



Umair A. Shah, MD, MPH
Secretary of Health, Washington

Washington State Department of Health

- DOH is proud to serve **all people** in the great state of Washington.
- The Evergreen State was named “**Best State**” by U.S. News to measure how states are performing on behalf of their residents.
- The state of Washington – with its unparalleled natural beauty from **volcanoes** and **rain forests** to wineries and beaches.
- Dynamic economy thanks to our **tech sector** and other industries; creative and hardworking Washingtonians who are a **vibrant** part of our communities and economies.
- WA state is home to **nearly 8 million people**, **18th largest state** by size, **39 counties**, and **29 federally recognized tribes** and several **urban Indian** health organizations.



What is Public Health?

“What we as a society do ***collectively*** to assure the conditions in which people can be healthy.”

- *The future of the Public's Health in the 21st Century, Institute of Medicine, 2003*



Health

*Where Equity,
Innovation and
Engagement meet*

*Public
Health
Challenges
and
Solutions
Do not
Recognize
Borders*



#InvisibilityCrisis

THREE V'S OF PUBLIC HEALTH

Visibility

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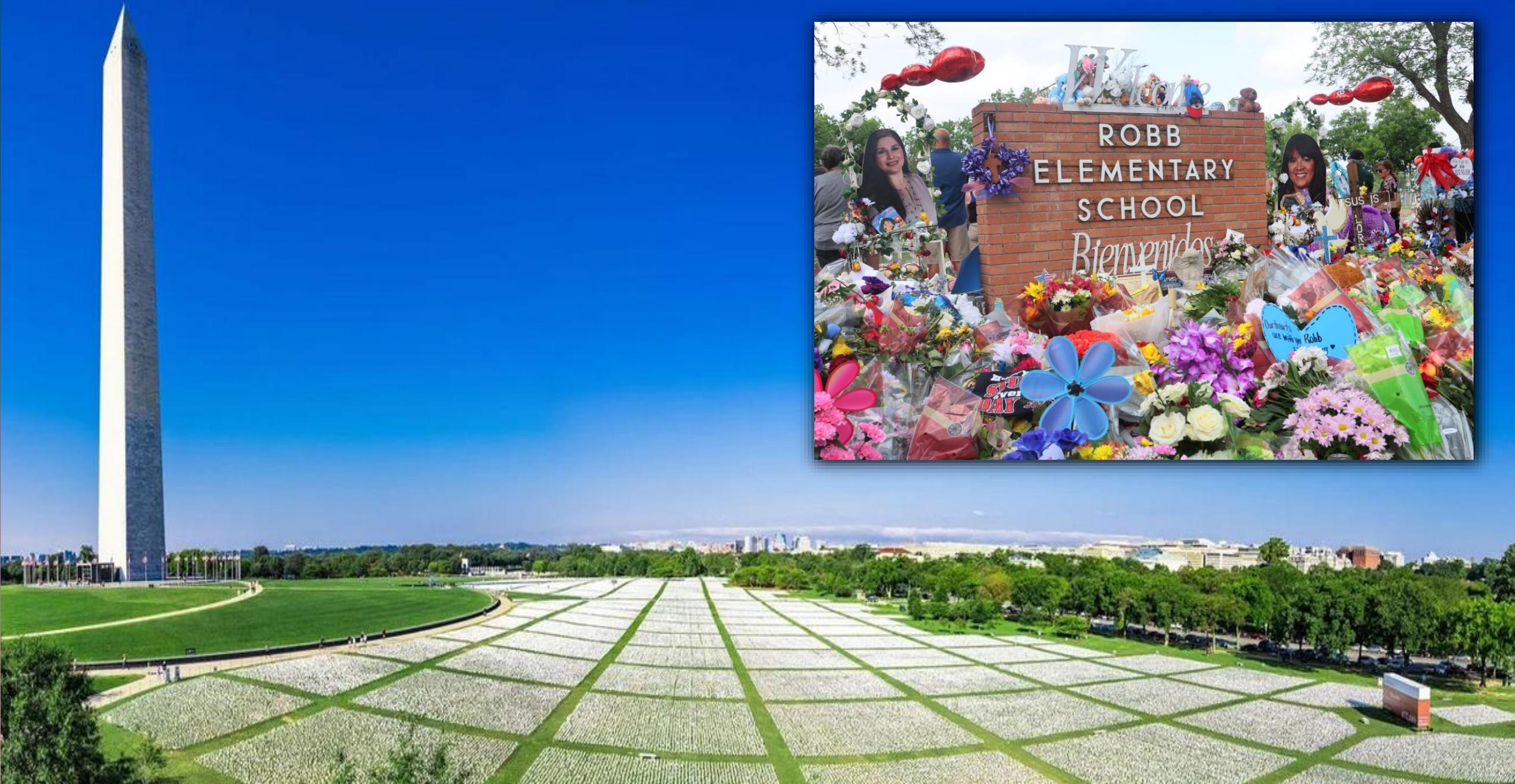
Value

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Validation

OFFENSIVE LINE





That Day . . . January 21, 2020

Health | Local News | Nation | Nation & World | Northwest | World

Snohomish County man has the United States' first known case of the new coronavirus

Jan. 21, 2020 at 10:58 am | Updated March 11, 2020 at 1:08 pm



1 of 3 | At a news conference at the Washington state Department of Health's Public Health Laboratories on Tuesday, Dr. Satish Pillai of the Centers for Disease Control and Prevention joined other health professionals to discuss... (Greg Gilbert / The Seattle Times) [More](#)



The NEW ENGLAND JOURNAL of MEDICINE

BRIEF REPORT

First Case of 2019 Novel Coronavirus in the United States

Michelle L. Holshue, M.P.H., Chas DeBolt, M.P.H., Scott Lindquist, M.D., Kathy H. Lofy, M.D., John Wiesman, Dr.P.H., Hollianne Bruce, M.P.H., Christopher Spitters, M.D., Keith Ericson, P.A.-C., Sara Wilkerson, M.N., Ahmet Tural, M.D., George Diaz, M.D., Amanda Cohn, M.D., LeAnne Fox, M.D., Anita Patel, Pharm.D., Susan I. Gerber, M.D., Lindsay Kim, M.D., Suxiang Tong, Ph.D., Xiaoyan Lu, M.S., Steve Lindstrom, Ph.D., Mark A. Pallansch, Ph.D., William C. Weldon, Ph.D., Holly M. Biggs, M.D., Timothy M. Uyeki, M.D., and Satish K. Pillai, M.D., for the Washington State 2019-nCoV Case Investigation Team*

SUMMARY

An outbreak of novel coronavirus (2019-nCoV) that began in Wuhan, China, has spread rapidly, with cases now confirmed in multiple countries. We report the first case of 2019-nCoV infection confirmed in the United States and describe the identification, diagnosis, clinical course, and management of the case, including the patient's initial mild symptoms at presentation with progression to pneumonia on day 9 of illness. This case highlights the importance of close coordination between clinicians and public health authorities at the local, state, and federal levels, as well as the need for rapid dissemination of clinical information related to the care of patients with this emerging infection.

