



Welcome to the webinar!

INCREASING HEPATITIS B AWARENESS AND EDUCATION AMONG NAIL SALON WORKERS

September 27, 2018

About Us



[Hep B United](#) is a national coalition that was established by the Hepatitis B Foundation and the Association of Asian Pacific Community Health Organizations to address the public health challenge of hepatitis B.

The coalition is dedicated to reducing the health disparities associated with hepatitis B by increasing awareness, screening, vaccination, and linkage to care for high-risk communities across the United States.



The [Hepatitis B Foundation](#) is a national nonprofit organization dedicated to finding a cure and improving the quality of life for those affected by hepatitis B worldwide.

Our commitment includes funding focused research, promoting disease awareness, supporting immunization and treatment initiatives, and serving as the primary source of information for patients and their families, the medical and scientific community, and the general public.

Speakers

- **Eugene Ng**, Office of Minority Health Fellow, Hepatitis B Foundation
- **Lisa Fu**, MPH, Director, California Healthy Nail Salon Collaborative
- **Xuan Man**, Refugee Health Program Coordinator, Tacoma-Pierce County Health Department

The Impact of Nail Salon Industry Policies and Regulations on Hepatitis B Awareness and Prevention

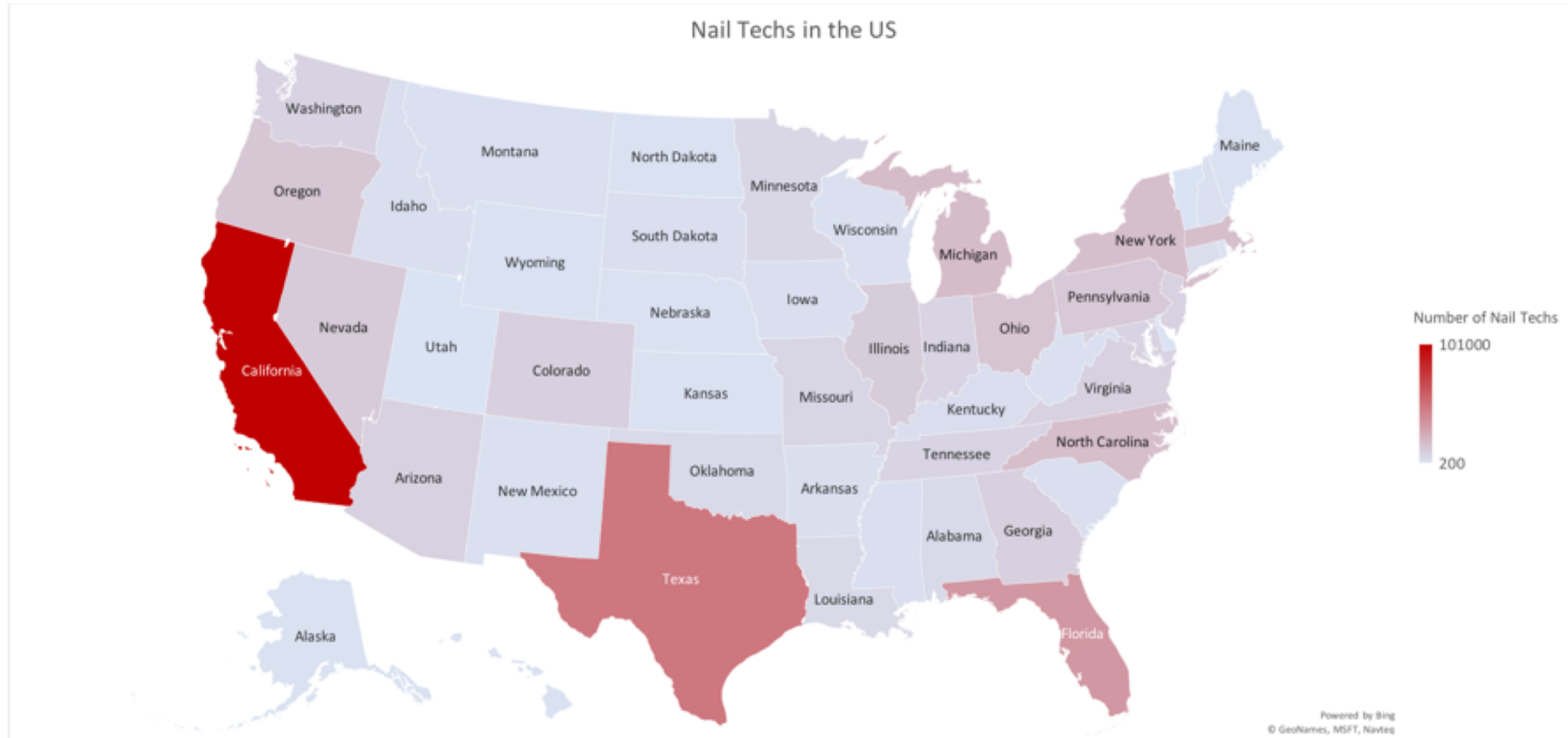
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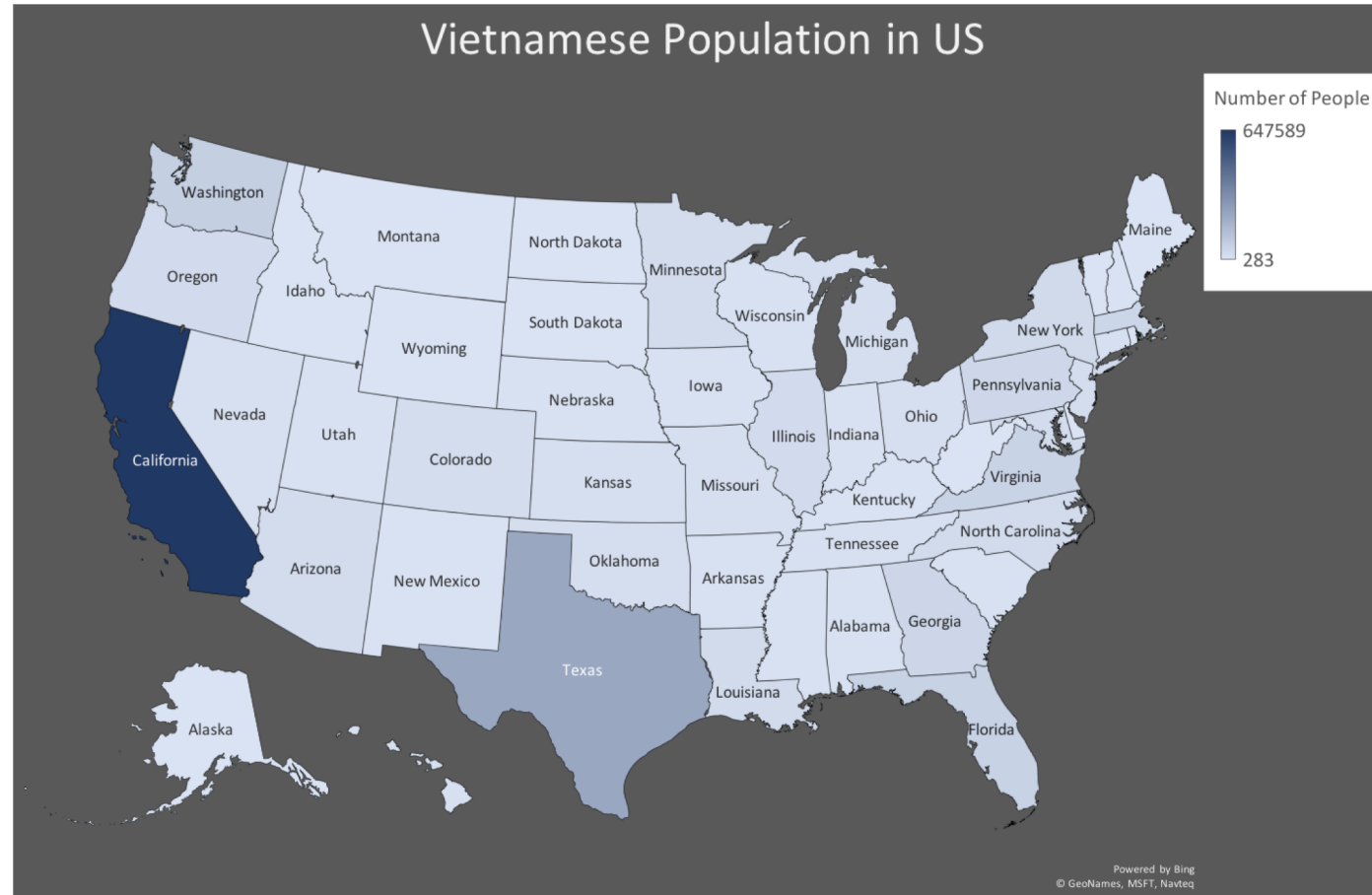
Workforce Quick Facts

- \$8.53 billion industry
- Median income: \$23,230
- Approx. 440,000 licensed nail techs
- Approx. 56% Vietnamese
- 97% female

