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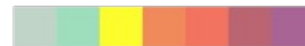


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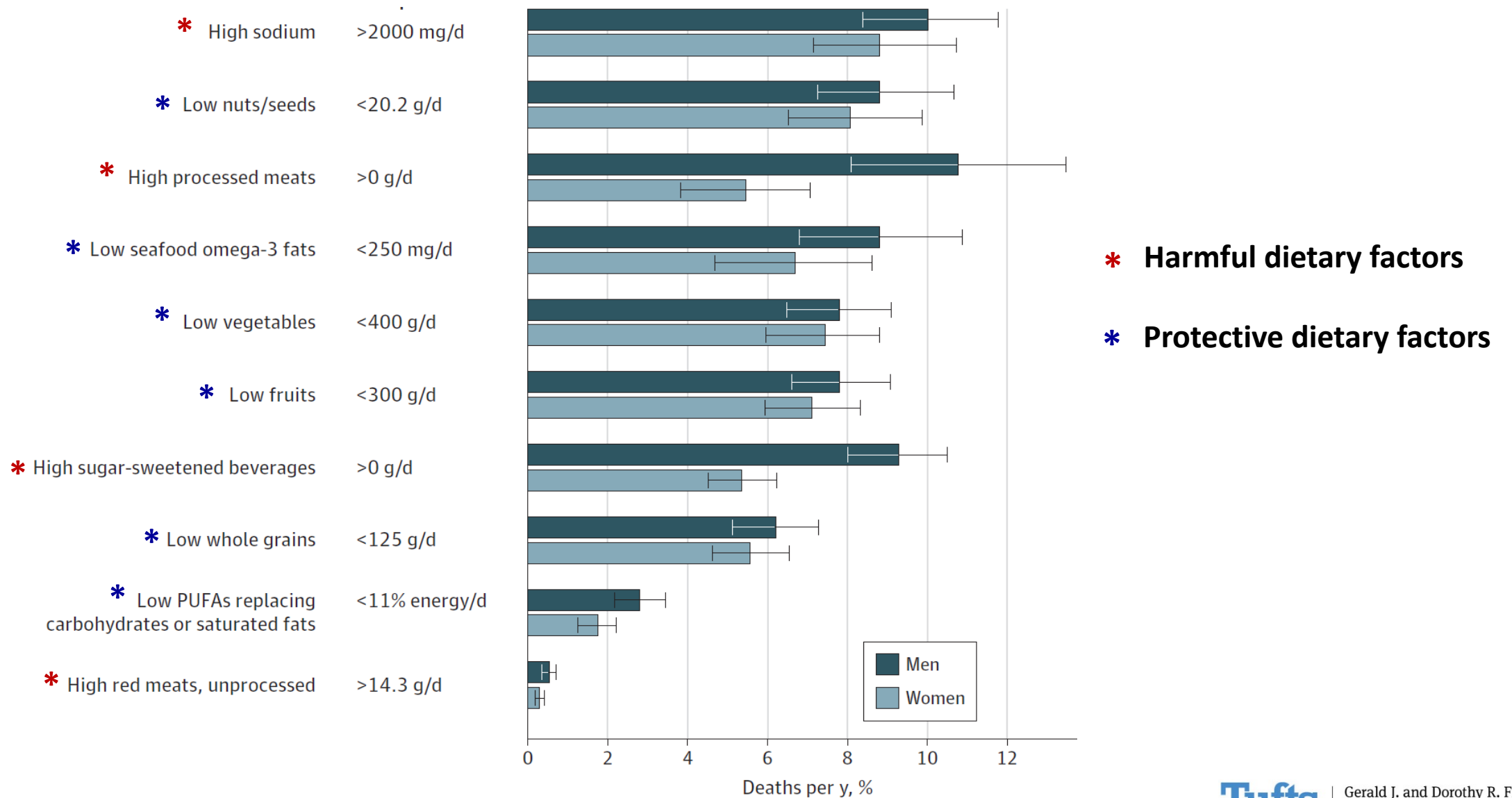
