

From theory to practice— building effective collaborations between primary care and public health

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**PUBLIC HEALTH
INSTITUTE**
AT DENVER HEALTH™

DENVER HEALTH

An innovative health care system that is a model for success in the nation.

TRUE NORTH

Change the world by transforming the health of our patients and community.

VALUES

EXCELLENCE - We are better every day.

COMPASSION - We care for everyone.

RELENTLESSNESS - We fight for everyone.

STEWARDSHIP - We use resources responsibly.

LEARNING - We educate the next generation.



HEALTH CENTERS

Offering total family care in **10 neighborhood centers** where families need it the most – 640,000+ patient visits completed annually



PUBLIC HEALTH INSTITUTE AT DENVER HEALTH

Keeping the public safe through prevention, clinical services, and community outreach



ERNEST E. MOORE SHOCK TRAUMA CENTER

Region's top Level I Trauma Center for adults and Level II Center for children + whole family care



DENVER HEALTH PEDIATRICS AT DENVER PUBLIC SCHOOLS SCHOOL-BASED HEALTH

Keeping kids healthy in school by providing vital health care to Denver Public Schools students through **18 in-school clinics**, free of charge



ACUTE CENTER FOR EATING DISORDERS AND MALNUTRITION

Proving medical stabilization for patients with life-threatening eating disorders – credited with saving more than **2000 lives**



DENVER HEALTH MEDICAL CENTER

One of Colorado's busiest hospitals with **23,500+** inpatient admissions annually, ranked in the top 5% for inpatient survival



ROCKY MOUNTAIN CENTER FOR MEDICAL RESPONSE TO TERRORISM

Working every day to plan for the "what if" for **5 states**



ROCKY MOUNTAIN POISON AND DRUG SAFETY

Saving Lives with Answers, serving multiple states and over **100** national and international brands



DENVER HEALTH MEDICAL PLAN, INC.

Keeping our community healthy by providing healthcare insurance to **120,000+**



DENVER HEALTH FOUNDATION

Accelerating Denver Health's mission by providing resources for important projects and programs through fundraising and philanthropy



EMERGENCY RESPONSE

Operating Denver's emergency medical response system, the busiest in the state – handling **118,000+ emergency calls** and logging over 1.2 million miles on our emergency vehicles each year



NURSELINE

Registered nurses fielded over **216,000 calls** in 2020 – advising on medical information, home treatment, and when to seek additional care – giving patients peace of mind 24/7



DENVER CARES

Providing a **safe haven** and detox for public inebriates



CORRECTIONAL CARE

Providing **medical care to prisoners** in Denver's jails via telemedicine



DENVER HEALTH
— est. 1860 —
FOR LIFE'S JOURNEY

Where I come from

- Primary care provider for people with HIV infection
- Recently-retired Director of the Public Health Institute at Denver Health

Metro Denver Partnership for Health (MDPH)