Nail Tech Distribution Across US

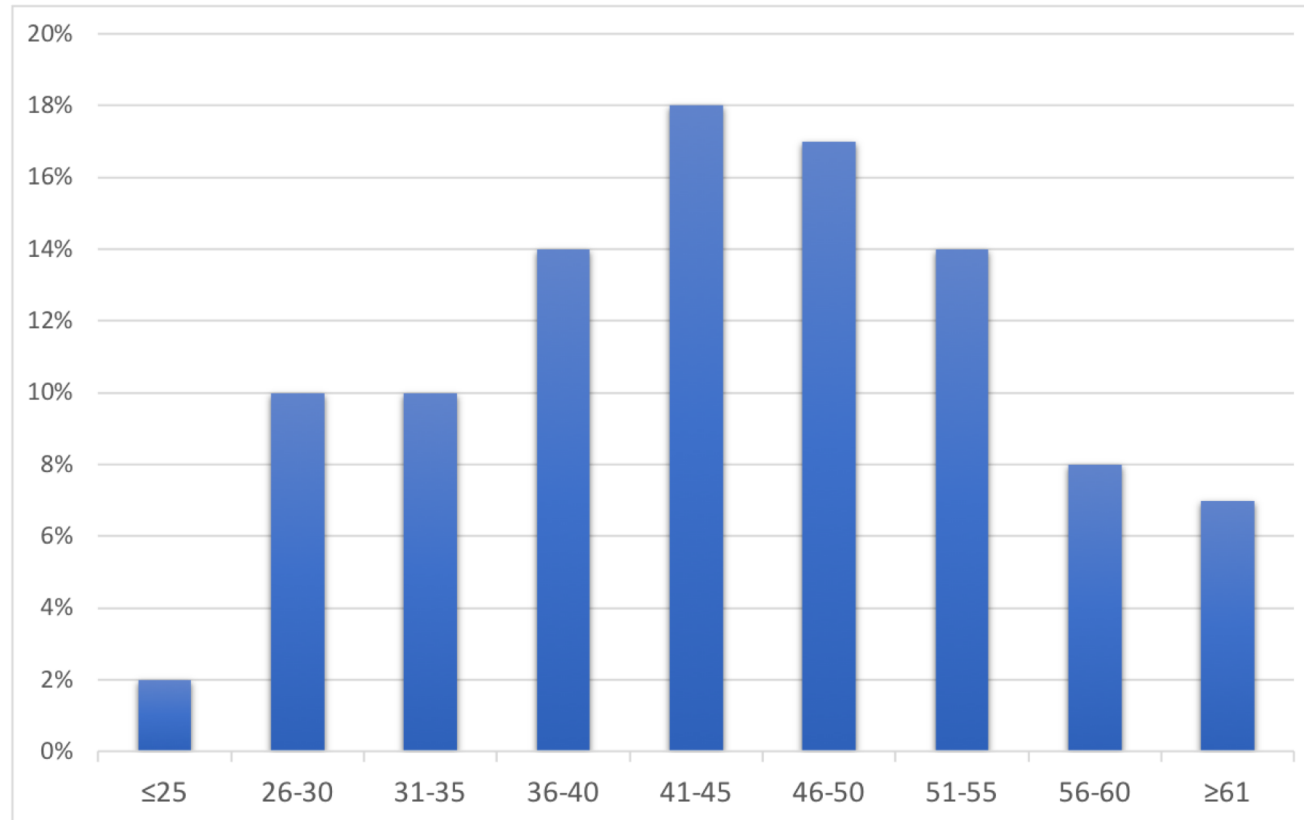


Vietnamese Distribution in US



Workforce Demographics

Age Distribution of Nail Salon Workforce



Licensing Curriculum

- Curriculum consists of theory and practical
- Great variation in number of hours of training between states
- Some require specific training on infectious disease control
- Few states require continuing education credits in sanitation