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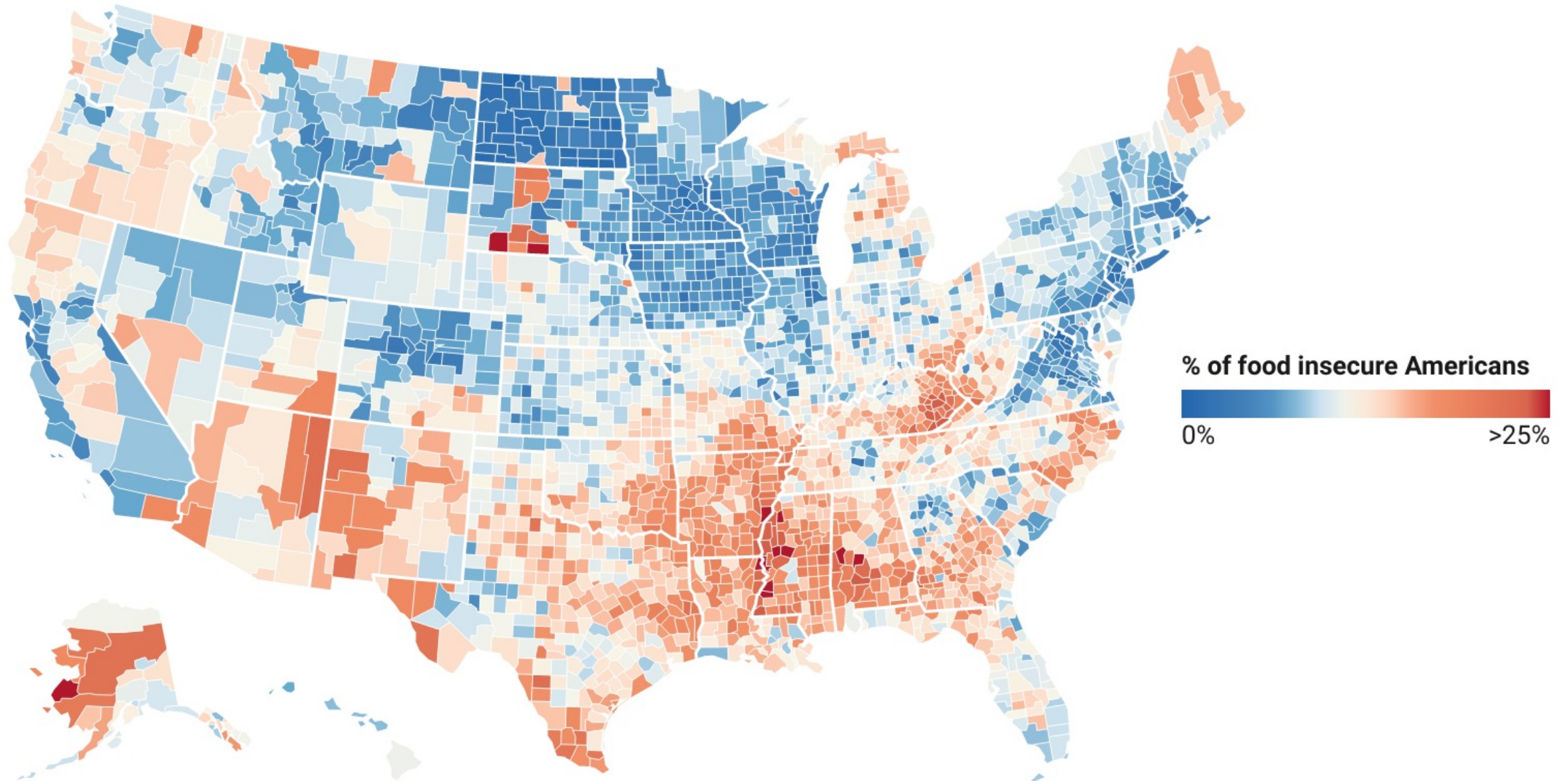
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Nutrition Insecurity and Cardiometabolic Deaths in the U.S.



