

Improving Community Health: A Framework for Achieving Health Equity



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Alameda County BOS Health Committee's Health Reform Hearing:
Innovations in Prevention

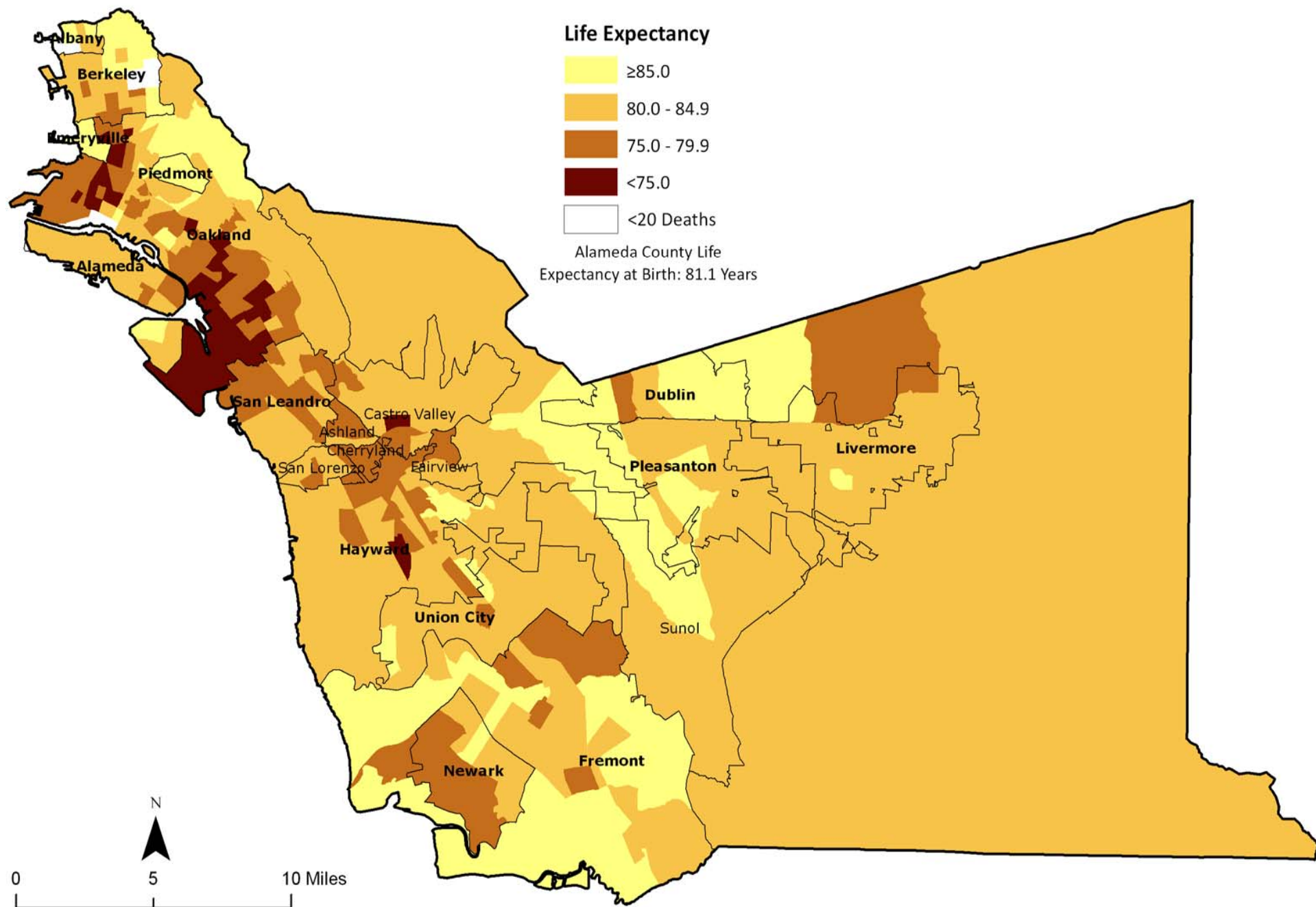
April 23, 2012



Health Equity: What do we mean?