The Public Health Journey

The New York Times Magazine Account ▾

FEATURE

Why We're Losing the Battle With Covid-19

The escalating crisis in Texas shows how the chronic underfunding of public health has put America on track for the worst coronavirus response in the developed world.



THE IMPACT OF THE COVID-19 PANDEMIC MARCH 2022

Rising Stress and Burnout in Public Health

Results of a National Survey of the Public Health Workforce

KEY FINDINGS:

- More than half of public health employees report at least one symptom of **post-traumatic stress disorder**
- Many public health workers, especially executives, report **bullying, threats, and harassment**
- Nearly 1 in 3 public health employees say they are **considering leaving their organization within the next year**
- Public health employees are **committed to their jobs and their communities**

Two years of COVID response have contributed to increased stress and burnout, as well as post-traumatic stress symptoms, according to the Public Health Workforce Interests and Needs Survey (PH WINS), conducted between September 2021 and January 2022. At the same time, public health workers report that they remain committed to their jobs and communities. The survey by the de Beaumont Foundation and the Association of State and Territorial Health Officials collected the perceptions of nearly 45,000 staff in state and local government public health departments.

Conducted in 2014, 2017, and 2021, PH WINS is the only nationally representative survey of state and local government public health employees. The survey collects information on engagement and satisfaction, intent to leave, training needs, and public health's most pressing issues, as well as demographic information.

This research brief describes key findings from PH WINS 2021 related to satisfaction and engagement, mental health, and intent to leave. Additional data and analysis, including a methodological report, will be released in summer 2022 to provide a more detailed picture of the issues and needs of this vital workforce.

PHWINS
PUBLIC HEALTH WORKFORCE INTERESTS AND NEEDS SURVEY

Sign up to be notified when the detailed findings from PH WINS 2021 are available.



Re-Imagining COVID-19 Response

- **Care-A-Van**
- **Vaccine Action Command & Coordination System (VACCS) Center**
- **Vaccine Implementation Collaboratives (VICs)**
- **WA Notify App**
- **WA Verify App**
- **Power of Providers (POP)**
- **Say Yes! COVID Test**



Power of Providers



**Vaccinate
WA** 
CovidVaccineWA.org

DATA DRIVING ACTION:
Using data from the **Social Vulnerability Index (SVI)** to COVID-19 mapping tool to select sites for our Care-a-Van mobile vaccination efforts