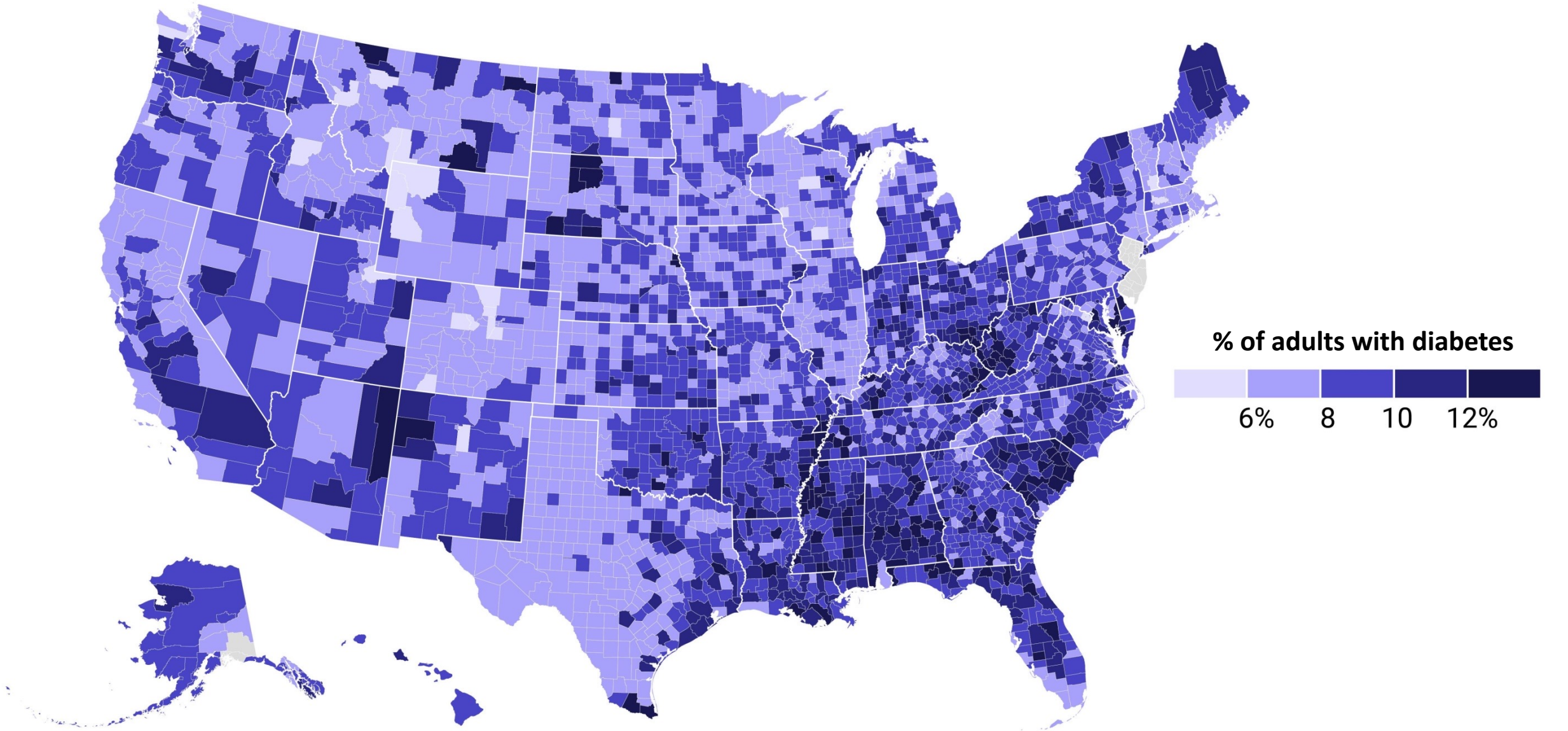
Micha et al., JAMA 2017

Food Insecurity in the United States



USDA (map by Jeremy Ney)

