

## Vermont Department of Health



House Human Services • Health Commissioner Mark Levine, MD • January 2019

## prevention Healthy support Vermonters promote equity Diving Communities

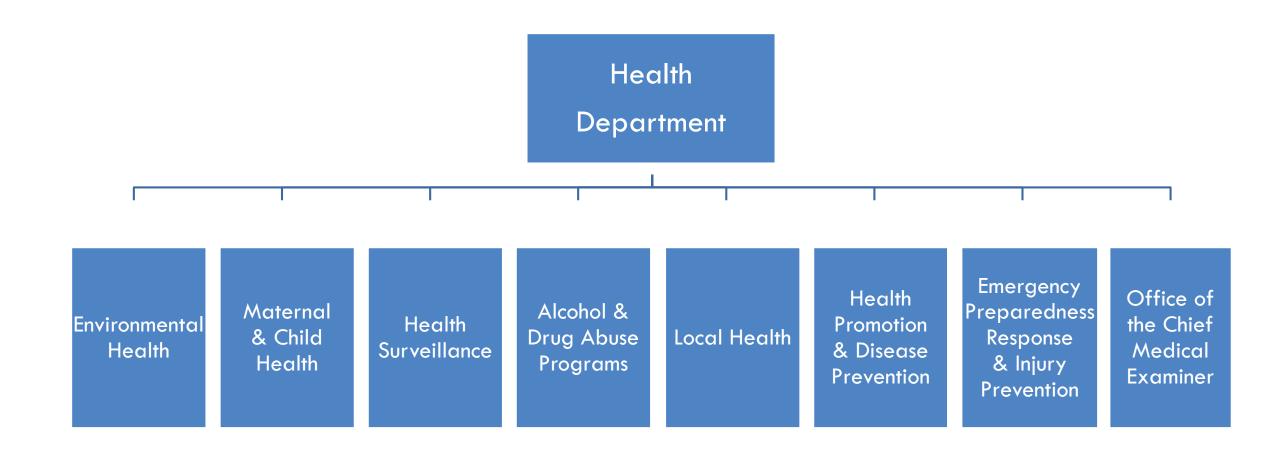
Healthy Vermonters living in healthy communities

## **Mission**

Protect and promote the best health for all Vermonters

- Effective and integrated public health programs
- Communities with the capacity to respond to public health needs
- Internal systems that provide consistent and responsive support
- A competent and valued workforce that is supported in promoting and protecting the public's health
- A public health system that is understood and valued by Vermonters
- Health equity for all Vermonters

## Health Department Organizational Structure



## Public health keeps kids healthy and communities strong

### Public health and prevention programs in your community:



Source: http://action.apha.org/site/PageNavigator/Infographic\_Page\_2012\_10\_04\_Round\_2.html

## Focus on broader population and health outcomes

Consider the health outcomes of a group of individuals, *including the distribution of such outcomes within the group*, in order to develop priorities and target action.

# Focus on prevention and wellness by patient, physician and system

Focus on actions taken to maintain wellness rather than solely on identifying and treating disease and illness.

## Focus upstream to include risk and protective factors

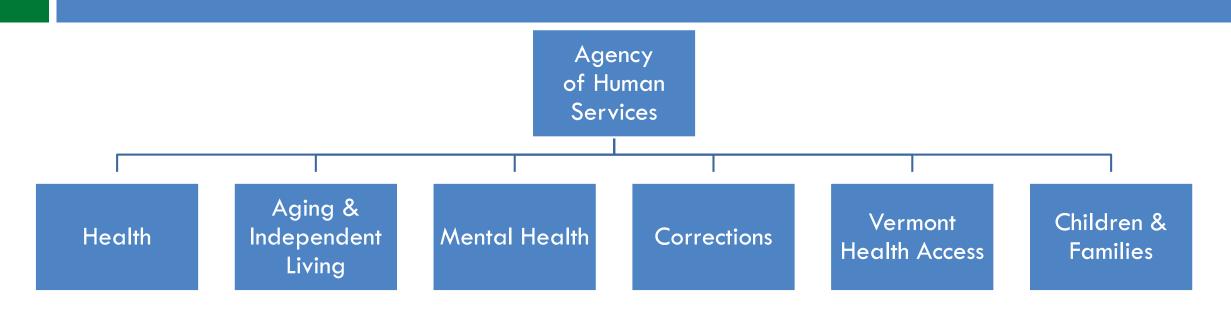
**Risk factors:** Lower likelihood of positive outcomes and a higher likelihood of negative or socially undesirable outcomes.

