

WHAT'S THE PROBLEM?

Delivery of healthcare in the United States is in turmoil because to date the system has focused more on treating disease than preventing it. How can the United States build on its history of treatment innovation, and re-invent the care delivery model to address wellness and contribute to healthier communities? And what happens if we don't control cost and quality?

Cost is a driving factor around the globe in the quest to deliver better healthcare with limited resources. The United States spent a significantly higher portion of its Gross Domestic Product (GDP) than its Organization for Economic Co-operation Development (OECD) peers, and the overall health outcomes were worse.

U.S. ANOMALY IN HEALTH & SOCIAL SPENDING PATTERNS



Source: OECD

TOP 10 HEALTHIEST COUNTRY INDEX

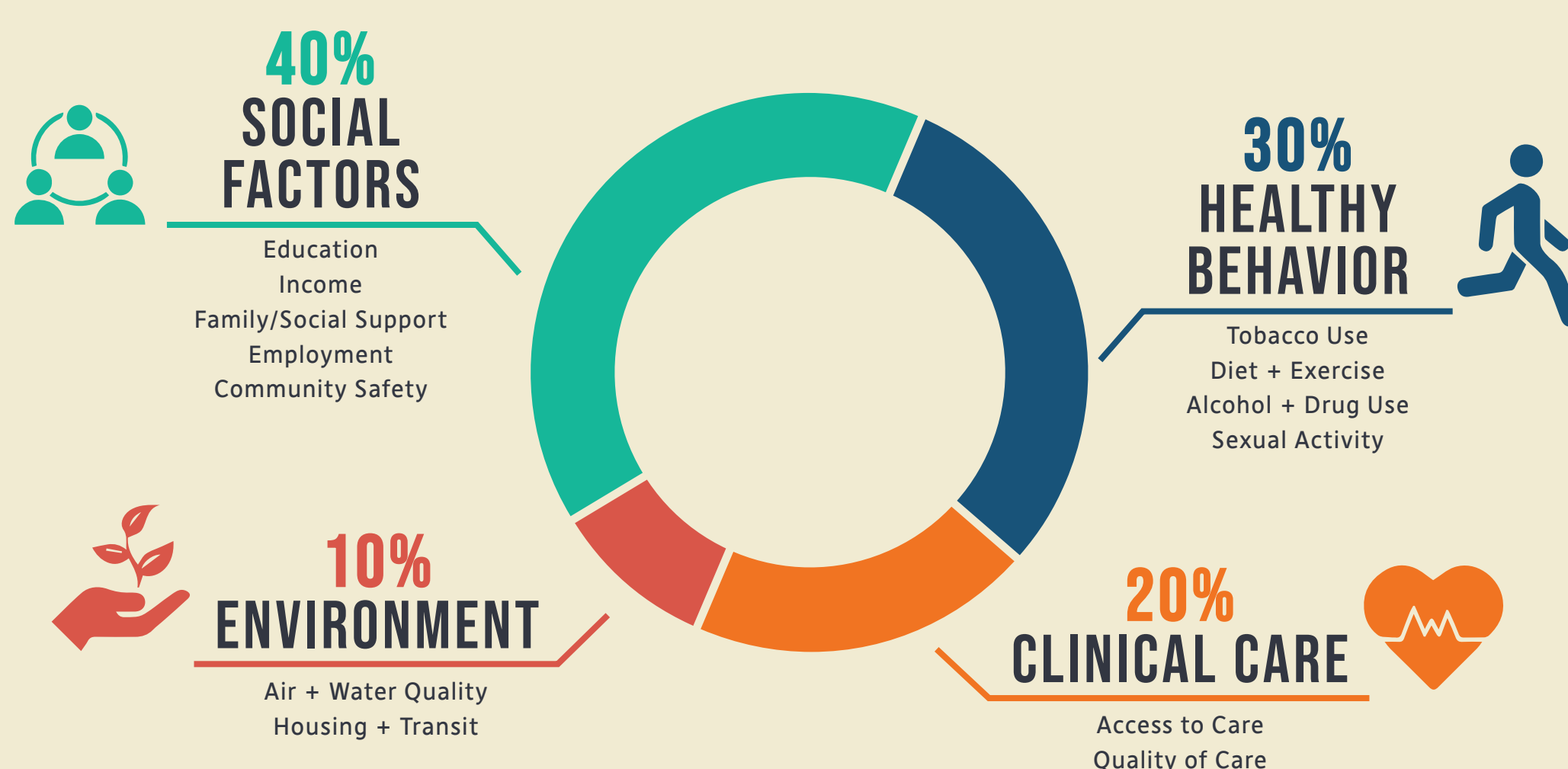
- Italy
- Iceland
- Switzerland
- Singapore
- Australia
- Spain
- Japan
- Sweden
- Israel
- Luxembourg

WHERE DO THE UK + US FALL ON THIS LIST?



