

Health in Housing

The intersection between
housing and health care

National Safe & Healthy Housing Coalition Webinar
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**Center for Outcomes
Research and Education**



Research Questions



What is the effect of stable, affordable housing on health care outcomes in a low-income population who has experienced housing instability?

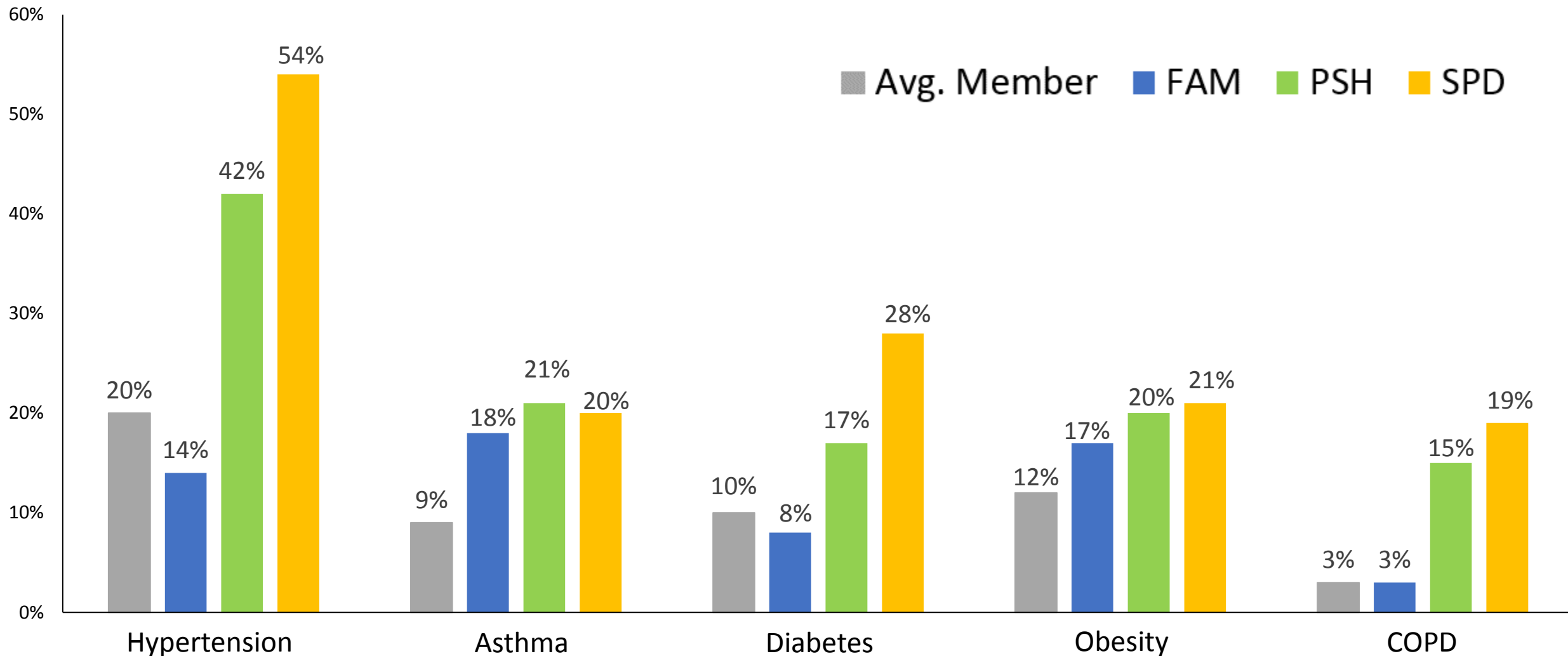


What role do integrated health services play in health care expenditures and quality?