**Protective factors:** Enhance the likelihood of positive outcomes and lessen the likelihood of negative consequences from exposure to risk.

## Link to social determinants and environmental factors

The circumstances in which people are born, grow up, live, work, and age, as well as the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: economics, social policies, and politics.

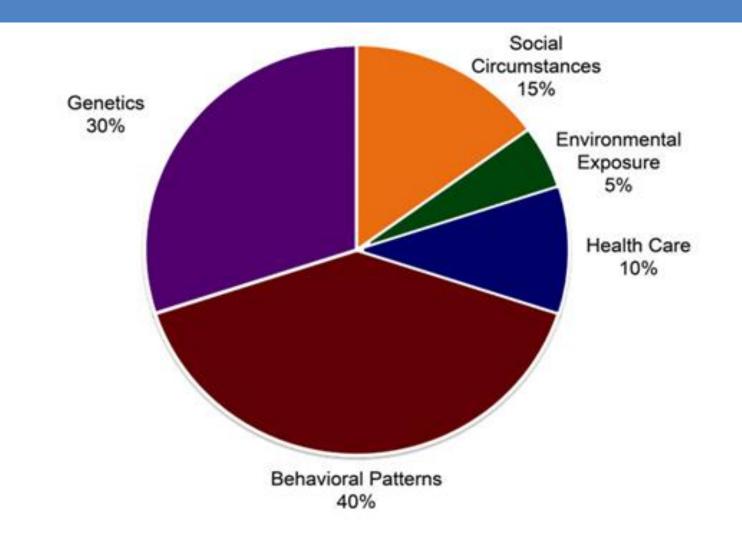
## Health works in concert with all other AHS departments.



#### EXAMPLES:

- DAIL falls and dementia
- Mental Health suicide prevention, zero suicide, and mental health-substance use crisis
- Corrections Medication-Assisted Treatment (MAT) and hepatitis C
- **DVHA** prescription drugs, Blueprint prevention and chronic disease management efforts
- DCF home visiting, impact of opioid crisis on families

## **Multiple Determinants of Health**



Source: N Engl J Med 2007;357:1221-8

## **Factors that Affect Health**

Smallest Impact

Counseling & Education

Clinical Interventions

Long-lasting Protective Interventions

Largest Impact Changing the Context to make individuals' default decisions healthy

### Socioeconomic Factors

Condoms, eat healthy be physically active

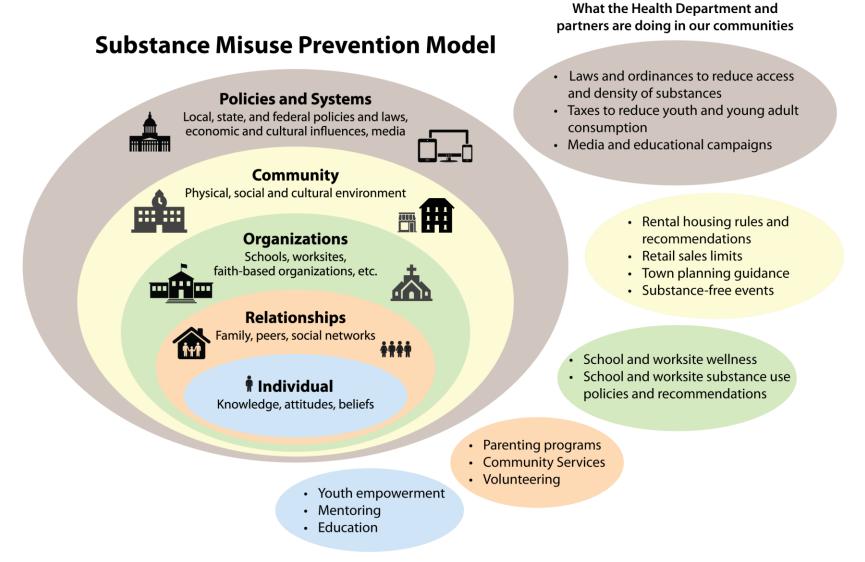
Rx for high blood pressure, high cholesterol