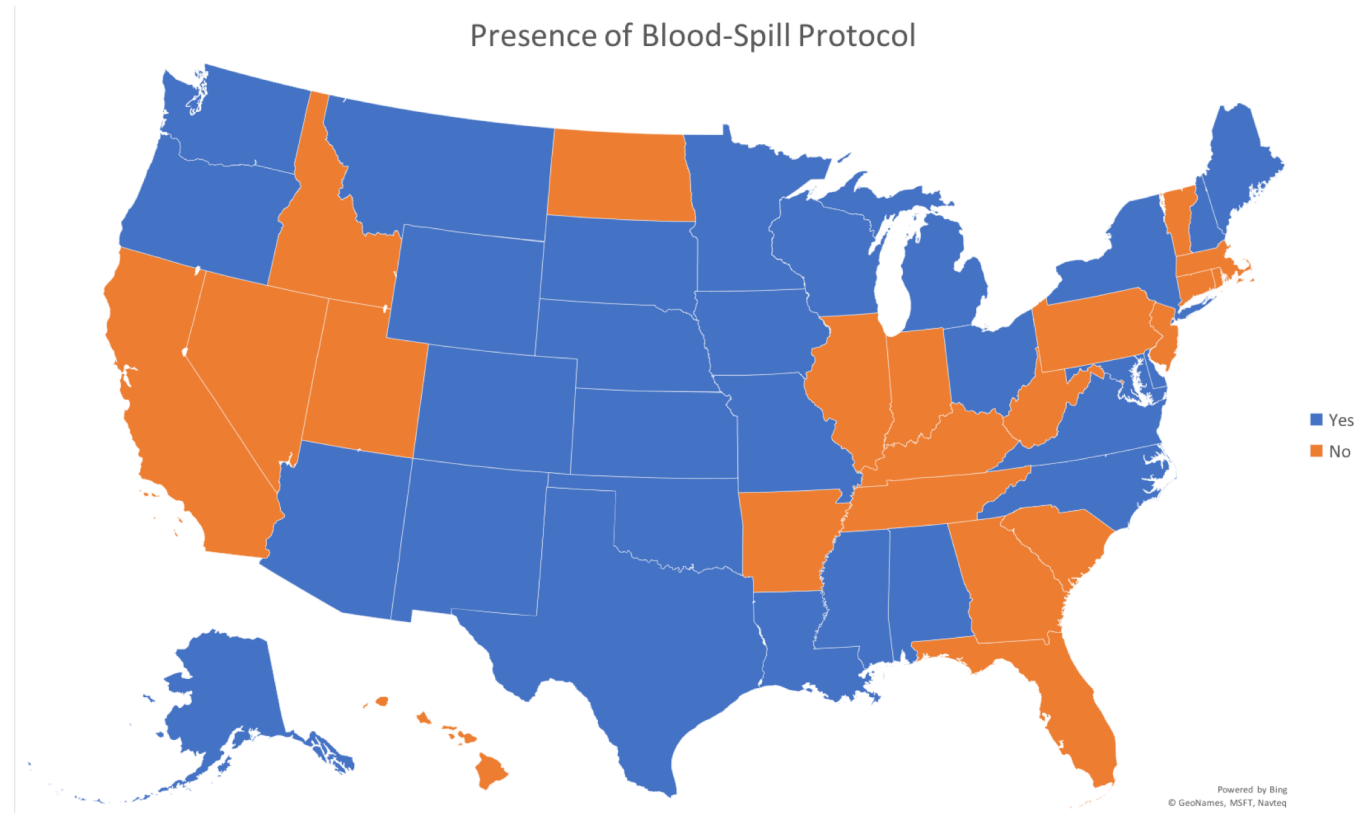
Barriers for Nail Salon Workers

- Language
- Cost – many lack or have minimal insurance
- Mistrust in government – immigration status
- Confusion between HBV, HCV, and HAV
- High worker turnover

