Social determinants of health interventions in health care settings

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3,300,000,000,000
(3.3 trillion)
Life expectancy vs. health expenditure over time (1970-2014)

Health spending measures the consumption of health care goods and services, including personal health care (curative care, rehabilitative care, long-term care, ancillary services and medical goods) and collective services (prevention and public health services as well as health administration), but excluding spending on investments. Shown is total health expenditure (financed by public and private sources).

Data source: Health expenditure from the OECD; Life expectancy from the World Bank  Licensed under CC-BY-SA by the author Max Roser. The data visualization is available at OurWorldinData.org and there you find more research and visualizations on this topic.
What Goes Into Your Health?
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40%
10%
30%
20%

Health Behaviors
- Tobacco Use
- Diet & Exercise
- Alcohol Use
- Sexual Activity

Health Care
- Access to Care
- Quality of Care

Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems (October 2014) Adapted from The Bridgespan Group
What Goes Into Your Health?

Socioeconomic Factors
- Education
- Job Status
- Family/Social Support
- Income
- Community Safety

Physical Environment

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Racism, sexism, and other forms of discrimination

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Social Determinants of Health (SDoH)

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Social determinants of health

• The conditions in which people are born, grow, live, work and age.
• Shaped by the distribution of money, power and resources at global, national and local levels.
• Largely responsible for health inequities.

Source: World Health Organization
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Data source: Health expenditure from the OECD; Life expectancy from the World Bank
The U.S. is an anomaly in health and social spending patterns

Source: OECD
New incentives leading to new care models

Payment Reform
- Pay for performance
- Bundled payment
- ACOs
- Shared savings
- Capitation
- Global budgets

Care Transformation
- Multidisciplinary care teams
- Care management/coordination
- Population health management
- Prevention
- Addressing social determinants of health needs
Putting Social Determinants of Health Data into Action

September 10, 2016 by Heather Landi, Associate Editor

Social determinants of health gain traction as UnitedHealthcare and Intermountain build new programs

Organizations are each expanding services to address non-medical factors that can have a significant impact on individual and population health.

The CEO of a company often called the future of healthcare explains why health insurers want to cover your rent

Lydia Ramsey Sep. 1, 2018, 2:42 PM

Why Boston Medical Center Is Investing In Housing

Managed Healthcare Executive

Hospitals target nutrition, other social needs to boost health

Jayne O’Donnell, USA TODAY Published 5:37 p.m. ET Feb. 17, 2017 | Updated 11:03 a.m. ET Feb. 21, 2017

Humana Targets Social Determinants of Health, Improves Outcomes in 2 Cities

By Tracey Walker
Apr 16, 2018

Social determinants shown to reduce healthcare spending

Those results add to evidence showing support for social service
Health system approaches to addressing SDOH needs

Patient level

Awareness
Understand social risk and resilience factors

Adjustment
Adjust care to limit the impact of social risks

Assistance
Provide services and resources to address needs

Community level

Alignment, Advocacy, and Investments
- Coordinate and align systems and resources
- Invest in housing, economic development, etc.
- Advocate for additional resources and systems and policy changes

Source: Adapted from draft model being developed by the NAS Committee on Integrating Social Needs Care into the Delivery of Health Care to Improve the Nation's Health.
Health system approaches to addressing food insecurity

Patient level
- Awareness
  - Hunger Vital Sign
- Adjustment
  - Modify medications
- Assistance
  - MTM
  - Food pharmacy and food vouchers
  - SNAP enrollment

Community level
- Alignment, Advocacy, and Investments
  - Farmer’s market on premises
  - Loans for development of new supermarkets
  - Advocacy for additional resources and systems and policy changes (e.g. Root Cause Coalition)
Does it work?

• Food insecurity assistance – mixed evidence
  • Bright spot: Medically tailored meals reduced ER and hospital visits, lowered medical spending.
• Alignment and investments – unclear
Evidence Library

This Evidence Library contains research articles, issue briefs, reports, and commentaries that either focus on or are relevant to evaluating health care-based interventions that address patients’ social and economic needs. We prioritize for inclusion resources that carefully describe and evaluate the social needs components of these interventions, and to a lesser extent those where the social components are mentioned but are not the primary focus of the work. The library currently includes only papers published since the year 2000. If you are aware of a resource you think should be added to our Evidence Library, please let us know.

To receive monthly alerts of recent additions to the Evidence Library sign up to receive our newsletter.
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https://SIRENNetwork.ucsf.edu

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