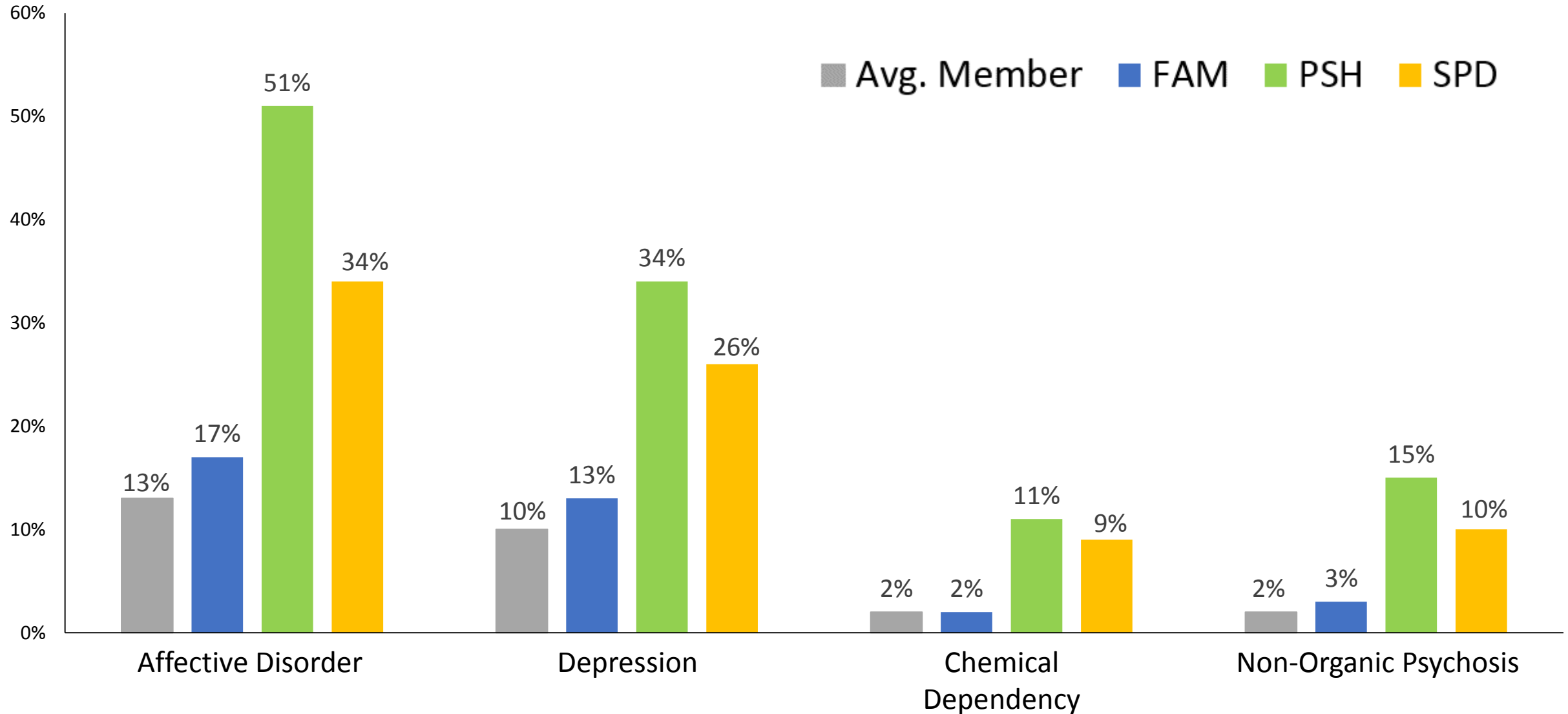
What's different about this study

- Uses claims data to assess health care costs and utilization
- Looks across several different affordable housing types
- Looks at the effect of integrated health services
- Analysis of impact in a Medicaid plan that serves more than 10,000 residents in major metropolitan area

Prevalence of physical health diagnoses (claims data)