State Board Policies

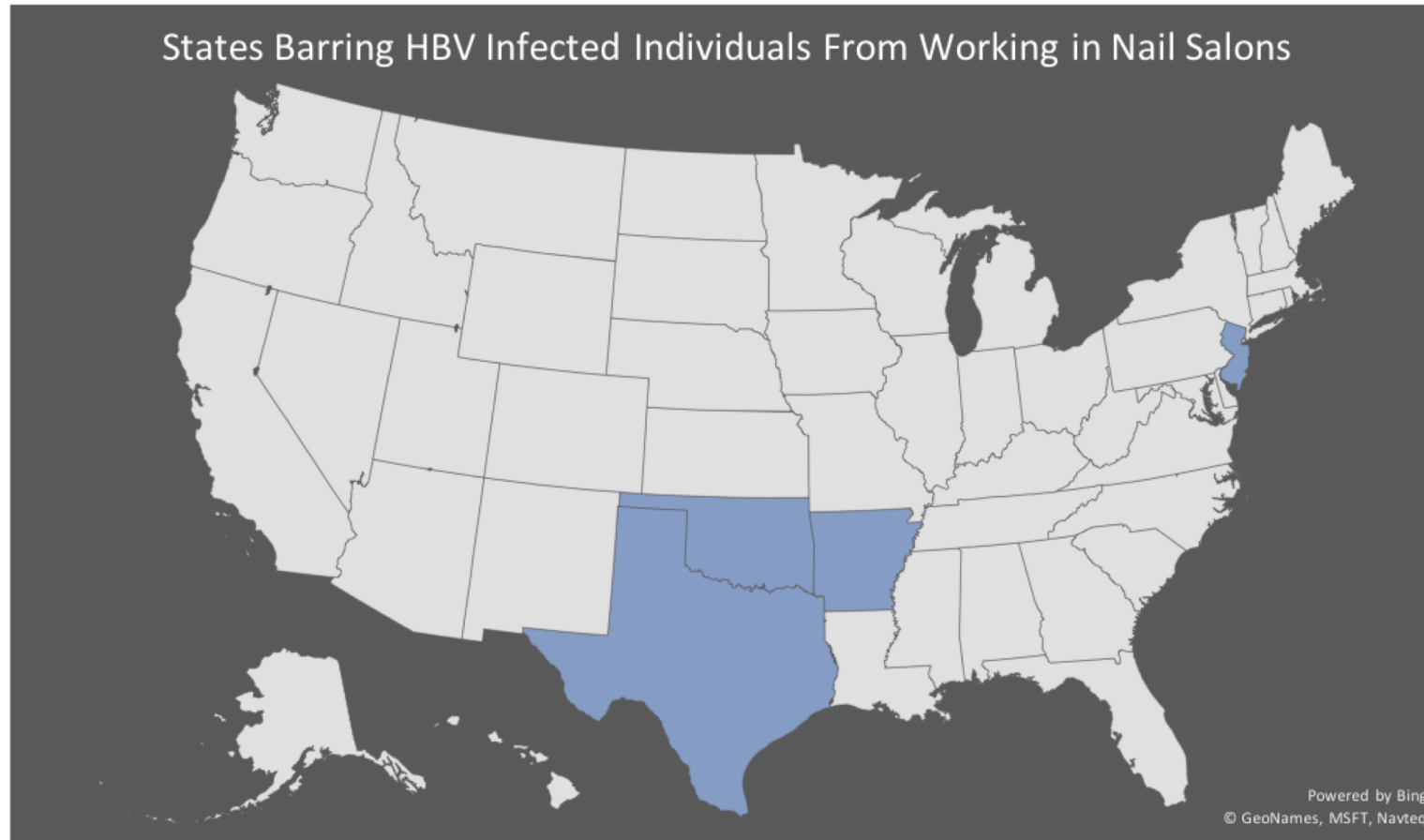
- Connecticut has no governing board for nail salons
- Utah has no regulations for sanitation
- Great variation between states
- 48 states indicate tools must be sanitized between clients
- Many states do not delineate specific protocol for effective disinfection

State Board Policies



States with blood spill protocol. States shaded orange do not possess a blood spill protocol

Institutional Discrimination



Institutional Discrimination

- AL: all HBV workers must disclose status to all co-workers and clients
- DC, MT, and WV: require HBV disclosure on license application
 - Handled on case-by-case basis

Oregon State Case Study

- “A practitioner providing service or working in a facility after diagnosis of immunodeficiency disease or condition or Hepatitis B, C, or D shall observe and follow all current Centers for Disease Control (CDC) standards for public service workers regarding personal protection equipment and disposal of blood or bodily fluid contaminated articles, tools and equipment”
(2012)

Oregon State Case Study

- “Repeal rules related to communicable and blood borne disease as it is unlawful under the American with Disabilities Act (ADA) for a state to prevent an individual from practicing cosmetology based on that individual’s communicable and blood borne disease status” (2013)

CA Healthy Nail Salon Collaborative

Mission: To improve the health, safety and rights of the nail and beauty care workforce to achieve a healthier, more sustainable and just industry



Nail Salon Workers in CA



- Over 336,000 manicurists and cosmetologists in CA
- 67% are Vietnamese
- Recent immigrants
- Limited English Proficient
- Average income: \$21,800 a year

Nail Salon Worker Health Concerns

- Adverse Reproductive Outcomes
- Cancer
- Ergonomic problems
- Respiratory illness
- Skin irritations



CA Healthy Nail Salon Collaborative

Strategy #1: Leadership Development

Strategy #2: Policy Advocacy

Strategy #3: Research



Health, Safety and Workers Rights Trainings

- Gel Nails
- Healthy Nail Salons
- Green Tips for Your Salon
- **Infectious Diseases**
- Workers' Rights



Example: Healthy Nail Salon Recognition Program



1. Use nail polishes that do not contain the Toxic Trio
2. Use safer nail polish removers such as acetone
3. Avoid using nail polish thinners
4. Wear nitrile gloves
5. Ventilation (especially for artificial nail services)



HNSRP Requirements (continued)

6. Install mechanical ventilation unit(s)
7. Use safer artificial nail products
8. Train all nail salon staff on safer practices
9. Do not allow customers to bring in products unless they meet the program's criteria



Expanding the HNSRP



Contact Us!