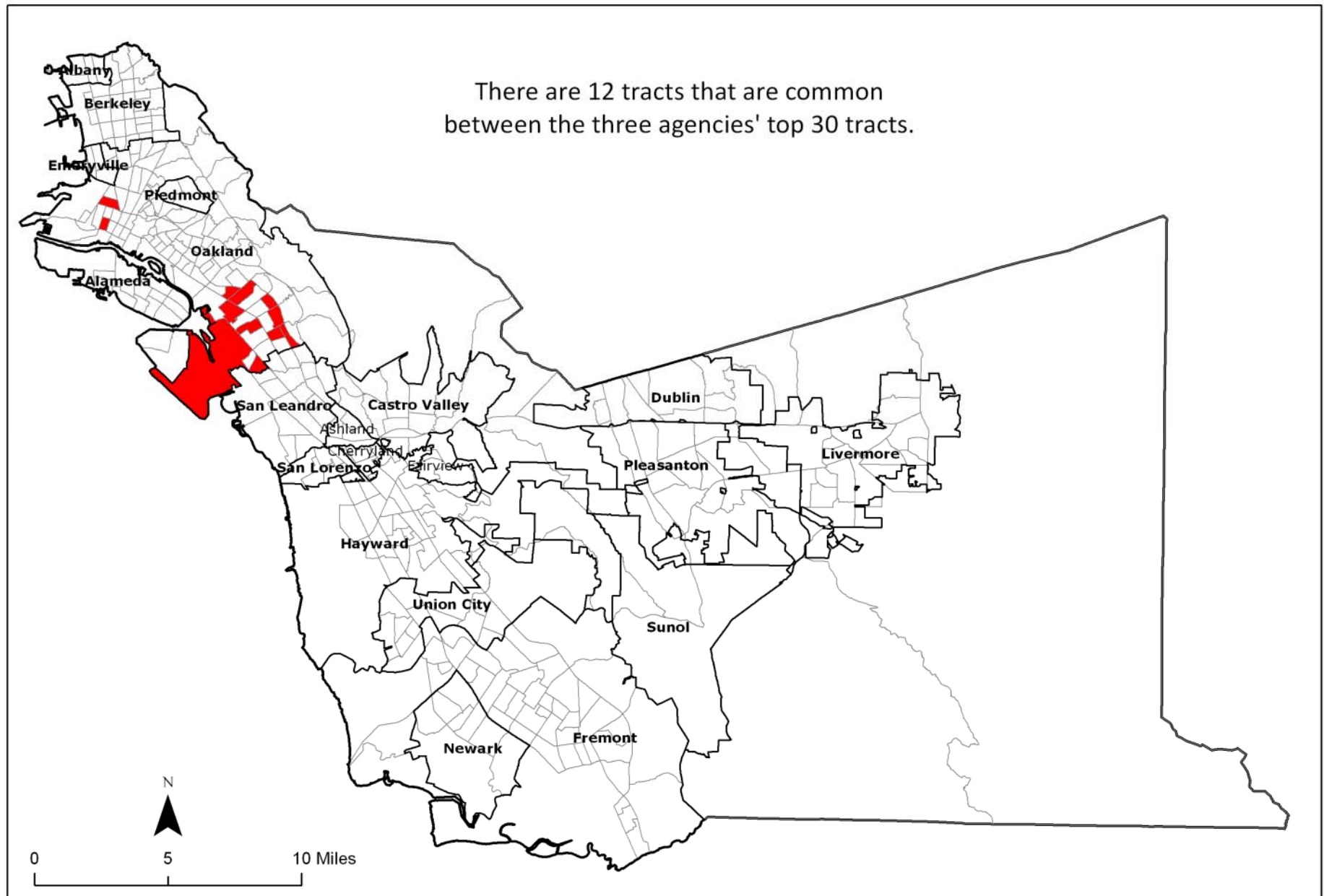
Everyone has access to the *same opportunities* for both good health and a fulfilling and productive life.





Source: ACPHD CAPE Unit, with data from Alameda County vital statistics files, 2007-2009

Service Intensity FY0910: Three Agencies—12 Top Tracts

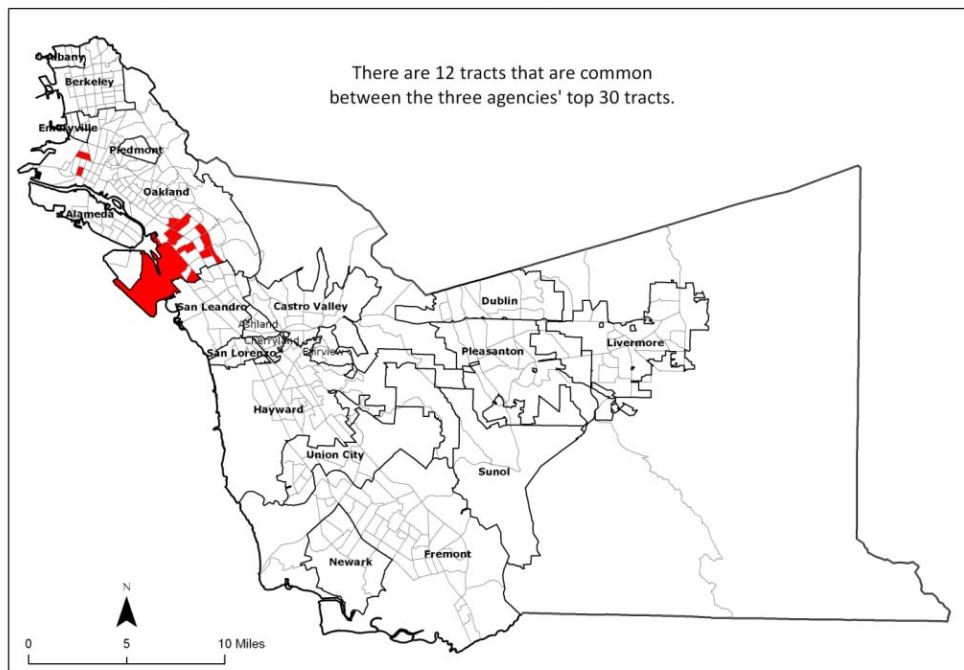


Source: CAPE, with data from Alameda County HCSA, Probation, and SSA and Census 2010.

