

Vision Health Initiative

Improving surveillance and research

Jinan B. Saaddine MD, MPH

Centers for Disease Control and Prevention

Vision Health Initiative



Disclaimer

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

Financial Disclosure

I have no relevant commercial entity relationships or financial interests to disclose

Jinan B. Saaddine MD, MPH



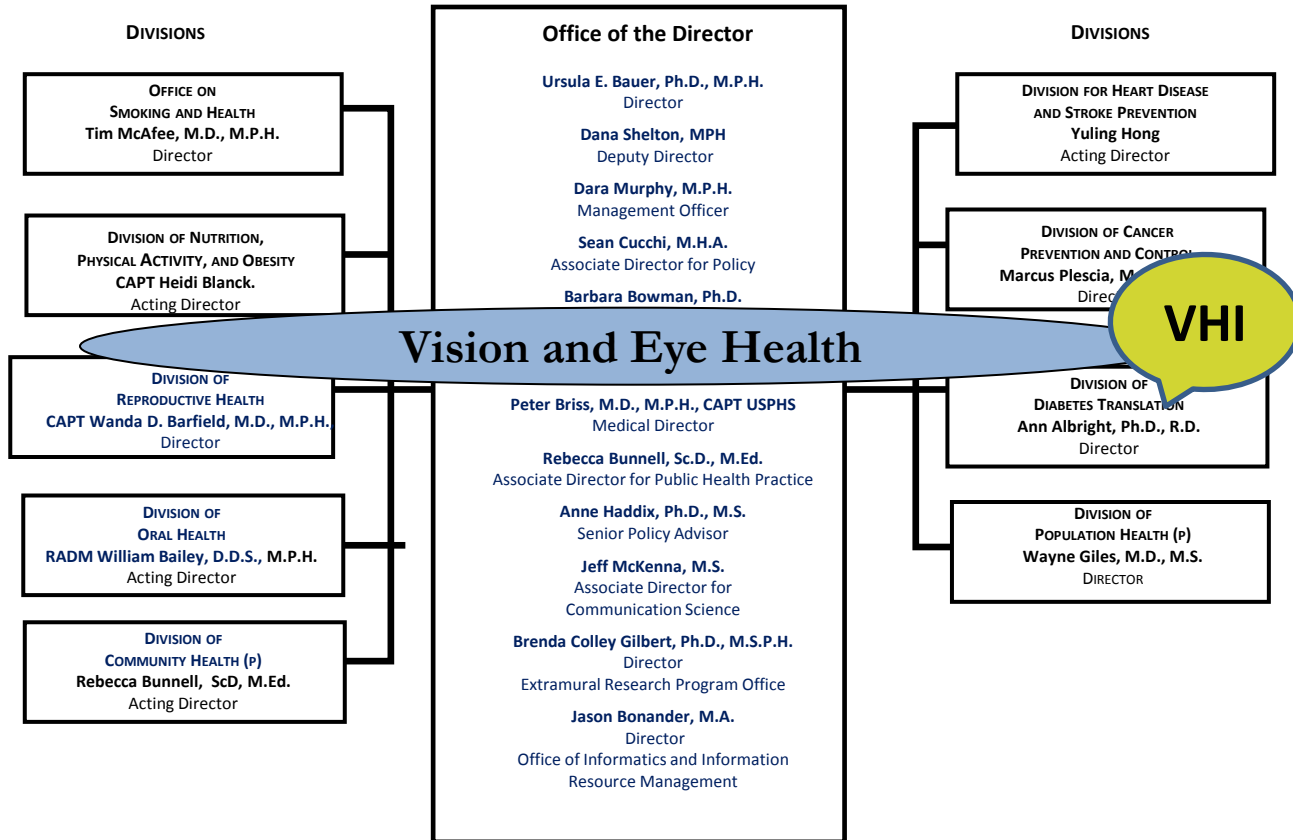


Centers for Disease Control and Prevention



VHI Home

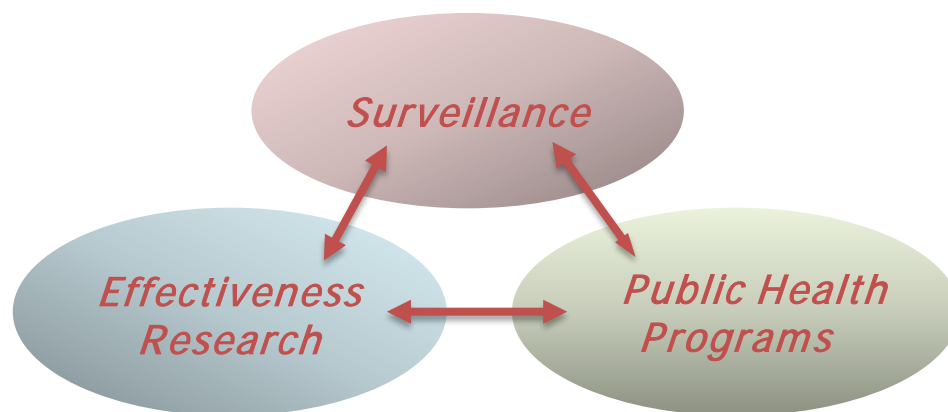
National Center for Chronic Disease Prevention and Health promotion





VHI Mission

VHI's *mission* is to enhance **public health surveillance** and **research** that provides the basis for **effective public health programs and policy decision** to reduce the burden of vision loss.