Source: Bloomberg Global Health Index 2017

SOCIAL HEALTH DETERMINANTS VS OUTCOMES



WHAT THE UNITED STATES SPENDS ON HEALTHCARE

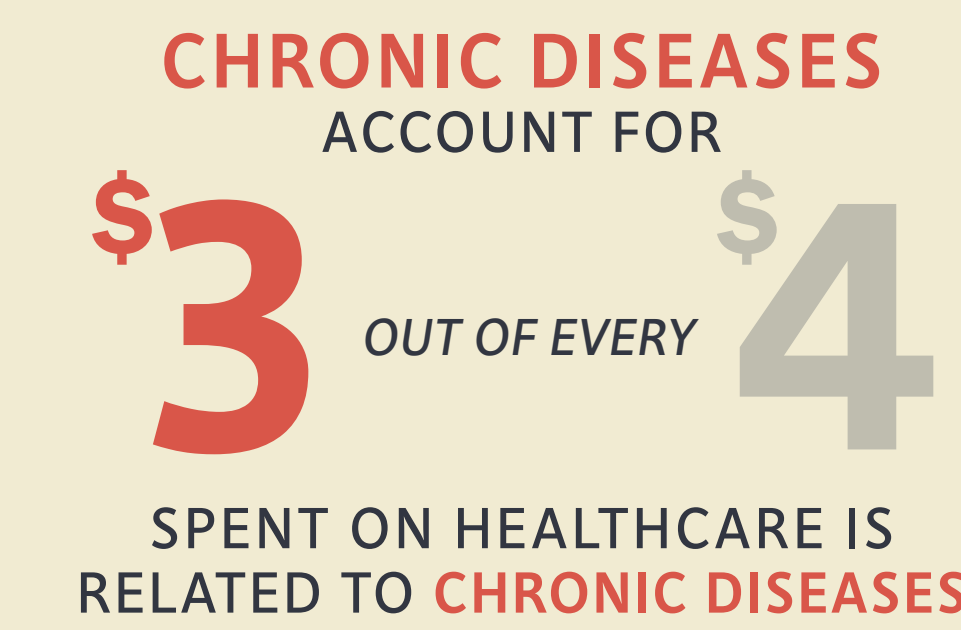
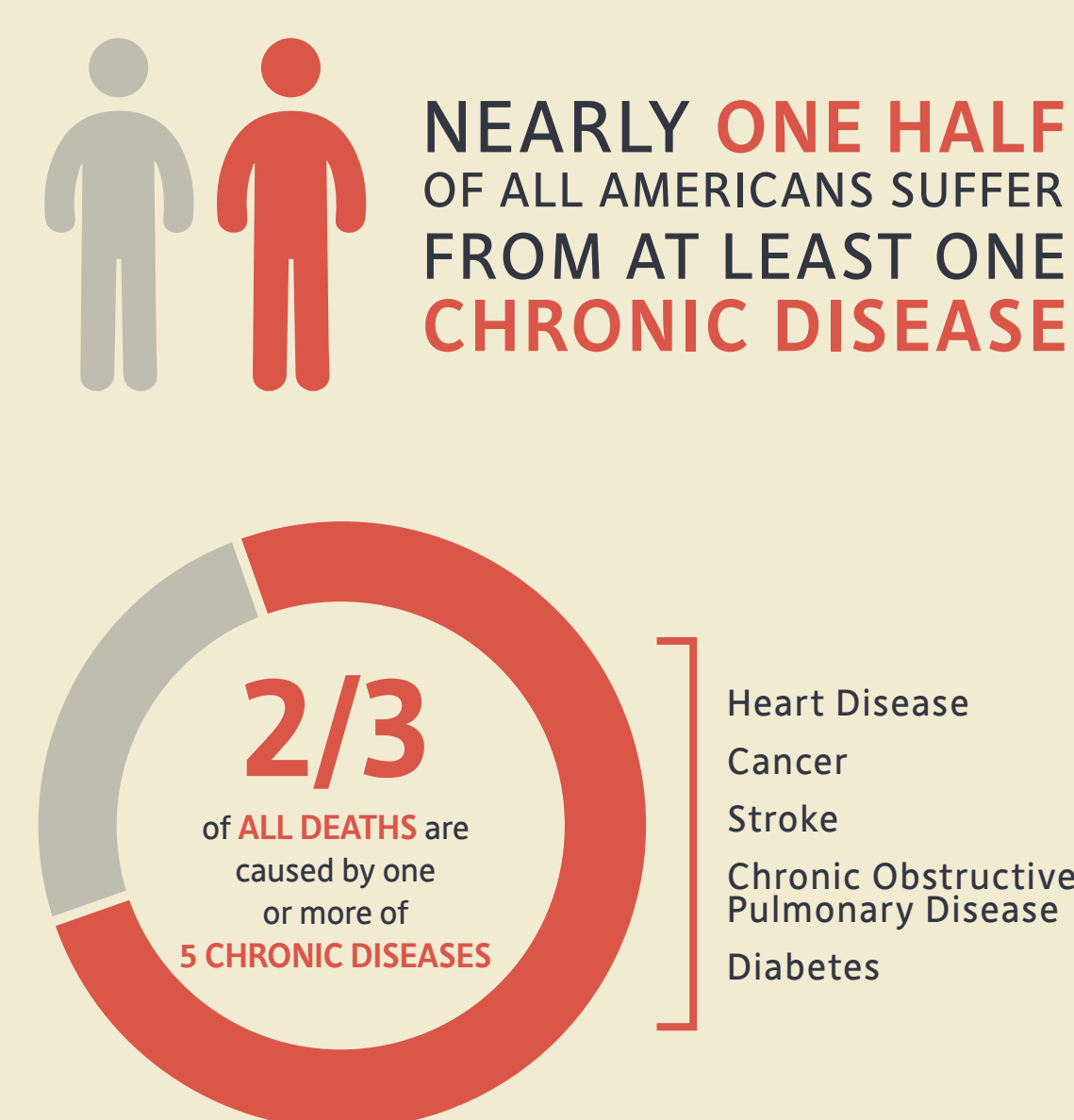