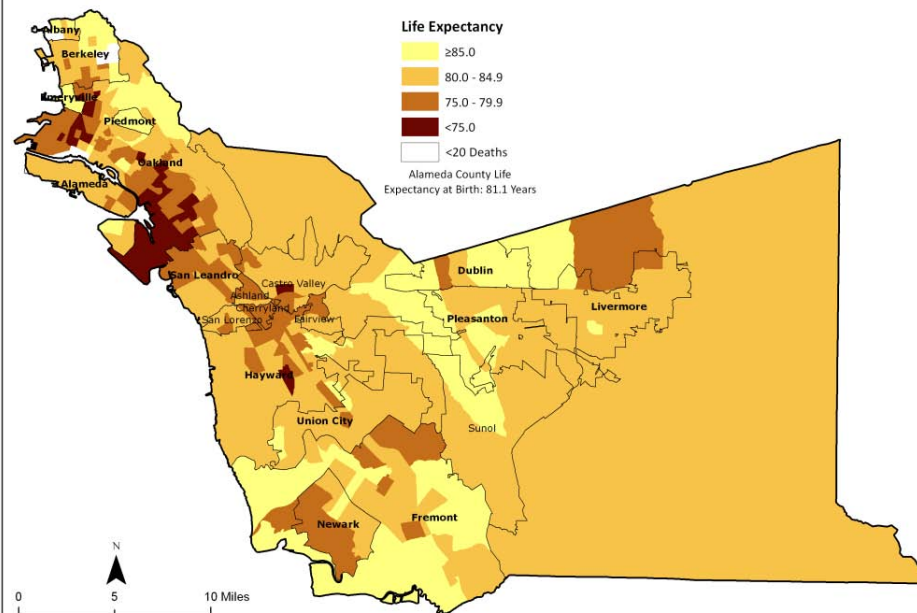
Human Services Agencies: Tertiary and Secondary Prevention