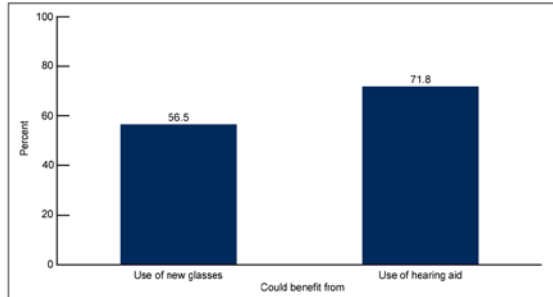
Why Public Health Surveillance

- Assess and **Monitor** the burden, risk factors, and disparity
- **Prioritize** programs
- **Evaluate** progress

The Changing Landscape of Surveillance National to Local

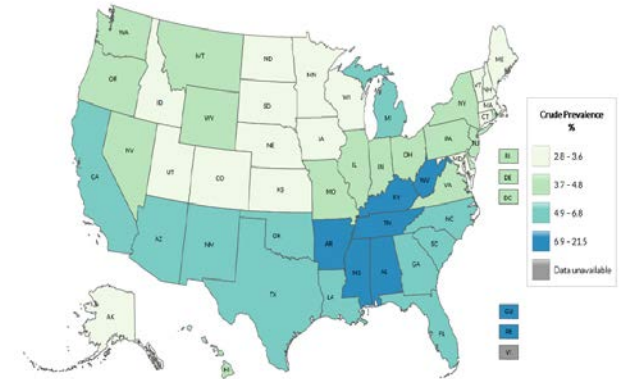
Individual level characteristics

Figure 6. The percentage of older Americans with vision or hearing problems who could benefit from using new glasses or a hearing aid

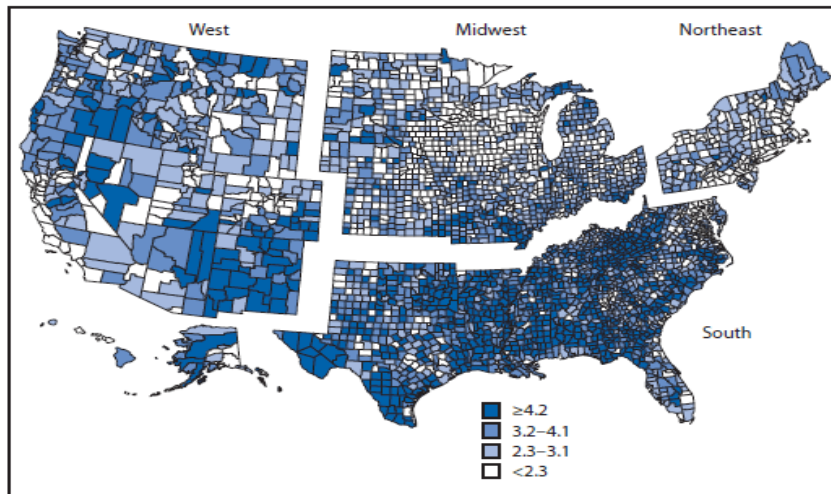


SOURCE: CDC/NCHS, National Health and Nutrition Examination Survey.

