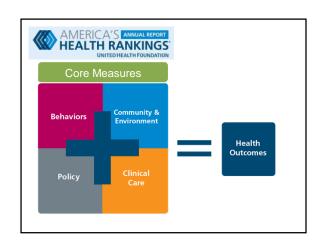


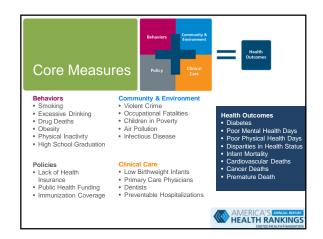
As Vermonters, we take great pride in our quality of life, strong communities, natural places and commitment to healthy living.

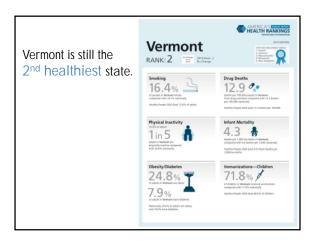
We share a common goal:

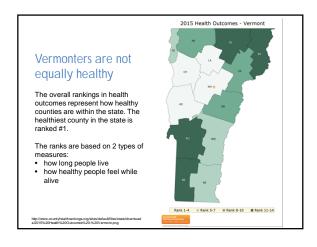
We share a common goal: to ensure that our state continues to be one of the healthiest and best places in the U.S. for all of us to live, work and play.

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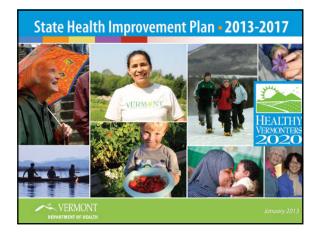












State Health Improvement Plan (SHIP)

The Health Department's priorities:
GOAL 1: Reduce prevalence of smoking & obesity

GOAL 2: Reduce the prevalence of substance abuse and mental illness

GOAL 3: Improve childhood immunization rates





How do we put this into practice?

□ Culture of Health:

What we do as a society

☐ Health in All Policies (HiAP):

What we do through governmental action

□ Health Impact Assessments (HIA):

A tool for assessing impact

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What is Health in All Policies?

- Collaborative approach to improving the health of all by incorporating health considerations into decision making across sectors and policy areas
- □ Ensures that decision-makers are informed about health consequences of various policy options during the decision making process



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Why Health in All Policies?

- Health is determined by factors outside health care
- Complex problems require team work across state agencies for collective impact
- Collaborative action brings opportunities for greater efficiency and accountability in government:
 - establish clear and achievable goals
 - track and maximize success

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Health in All Policies Task Force

Executive Order No. 7-15

The Health in All Policies (HiAP) Task Force will identify strategies to more fully integrate health considerations into all state programs and policies, and promote better health outcomes through interagency collaboration and partnership.

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Health in All Policies: Five Key Elements

- 1. Promotes health, equity and sustainability
- 2. Supports collaboration across sectors, disciplines, agencies
- 3. Benefits multiple partners
- 4. Engages stakeholders
- 5. Creates structural change



Health in All Policies: A Win for All

- meet Vermont's climate change goals
- plan sustainable communities
- improve air and water quality
- protect natural resources and agricultural lands
- increase availability of affordable housing
- improve infrastructure systems
- promote active lifestyles



Vermont Examples

- Health & Community Planning
 - Barre Town Plan
 - ECOS sustainability project
- Health & Housing
 - Support and Services at Home (SASH)
 - Indoor Air Quality and Lead Abatement
- Health & Agriculture & Food
 - Community Supported Agriculture (CSA)
 - Farm to School and Farm to Plate
- Health & Transportation
- Complete Streets

 - Health Impact Assessment
- Health & State Parks
 - Prescriptions for health



Vermont Department of

Opportunities for System-wide Change

- Create a legacy for health: institutionalize the vision for sustainability and health
 - $\hfill\Box$ Criteria and analytic tools to be used by all gov't branches
 - Interagency Task Force
- Use existing administrative authority
 - □ Healthy food procurement
 - Staff wellness programs
 - □ Contract and grant guidance
- Evaluate public policy proposals
- □ State-wide and Municipal Planning (PSB, Act 250, DRBs)