Diabetes in the United States



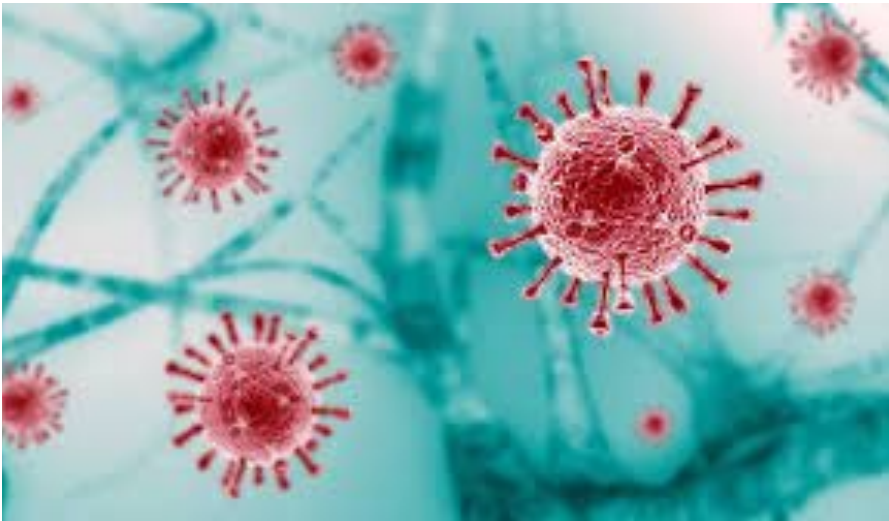
U.S. Centers for Disease Control and Prevention

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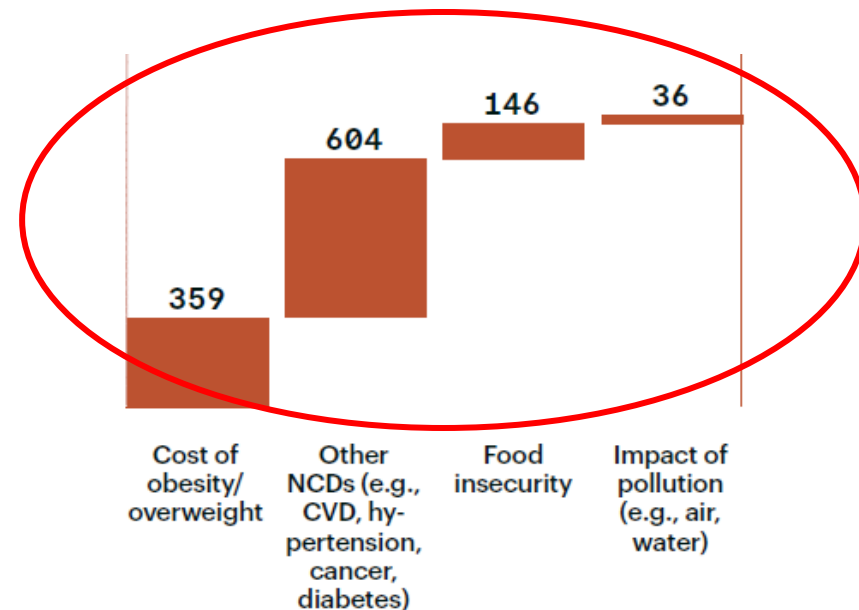
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Food & Nutrition Insecurity: Dire Societal, Economic Costs

