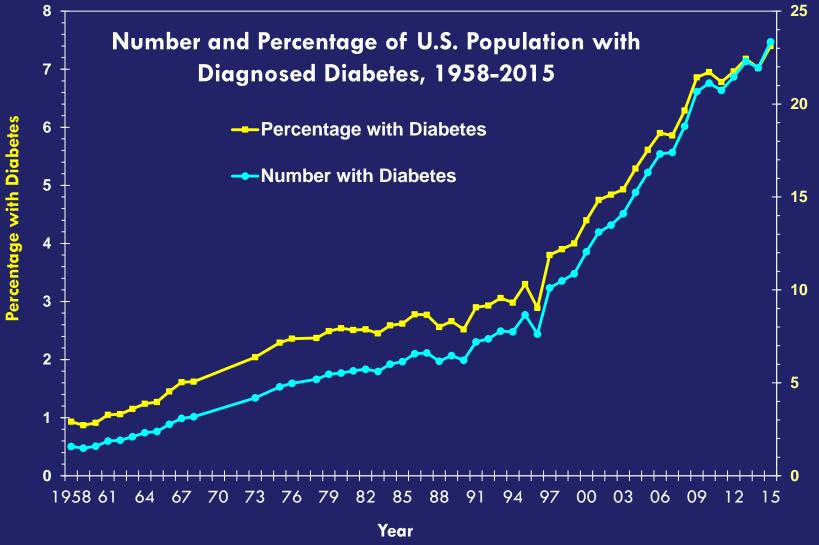


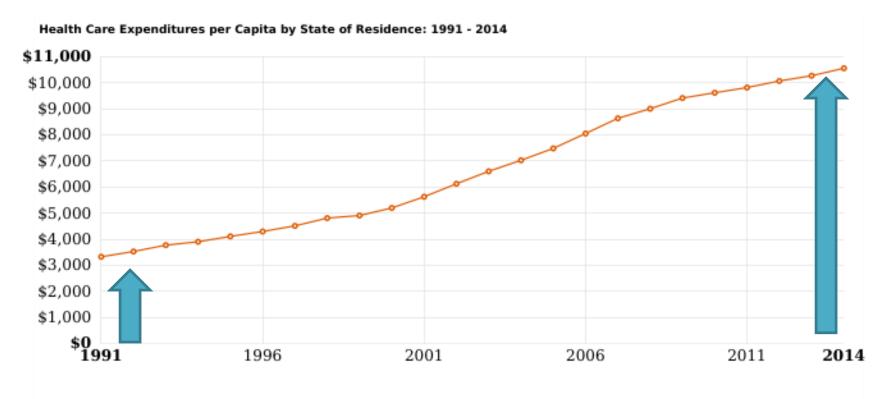
### What has been happening to our health?