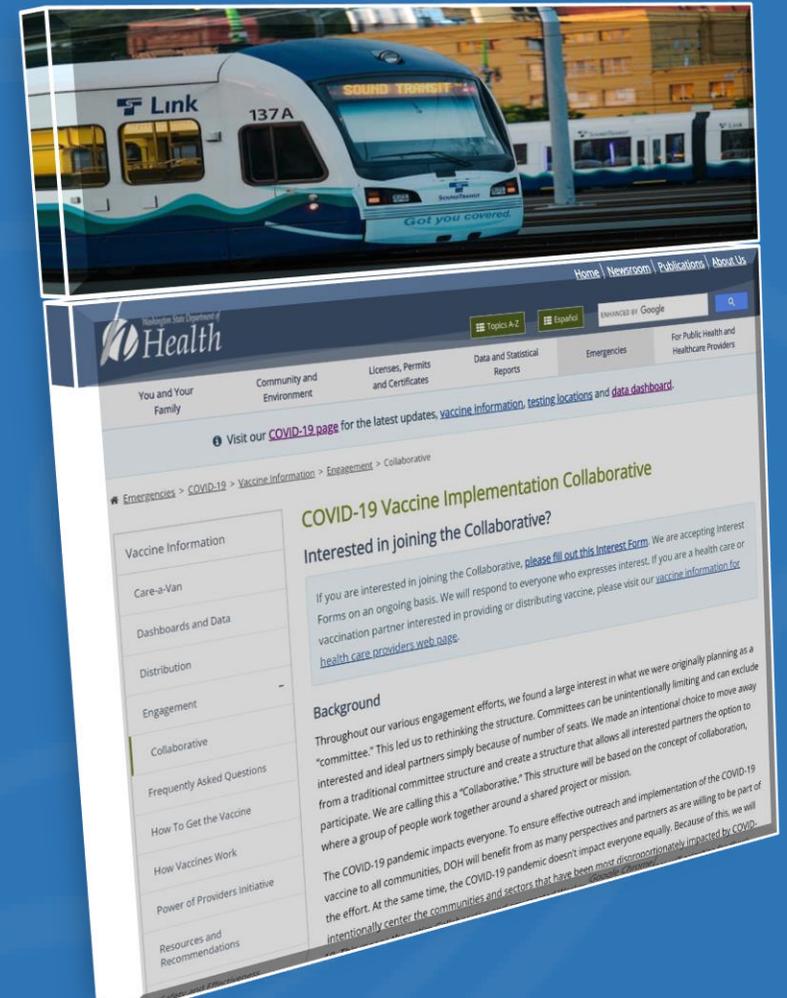
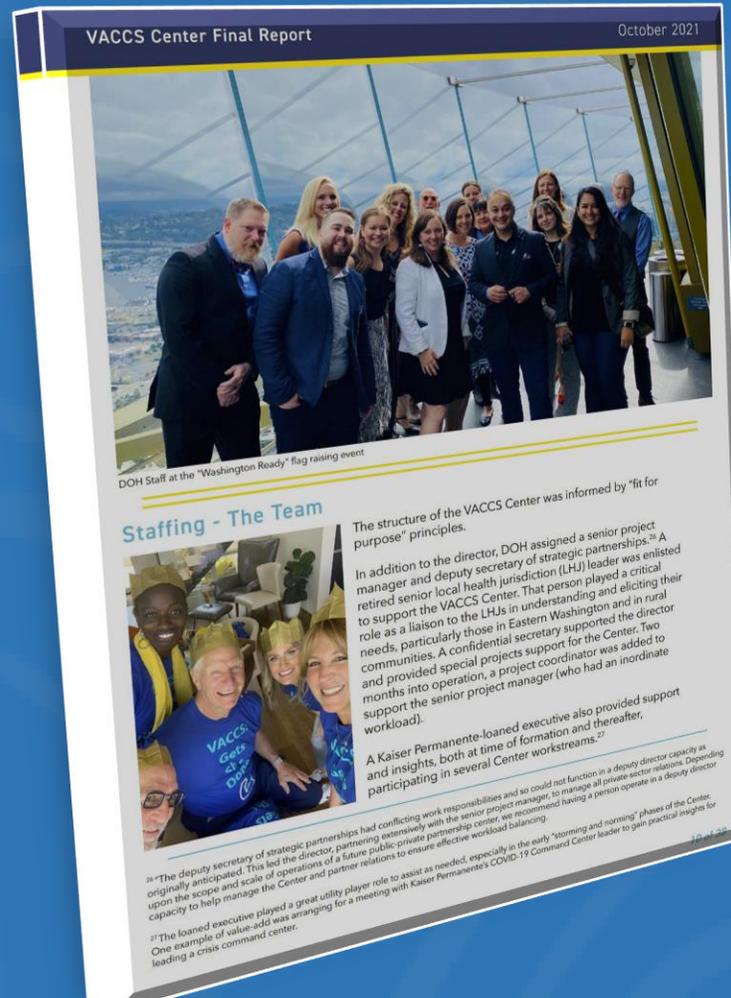
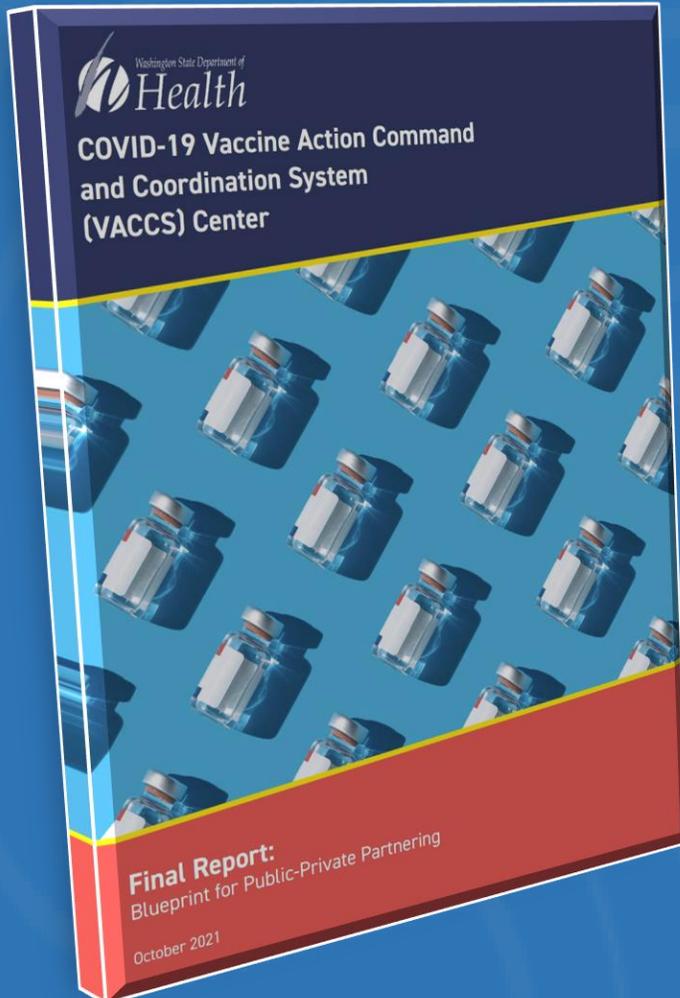


August 13
1 - 6 PM

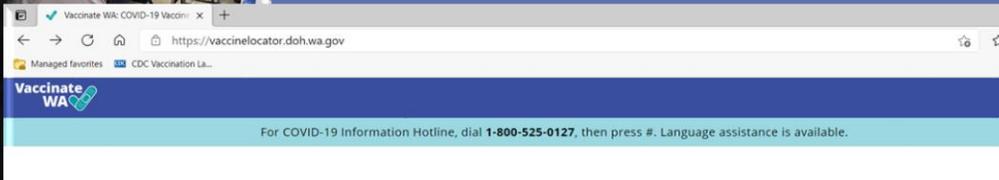
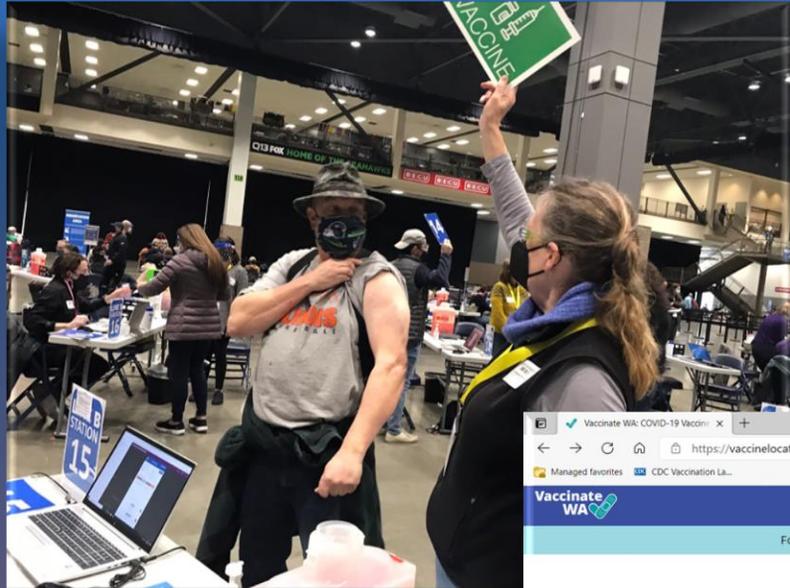
Pasifika Food NETwo
5700 E. 18th St.
Vancouver



VACCS: Public-Private Partnerships to Vaccinate Effectively, Efficiently, and Equitably



Importance of Partnerships & Leading with Equity



Find COVID-19 vaccine appointments.