Immunizations, brief intervention, cessation treatment, colonoscopy

Fluoridation, 0g trans fat, iodization, smokefree laws, tobacco tax

Poverty, education, housing, inequality

## Prevention model applied



#### VISION

All people in Vermont have a fair and just opportunity to be healthy and to live in healthy communities

#### **Health Outcomes**

Children achieve their optimal development Communities support healthy living and healthy aging Vermonters have lifelong opportunities for oral health Vermonters demonstrate resilience and mental wellness Vermont creates the social conditions that promote health

#### State Health Improvement Strategies

Invest in policies and infrastructure Invest in programs that promote resilience, that create healthy communities - page 6. connection and belonging - page 8. Implement policies and promote norms that Expand access to home visiting programs. encourage physical activity and healthy eating, and discourage tobacco, alcohol, drug use/misuse. Promote the Strengthening Families system. Use health care reform and regulatory levers to Expand opportunities such as mentoring, peer support and after-school programs for youth. support access to food, housing, transportation. Expand housing and weatherization programs. Implement strong school health and wellness plans, policies and programs. Form partnerships and shared investments to expand transportation services. Create community supports for people in recovery. Expand community water fluoridation. Implement Zero Suicide in health care systems.

Expand access to integrated person-centered care - page 10.

Integrate oral health, mental health, substance use disorder prevention into primary care.

Create a universal system for developmental screening and referrals for children and families.

Implement SBINS\* for health behaviors, housing, transportation, food and economic security.

Integrate oral health into health care practice and other settings (nursing homes, schools, etc.).

Promote practice improvements and professional development for early care and learning providers. \* Screening, Brief Intervention & Navigation to Services

Adopt organizational and institutional practices that advance equity - page 12. Meaningful community engagement • Equitable programs, policies and budgets • Respectful care and services • Informed actions and decisions

## State Health Improvement **Outcomes & Strategies**

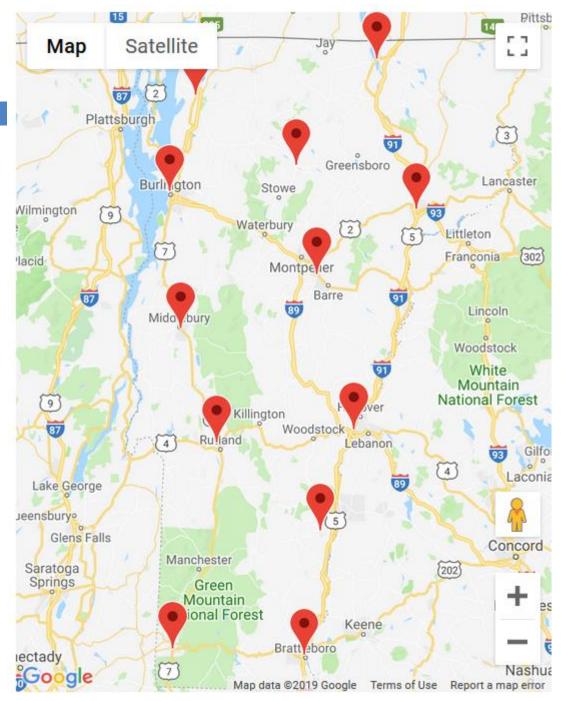


## EQUALITY VERSUS EQUITY



In the first image, it is assumed that everyone will benefit from the same supports. They are being treated equally. In the second image, individuals are given different supports to make it possible for them to have equal access to the game. They are being treated equitably.

In the third image, all three can see the game without any supports or accommodations because the cause of the inequity was addressed. The systemic barrier has been removed.



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## For More Information

### 2018 State Health Assessment

http://www.healthvermont.gov/about/reports/sha

### Scorecard for State Health Improvement Plan 2013-2017

<u>http://www.healthvermont.gov/about/performance/ship</u>

### Community Health Needs Assessment by HAS

http://www.healthvermont.gov/ia/CHNA/District/atlas.html