# **Exploring Impacts of Housing**Assistance on Health

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### Disclaimer

I work under contract for HUD. Views expressed are my own.

"The connection between health and the dwelling of the population is one of the most important that exists"

Florence Nightingale





Taylor, Housing And Health: An Overview Of The Literature, Health Affairs <a href="https://www.healthaffairs.org/do/10.1377/hpb20180313.396577/full/">https://www.healthaffairs.org/do/10.1377/hpb20180313.396577/full/</a>

### Moving to Opportunity for Fair Housing Demonstration Program

**Final Impacts Evaluation** 

From 1994-1998, there were 4,498 families in public housing randomized to one of three arms:

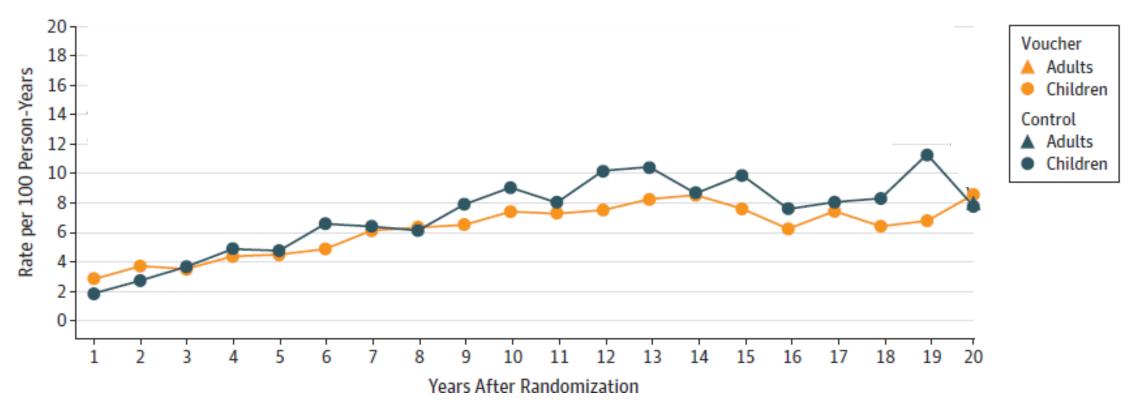
- 1) Control group
- 2) Traditional Section 8Voucher
- 3) Low Poverty Voucher



U.S. Department of Housing and Urban Development | Office of Policy Development and Research

### Rates of hospitalizations over time for children

#### Adults and children



JAMA | Original Investigation

Association of Receipt of a Housing Voucher With Subsequent Hospital Utilization and Spending

JAMA. 2019;322(21):2115-2124. doi:10.1001/jama.2019.17432

# Research question

• What is the impact of receipt of a housing voucher on health care use among adults and children compared to those on the waitlist?

# Difference-In-Differences Estimation 107 Intervention Effects Voucher group Constant difference in outcome Outcome Waitlist group

Post-treatment

12

Pre-treatment

### Considerations

- Relationships take time
- Data sharing agreements take longer
  - Johns Hopkins IRB
  - Washington State IRB
  - Washington Health Care Authority
  - King County Housing Authority
  - Seattle Housing Authority
  - Public Health Seattle and King County
- Waitlist consent as key





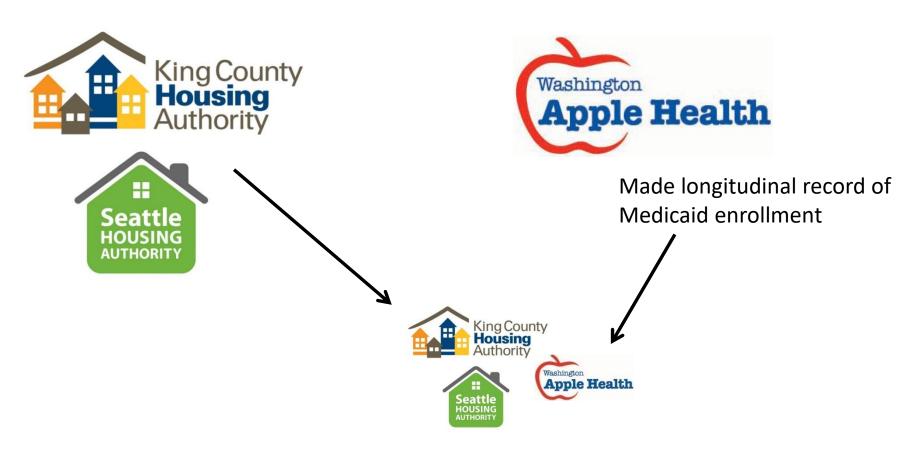
Alastair Matheson Epidemiologist alastair.matheson@kingcounty.gov