Enter ZIP code (within 50 miles)



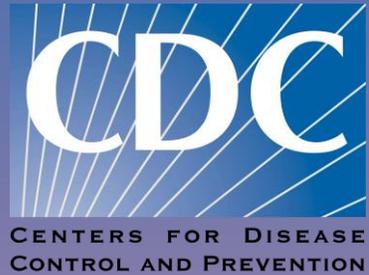
Importance of Strategic Partnerships



Microsoft



BILL & MELINDA
GATES foundation



SOUNDTRANSIT



KAISER PERMANENTE



Providence
Medical Group



UNIVERSITY of
WASHINGTON





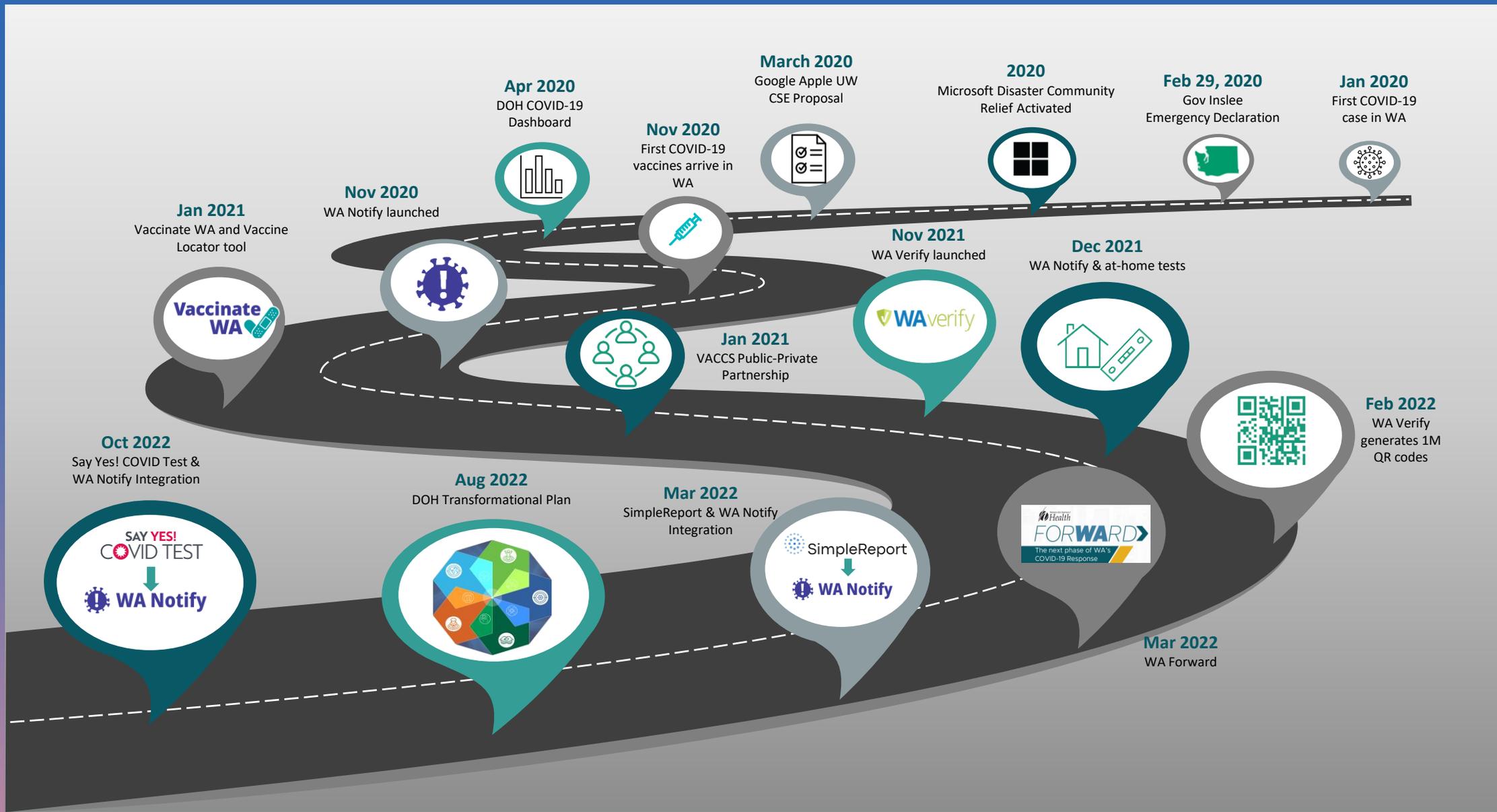
Washington State

◆ Department of Health

◆ Environmental Health

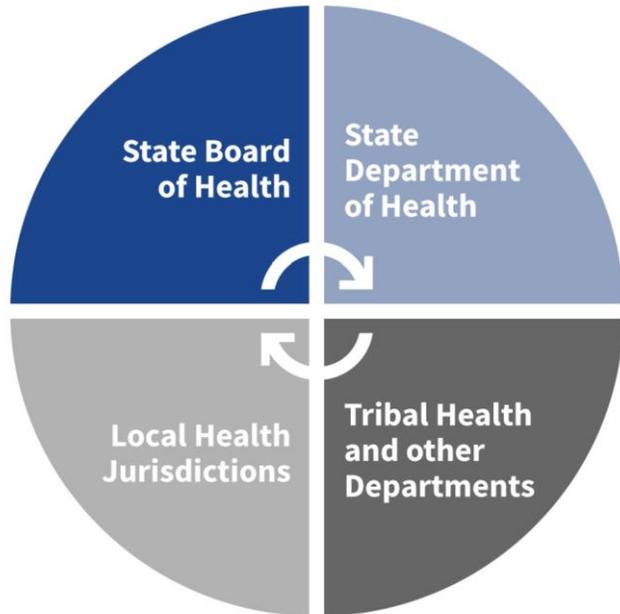
◆ Systems Quality

◆ Labor & Industries
◆ Division of Child Support
◆ Financial Institutions



Investing in Health Infrastructure

GOVERNMENTAL PUBLIC HEALTH SYSTEM



Local Health Jurisdictions

Historically, a combination of local, state, and federal resources has financed services provided to local health jurisdictions. These include:

- Local funds: county general funds, licenses, permits, and fees for services
- State funds: contracts for specific programs, flexible funds to meet local needs, and reimbursement for services (i.e., Medicaid reimbursement)
- Federal funds: contracts for specific programs and reimbursement for performing specific services passed through the state Department of Health)
- Other funding—such as federal or private grants

The mix of these funds and the conditions attached to their use have changed over time.

