SNAP: Does it support health? Hilary Seligman MD MAS Professor of Medicine and of Epidemiology & Biostatistics, UCSF Food Policy, Health, and Hunger Program, UCSF Center for Vulnerable Populations Director, CDC's Nutrition and Obesity Policy Research and Evaluation Network Senior Medical Advisor, Feeding America March 12, 2020

I have no commercial conflicts of interest to disclose. Opinions expressed in this presentation are my own and do not necessarily reflect the opinions of NIH, CDC, USDA, or Feeding America.



Agenda

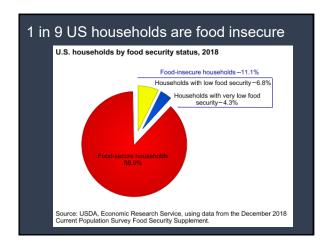
- Food insecurity and health
- Impact of SNAP on health
- If time: recent and proposed changes to the SNAP program



How can we make a meaningful DIFFERENCE in the clinic when we see patients so infrequently & for so little time?

- Food security: Access by all people at all times to enough food for an active, healthy life
- Food insecurity:
 Household-level economic and social condition of limited or uncertain access to adequate food





Risk Factors (Household-Level)

- Children (17%)

 - Children under age 6 (17%)Children with single mother (32%)
 - Children with single father (22%)
- Income <185% FPL* (32%)
- Black (23%) or Latino (19%)

Nearly 50% of US children and 90% of Black children used Food Stamps at some point during their childhood.

About 50% of US adults receive Food Stamps at some point between the ages of 20 and 65.

* FPL=federal poverty level (\$26,200 for household of 4 in 2020)

USDA, Coleman-Jensen, 2017; Rank, 2009

Hunger

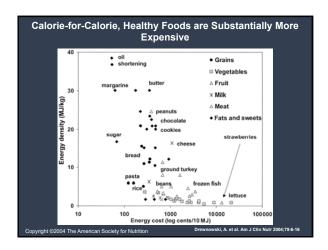
The uneasy or painful sensation caused by a lack of food, or the recurrent and involuntary lack of access to food. (LSRO)

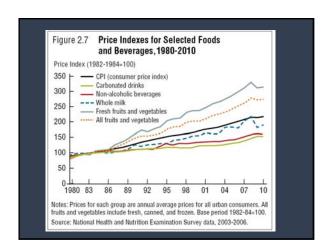


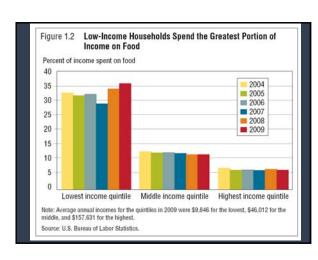
Coping Strategies to Avoid Hunger • Eating low-cost foods • Eating highly filling foods • Small variety of foods • Avoiding food waste • Binging when food is available • Higher risk of obesity, diabetes, & other diet-sensitive chronic disease • Once you are chronically ill, poorer ability to manage your illness









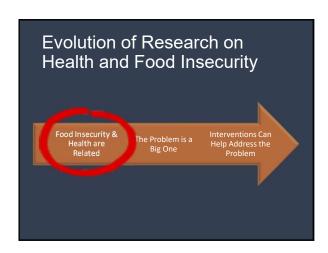


Food Costs, Dietary Intake, & Obesity

- Diet recommended by USDA requires low-income family spend 43-70% of their food budget on F&V's
- Increasing dietary potassium to meet 2010 USDA Dietary Guidelines for Americans would add \$380 to the average consumer's annual food costs
 - Meanwhile, each 1% additional calories from saturated fat and sugar results in significant decrease in food costs.

Consider IADA 2007 Managinais Harabh Affaire 2011

Food Affordability & Cost Time for Preparation Fear of Food Waste What is affordability? What is affordability? Time & S for Travel to Full-Service Store

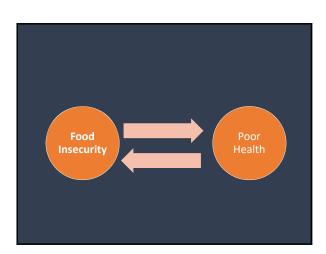


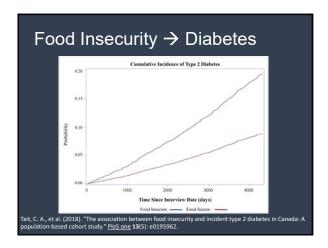


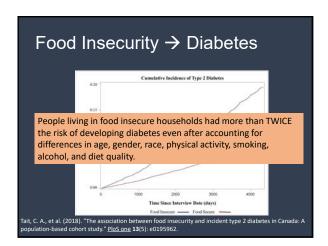
Across the Lifespan:

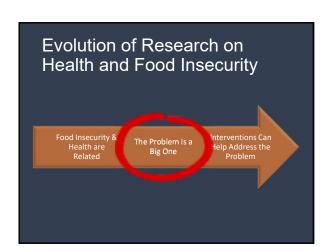
- Kids: anemia, behavioral problems, poorer mental health, poor cognitive development & academic achievement, hospitalizations, ?obesity
- Adults: obesity (women), diabetes, high blood pressure, heart disease, depression, poorer HIV outcomes, more hospitalizations, poorer mental health
- Elderly: reduced independence