Email: lfu@cahealthynailsalons.org
www.cahealthynailsalons.org



CA Healthy Nail Salon Collaborative



@CA_HNSC

Addressing Chronic Hepatitis B in Foreign-Born Adult Persons: A Community Response

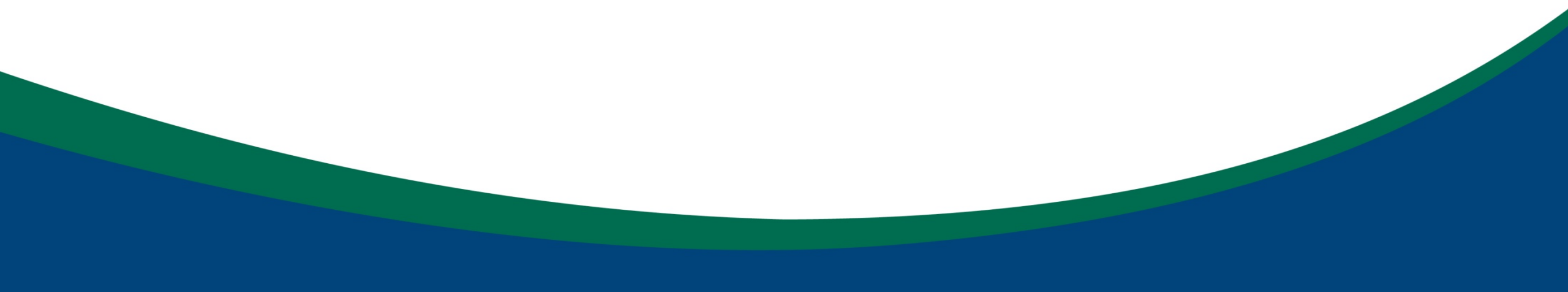
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Xuan Man, B.A.


Refugee Health Program

Communicable Disease Control

Presentation Agenda

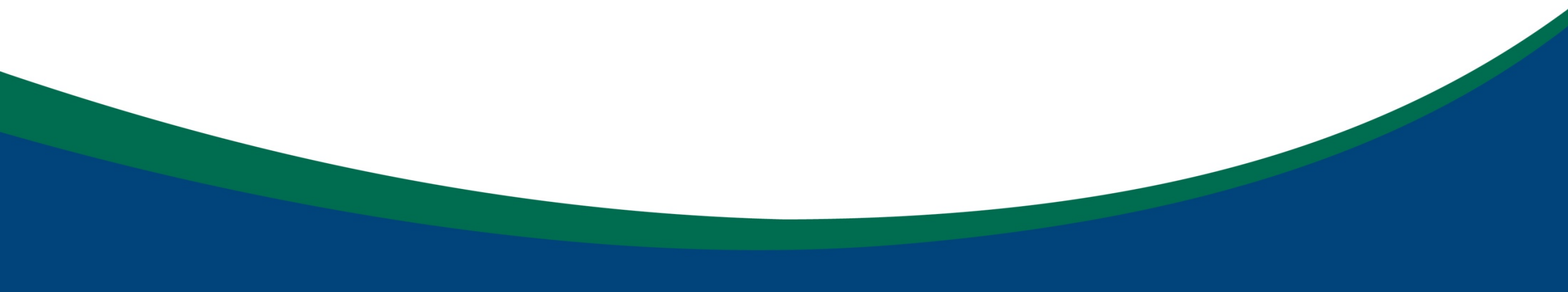
- Community Collaboration
 - Community Conversation
 - Hep B Vietnamese Engagement Council
 - Hep B Nail Salon Outreach Project
 - Next Steps
- 

Community Collaboration

- Tacoma-Pierce County Health Department (TPCHD)
 - Hepatitis B Vietnamese Engagement Council of Tacoma, Pierce County
 - Hepatitis B Coalition of Washington (HBCW)
 - Pierce County Project Access
 - Primary Care Providers
- 

Community Conversation

Goals:

- Assess awareness and knowledge of Hep B
 - Identify barriers, needs, outreach strategies
 - Engage Vietnamese community members
 - Identify opportunities for future collaboration (interests, ideas, capacity, resources, etc.)
- 

Community Conversation


Process:

- Happened October 2009
- Relied on current relationships to recruit participants
- Phone calls, invite letters
- Facilitated in-language

Outcomes:

- 15 participants (14 adults, 1 young adult)
- Various perspectives about hepatitis B