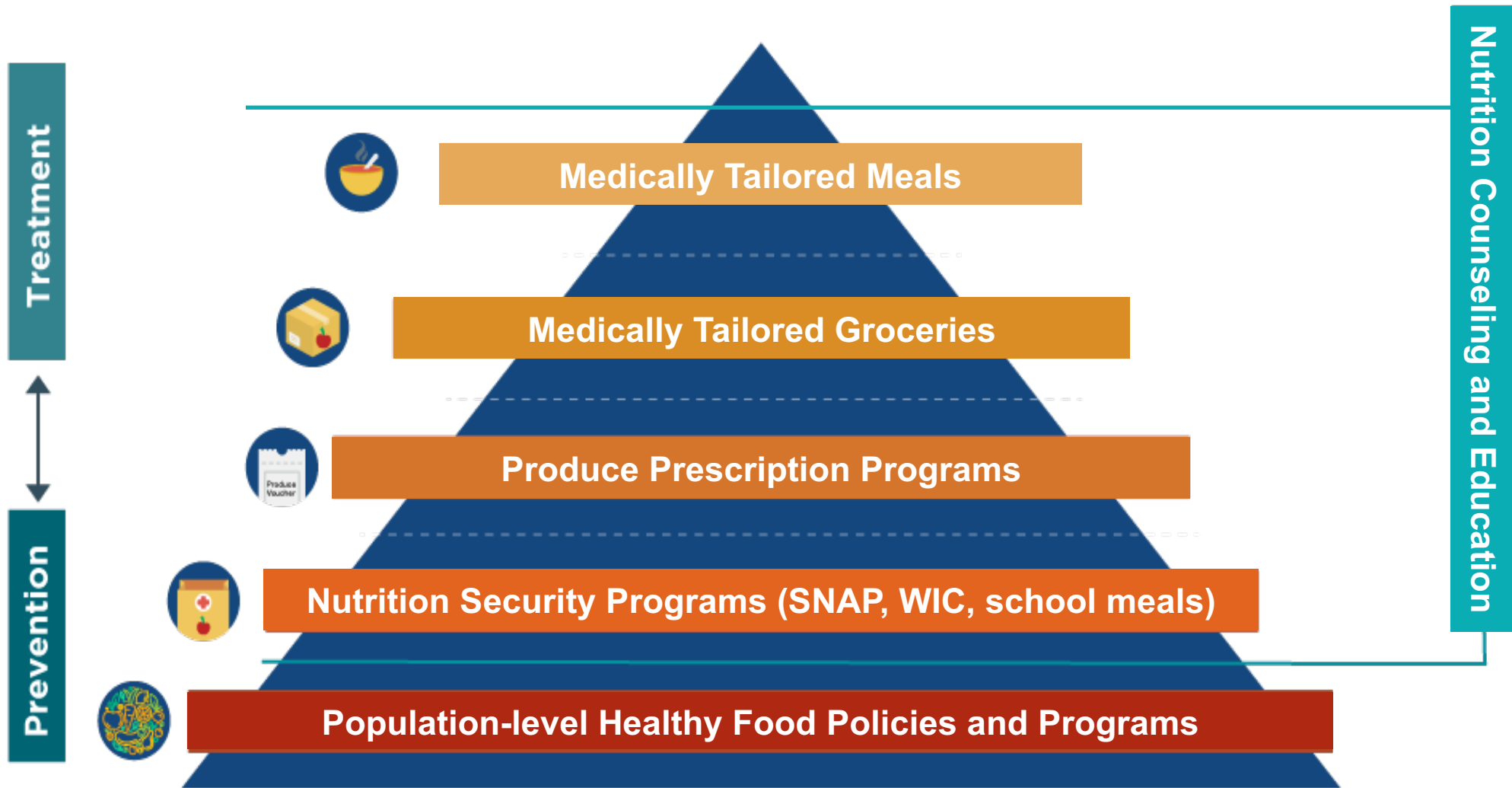
Diet-related diseases like diabetes, obesity, and hypertension have contributed to an estimated **723,000 excess U.S. deaths from COVID-19**