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Task Force Members

- Agency of Administration
- Agency of Agriculture
- Agency of Commerce and Community Development
- Agency of Education
- Agency of Human Services
- □ Agency of Natural Resources
- Agency of Transportation
- Natural Resources Board Public Service Department
- Public Service Board
- Vermont Housing and Conservation Board
- Vermont Housing Finance Agency

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HIA: A Tool for Implementing HiAP

Act 48 Sec. 11. HEALTH SYSTEM PLANNING, REGULATION, AND PUBLIC HEALTH

Charges the state with "recommending a plan to institute a public health impact assessment process to ensure appropriate consideration of the impacts on public health resulting from major policy or planning decisions made by municipalities, local entities, and state agencies.

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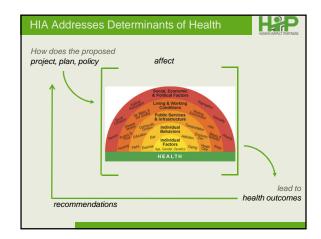
HIA Definition



Health Impact Assessment

A systematic process that uses an array of data sources and analytic methods and considers input from stakeholders to determine the potential effects of a proposed policy, plan, program or project on the health of a population and the distribution of those effects within the population. HIA provides recommendations on monitoring and managing those effects.

National Research Council of the National Academies, 2011







HIA: Essential Questions

- How will the proposed change impact health – positively or negatively?
- Are potential health benefits and risks distributed equitably?
- Are there ways in which the proposal can be modified to maximize beneficial impacts and minimize harmful ones?

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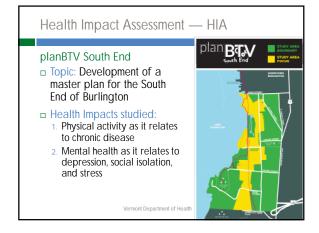
HIA Distinguishing Features

- Initiated to inform a decision-making process, and conducted in advance – decision point
- Utilizes a systematic analytic process best data
- Solicits and utilizes input from stakeholders community values
- Identifies appropriate recommendations, mitigations and/or design alternatives – improved decisions

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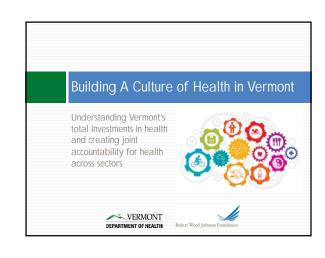
HIA Step	Description
Screening	Determines the need and value of an HIA
Scoping	Determines which health impacts to evaluate, methods for analysis, and a work plan
Assessment	Provides: 1) a profile of existing health conditions 2) evaluation of potential health impacts
Recommendations	Provide strategies to manage identified adverse health impact and maximize benefits to health
Reporting	Includes: 1) development of the HIA report 2) communication of findings & recommendations
Evaluation & Monitoring	Tracks and evaluates: 1) the process of conducting the HIA 2) impacts on decision-making processes and implementation of the decision 3) impacts of the decision on health outcomes

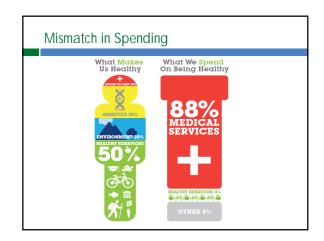
HIA: United States		
 Housing redevelopment Highway corridor redevelopment Pedestrian/bicycle trail development Highway bridge replacement Transit line Community transportation plan 	 Local area and comprehensive plans After-school programs Living wage ordinance Paid sick leave policy Coal-fired power plant Low income home energy subsidies Oil and gas leasing policies 	
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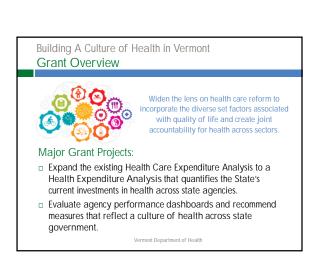