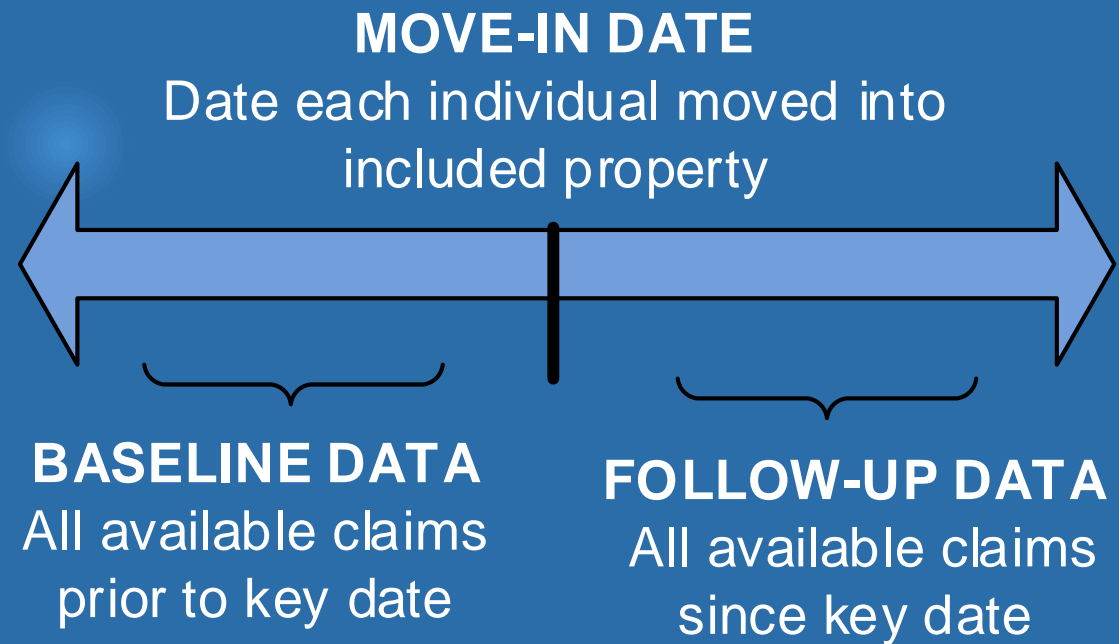


Prevalence of behavioral health diagnoses (claims data)



Analyzing changes in health care cost & utilization

- Medicaid claims of 1,625 residents
- Includes all physical, behavioral, mental, and dental claims