From Conversation to Commitment

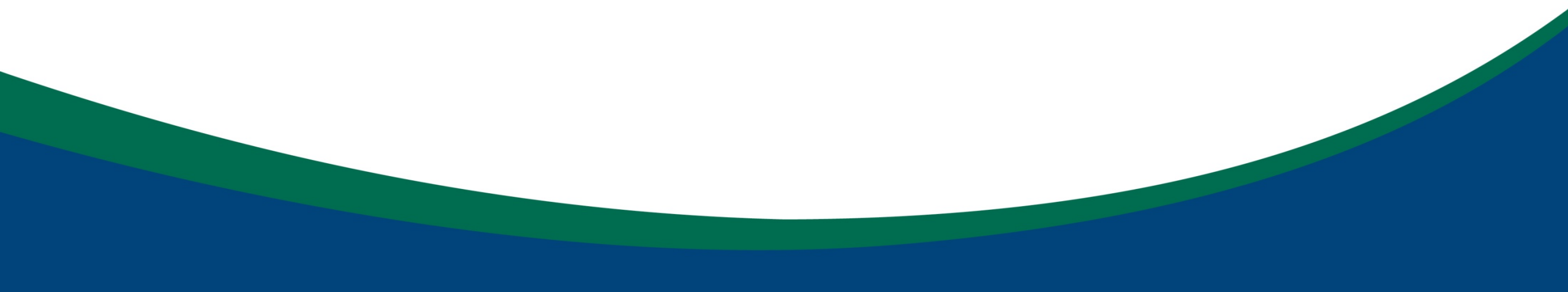
- Report back, June 2010
 - Hep B Vietnamese Engagement Council formed
 - Hepatitis B educational 101 training
 - Spread word to community, families, friends
 - Distribute hepatitis B materials
 - Community event and project planning
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Hepatitis B Vietnamese Engagement Council



Source: Vietnamese Council Meeting Photos

Hep B Nail Salon Outreach Project

- Target outreach to high-risk group: Nail salon workers
 - Increase awareness of chronic hepatitis B
 - Provide hepatitis B educational materials
 - Provide hepatitis B testing and vaccination
 - Provide links to care for clients with positive HBsAg results
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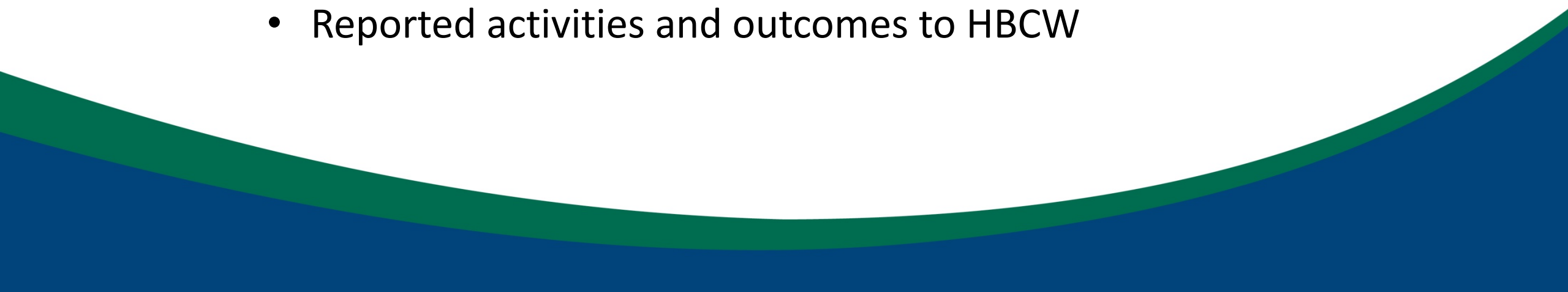
Planning

- Project began January 2012 and ended June 2012
- Engagement Council members considered to be the key contact of project
- Meetings and planning occurred
- Council members provided outreach:
 - Nail Salon visits
 - Other locations such as grocery stores, temples, churches, business, etc.
 - Reported issues, problems, positive feedback, etc. to the Health Department

Activities

- Training
 - Key messages to be delivered to salon staff
 - Initial salon visits with Health Department staff
- Site selections, division of work and mapping
- Salon visits on their own
 - Providing hepatitis B educational materials and flyer
 - Referring back to Health Department staff

Activities (continued)