Local Health Jurisdictions Funding Information Resources

- [Consolidated Contracts](#) - Activity logs, billing instructions, forms, reports, and program information
- [Budgeting, Accounting and Reporting System \(BARS\)](#)
- [Background of Local Public Health Funding in Washington State \(2008 PHIP, Appendix 2\)](#)
- [Preventive Health and Health Services Block Grant](#) - Federal financial support for the Healthy Communities Program, sexual assault support services and public health outreach efforts.
- [Maternal and Child Health Block Grant](#)
- [Puget Sound Local Management Plan Funding](#) - Source of public health monies provided by the state legislature to 12 Puget Sound LHJs to implement on-site sewage system management plans as required by [Chapter 70.118A RCW](#).



Agency Request Legislation — 2019

Foundational Public Health Services (FPHS)

HB 1497
SB 5732



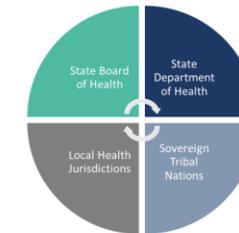
Foundational Public Health Services

Healthy. Vital. Everyone. Everywhere.

Foundational Public Health Services (FPHS) are services uniquely provided by government and on which the public depends for healthy and economically vital communities. In 2018, the Department of Health, State Board of Health, local health jurisdictions, Sovereign Tribal Nations and Indian health programs completed an assessment that produced an estimate of what the state would need to provide to fully fund foundational public health services as they are delivered today. That estimate is \$450 million/biennium.

health, the cross-cutting capabilities that support them, and assessment, the estimate comes to \$296 million/biennium. Examples of services potentially covered by these dollars include:

Governmental Public Health System



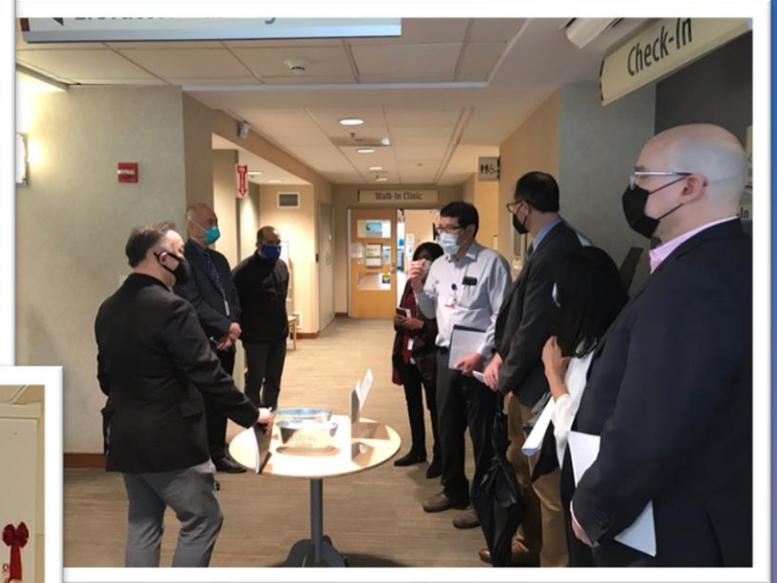
- Innovative approaches to service delivery like the Washington State Tuberculosis Collaborative Network and other models that make best use of limited public health resources and workforce.
- Keeping kids safe by working with providers to test more at-risk kids for lead exposure, and partnering with other state and local agencies to find and replace any fixtures leaching lead into school drinking water.
- Helping growing counties across the state keep up with communicable disease cases by streamlining disease investigations and improving follow-up times.

When looking at the gap for a subset of Foundational Public Health Services that includes critical work in communicable disease control, environmental public

Foundational Public Health Services received an allocation of \$22 million/biennium in the Governor's budget for 2019-2021.



Investing in Systems Partners



Investing in Community



THANK YOU HANNAH
FOR GETTING ME A
COVID-19 VACCINATION
WHEN NO ONE ELSE COULD
NOT GET ME ONE



Investing in People



Engagement with People Using Technology

- WA Notify Exposure Notification
- Award-winning promotional materials available in the WA Notify Partner Toolkit
- Translated in 30+ languages



SAY COVID TEST
YES! KEEP OUR COMMUNITIES SAFE

- Direct-to-Consumer testing program developed by CareEvolution in coordination with National Institutes of Health, the CDC, and Amazon
- Initially piloted by NIH in select Washington counties in Fall 2021
- Provides low-barrier access to Covid-19 at-home antigen tests, delivered rapidly via Amazon's Multi-Channel Fulfillment model