KEY FINDING

Health care costs went down significantly


Per member, per month costs

Before move-in: \$ 386

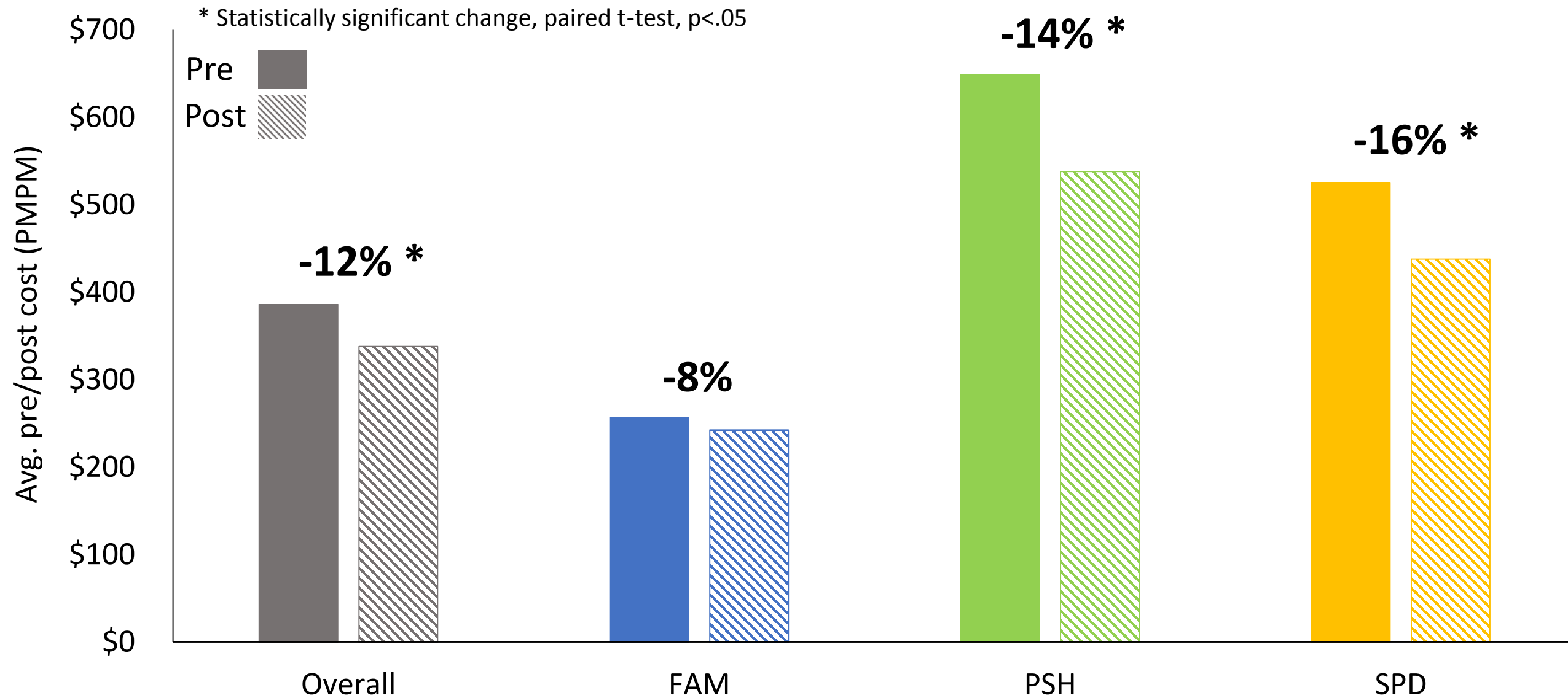
After move-in: \$ 338

 \$ 48

Overall Cost Reduction: **12%**