#### **Overview**

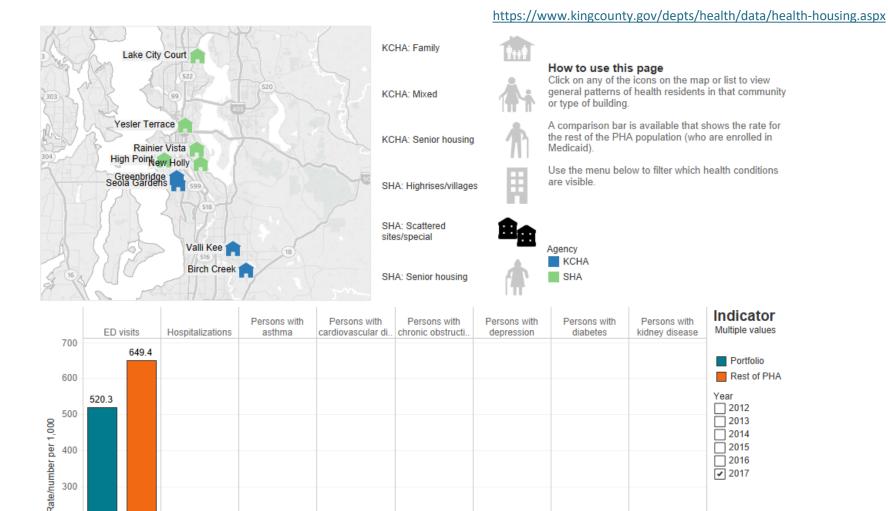
- Recap of Medicaid linkage work
- The impact of adding Medicare
- Future plans

### Previous linkage overview



- Created joined, longitudinal file
- Defined health conditions within claims data

#### Flexible dashboard to view data



183.0

70.2

33.8

47.0

123.5

26.8

Housing data: King County Housing Authority and Seattle Housing Authority, Medicaid data; WA State Health CareAuthority (HCA). This data product has not yet been reviewed or approved by HCA.

62.0

67.9

67.6

41.2

59.7

112.4

300

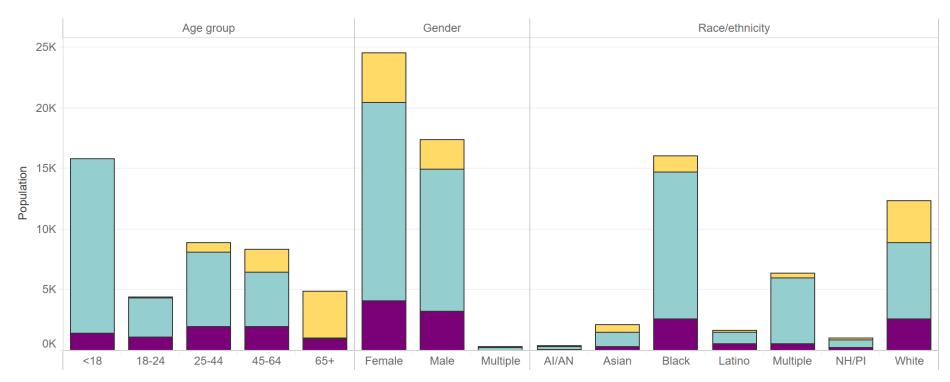
200

100

Prepared by Public Health-Seattle & King County, 10/2018

58.2

### Why add in Medicare?



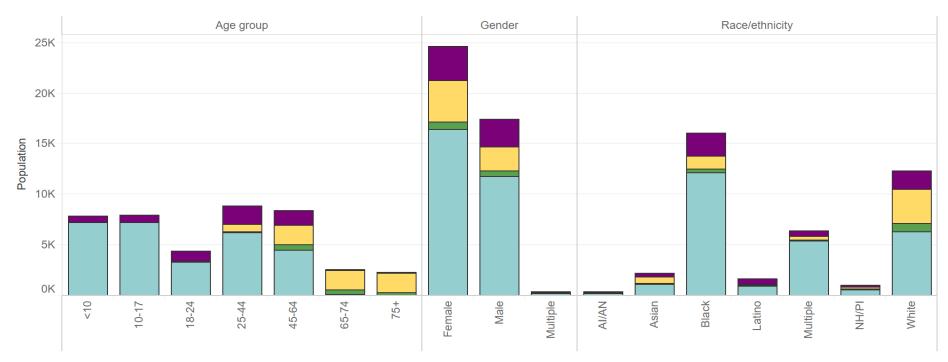
Housing and dual elig

Medicaid and Medicare and housing (dual eligible)