A Collective Effort to Improve Health for Three Million Coloradans

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Access to Care

Care Delivery

Community Health

Coronavirus

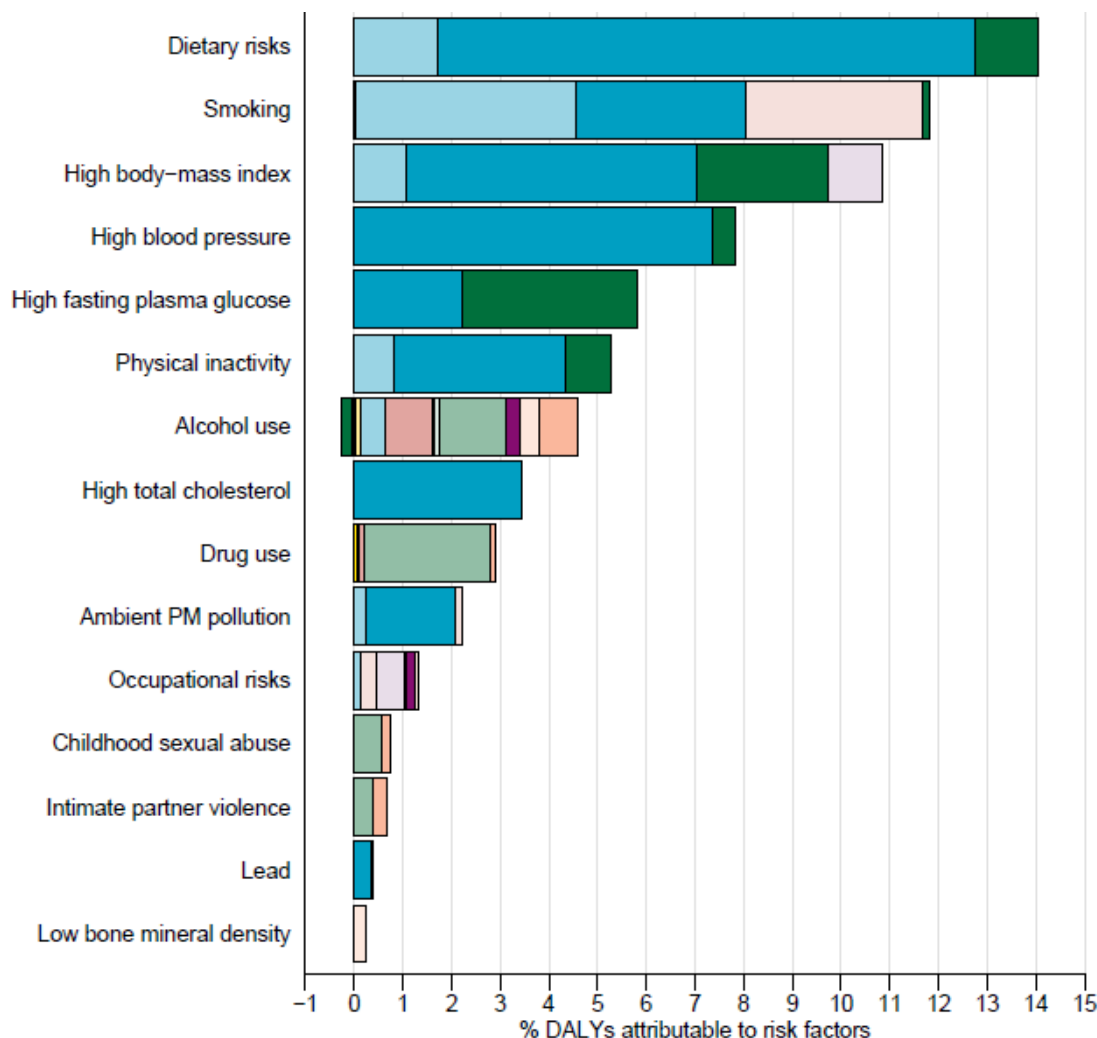
Health Equity

- 7 counties
- 6 public health departments
- 6 large healthcare systems
- 7 human services departments

<https://www.coloradohealthinstitute.org/research/metro-denver-partnership-health>

Why focus on tobacco and obesity?