Extrapolated annual cost reduction:
 \$936,000 a year across 1,625 residents

Costs down across all housing types



KEY FINDING

Residents used health services differently when they had housing

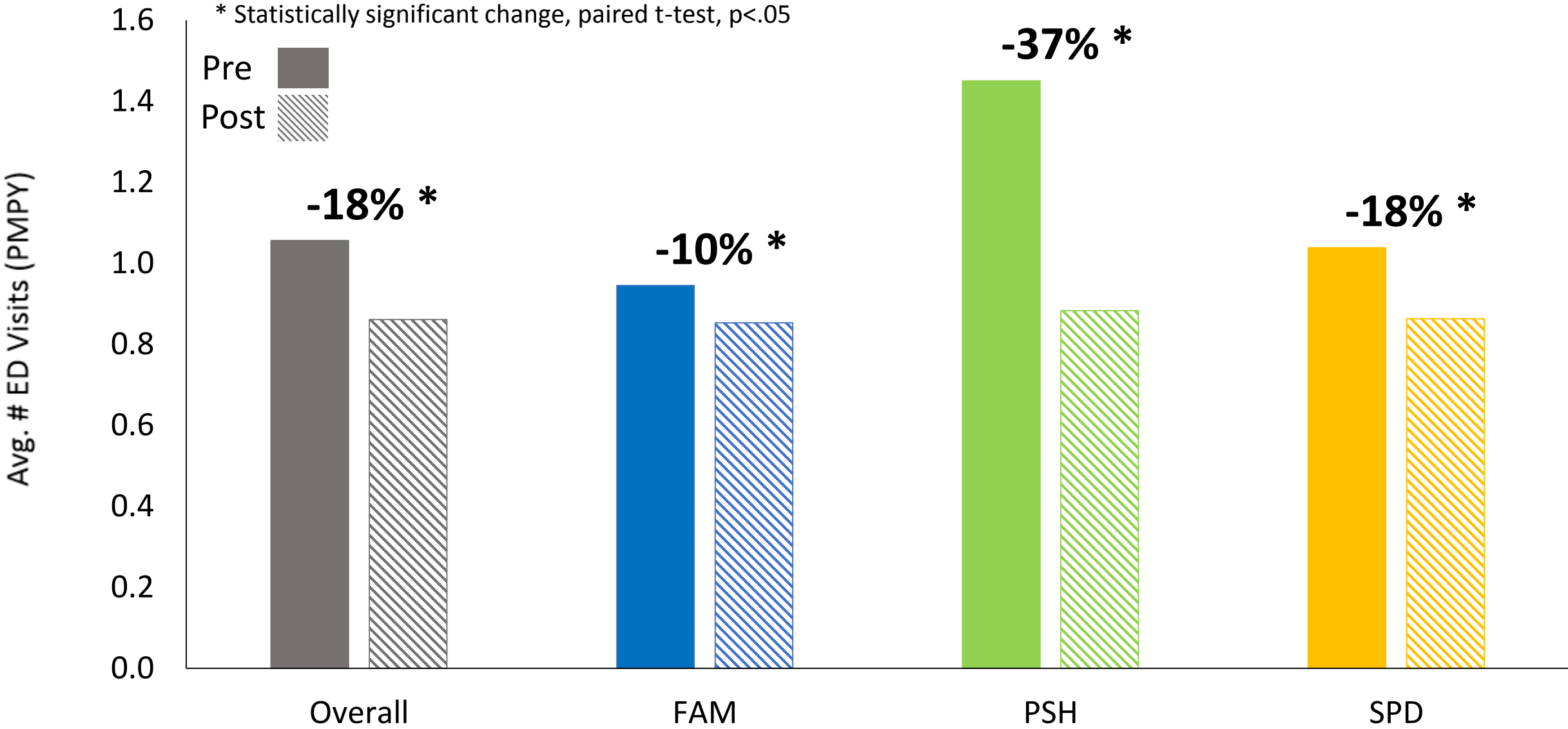


Emergency
Department
-20%

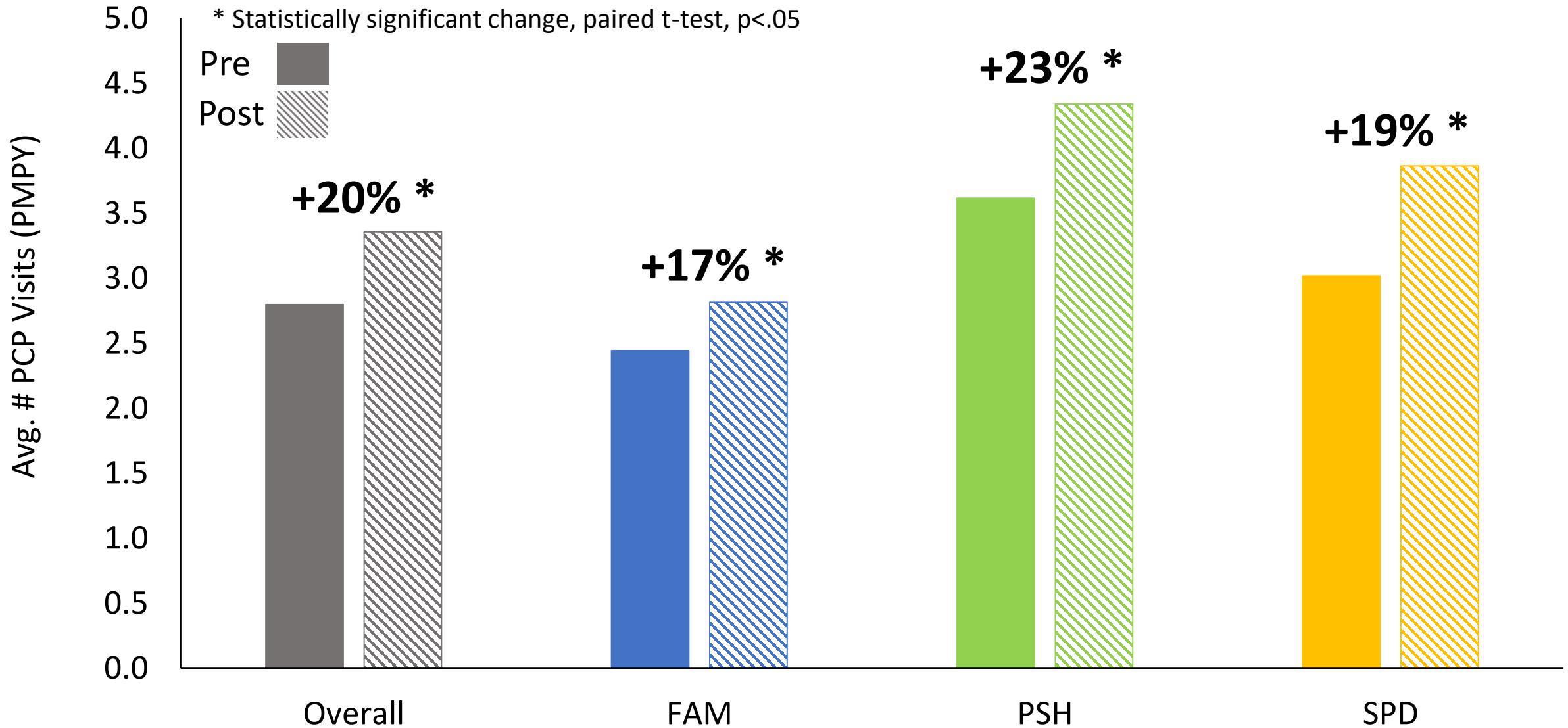


Primary
Care
+18%

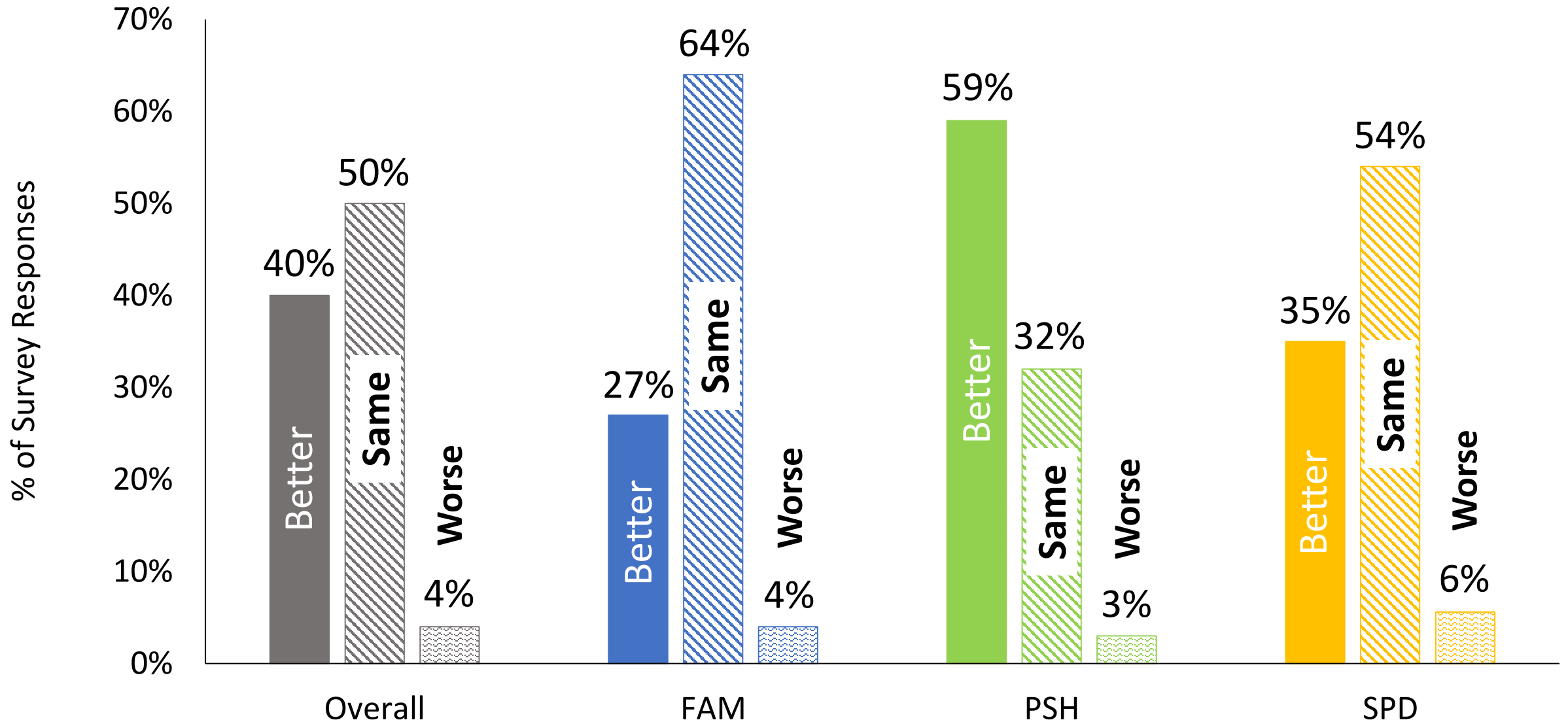
Emergency Department use down across all housing types