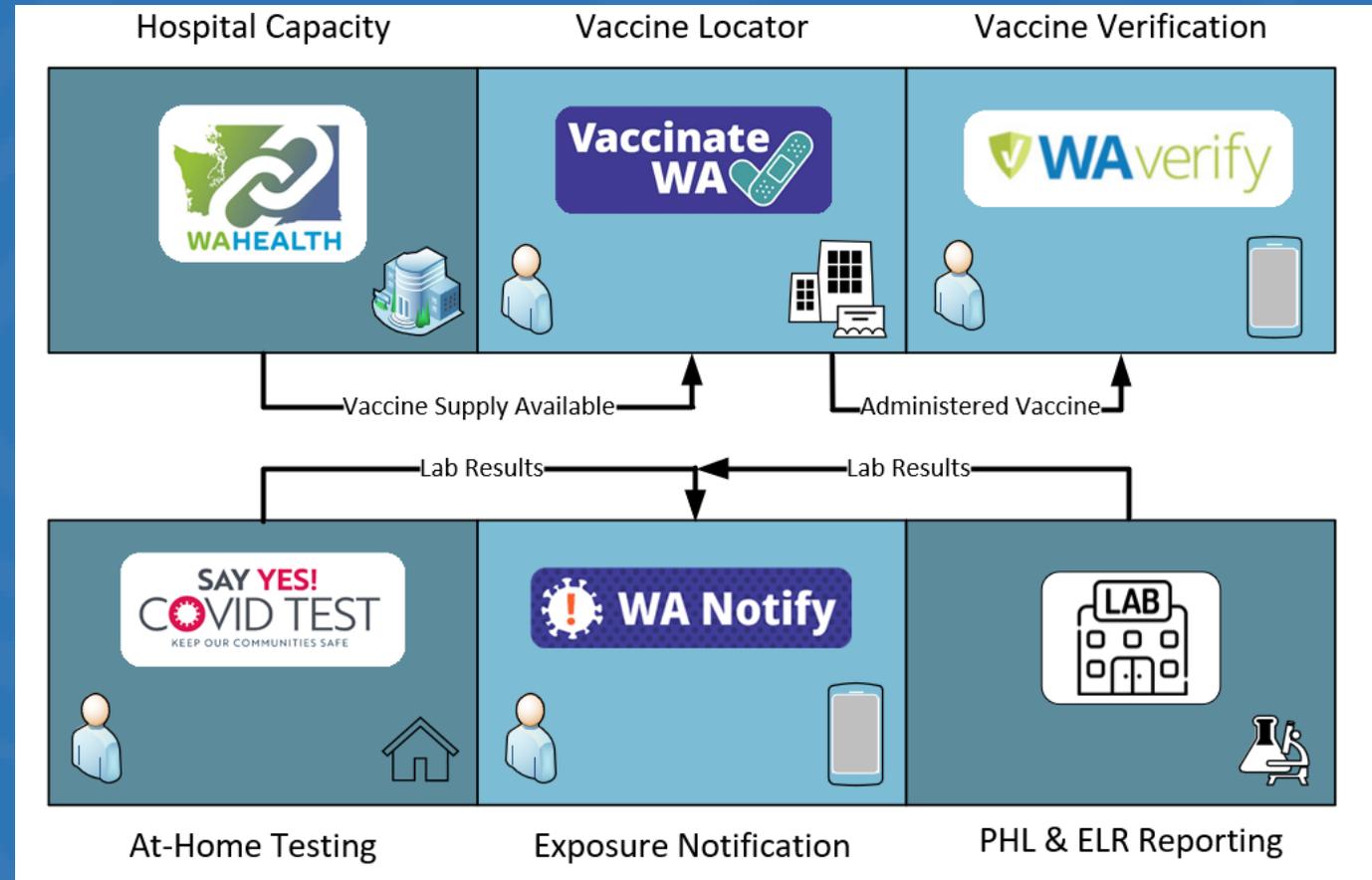


Integration of WA Notify with Result-Reporting Platforms

- Automated Exposure Notification verification code distribution for positive COVID-19 results upon result submission
- **SimpleReport** for Point of Care tests
- **Say Yes! COVID Test** for at-home tests
- Opportunity to integrate code distribution and reporting through **Make My Test Count**



Shared Successes to Protect Washingtonians



 Directly assists the general public

A Long Road Ahead - Public Health Never Sleeps



FROM
Transactional
Health

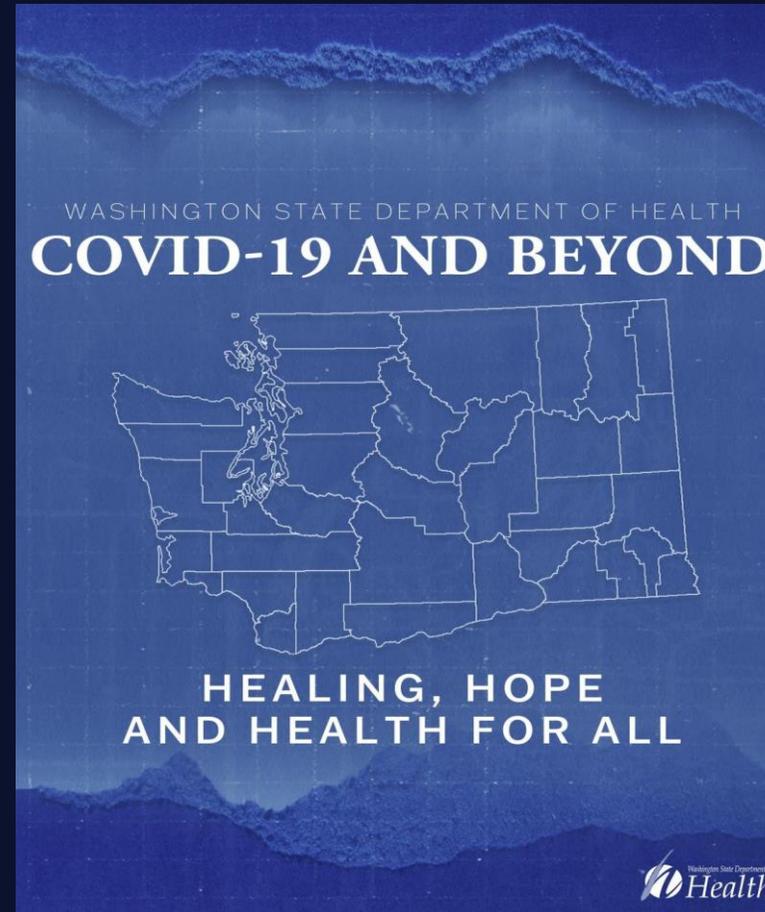
TO

Transformational Health



WASHINGTON STATE DEPARTMENT OF HEALTH
TRANSFORMATIONAL PLAN
A VISION FOR HEALTH IN WASHINGTON STATE

- Summation of **year-long process of engagement** – both internally and externally, formally and informally (in the context of fighting COVID-19)
- Leveraged numerous in-person and virtual **“Blueprint” convenings** - *“COVID-19 and Beyond: Healing, Hope and Health For All”*
- Extensive **review of internal** programming and activities within DOH, as well as **emerging themes in public health** practice
- Built upon **Governor Inslee’s** January 2021 challenge to **“reimagine public health”**
- Plan includes five **Transformational Priorities** along with a commitment and six actions for each priority (thirty in total)
- Utilizes **“EIE”** frame and **“3V’s of Public Health”**





WASHINGTON STATE DEPARTMENT OF HEALTH
TRANSFORMATIONAL PLAN
 A VISION FOR HEALTH IN WASHINGTON STATE

OUR PRIORITIES AND VISION FOR TRANSFORMATIONAL HEALTH



I. HEALTH AND WELLNESS

All Washingtonians have the opportunity to attain their full potential of physical, mental, and social health and well-being.