Service Intensity FY0910: Three Agencies—12 Top Tracts

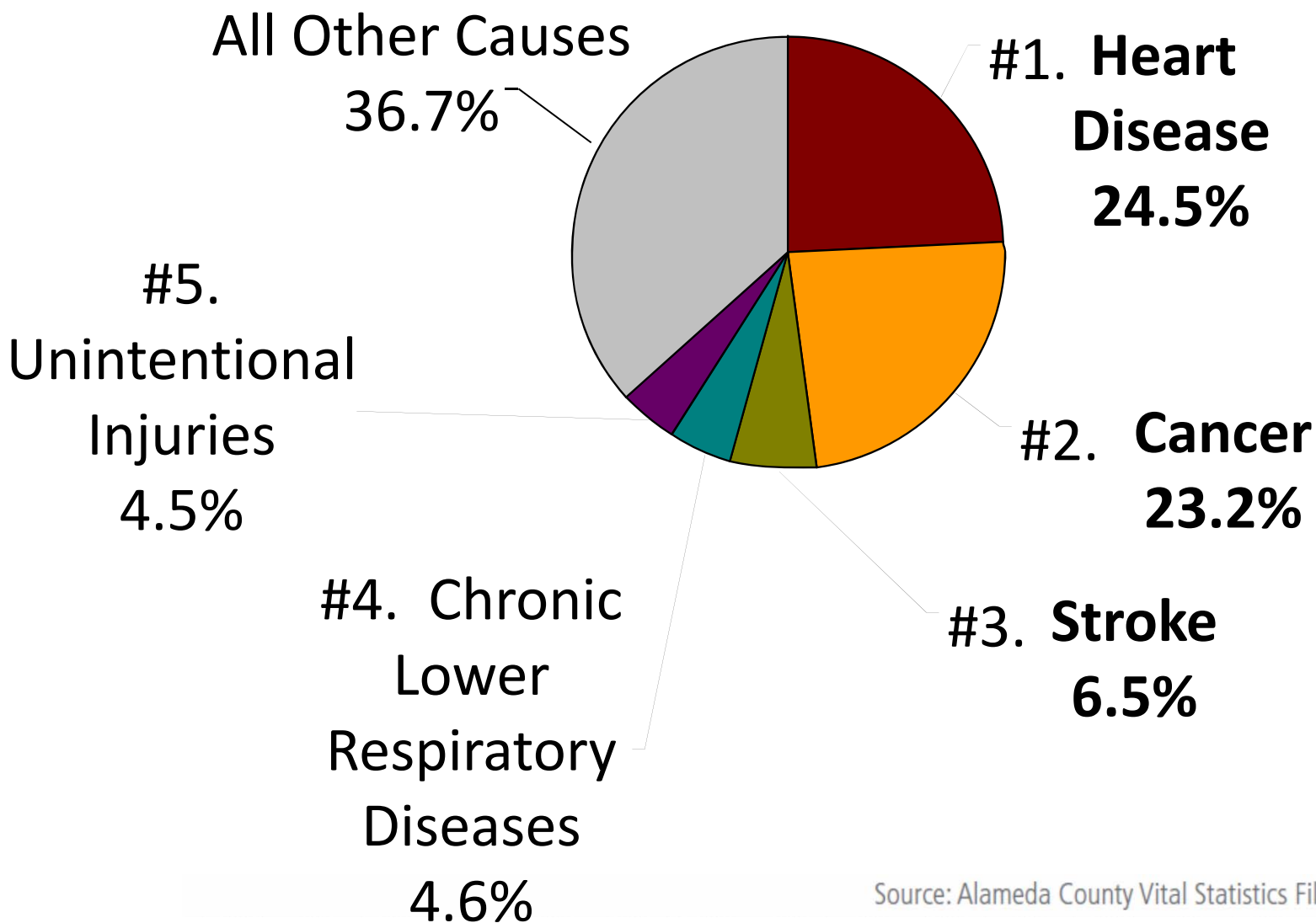


Source: CAPE, with data from Alameda County HCSA, Probation, and SSA and Census 2010.



Leading Causes of Death:

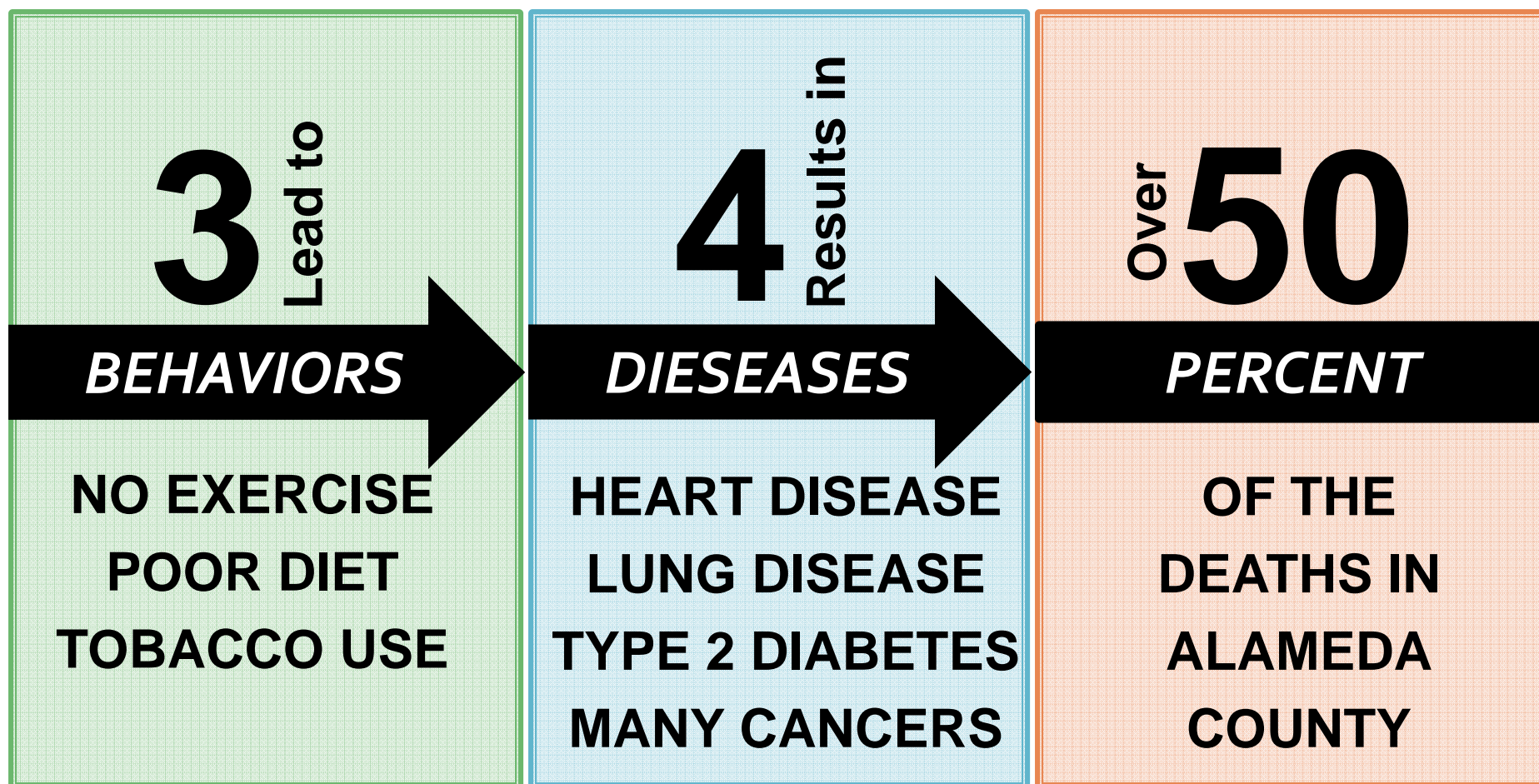
Overall



Source: Alameda County Vital Statistics Files, 2006-08.

3FOUR50 Campaign:

Promoting chronic disease prevention

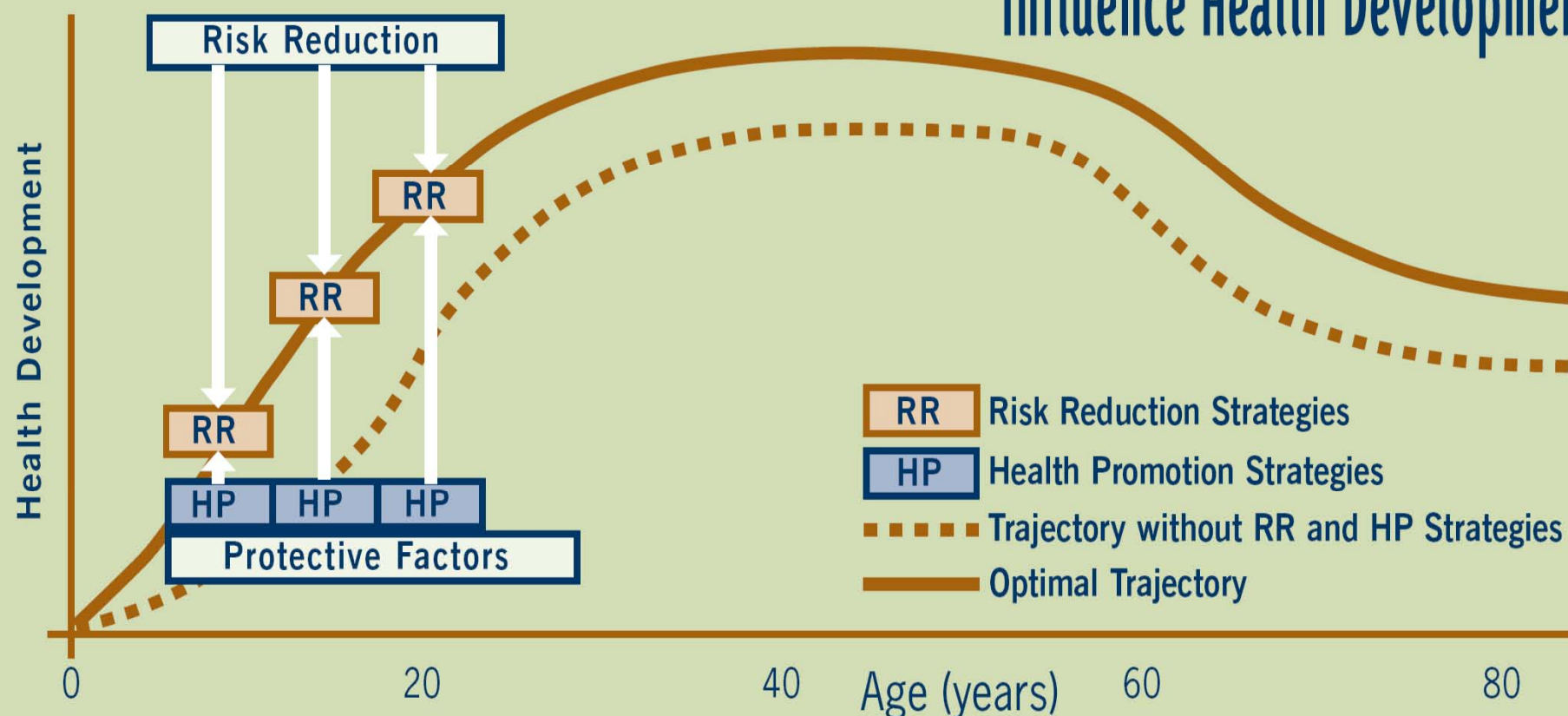


Started by The Oxford Health Alliance, 2006.