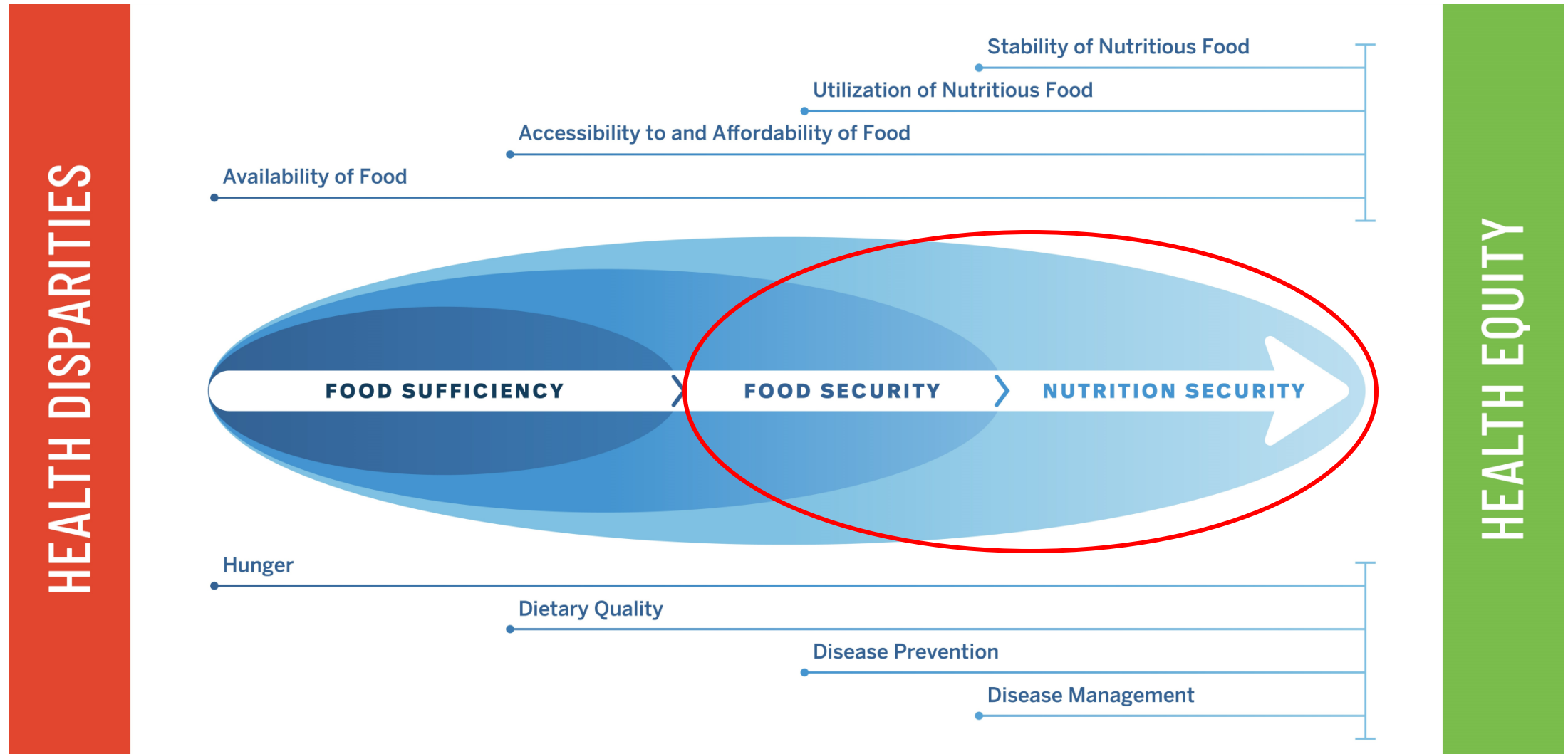
Poor nutrition causes an estimated **\$1.1 trillion in economic losses each year in the U.S.** from excess healthcare spending and lost productivity



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Food is Medicine: Centered in Health Equity