II. HEALTH SYSTEMS AND WORKFORCE TRANSFORMATION

All Washingtonians are well served by a health ecosystem that is robust and responsive, while promoting transparency, equity, and trust.



III. ENVIRONMENTAL HEALTH

All Washingtonians will thrive in a broad range of healthy environments — natural, built, and social.



IV. EMERGENCY RESPONSE AND RESILIENCE

All Washington communities have the information and resources they need to build resilience in the face of myriad public health threats and are well-positioned to prepare for, respond to, and recover from emergencies and natural disasters.



V. GLOBAL AND ONE HEALTH

All Washingtonians live in ever-connected environments that recognize and leverage the intersection of both global and domestic health as well as the connections of humans, animals, and the environment.

TRANSFORMATIONS IN ACTION



INNOVATION AND TECHNOLOGY



COMMUNITY CENTERED



VISIBILITY AND VALUE



EQUITY DRIVEN



COLLABORATIVE ENGAGEMENT

CORNERSTONE VALUES: EQUITY • INNOVATION • ENGAGEMENT
VISION: EQUITY AND OPTIMAL HEALTH FOR ALL



PRIORITY II. HEALTH SYSTEMS AND WORKFORCE TRANSFORMATION

VISION
All Washingtonians are well served by a health ecosystem that is robust and responsive, while promoting transparency, equity, and trust.

COMMITMENT
We will align skills, resources, and partnerships to ensure our health systems and infrastructure capabilities are scalable, responsive, and modernized to promote data driven and innovative approaches to improving health. We will build and transform our systems to be accessible and responsive to Washingtonians regardless of who they are or where they live.

- KEY STRATEGIES**
- Invest in and support** secure and innovative health information technologies and infrastructure supports that will enable partners to access and exchange information that addresses whole person health in a culturally and linguistically respectful way.
 - Ensure** our public health, health care, and community-based partners and their workforce have the data, technology, and system supports they need to build and utilize connections among health, social, and community initiatives.
 - Champion** the recruitment, development, and retention of a strong, capable, and diverse and inclusive state, local, and Tribal public health workforce and further policies and efforts that support, invest in, and diversify our health system workforce.
 - Strengthen** the collection, analysis, linkage, and dissemination of timely, accessible, and actionable health data, guided by community priorities, to inform better community level interventions and initiatives that improve both individual and population health.
 - Co-create** robust data sharing capabilities and systems with local health jurisdictions, with Tribes honoring Tribal data sovereignty, and other stakeholders to support better detection, understanding, and addressing of the burden of disease and health inequities.
 - Invest in and leverage** previously developed tools, technologies, and strategies, including newer ones utilized during the COVID-19 pandemic such as interactive dashboards, communications pathways, and geospatial mapping to assist individuals, communities, health systems, and policy makers, to make data-informed decisions to promote health.



DOH TRANSFORMATIONAL PLAN: A VISION FOR HEALTH IN WASHINGTON STATE | 4

RESPONSE AND RESILIENCE



- ...information... and are well-... and recover...
...eats... and response... community... variation... rts will learn... se activities... resilient
- Collaborate** with a myriad of community-rooted organizations, disaster response and recovery partners, and interagency partners to develop, share, and act upon key information in culturally and linguistically appropriate ways related to hazards and emergencies.
 - Recruit, develop, train, and retain** a robust and capable workforce prepared to respond in an emergency and institute planning initiatives to support response personnel in disaster response and recovery efforts integrating models of excellence and infrastructure advancements from a broad range of emergencies including the COVID-19 pandemic.
 - Seek** flexible and sustainable funding opportunities to invest in activities that support robust response activities, workforce, tools, and the communities we serve and that allow for scarce resources to be equitably allocated.
 - Support and prioritize** community-led solutions to mitigate barriers to optimal outcomes, survival, and resilience for all communities especially those most at-risk through a broad range of community engagement and response initiatives.
 - Ensure** resilience and behavioral health promotion planning and implementation efforts are key components of current and future response activities serving community members, partners, and responders alike.



DOH TRANSFORMATIONAL PLAN: A VISION FOR HEALTH IN WASHINGTON STATE | 6

PRIORITY V. GLOBAL AND ONE HEALTH

VISION
All Washingtonians live in ever-connected environments that recognize and leverage the intersection of both global and domestic health as well as the connections of humans, animals, and the environment.

COMMITMENT
We will lead the development and implementation of creative solutions to improve the health and well-being of Washingtonians emphasizing the connectedness of a strong bidirectional global-domestic health ecosystem. It will simultaneously underscore the importance of One Health recognizing the relationships of human health as they intertwine with that of animals and the environment.



- KEY STRATEGIES**
- Incorporate** best practices from beyond borders to advance the health and well-being of Washingtonians and the communities in which they live through strong bidirectional pathways for advancing partnerships, key planning strategies, and communications efforts.
 - Leverage** the collective strength and wisdom of existing and emerging global health and One Health stakeholders and institutions within (and beyond) Washington state to participate in and support robust and connected networks of information sharing, strategy development, and engagement.
 - Seek** resources and funding as well as partnership opportunities to enhance capabilities across health systems to ensure a globally connected community of partners with particular emphasis on mentorship and training opportunities, system and technology enhancements, and engagement pathways to address domestic issues through global health learnings.
 - Advance** timely, culturally, and linguistically respectful health information and initiatives, in partnership with health system providers and communities, to support the health and well-being of refugee, immigrant, and migrant communities across Washington.
 - Emphasize** the complex connections of human, animal, and environmental health in our health promotion activities and expand our capacity to prevent, detect, and respond to global public health threats with domestic health impact whether infectious disease or otherwise.
 - Further and support** our important role in binational relations and connectedness with health partners and other key entities in Canada and beyond to advance information sharing, health systems knowledge, and strategy development.