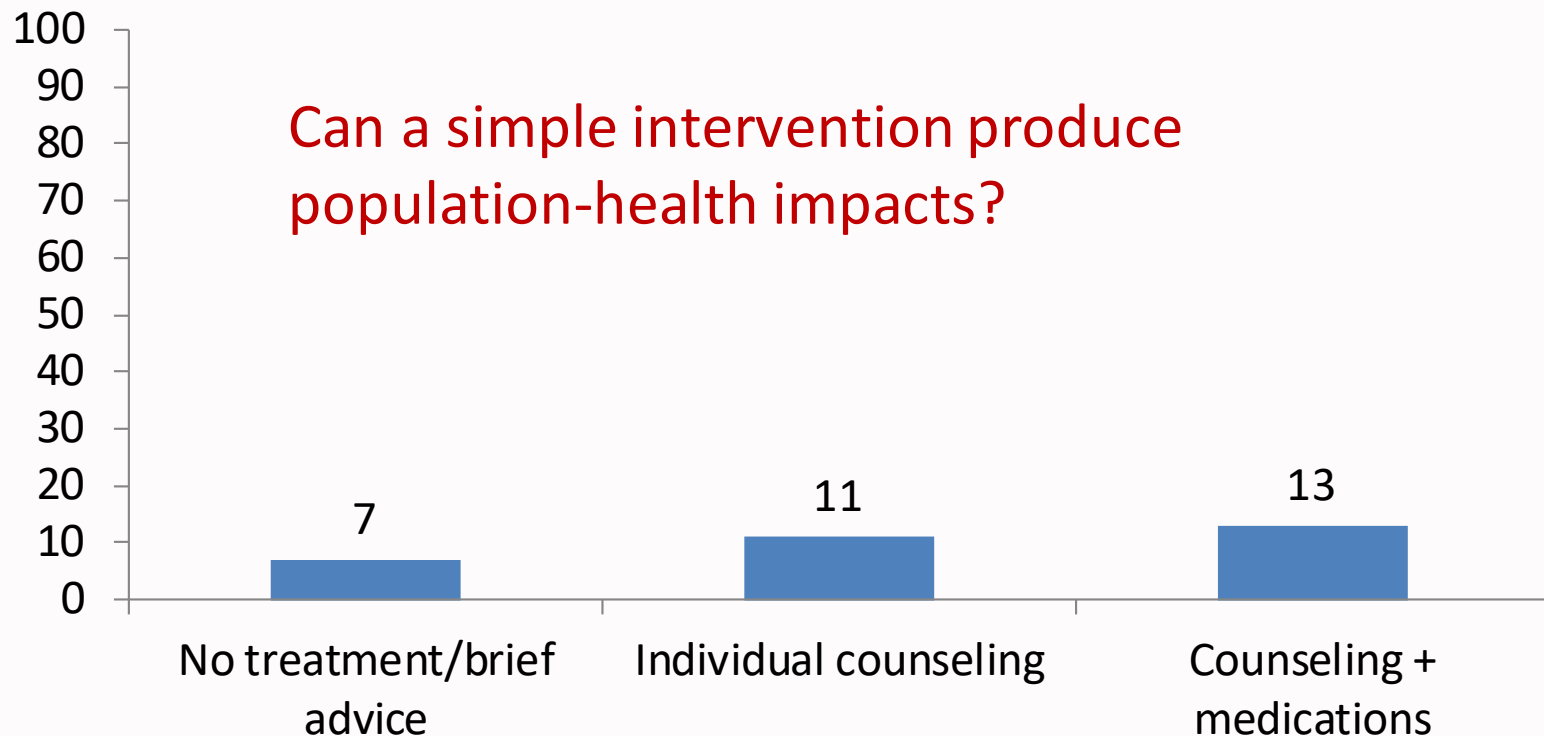
Burden of disease (morbidity + premature mortality) attributed to risk factors in the U.S., 2010



58% of the burden of disease in the U.S. is attributable to tobacco and the constellation of factors related to poor diet and lack of exercise