Life Course Health Development: Upstream Determinants



Figure 1: How Risk Reduction and Health Promotion Strategies Influence Health Development

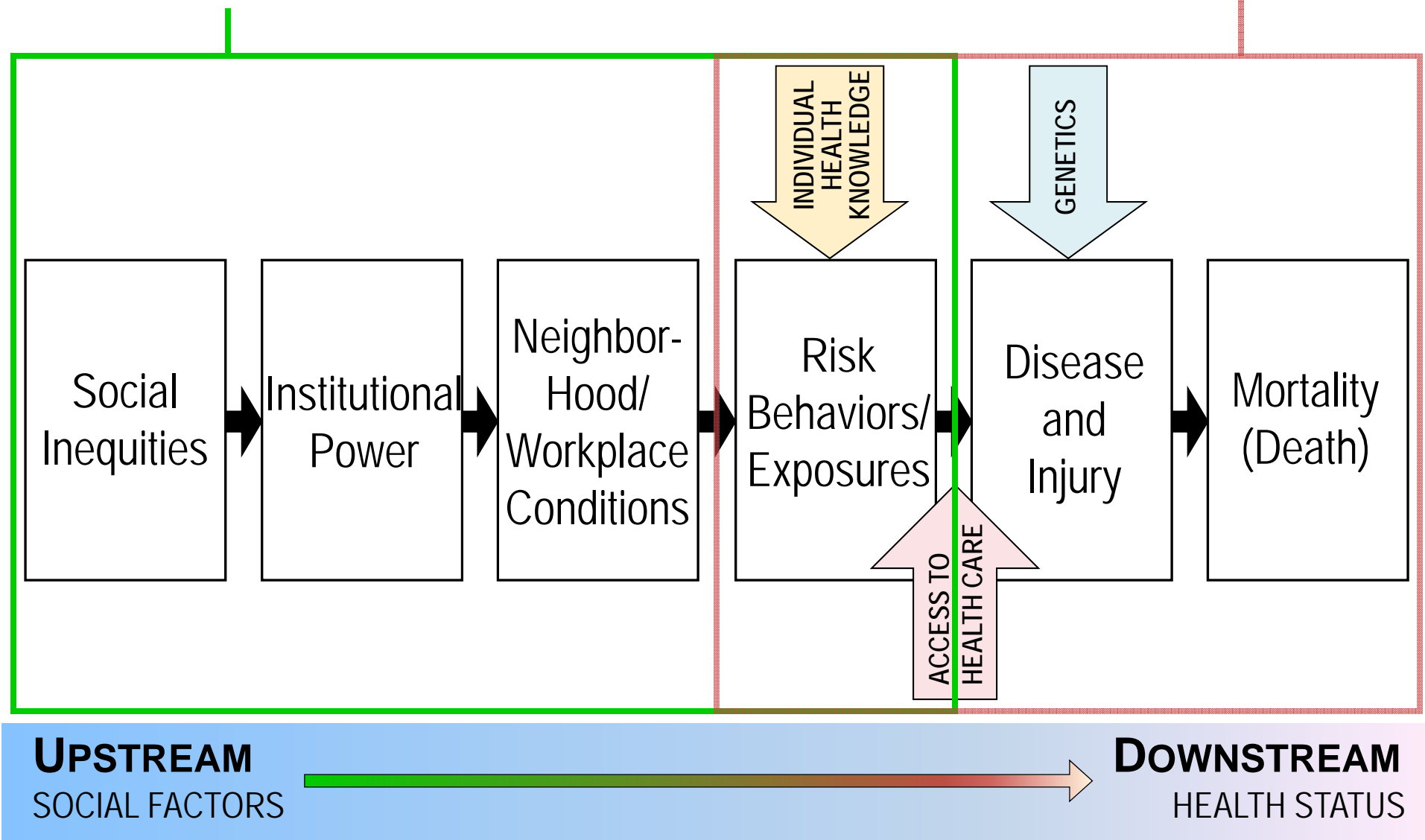


Source: Halfon N, Inkelas M, Hochstein M. "The Health Development Organization: An Organizational Approach to Achieving Child Development." *Milbank Quarterly*. 2000; 78(3):447-97.

A Framework for Achieving Health Equity

Socio-Ecological Model

Medical Model



(Adapted from Bay Area Regional Health Inequities Initiative, 2012)



Invested Communities

- Parks
- Safe/Walkable Streets
- Grocery Stores
- Good Schools
- Clean Air
- Public Transportation
- Good Jobs
- Strong Local Businesses
- Financial Institutions

Good Health Status

Poor Health Status



Disinvested Communities

- Limited/Unsafe Parks
- Crime
- Fast Food Restaurants
- Liquor Stores
- Poor Performing Schools
- Pollution and Toxic Exposures
- Limited Public Transportation
- Absence of High Quality Financial Institutions
- Predatory Lenders