Medicaid and housing, not dual eligible

Housing only, not in Medicaid

# Almost full information for older PHA residents



Housing and dual elig

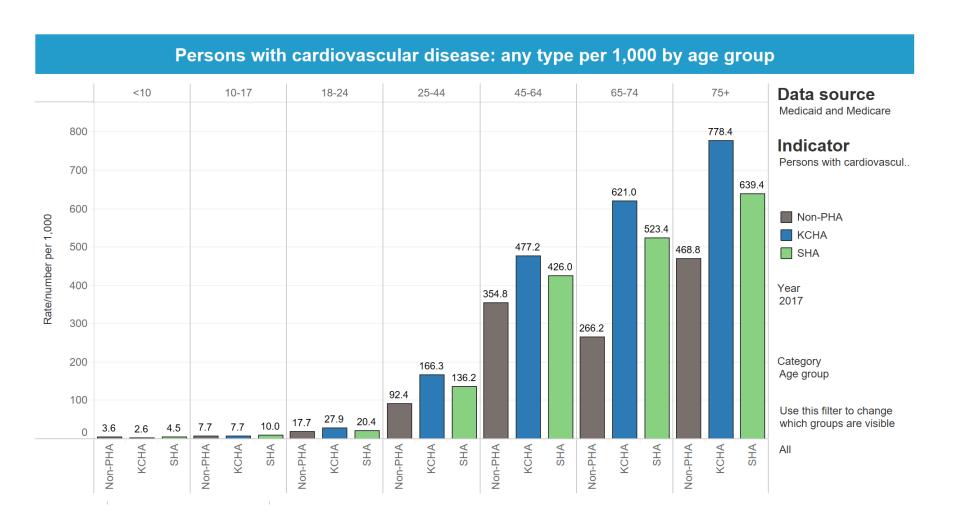
Housing only, not in Medicaid/Medicaid

Medicaid and Medicare and housing (dual eligible)

Medicare and housing, not dual eligible

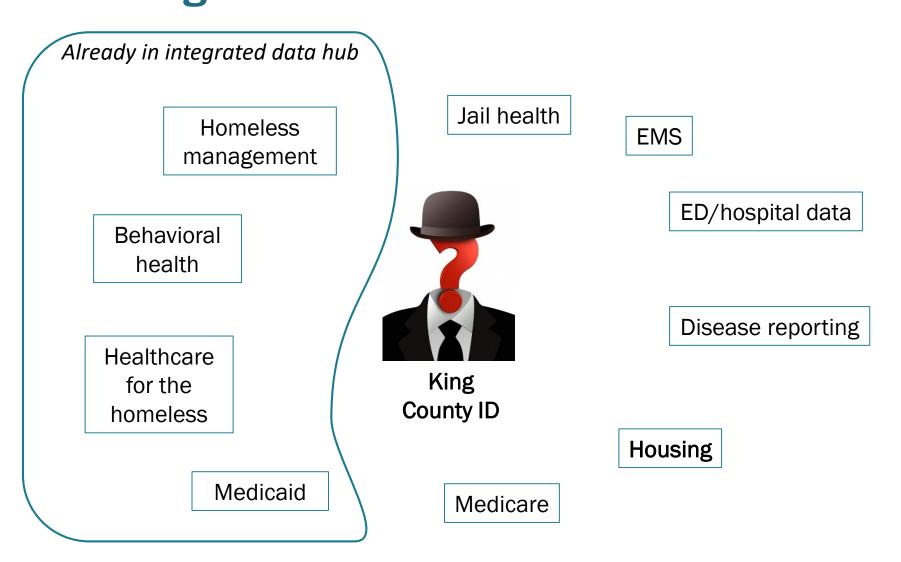
Medicaid and housing, not dual eligible

# Older populations drive health care use and costs



### Future plans: add to county-wide identity matching?

Would require a new DSA and a change to data stewardship



### Thank you

https://www.kingcounty.gov/depts/health/data/health-housing.aspx

Support for this research was provided by the Robert Wood Johnson Foundation.

The views expressed here do not necessarily reflect the views of the Foundation.

The data products shown have not yet been reviewed or approved by the WA Health Care Authority.