### What has been happening to our health?



Health Spending per Capita

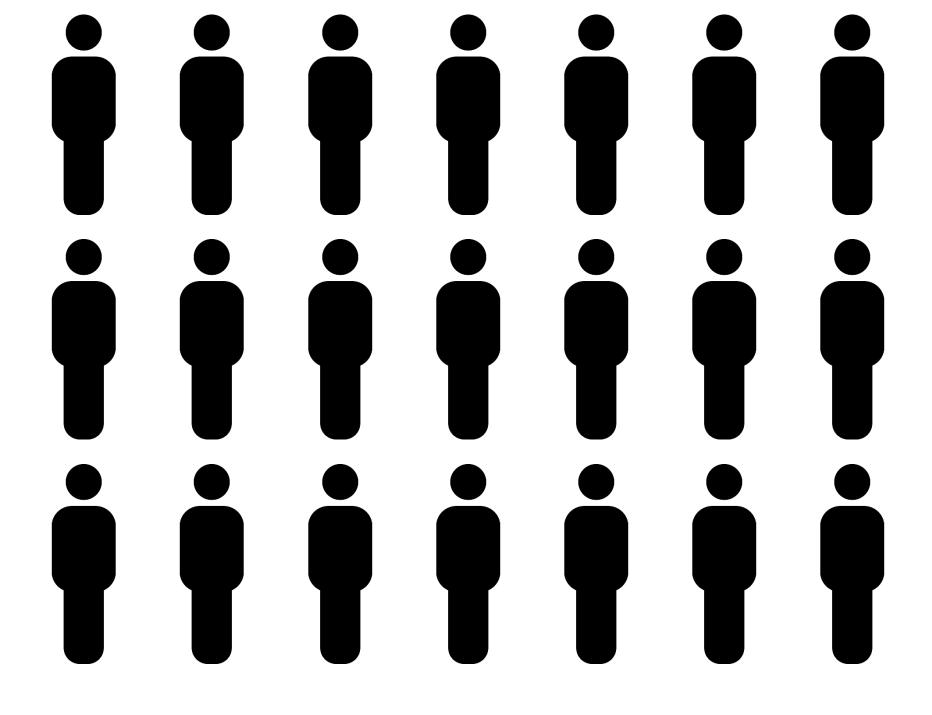
Massachusetts

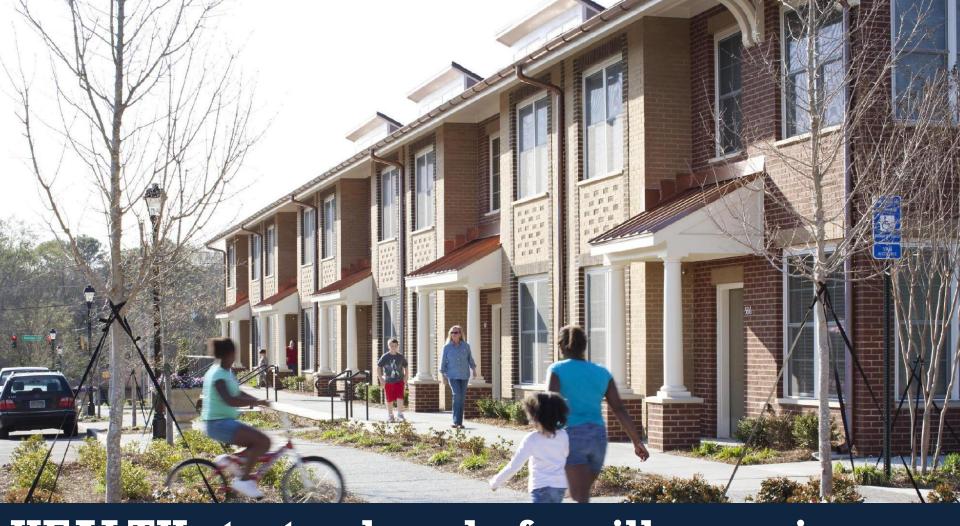
SOURCE: Kaiser Family Foundation's State Health Facts.