Source: Adapted from PolicyLink

ReThink Health Dynamics Model: Calibrated to Alameda County

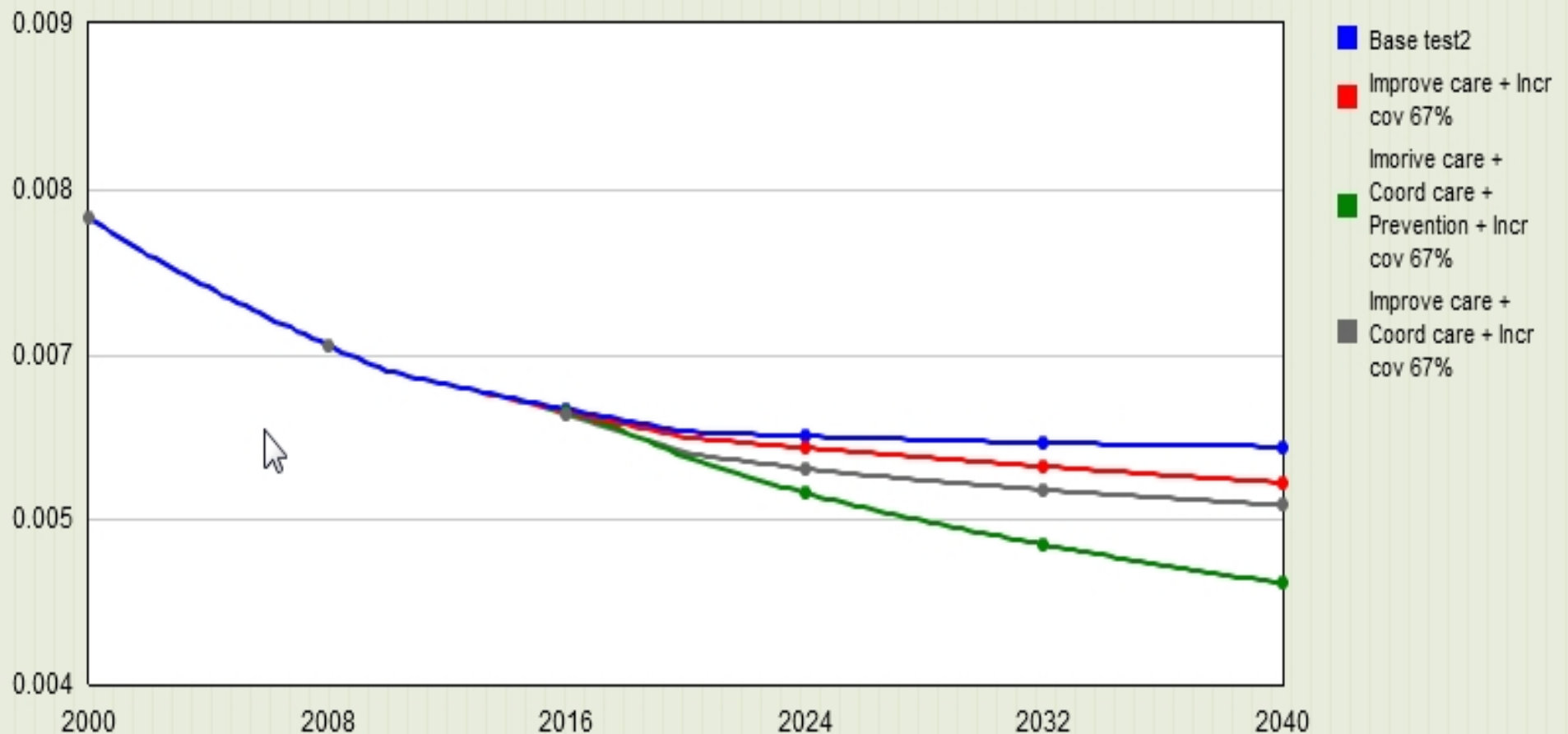


- Funded by the Fannie E. Rippel Foundation and the California Health Care Foundation
- Calibrated to the County population, health status, health risks, and health care utilization
- Examines relative impacts of different interventions on the health status, health care utilization, and cost of care, among others
- Baseline simulation (blue line on graphs)
 - No new interventions
 - Only growth and
 - Aging of the population
- Simulations assume reinvestment in programs of up to half of generated savings