# HOUSING AND HEALTH

June 2020







# Making Use of Data



### Broaden our understanding

- Further analysis of the existing data
- Combine data with community knowledge
- Long-term planning to link additional datasets (e.g. HMIS)



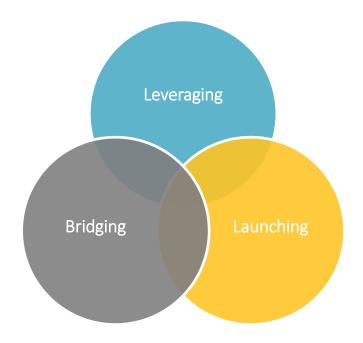
### Inform future direction

- Existing and new partnerships
- Health-housing strategies





# Connecting Health and Housing



Leveraging private, philanthropic, and community resources

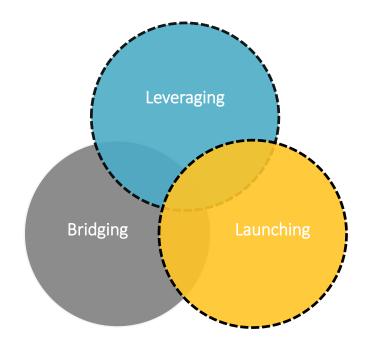
Bridging and connecting residents to the healthcare system

Launching and evaluating evidence-based interventions





# Connecting Health and Housing



Leveraging private, philanthropic, and community resources

Bridging and connecting residents to the healthcare system

Launching and evaluating evidence-based interventions





### LAUNCH: Housing Outreach Partners



Behavioral health co-location at public housing properties designated for seniors and people with disabilities



Four regionally-positioned teams made up of a mental health counselor and peer support specialist in addition to a PHA-dedicated registered nurse and substance use disorder professional



Outreach, engagement, linkage to care, and acute, non-crisis response





# LEVERAGE: Foundational Community Supports



Supportive housing Medicaid benefit



Housing search and housing stability services are billed to Medicaid by service provider partner



To be eligible, must have a health need and meet a risk factor, such as chronic homelessness, high medical service utilization, or recent institutional care





# Thank you!

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### Housing and Health Innovation Partnership

HHIP works to strengthen and expand integrated housing, services, and treatment options for people with complex behavioral and/or physical health conditions









### What's the problem?

- Housing, homeless services, physical health, behavioral health, and long-term care are broken into silos that are difficult to align
  - Massively complex systems with different rules and aims serving the same people
- Nonprofits don't always have the capacity to wrangle multiple funding sources and overcome policy and system barriers
  - Often leads to programs developed around single funding source
- ▶ Behavioral and physical health funding sources pay for limited engagement
  - Leaves gap for people whose complex issues prevent engagement

### How Can HHIP Help?

- Additional capacity
  - Help coordinate multiple partners and funding sources
    - ► Neutral party rather than self-interested ask
  - Provide start-up costs until program is sustainable
    - ► HHIP Fund at the Community Foundation
  - Take on some of the policy and system barriers

# **Expanding Supportive Housing Options**

- ► Pairing 200 VHA rental vouchers with Foundational Community Support Medicaid housing services
- ▶ 150 new supportive housing apartments in development





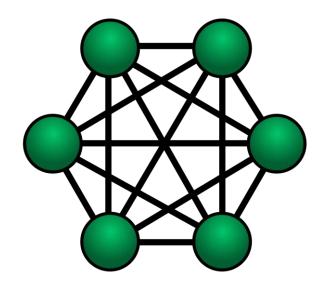
# Strengthening and integrating services

- Personal care services
- Bridging divide between property management, support services, and health
- Harm reduction funds



### What are we working toward?

A network of housing, services, and treatment for people with complex behavioral and physical health conditions that provides choice whenever possible, includes a housing option no matter a person's history or present behavior, and is connected to short-term options that prevent evictions and avoid housing gaps.



### Housing and Health Innovation Partnership

# Thank you!

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Foundational Community Supports: Integration of Supported Employment Services Yakima Housing Authority Health Initiative

### Supported Employment Overview

- Foundational Community Supports (FCS) program
- Aligning employment services and local resources
- Provide individualized person-centered support to clients
- Attain financial sustainability for the agency
- FCS supported employment services provides purpose and structure for individuals experiencing behavioral health challenges
- Individuals can reach stability in their health, housing, and employment with the right supports



# Individual Placement and Support (IPS) Model of Supported Employment

#### Evidence-Based Supported Employment (SE) Principles

- Competitive employment
- > Service Integration
- > Zero Exclusion
- > Attention to interests
- Benefits Counseling
- > Rapid job search
- Systematic job development
- Long-term individualized support
- Support Employment Fidelity Scale



### Supported Employment Program: Integration & Alignment

- Family Self-Sufficiency Program
  - Direct supportive service
  - Increase staff capacity & time
  - New revenue stream
- Supported Employment Outcomes
  - Individuals with complex health needs
  - > Improved job retention
  - Housing stability
- Next Steps