### What has been happening to our health?

Premature death rates per 1,000 by T stop, 1999-2001



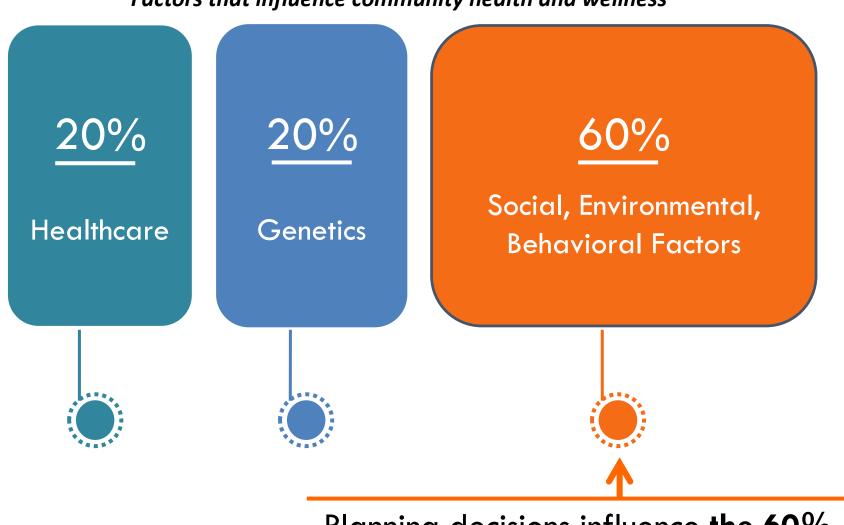




HEALTH starts—long before illness—in our homes, schools, and jobs.

## Where you live affects your health

Factors that influence community health and wellness



Planning decisions influence the 60%

# What does this mean for planning?



Like roads and bridges, affordable housing is a long-term asset that helps communities and families thrive







Quality & Design

Stability & Affordability

Location

## Health Conditions Impacted



Asthma
Allergies
Elder Falls
Mental Health
Childhood Brain
Development
Smoking
Cardiovascular
Disease



Mental Health
Malnutrition
Childhood
Development
& Lifetime
Health
Substance Use



Cardiovascular
Disease
Depression
Mental Health
Respiratory
Disease
Chronic Disease

### How can we measure this?



Hospitalizations/Health
 Care Usage/Costs



 Prevalence/Quantity of Conditions



Health Behaviors



Access & Environment

### What can we look at, overall:

Hospitalizations

**Asthma** 

Chronic Obstructive Pulmonary Disease

**Substance Abuse** 

Cardiovascular Disease

Mental Health

Conditions

Obesity

Diabetes

**Blood Lead Levels** 

Depression

**Excessive Drinking** 

Smoking

Consuming 5+ Vegetables/Day

Youth School Performance

**Social Isolation** 

Behaviors/Risk Factors



Example of integrating health in our plans and policies

### Top Issues Overall

Hospitalizations

**Asthma** 

Chronic Obstructive Pulmonary Disease

Cardiovascular Disease

Substance Abuse

Diabetes

Mental Health

Obesity

**Blood Lead Levels** 

**Depression** 

**Excessive Drinking** 

**Smoking** 

Consuming 5+ Vegetables/Day

Youth School Performance

Social Isolation

Conditions

Behaviors/Risk Factors



### **Housing Location Priorities**

Social Isolation

Climate Change & Infectious Disease

Lack of Access to Goods and Services



**Community Walkscore** 

67 out of 100

Hospital Stays per 10,000 People 65 Years and Older

406 vs 354



## Housing Quality Priority: Lead

Proportion of Housing with Lead

69% vs 71%

Screening Rate for Children < 3

76% vs 77%

Blood Lead Levels > 3.7 per 1,000 children under 3

Lower than State

### Priorities to Focus on in Arlington

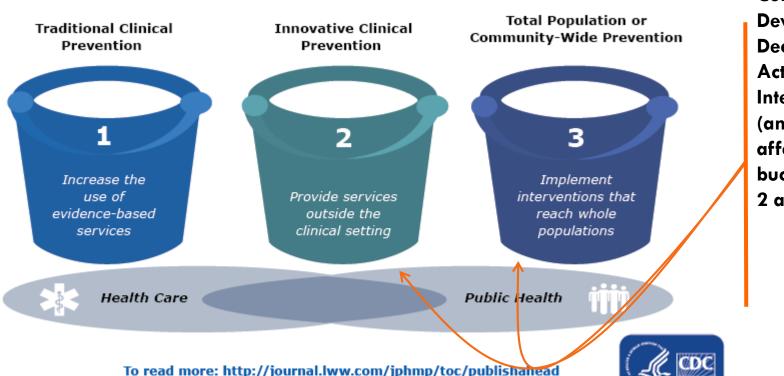
- 1. Unintentional falls among older adults
- 2. Asthma hospitalizations for youth ages 0-19
- 3. Near roadway pollutant exposure from heavily traffic roadways
- 4. Substance abuse hospitalizations
- 5. Risk of social isolation among older adults

