





# SNAP Access: Improving Seniors' Health Outcomes

Reduce Nursing Home & Hospital Admissions by Meeting Basic Needs

The 2017 Maryland Food Access and Nutrition Network (MFANN) Conference

October 24, 2017

@BeneDataTrust #SDOH #SeniorsOnSNAP #SIE4Health





#### SERVICE DELIVERY MODEL





#### The Problem: Seniors Basic Needs Aren't Met



What We Spend On Being Healthy



**88%** of US healthcare expenditures are spent on **medical care** alone, but:

- 10% is attributed to medical care
- 70% is attributed to behavioral and socio-economic factors

### The Research Collaboration

**Benefits Data Trust** 

The Johns Hopkins School of Nursing

The Hilltop Institute at UMBC

Maryland Department of Human Services

Maryland Department of Health

**Robert Wood Johnson Foundation** 

(Links to the original research: the first on hospitals and the second on nursing homes)













# The Study Hypothesis

Access to Supplemental
Nutrition Assistance
Program (SNAP) food
assistance

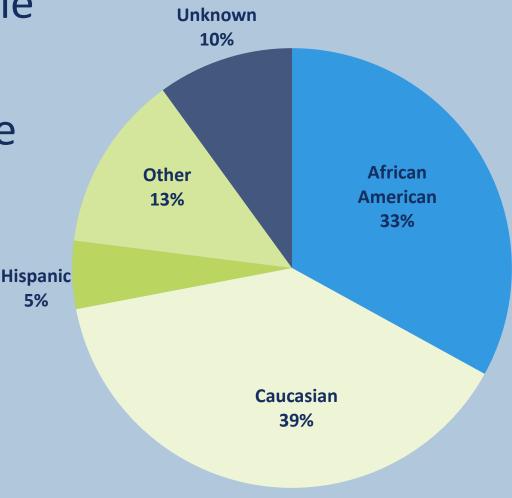
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Improved health outcomes and reduces healthcare costs



## The Study Population

- 68,956 dual-eligible adults 65+
- Nearly 70% female
- At least 2 chronic conditions



## Deep Poverty

Average annual income approximately

\$5,800











## The Findings: Seniors on SNAP

After just one year...

Odds of nursing home admission: -23%

Odds of hospital admission: -14%

Shorter stays in both settings if admitted

## **Benefits Utilization**

- 47% SNAP enrollment
  - Average monthly benefit of \$117

- 21% LIHEAP enrollment
  - Average annual benefit of \$339

### What We Can Save

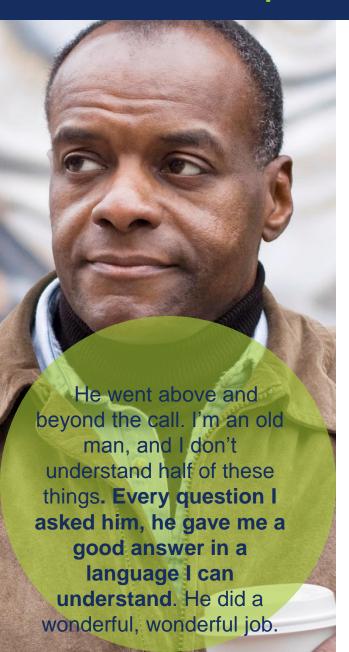
If all non-SNAP participants from sample were enrolled:

• \$34 million savings from nursing homes

\$19 million savings from hospitalizations



### Research Implications for Low-Income Seniors

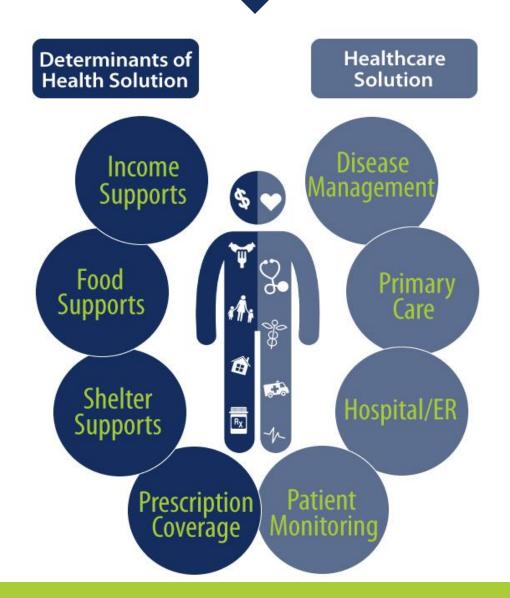


 Over 5.5 million eligible low-income seniors not enrolled in SNAP

 Seniors average SNAP amount: \$1,400/ year



## Comprehensive Solutions





## Connect with Us!

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### Citations

#### **Our New Studies Cited:**

- Samuels, L. et al. "Does the Supplemental Nutrition Assistance Program Affect Hospital Utilization Among Older Adults? The Case of Maryland." *Population Health Management*. http://online.liebertpub.com/doi/pdfplus/10.1089/pop.2017.0055
- Szanton, et al. "Food assistance is associated with decreased nursing home admissions for Maryland's dually eligible older adults." BMC Geriatrics. http://bmcgeriatr.biomedcentral.com/articles/10.1186/s12877-017-0553-x

#### Other Sources Cited:

- Bengle, Rebecca, et al. "Food Insecurity is associated with Cost-Related Medication Non-Adherence in Community-Dwelling, Low-Income Older Adults in Georgia," *Journal of Nutrition for the Elderly*, 29.2 (2010): 170-191.
- Berkowitz, Seth, et al. "Food Insecurity and Metabolic Control among U.S. Adults with Diabetes, "Diabetes Care, 36.10 (2013): 3093-3099.
- Bradley, E., et al., (2011). Health and Social Services Expenditures: Associations with Health Outcomes, *BMJ Quality & Safety.* 20(10), 826-831.
- Bradley, E., et al (2016). Variation in Health Outcomes: The Role of Spending on Social Services, Public Health, and Health Care, 2000-09, *Health Affairs* 35(5), 760-768.
- Health Impact Project, "Case Study: Low Income Energy Assistance Program," Accessed at <a href="http://www.healthimpactproject.org/resources/case-study-low-income-energy-assistance-program">http://www.healthimpactproject.org/resources/case-study-low-income-energy-assistance-program</a>
- Robert Wood Johnson Foundation, "Health Care's Blind Side: The Overlooked Connection between Social Needs and Good Health," December 2011. Accessed at <a href="http://www.rwjf.org/content/dam/farm/reports/surveys">http://www.rwjf.org/content/dam/farm/reports/surveys</a> and polls/2011/rwjf71795
- Sokol, Michael, et al. "Impact of Medication Adherence on Hospitalization Risk and Healthcare Cost," Medical Care, 43.6
   (2005): 521-530.
- Seligman, Hilary K, et al. "Food Insecurity is associated with Chronic Disease among Low-Income NHANES Participants,"
   Journal of Nutrition, 140.2 (2010): 304-310.