# Washington State Health Care Authority

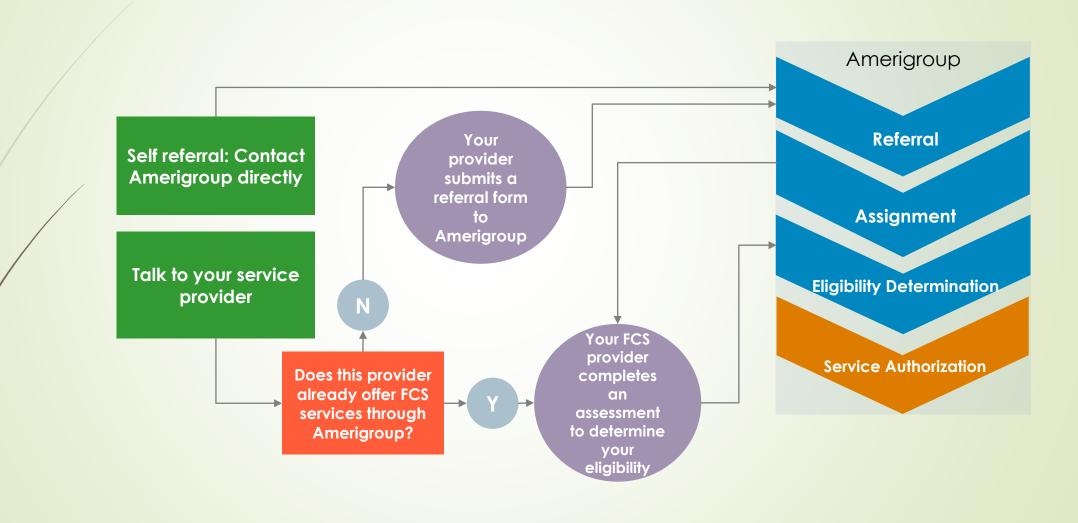
- Ongoing Training & Technical Assistance
- Online Resources & Documents
   www.pathwaystoemployment.wa.gov
- Technical Assistance Collaborative, Inc. (TAC)
- Telehealth Supports in lieu of in-person supportive services
  - Provider ZOOM Accounts (HIPAA & 42 CFR Compliant)
  - > Free cellphones with prepaid plans for clients
  - Laptop loaners for Supported Employment Specialist

# Amerigroup Washington, Inc. Third Party Administrator (TPA)



- Contracting & Credentialing (30 Days)
  - Amerigroup TPA provider agreement
  - Facility provider application
  - National Provider Identification registry & number https://nppes.cms.hhs.gov/#/
  - Medicaid ID Provider One Number & Portal Access (Non-billing Organization) https://www.hca.wa.gov/billers-providers/apple-health-medicaidproviders/enroll-provider.
  - Claim submission via a clearinghouse (Availity)

### FCS Referral Process



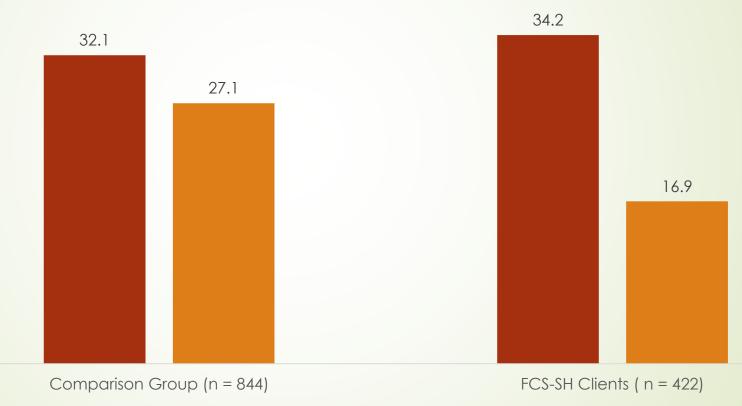
# FCS Program: Preliminary Evaluation Findings

- 1. Relative to a matched comparison group, persons enrolled in supported employment services experienced statistically significant improvements in employment rates, earnings, and hours worked.
- 2. Enrollment in supportive housing services was associated with significant or promising increases in transitions out of homelessness.
- Supportive housing services were associated with promising reductions in outpatient (OP) emergency department (ED) and inpatient (IP) utilization for Medicaid beneficiaries with behavioral and physical health care needs served through the HCA.





Adjusted Difference-in-Difference = -12.4 p = 0.06



**SOURCE: RDA Integrated Client Databases** 

#### **Thank You!**

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