Impact of Strategies on Death Rate: Insights from the ReThink Health Model



Death rate, age stdized



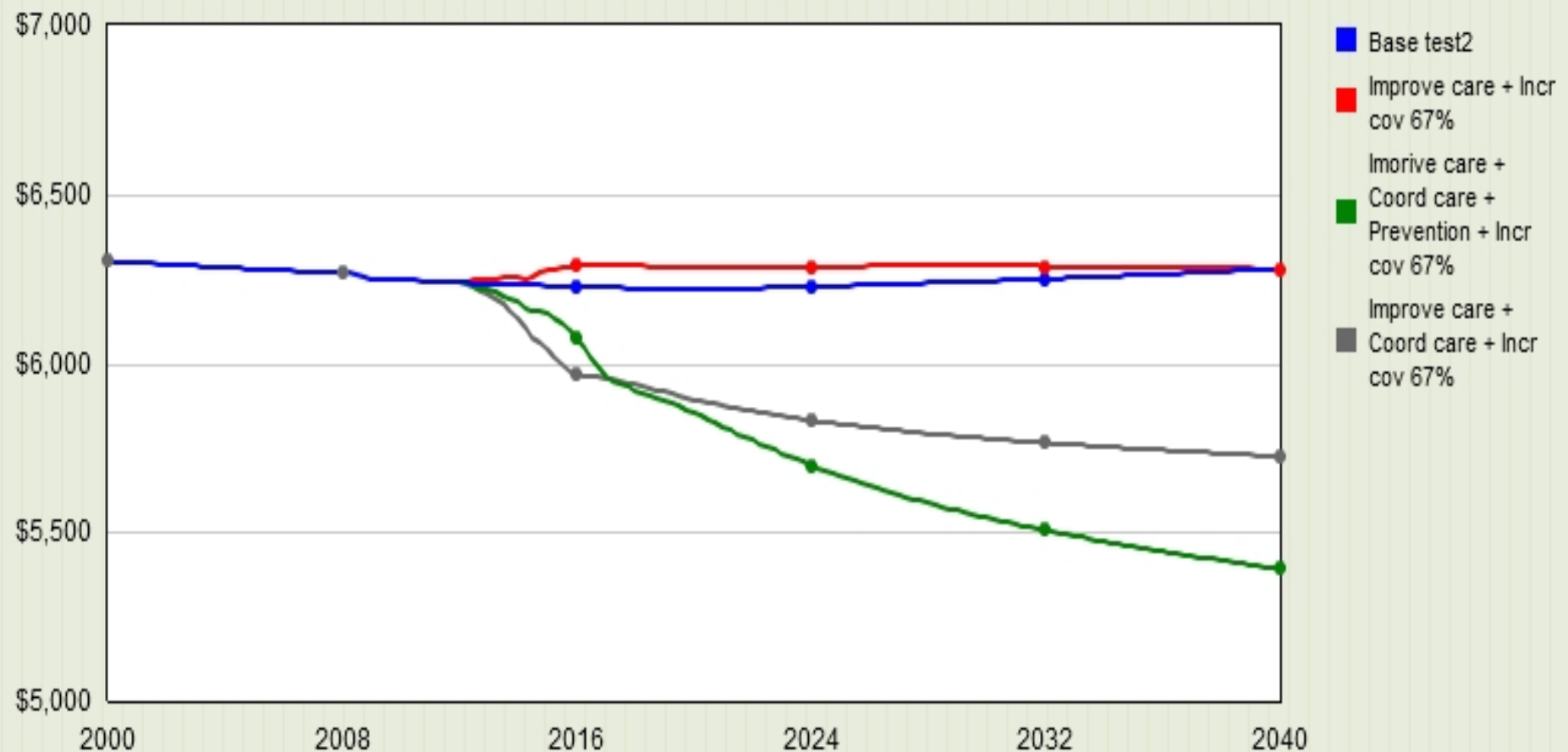
Overall popn death rate age stdized

Impacts of Strategies on Health Costs:

Insights from the ReThink Health Model



Health care costs, per capita age std



Overall per capita healthcare costs age stdized 2010 dollars



What can Health Care (among others) do?

- Connect patients to community resources
 - Community health workers/Promotoras
 - Community-based organizations
- Foster community (cohesion) with disease management in peer settings
- Invest more deeply in primary prevention
 - Healthcare practices hosting farmer's markets
 - Reducing fast food and sugar-sweetened beverages in workplace
 - Work with local public health to support primary prevention strategies



Just a Few Great Collaborations: Institutional Power for Prevention

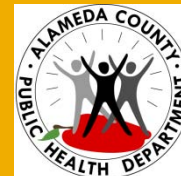
- Food to Families Project
 - Meets families' immediate needs while also working to improve community food landscape
 - Local health centers write healthy food "prescriptions"
 - Youth-led businesses
- Place Matters' Housing Workgroup
 - Recommendations for a more proactive system of rental housing code inspections – prevent asthma hospitalizations
- WIC Oral Health Program
 - Reduce expenditures by 50% compared to kids 0-8 outside of program

Thank you!

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THE KRESGE
FOUNDATION

Food to Families Program



West Oakland Area

Mandela Marketplace



WYSE Youth Team:
Leadership & Produce
Delivery to Stores

Nutrition Education /
Classes (Staff and Peer
Educators)

Business Analysis &
Planning for
Sustainability

West Oakland Health Council



Prenatal care and
Produce
Coupons to 30 Women

Nutrition Education /
Classes & Distribution of
Health Ed Materials

Ashland/Cherryland Area

DSAL & Dig Deep Farms



Team Fresh (Youth)
Leadership &
Prep/Distribution of
Produce

Business Analysis &
Planning for
Sustainability

Tiburcio Vasquez Health



Prenatal care and
Produce
Coupons to 30 Women

Nutrition Education /
Classes & Distribution of
Health Ed Materials