THE IMPORTANCE OF PLACE

	TELEHEALTH	RETAIL CLINIC	URGENT CARE	AMBULATORY CARE	EMERGENCY ROOM
Convenient Hours	✓	✓	✓		✓
No Appointment	✓	✓	✓		✓
Convenient Location	✓	✓	✓	✓	
Lower Cost	✓	✓		✓	
Physician On Site			✓	✓	✓
Surgical Services					✓
Multiple Exam Rooms			✓	✓	✓
Short Wait Times	✓	✓		✓	✓



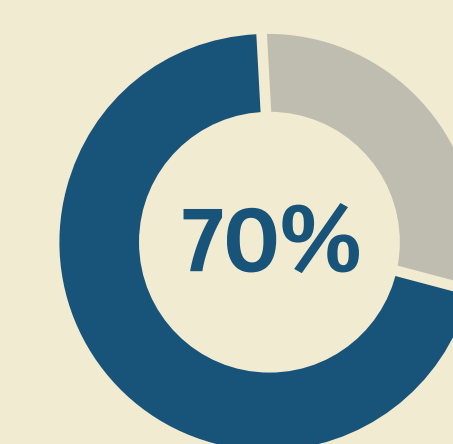
CHRONIC DISEASES IN THE US



CHILDHOOD OBESITY IN THE US



Just over 70% of all Americans are either Overweight or Obese



CAN POPULATION HEALTH SURVIVE IN THE UNITED STATES

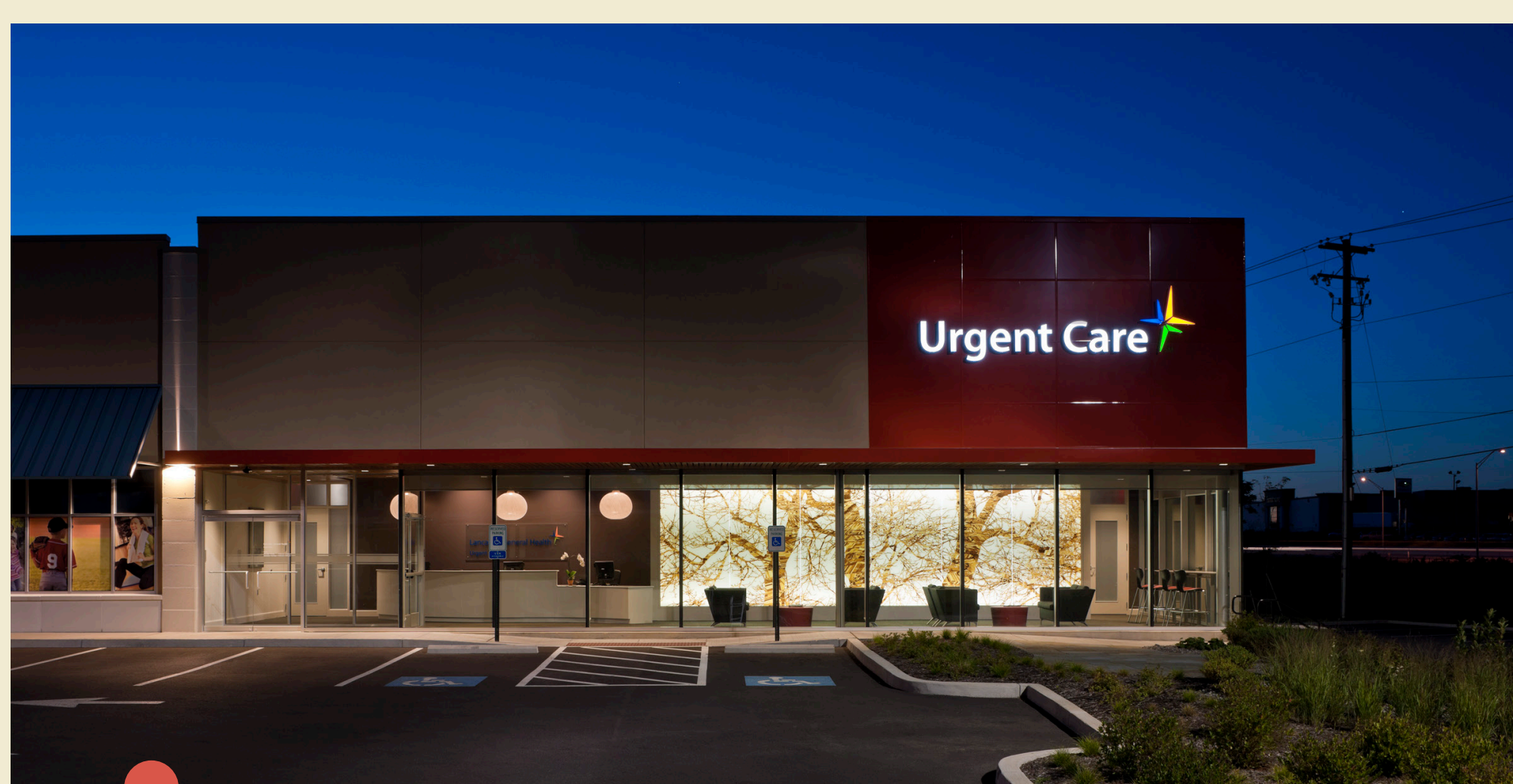


The pursuit of Population Health in the United States offers opportunities to maximize the value of healthcare spending to create healthier communities, leading to a more productive society. Architects are contributing to Population Health by designing environments that are more “upstream” of traditional hospital facilities – environments that promote wellness and have a positive impact on social health determinants. Everyone can contribute to Population Health.



SOCIAL RETURN ON INVESTMENT (SROI) is a method for measuring values that are not traditionally reflected in financial statements – including Social, Economic, and Environmental Factors

ARCHITECTURE + DESIGN KEY FACTORS IMPACTING POPULATION HEALTH



PENN MEDICINE LANCASTER GENERAL HEALTH, RETAIL URGENT CARE PROTOTYPE

Lancaster, PA | 6,000 SF
Like most health systems, Lancaster General Health is seeking ways to reduce necessary emergency room visits and the expenses associated with them. The planning team embraced a theme of “Serenity Now” to guide the design and ethos of this first, prototypical Urgent Care facility with the goal of providing quick and professional treatment of patients, but in a calm and uncluttered environment. Originally located in a very visible and unremarkable strip mall setting, consumers are now immediately struck by the spa-like character of this facility.