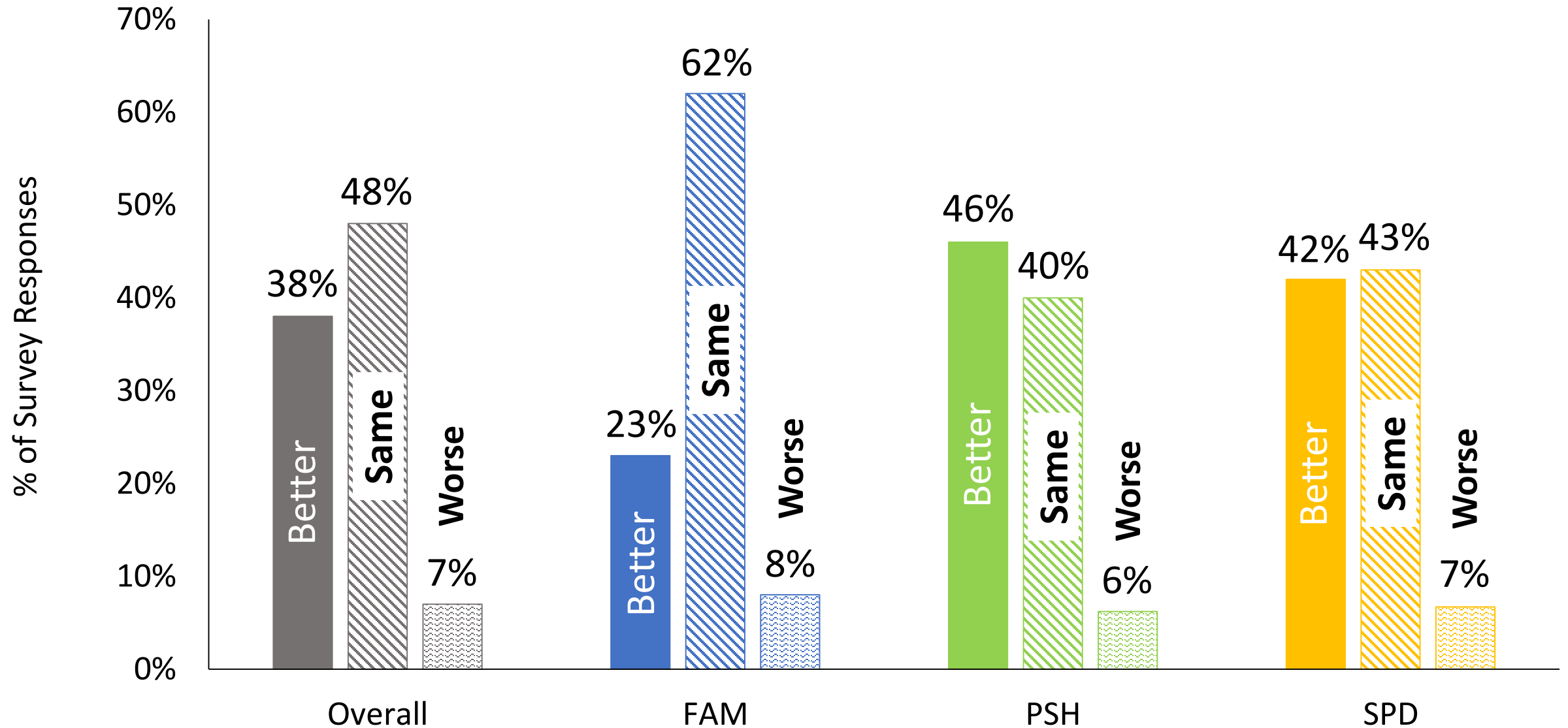
Primary care visits up across all housing types



Ability to get care same or better across all housing types



Quality of care same or better across all housing types



Analyzing impact of integrated services

- Bucketed staff and services into three categories to assess impact
 - Health Staff & Services – Includes medical, mental health, and dental staff and services
 - Social Staff & Services – Includes Social Workers, Community Health Workers, Health Navigators
 - Wellness Staff & Services – Includes food/cooking services, fitness services and other residential activities
- Utilized multivariate regression models to measure impact of each service category

KEY FINDING

Integrated health services drove outcomes

...even though awareness was low

Adjusted impact of health services

Expenditures  \$ 115 per member per month

ED Visits  0.43 visits per year

Awareness of select services

Medical 33%

Mental Health 26%

What's Next?

Work with the Oregon Health Authority on its Medicaid 1115 Waiver. The draft waiver includes Medicaid funds for a targeted number of at-risk adults, families, and adults eligible for both Medicare and Medicaid programs including:

- Homelessness prevention - care coordination at exit
- Tenancy supports – 1st/last month rent
- Housing sustaining services – eviction prevention
- Incentivize CCOs to use Flexible Benefits Funding by considering them “health related expenses” rather than administration expenses

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