# Housing Prescriptions Output Descriptions

Community investments to reduce clinical costs

## Health and Community Development convergence continues to grow

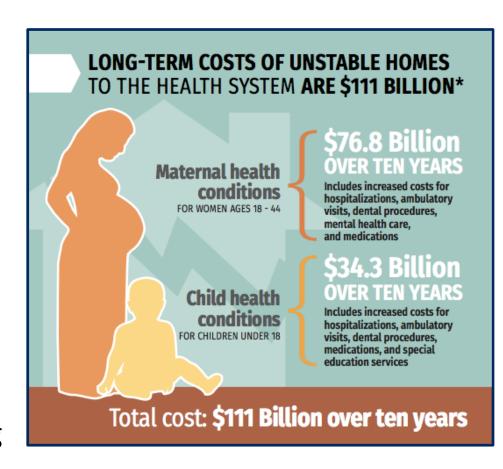
- Shift from fee-based care to value-based care
  - Paid for outcomes, not service delivery



Community
Development
Decisions and
Actions
Intersect with
(and will be
affected by)
buckets
2 and 3

### Clinical to Community Investments

- Shift from fee-based to value-based care (i.e., pay for outcomes not service)
- 2. Investments outside of hospital settings
- 3. Homes and housing stability a key target
  - Key factor in reducing costs



## Community to Clinical Partnerships

## Health Starts at Home Program Intervention Theory of Change

Advancing families from unstable housing to stable housing can improve the health of children

#### Stabilize Housing



#### Stable Access to Essential Resources



### Improved Health (Intermediate)



### Improved Health (Long-term)

- No longer spending
   50% of household income on housing
- No longer moving 2+ times in past year because of economic reasons
- No longer living in overcrowded or doubled up conditions
- No longer being behind on rent, defined as being significantly behind on rent 2 or more times in the past year and currently behind on rent

- Healthcare
- Nutritious food
- Heat/utilities
- Schools and other community anchors
- Social networks

- Increase in routine care and prenatal care
- Maintenance or increase in preventative medical visits e.g. immunizations
- Reduction in ER visits/hospitalizations
- Improved emotional and behavioral outcomes for both children and parents/guardians

- Decrease in chronic health conditions e.g. asthma and type 2 diabetes
- Reduction in ER visits/hospitalizations
- Improved emotional and behavioral outcomes for both children and parents/guardians

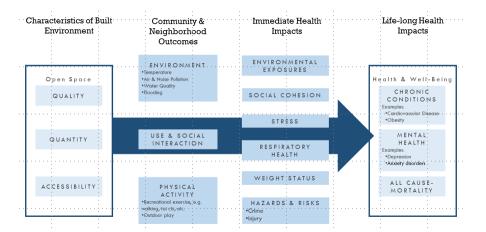
Target population: low-income, housing insecure children 0 – 11 years of age (at start of program) and their families within TBF's catchment area

### Not Just Here

- The Duke-Durham Neighborhood Partnership Initiative, which has invested more than \$2 million in an affordable housing loan fund to promote home ownership and community stabilization.
- Kaiser Permanente commits to help address the need for affordable housing, a major social determinant of health, through a\$200 million investment focused on developing affordable housing and mitigating homelessness
- The Community Investment Program (CIP), a vehicle for funding housing and community development that is operated by **Dignity Health**, issued a \$3.1 million loan to construct a transit-oriented complex in central Los Angeles. The Campus at LA Family Housing will provide 50 permanent and 450 transitional housing units for individuals and families experiencing homelessness

## From Homes to Health Community Design

- Complete Streets and Vision Zero
- Parks, Recreation, and Open Space
- Climate Resiliency
- Local Public Health Infrastructure
- And more!

















Barry Keppard, Public Health, MAPC

bkeppard@mapc.org