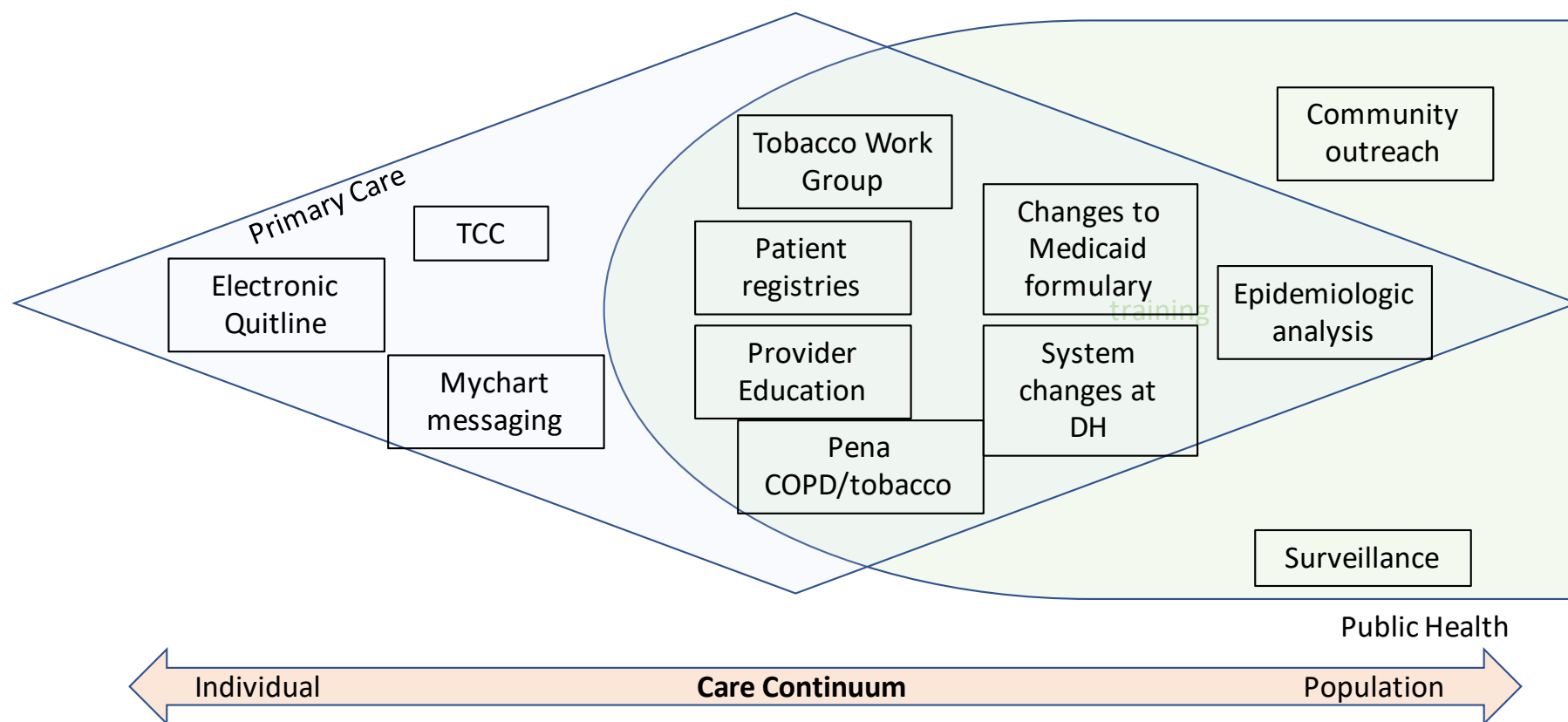
http://www.healthdata.org/sites/default/files/files/country_profiles/GBD/ihme_gb_d_country_report_united_states.pdf