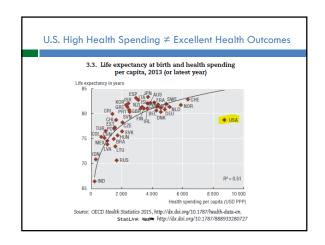


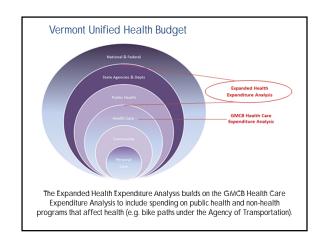








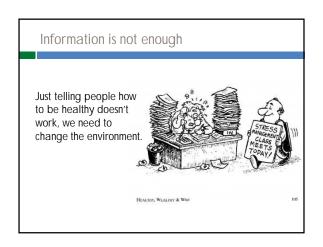




Expanded Health Expenditure Novel and ambitious A demonstration project Phase I- Develop framework; inventory total investments; simple analysis on spending across determinants of health Phase II- Deeper health impact analysis Health effects of investments on individuals and the population Monetary effects of specific investments, such as direct health savings (e.g. reduced future care spending) and other economic effects (e.g. productivity) Crosswalk investments and health outcomes with evidence-based interventions A tool for decision-makers and researchers to inform and analyze funding options Complimentary to other state health reform efforts and national initiatives A model for other states

Dashboard Recommendations Foster shared accountability for health across state government by applying a health lens to decision-making in non-health sectors Work together with agencies to identify opportunities to integrate performance measures that reflect a culture of health Two Types of Recommendations: Universal—Indicators that can be integrated in all agencies Eg. Incorporation of Health Impact Assessments in policies and grants Employee wellness services Agency/Department-Specific—Indicators unique to individual departments/agencies Eg. % of smoke-free affordable housing units Eg of Complete Street policies % of adults involved in social, civic, sports, religious groups % reduction in travel commute time





Behavioral vs. Standard Economics

Standard Economics

- Make rational decisions to maximize happiness
- Have all needed information
- Market forces correct mistakes

Rehavioral Economics

- Experience "bounded rationality"
- Impossible to have all needed information
 - Have limited information-processing abilities anyway
- Make repeated systematic decision errors

(Ariely, 2008)

Bad popcorn in big buckets:

portion size can influence intake as much as taste

- □ Moviegoers in Philadelphia
- □ Popcorn in medium and large buckets
- □ Fresh and 14 day old popcorn
- □ Large buckets + fresh popcorn +45%
- □ Large buckets + stale popcorn +34%

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Wansink and Kim, 2005



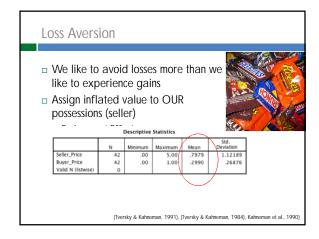
Choice Architecture in Action

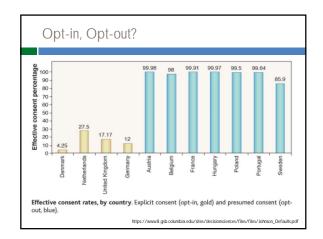


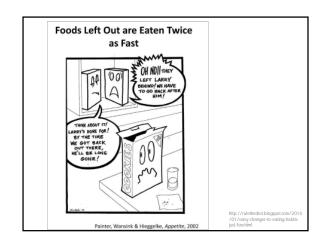
Choice Architecture in Action!











Make Sure to Digest This . . .

- Behavioral economics is the study of irrational decision making
- Many of our food and exercise decisions could be seen as irrational
- We use decision-making heuristics or shortcuts to direct our everyday choices
- Behavioral economic strategies such as arranging choice architecture, changing defaults, and providing incentives may help people make decisions that benefit their long-term health
- □ Behavioral economics is seriously cool and useful

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