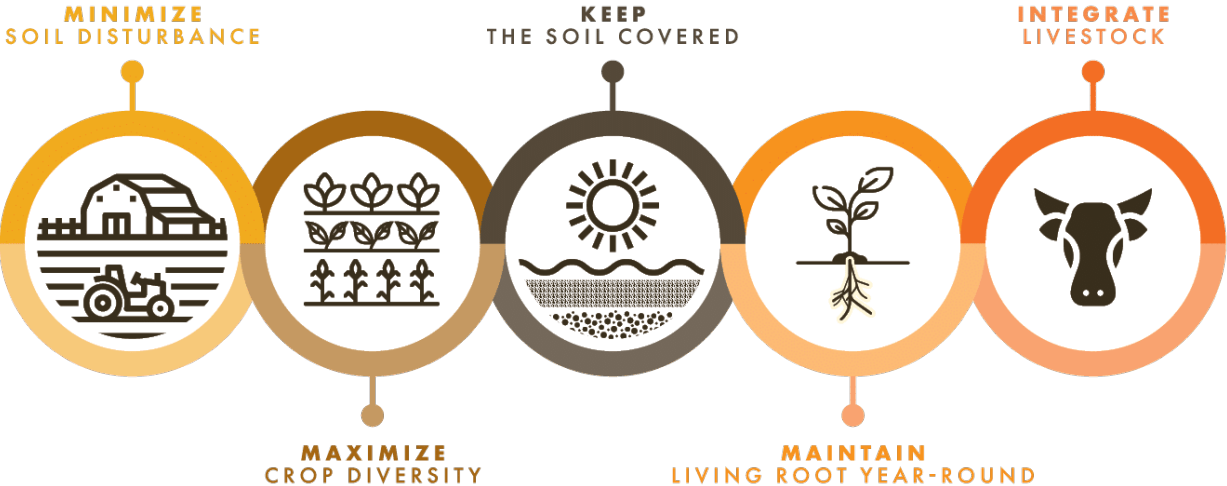


Adapted from: Strengthening U.S. Food Policies & Programs to Promote Equity in Nutrition Security: A Policy Statement from the American Heart Association. 2022



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Food is Medicine: Resilient Food Systems



Food is Medicine: National Momentum

- **National Strategy on Hunger, Nutrition, and Health**
- State **Medicaid 1115 and 1915(b) waivers**, and **managed care** “in lieu of” or QI services
- **Medicare Advantage Organization and Shared Savings ACO** programs
- **Private healthcare investments**, e.g. Kaiser Permanente, Geisinger Health, Elevance, Centene, many others
- **Veterans Affairs and Indian Health Services** pilots on Produce Rx
- Potential **CMMI Medicare pilot** on medically tailored meals
- **USDA GusNIP Produce Rx** programs
- **CDC programs** such as SPAN, HOP, and REACH
- Universal **EHR screening** for food insecurity in all federal healthcare systems
- AAP and ACLM commitments on **FIM training for physicians**
- ACGME plans to institute **mandatory nutrition education** in graduate medical education by 2026
- **NIH proposed FIM Centers of Excellence**
- Rockefeller Foundation/American Heart \$250 million **FIM research initiative**
- Non-profit **Food is Medicine Coalition** and **National Produce Prescription Collaborative**
- Private sector **implementers and innovators:**
 - **Retailers**, e.g. Instacart Health, Kroger, Walmart, others
 - **Start-ups**, e.g. Season Health, Mom’s Meals, Foodsmart, FarmboxRx, Performance Kitchen, Good Measures, VitaBowl, others

Food is Medicine Institute



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Clinical research and implementation

MTMs, tailored groceries, and produce Rx, nutrition and culinary education, other nutrition security and community programs, with a core focus on **advancing health equity**

Patient services

EHR screening, clinical care pathways, and referral systems

Community and private sector engagement

Collaboration around FIM programs and supportive practices

Education and training

Scientists and healthcare providers, digital platforms, cultural inclusiveness

Policy development

Evidence generation, synthesis, and translation

ACCELERATING FOOD IS MEDICINE

Accelerating the growing attention, enthusiasm, and evidence surrounding FIM interventions in the U.S.

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MEDICALLY TAILORED MEAL INTERVENTIONS

Impact of Medically Tailored Meals on Obesity, Other Health Outcomes, and Healthcare Utilization under Medicaid Flexible Services

[LEARN MORE](#)

THE DELTA GREENS (GROWING A RESILIENT, ENRICHING, EQUITABLE, NOURISHING FOOD SYSTEM) FOOD IS MEDICINE PROJECT

[LEARN MORE](#)

NUTRICARE

Intervention on Optimizing Nutritional Status, Reducing Treatment-Related Toxicities, and Improving Quality of Life Among Vulnerable Patients with Lung Cancer

[LEARN MORE](#)

POLICY R01

Cost-Effectiveness of Health System and State-Level Strategies to Improve Diet and Reduce Cardiometabolic Diseases

[LEARN MORE](#)

PRODUCE PRESCRIPTIONS ON MATERNAL AND BIRTH OUTCOMES

A Food is Medicine Intervention Among Pregnant Women

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WHOLESOME WAVE

Generating essential new evidence on produce prescriptions

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DEVELOPMENT AND VALIDATION OF A NUTRITION SECURITY SCREENER

A two-question tool with a brief preamble

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ANALYSIS OF FRESH CONNECT PARTICIPANT CHARACTERISTICS AND CARDHOLDER UTILIZATION

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