PUENTES DE SALUD

Philadelphia, PA | 7,000 SF
Puentes de Salud is a unique clinic that offers healthcare and educational programs for Philadelphia's rapidly growing Latino immigrant population. Ballinger provided pro-bono architectural and engineering services to make a home for the doctors, nurses, and volunteers of Puentes de Salud. The clinic features medical examination rooms, counseling spaces, and a community kitchen designed to educate the public on nutrition and healthy eating habits. It also has rooms for yoga and meditation classes, as well as a library stocked with children's books. 10,000 patients are projected to visit the center per year.



RUTGERS UNIVERSITY, NEW JERSEY INSTITUTE FOR FOOD, NUTRITION + HEALTH

North Brunswick, NJ | 80,000 SF
The New Jersey Institute for Food, Nutrition and Health is a signature initiative by Rutgers University to provide research and education related to society's pressing challenges in cardio-inflammatory disease, cancer and obesity. The building features a student health clinic, a human performance lab, a nutrition research clinic, a healthy eating courtyard, and a preschool dedicated to educating parents and children on diet and nutrition. The remaining spaces house wet and dry labs, faculty and administrative offices, and outreach meeting spaces. The sloping site integrates an amphitheater for events and provides a place to plant crops used by the Institute's cafe. The Institute is also home to New Jersey's largest living wall.

