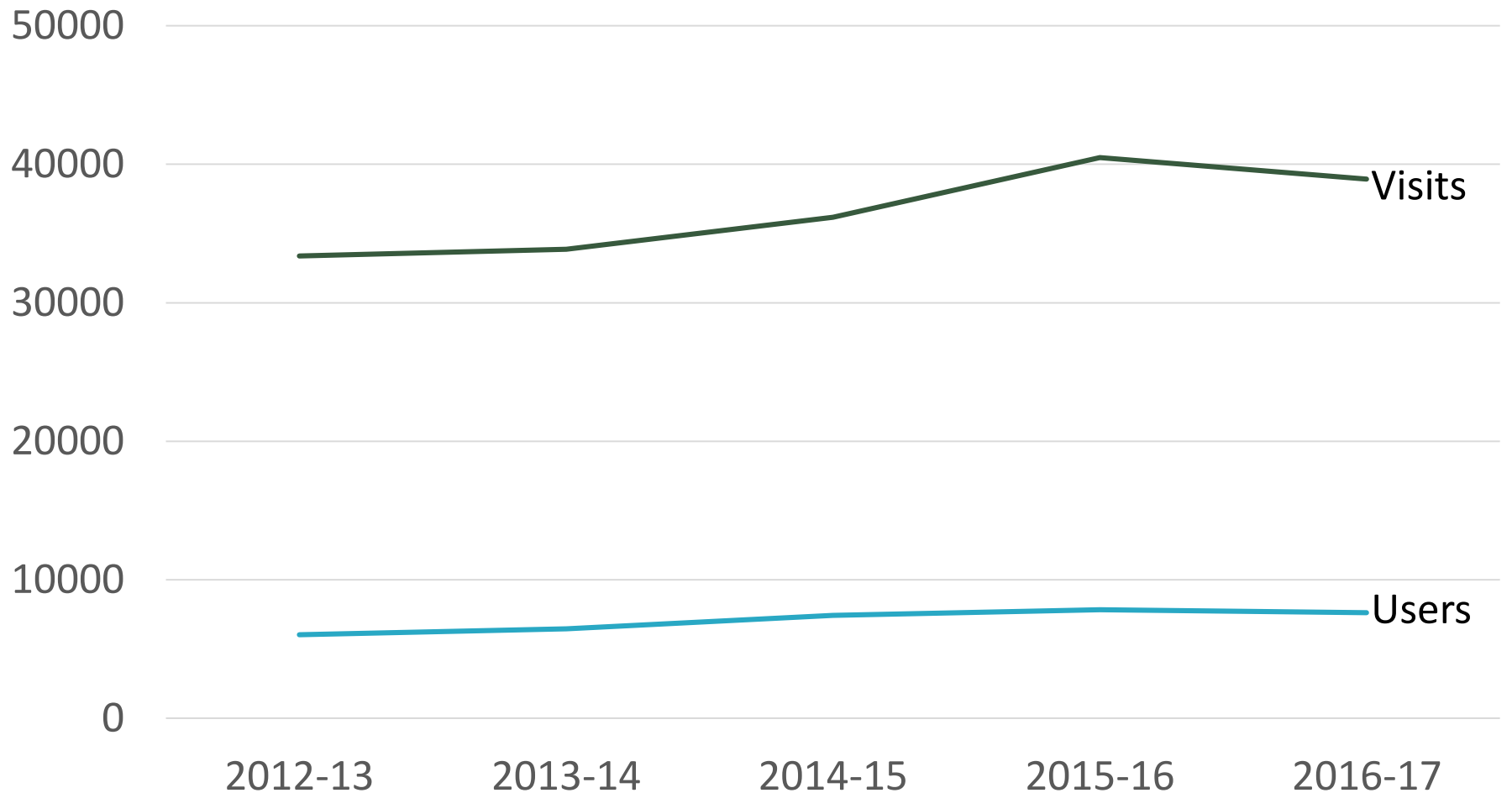
- Assess and refer students to SBHCs and other services
- Increase immunization compliance
- Manage chronic conditions
- Screen students for behavioral risk factors
- Share outcomes for student success

Dental Services

“A 4th grader was feeling extremely anxious about her dentist appointment and did not want to come at all. She was on the verge of tears until a couple of her classmates (one of whom had also seen the dentist that day) reassured her and made her feel brave. She brought a friend to hold her hand and she was able to finish her treatment...In some ways this is more effective than anything health center staff members can do.”