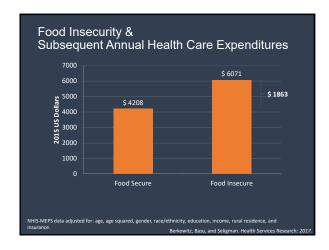


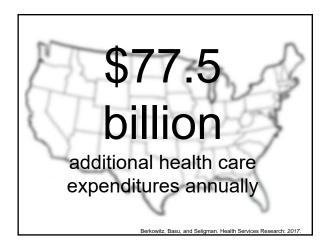








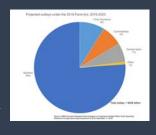


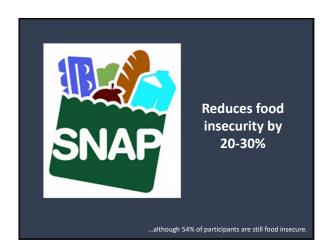


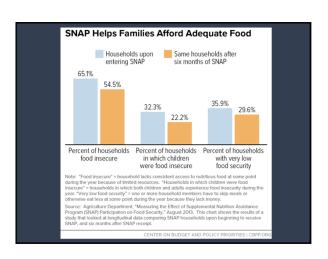


Supplemental Nutrition Assistance Program (SNAP)

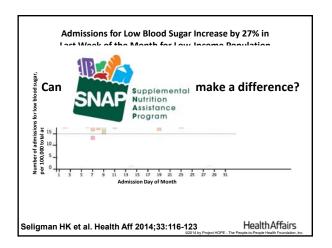
- Formerly called the Food Stamp Program
- CalFresh in California
- Electronic benefits transfer card (EBT)
- Allowable foods
- One of the largest antipoverty programs in the US





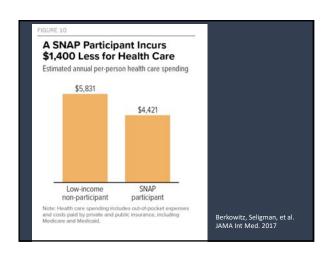


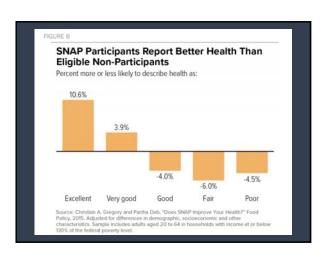
SNAP was designed to support food security. And it does. Does it also support better health? SNAP Supplemental Nutrition Assistance Program





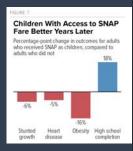






Children Exposed to SNAP are Healthier

- Healthier at birth
- Less likely to develop metabolic syndrome
- More likely to reach educational and academic potential
- More likely to become economically selfsufficient

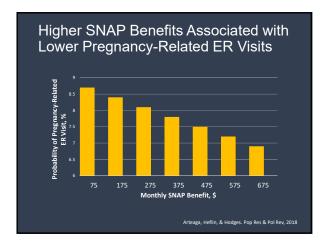


Hoynes H, Schanzenbach DW, Almond D. Long-Run Impacts of Childhood Access to the Safety Net. Am Econ Rev. 2016; 106(4):903-34

SNAP & Pregnancy Outcomes

- 20% of SNAP recipients are women of childbearing age
- Medicaid recipients in Missouri
- SNAP benefits later in month associated with reduced pregnancy-related Emergency Room visits

Arteaga, Heflin, & Hodges. Pop Res & Pol Rev, 2018



SNAP Benefits Also Reduce Child ER Visits for Asthma

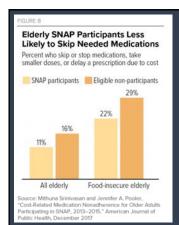
- Higher benefit levels associated with lower risk
 - \$275/month: probability of an ER visit for asthma is 5.73%
 - \$675/month: probability of an ER visit for asthma is 5.43%
- Mechanism partially through "cost-related medication non-adherence"?

Heflin, Arteaga, et al. Soc Sci & Med, 2019

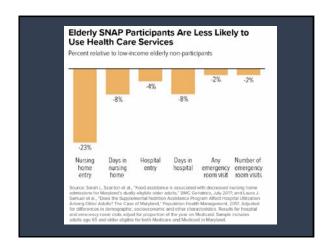
SNAP & High Blood Pressure Visits to Emergency Room

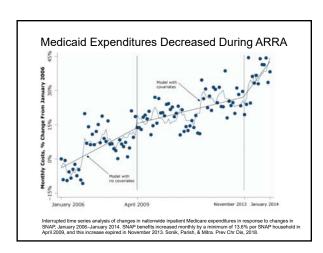
- As SNAP benefits increased, probability of an Emergency Room visit for high blood pressure decreased
 - \$100 increase in SNAP benefits will reduce HBP claims by 638 visits per 100,000
 - Especially pronounced at lower benefit amounts
- High blood pressure Emergency Room visits also likely to be partially related to "cost related medication non-adherence"?