DOH TRANSFORMATIONAL PLAN: A VISION FOR HEALTH IN WASHINGTON STATE | 7

PRIORITY I. HEALTH AND WELLNESS

VISION
All Washingtonians have the opportunity to attain their full potential of physical, mental, and social health and well-being.

COMMITMENT
We will lead initiatives that support and promote upstream prevention efforts to advance optimal physical health, mental and behavioral health, spiritual health, resilience, and overall well-being where individuals, families, and communities can thrive. Our actions recognize that social, structural, and economic determinants of health must be addressed to achieve true health equity and optimal health for all.



- KEY STRATEGIES**
- Promote** a broad range of initiatives that support pro-health and wellness behaviors and actions related to physical activity, nutritional health, mental and behavioral health, emotional and spiritual health, and comprehensive holistic health to advance both individual and community health across all of Washington.
 - Support** community rooted and informed initiatives that address conditions early, including for adverse childhood experiences, and throughout the life course, to improve health and well-being longer term.
 - Advance** a continuum of prevention and harm reduction strategies that address common risk and protective factors associated with injuries as well as use of alcohol, tobacco, marijuana, opioids, and other substances and related behaviors.
 - Engage** partners and people with lived experience and embrace multisector strategies to address upstream factors that contribute to the impact on key health concerns such as chronic disease, addiction, injuries, and the like.
 - Utilize** morbidity and mortality data and strategies to inform action-oriented prevention programs and policy recommendations that address disproportionality in health outcomes.
 - Deploy** proactive communication and health promotion strategies that promote mental and physical health wellness while countering stigma in seeking care.



DOH TRANSFORMATIONAL PLAN: A VISION FOR HEALTH IN WASHINGTON STATE | 3

PRIORITY III. ENVIRONMENTAL HEALTH AND JUSTICE

VISION
All Washingtonians live in healthy environments.

COMMITMENT
We will lead broad-based efforts to recognize the inter and environmental justice for community health.

- KEY STRATEGIES**
- Support** systems and community health initiatives that promote the health and well-being of healthy environments and interactions where people live, learn, work, worship, and play.
 - Ensure** our policies, planning, and programming incorporate environmental justice principles with the goal of reducing health inequities and promoting community well-being.
 - Incorporate** data-driven approaches and community engagement strategies, assets and strengths, into public health and response planning efforts aimed at building resilience against the health and social impacts of climate change and other environmental challenges.
 - Ensure** communities likely to bear the worst climate-related and environmental health impacts have resources and support to foster resilient communities that promote true health and well-being.
 - Support** initiatives that promote safe and active living, commuting and recreation, reduce greenhouse gas emissions, and increase community cohesion.
 - Communicate and promote** the health benefits of behavior change and interventions that protect our environment, while ensuring equitable access to health opportunities through robust data systems and information sharing.



DOH TRANSFORMATIONAL PLAN: A VISION FOR HEALTH IN WASHINGTON STATE | 5





PRIORITY II. HEALTH SYSTEMS AND WORKFORCE TRANSFORMATION



VISION

All Washingtonians are well served by a health ecosystem that is robust and responsive, while promoting transparency, equity, and trust.

COMMITMENT

We will align skills, resources, and partnerships so our health systems and infrastructure capabilities are scalable, responsive, and modernized to promote data driven and innovative approaches to improving health. We will build and transform our systems to be accessible and responsive to Washingtonians regardless of who they are or where they live.

KEY STRATEGIES

1. **Invest in and support** secure and innovative health information technologies and infrastructure supports that will enable partners to access and exchange information that addresses whole person health in a culturally and linguistically respectful way.
2. **Ensure** our public health, health care, and community-based partners and their workforce have the data, technology, and system supports they need to build and utilize connections among health, social, and community initiatives.
3. **Champion** the recruitment, development, and retention of a strong, capable, and diverse and inclusive state, local, and Tribal public health workforce and further policies and efforts that support, invest in, and diversify our health system workforce.
4. **Strengthen** the collection, analysis, linkage, and dissemination of timely, accessible, and actionable health data, guided by community priorities, to inform better community level interventions and initiatives that improve both individual and population health.
5. **Co-create** robust data sharing capabilities and systems with local health jurisdictions, with Tribes honoring Tribal data sovereignty, and other stakeholders to support better detection, understanding, and addressing of the burden of disease and health inequities.
6. **Invest in and leverage** previously developed tools, technologies, and strategies, including newer ones utilized during the COVID-19 pandemic such as interactive dashboards, communications pathways, and geospatial mapping to assist individuals, communities, health systems, and policy makers, to make data-informed decisions to promote health.

MODERNIZING
DATA ACCESS



DOH TRANSFORMATIONAL PLAN: A VISION FOR HEALTH IN WASHINGTON STATE | 4



Health Systems and Workforce Transformation



Transforming Our Health Systems Together



1. **Addressing** key priorities such as **maintaining core capacities** - for "blue sky" days and during times of urgency/emergency - while addressing **workforce** challenges, **systems** change, **technology** solutions, key **partnerships** & **community-rooted** efforts.
2. **Assuring** cornerstone values such as **Equity, Innovation and Engagement (EIE)** are embedded into comprehensive planning activities to assure we can move from transactional to **transformational**.
3. **Advancing** the public's health by making **smart** investments that are **strategic, scalable,** and **sustained**.

WA Department of Health Team Here Today



Umair A. Shah, MD, MPH
Secretary of Health



Les Becker, MBA
Chief of Innovation



Bryant T Karras, MD
Chief Medical Informatics Officer

More Details on WA Notify and WA Verify Successes

11:00 a.m. – 12:00 p.m. Breakout Room #4, East Wing



MITRE



Main

Walla Walla County Health Dept

WIC



Takes a village!

#InItTogether



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Working Together for a Brighter Future!



Washington State Department of
HEALTH

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