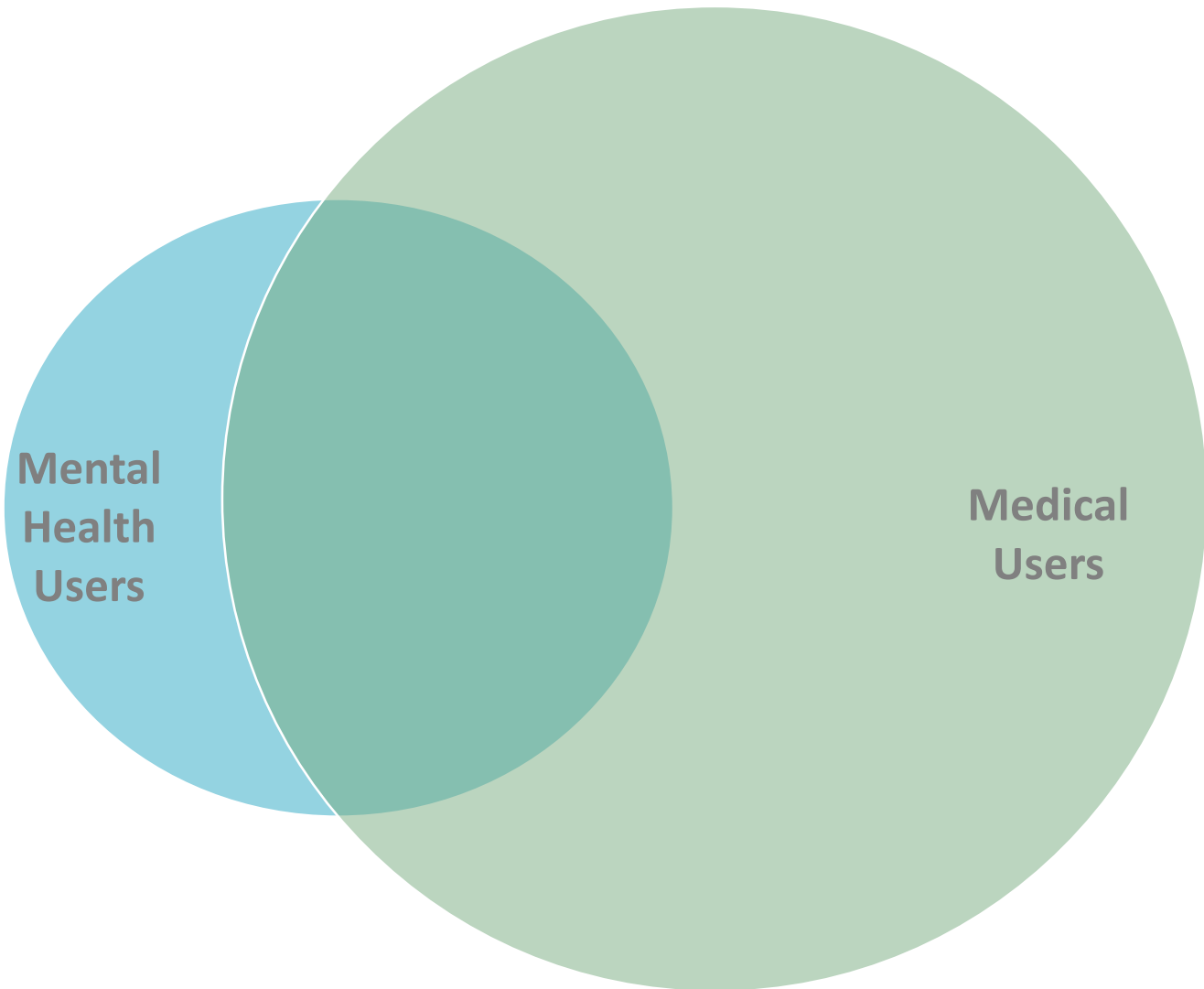


Unique Users and Visits

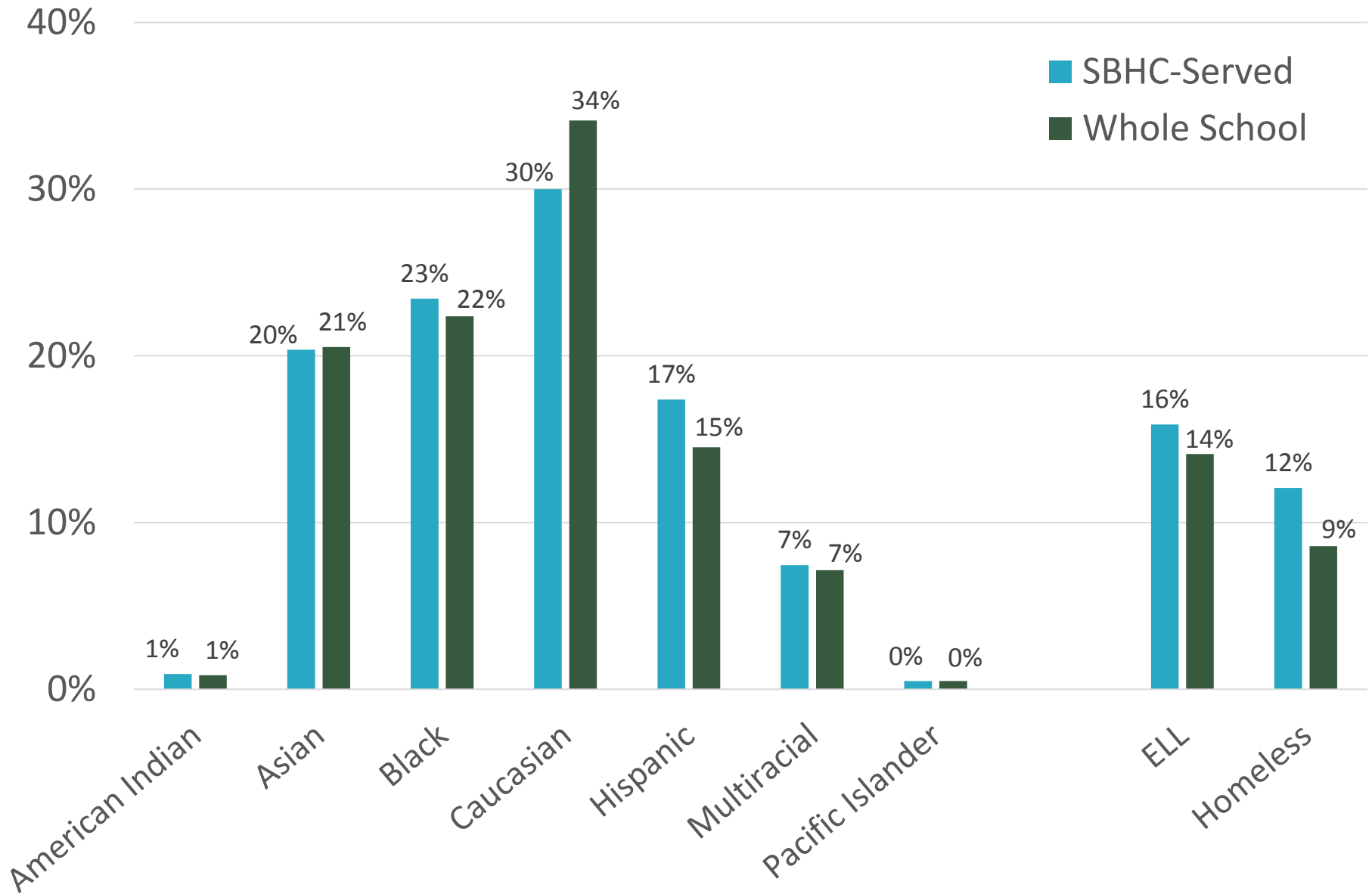


2016-17 School Year:
7,870 Individual students
38,875 Visits

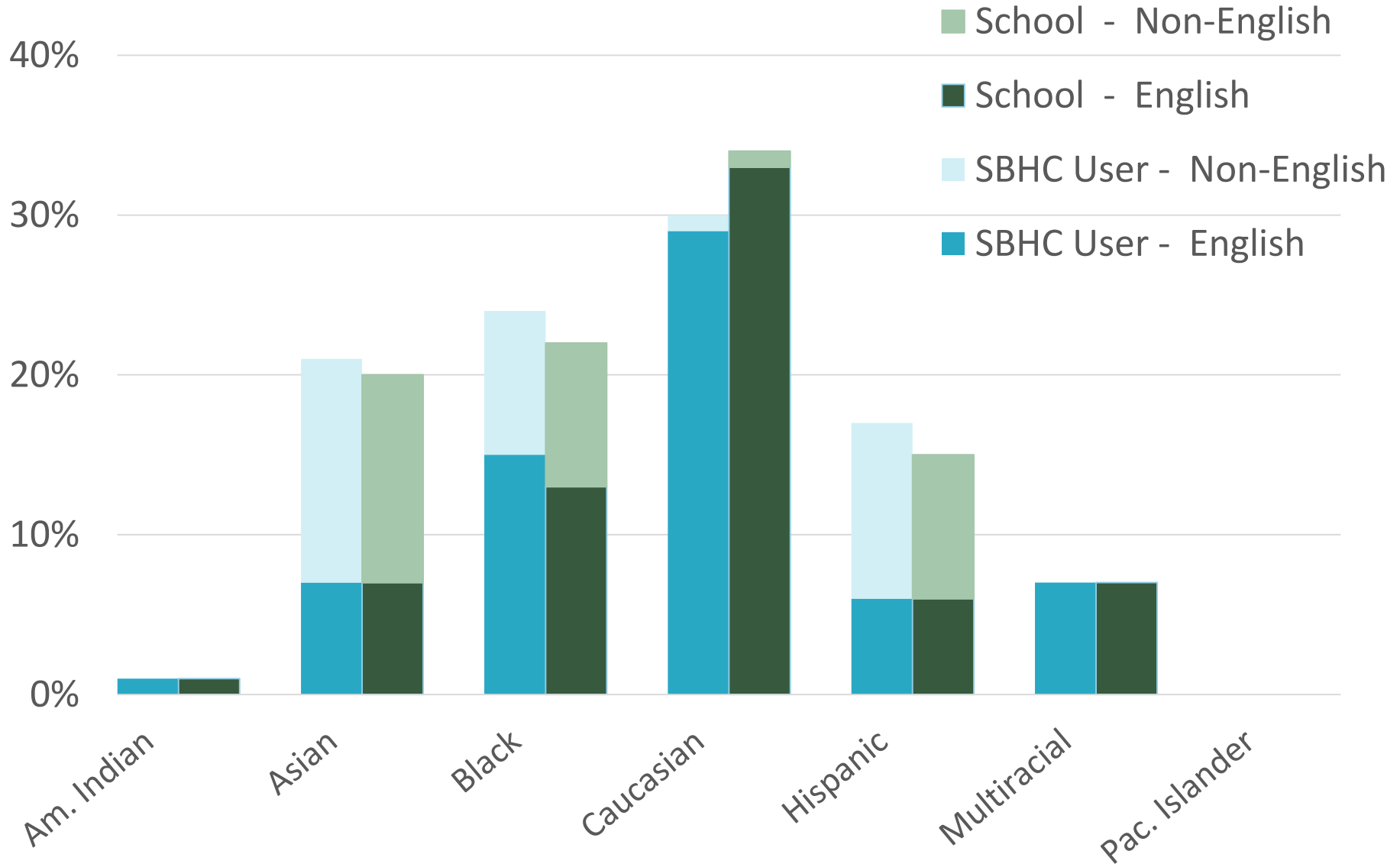
Collaborative/Integrated Care



Demographics: 2016-17 SBHC Users vs School



Race and Language Spoken at Home: SBHC Users vs. School



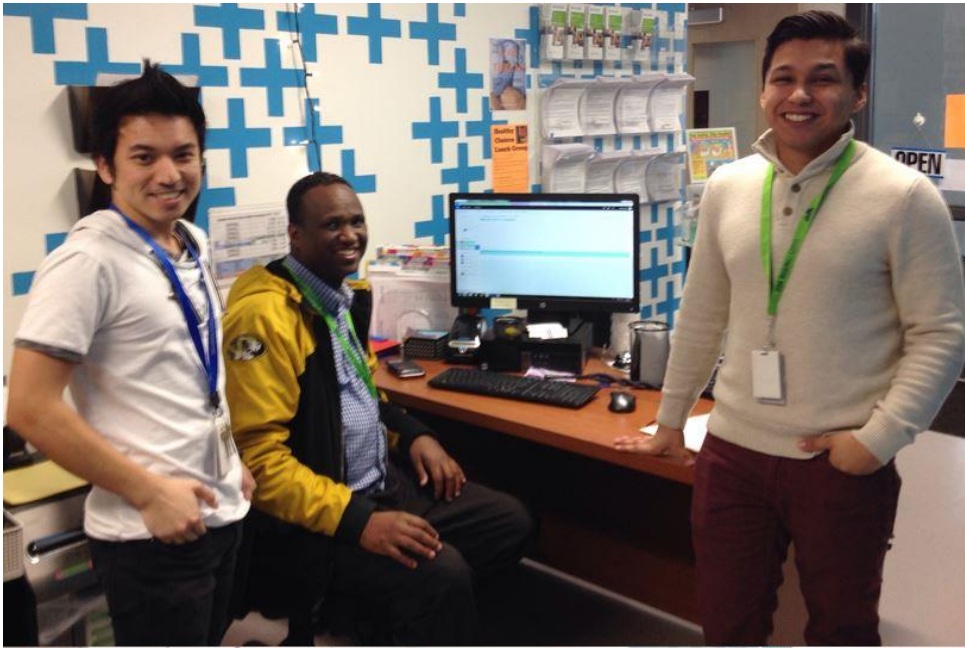
Academic Outcomes

Levy measures from 2012 through 2017 for students receiving SBHC services:

- Passing Classes:
 - 81-85% of middle schoolers
 - 67-75% of high schoolers
- <10 absences/year:
 - 63-72% of elementary students
 - 56-61% of middle school students
 - 48-49% of high school students

Additional analysis: *Students served by SBHC mental health services are more likely than those not served to have*

- *2+ disciplinary actions*
- *GPA of 2.0 and below*
- *10+ absences/year*



“Accessibility to services, particularly mental health services that are culturally sensitive and adolescent-focused, are crucial during the developmental years. Furthermore, there is overwhelming evidence that focusing on social-emotional issues positively impacts academic engagement and capability.”

A simple example of this: I regularly see clients who have had chronic attendance issues. Through individual therapy we are able to better understand their school avoidance and make plans to encourage going to school. After several weeks their attendance improves, they experience more success in the classroom, and school engagement is enhanced.”

- SBHC mental health provider