Quit rates after clinical interventions

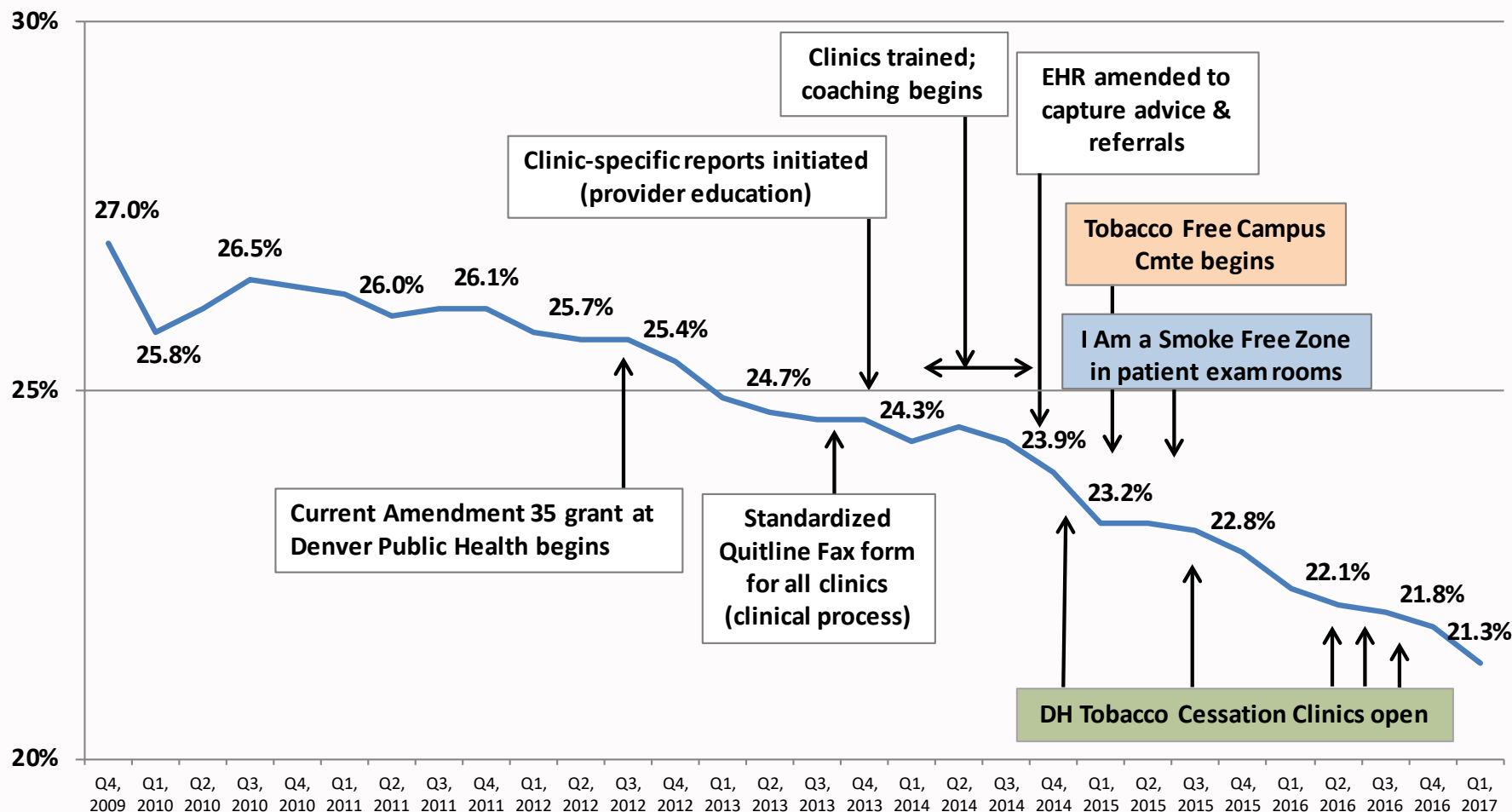


Lancaster T, Stead LF. Individual behavioural counselling for smoking cessation. Cochrane Database of Systematic Reviews 2017, Issue 3. Art. No.: CD001292. DOI:

Tobacco Related Ambulatory Care System and Public Health Activities After Collaboration



Results - changes in adult smoking prevalence, ACS clinics (2009-2017)



Current adult smoking prevalence – 15.9%

Lessons from tobacco control: keys to a successful intervention

- Alignment
 - Community Pillar, Patient Safety and Quality goal
 - Aligned community and clinical efforts
- Focus
 - Simple intervention (Ask, Advise, Refer)
- Reach
 - Involve the entire system: clinics (community health centers, specialty, dental, behavioral, public health), ED, hospital
- Quality improvement
 - Use LEAN tools to monitor and assure correct application of the intervention

Key elements in building effective collaborations between primary care and public health

Key element	Comment
Personal relationships	Trust enables collaboration on both chronic and urgent (COVID-19) community needs
Authentic, <u>funded</u> community engagement	Start with the community and pay them for being involved
Shared <u>and short</u> agenda	Use local data to identify key community health challenges
Know the pressures faced by your partners	Help your primary care partners meet the requirements of their funders
Clear role definition	<u>Public health</u> – community data, community connections, limited for primary prevention, training <u>Primary care</u> – trusted relationships with patients, motivated clinical staff, established QI programs
Meaningful metrics to drive QI	Demonstrate the need and then provide a sense of progress and momentum