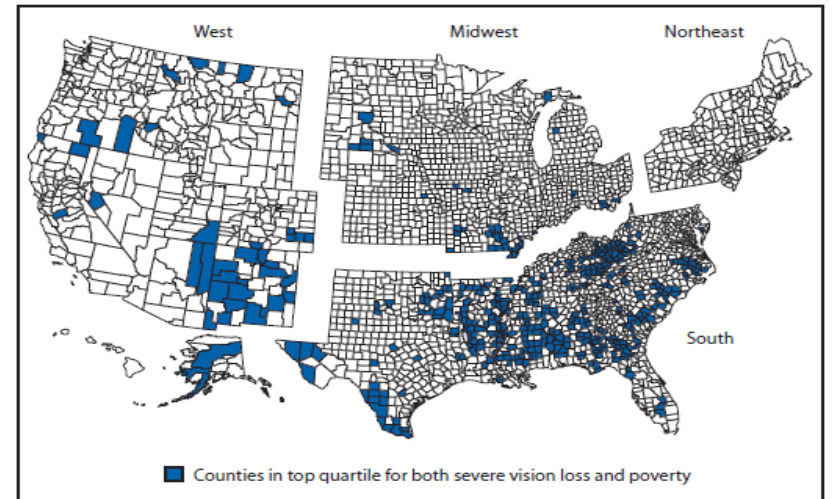
State specific



County estimates



Contextual



Glaucoma Project

Community-based Intervention



Reaching High Risk

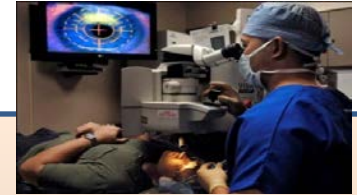
Identify and engage high risk people in underserved communities

Provide educational workshops



Detection

Provide ocular examination

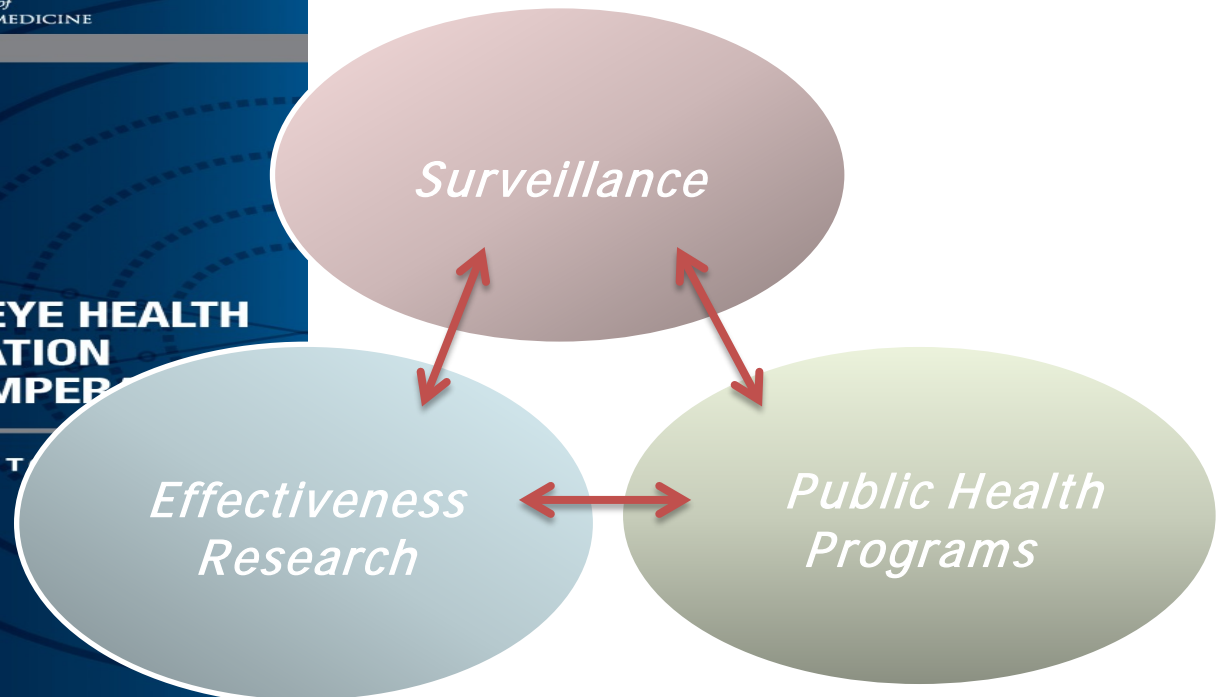


Referral/follow up

Ensure referral, management, and follow ups in individuals suspect of or diagnosed with glaucoma

Rigorous evaluation of the effectiveness of the intervention

Future Aspirations



The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Suggested citation: National Academies of Sciences, Engineering, and Medicine. 2016.

Making eye health a population health imperative: Vision for tomorrow. Washington, DC: The National Academies Press.

Future Surveillance Aspirations

- ❑ Continue and expand collaboration with other federal agencies, professional organizations, academic researchers, and the public health sectors to advise and assist with the national vision and eye health surveillance system
- ❑ Expand the use of BRFSS to better assess the burden within states
- ❑ Include vision and eye health assessment in NHANES to generate national and timely data
- ❑ Use existing data systems, such as the AAO IRIS registry, AAOMORE registry, and other EHRs

Future Research Aspirations

Focus on vision health disparity

Develop and implement evidence-based interventions with public health impact that can influence policy and clinical practice.

- Scaled up,
- Sustained, and
- Expanded nationwide

The only thing worse than being blind is having sight but no vision

Hellen Keller

Thanks

jsaaddine@cdc.gov

<http://www.cdc.gov/visionhealth/>