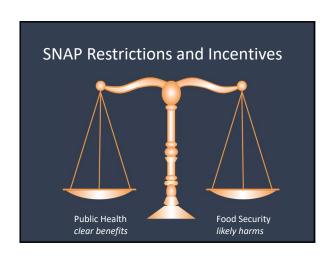
Ojinnaka & Heflin. Jl Am Soc Hypertens, 2018.

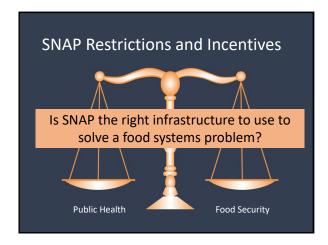


Among MFS, LFS, & VLFS older adults, SNAP reduces CRMN by 9.1%









Research on Health and Food Insecurity Food Insecurity & Health are Related The Problem is a Big One SNAP Can Help Address the Problem Problem

Important upcoming changes to SNAP at federal level

- Categorical eligibility (finalized)
- Work requirements (proposed)
- Cap deductions for utilities (proposed)
- Public charge (finalized)

\sim 1				114
('atec	ıorıcal	مااد	וחווי	litv.
Categ	ulluai	CIIC	וטוג	IILV

• Eligibility for one program confers automatic eligibility for other programs, eg SSI→SNAP, TANF→SNAP, Medicaid→SNAP

Work Requirements

- "Able-bodied adults without dependents" (ABAWDS)
 Benefits for only three months during a three-year period, unless they certain "work requirements" or meet exemption
 - Work requirements = 20 hours per week or an average of 80 hours per month
 - Beginning September 1, 2018, CalFresh recipients in San Francisco, San Mateo, and Santa Clara
- Farm Bill that took effect 2018 did not expand work requirements
- However, USDA proposed a rule to eliminate the flexibility states have to waive time limits on SNAP in areas with low employment availability

Utility deductions

- Cap allowable income deductions for utility expenses
- Eliminates eligibility for some, reduces benefit levels for some, increases benefit levels for
- Regulatory, rather than legislative, efforts

•	
-	
-	

Public Charge: History

- Public charge" test has been a part of federal immigration law for decades

 - Identifies people who depend on government benefits as their main source of income
 Can be refused permission to enter US (visa) and/or refused green card (lawful permanent residence)
- Does not apply to: refugees/asylees, green card holders (lawful permanent residents) applying to become US citizens
- Under current policy, the only benefits taken into consideration are cash assistance: SSI, TANF, and government-funded, long-term institutional care

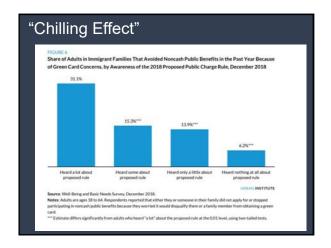
NB: I am not an immigration lawyer!

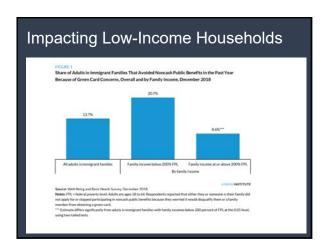
Public Charge: Changes

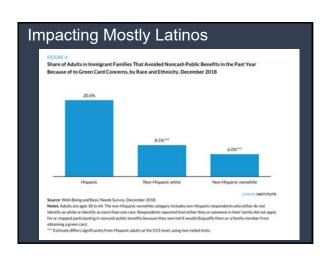
- Definition changes from someone relying on government as main source of support to someone who participates in government support programs, even if they are
 - Expands benefits considered to those that are not cash assistance: SNAP, Medicaid (MediCal), Medicare Part D, Section
 - S Housing (CHIP was considered as well)
 Gives negative weight for children, seniors, poor health, limited education, LEP, poor credit history, large family, and low income (<250% FPL)
- In effect as of February 24, 2020

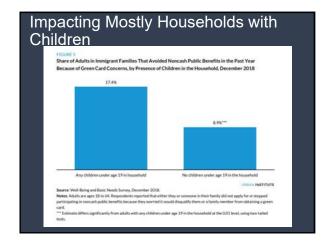
NB: I am not an immigration lawyer!

"Chilling Effect" Flocini.a. Share of Adults in Immigrant Families That Avoided Noncash Public Benefits in the Past Year Because of Green Card Concerns, by Household Citizenship and Immigration Status, December 2018









Important upcoming changes to SNAP at federal level

- Categorical eligibility (finalized)
- Work requirements (proposed)
- Cap deductions for utilities (proposed)
- Public charge (finalized)

Estimated Impact (Urban Institute)
3.7 million participants lose benefits
2.2 million households see benefits drop by > \$127/month
Almost 1 million kids lose school meals
About 1 million more food insecure people

Conclusions

- Food insecurity and health are tightly connected
 - Short-term and long-term health implications
- SNAP reduces food insecurity and also the health impacts of food insecurity
- Proposed reductions to SNAP benefits are likely to result in poorer health and increased health care expenditures