- Health Department staff met with clients for:
 - Interview
 - Referral for testing
 - Testing result provided to clients
 - Vaccination provided by Health Department nurses
 - Developed referral system for patients with positive HBsAg results
 - Reported activities and outcomes to HBCW
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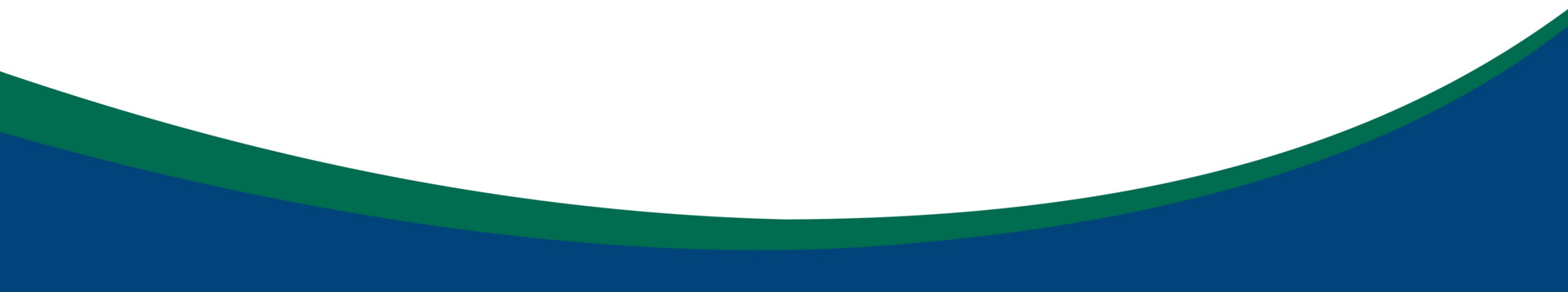
Outcomes

Salons Visited	203	
People Interviewed	143	
Women	92	64%
Women of Childbearing Age	59	64%
Men	51	36%
In the United States \leq 5 Years	56	39%
In the United States \leq 10 Years	16	11%
In the United States $>$ 10 Years	71	50%
People Tested	135	

Results

HBsAg Positive	8
Referred for Care	5
Refuse Care <i>Did not want to pay nominal fee for visit</i>	3
Immune	72
Susceptible	63
Completed Vaccination Series	59
Started Vaccination Series <i>But lost to follow-up</i>	4


Challenges

- Visits to salons made early during the day
 - Salon workers not available all the time
 - Salon owners were sometimes not cooperative or responsive
 - Some HBsAg-positive clients refused linkage to care
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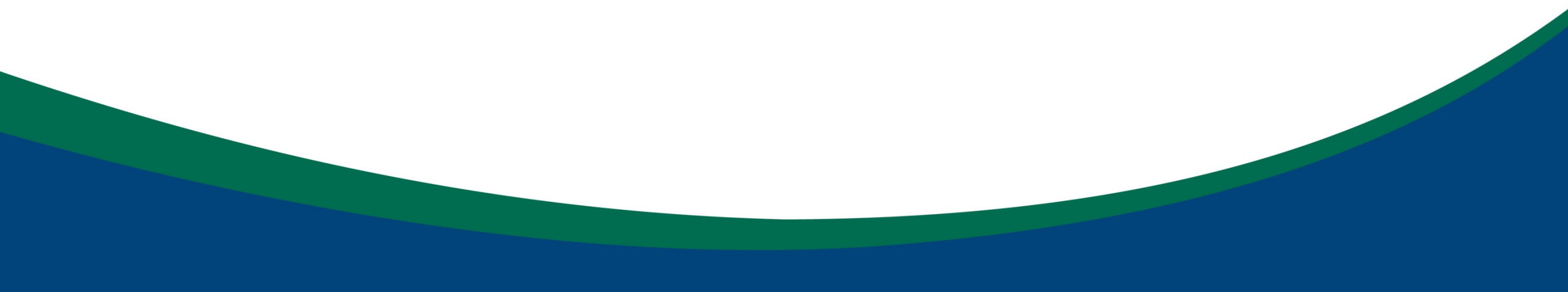
Successes

- **94%** completed series of vaccine
- Clients refer their friends, families to the Health Department for testing and vaccination
- Quest Diagnostics is right across the street
- Project presented at the Hepatitis B Coalition of Washington Forum, 2013, the National Influenza Vaccine Summit, Atlanta, Georgia, 2013, the Joint Conference on Health, Wenatchee, Washington, 2013, and others

After June 2012

- Continued receiving calls for interviews and referrals for testing
 - Continued providing vaccinations when needed
 - Counseled patients identified with positive HBsAg results
 - Developed referral system for further testing and follow-up for patients identified as HBsAg positive
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Next Steps

- Replicable to other populations or communities
 - More hepatitis educational community events and outreach projects (Nail and Hair Salons, Restaurant Business, Grocery Stores, etc.)
 - Council members continue to meet
- 



Questions

Contact Xuan Man

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Recommendations & Conclusions

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Recommendations

- Sustainability
 - Programs incorporated into public health infrastructure
 - Knowledge ≠ action

Cosmetology Board Policy Recommendations

- Utilize inspectors as educational source when violations are noticed
- Adopt a sanitation rating system
- Incorporation of multilingual resources and licensing exams

Educational Recommendations

- Require Continuing Education courses to include HBV education and infectious disease control
- Require HBV as part of licensing curriculum
- Multi-lingual educators and materials

Vaccination Recommendations

- Partner with community-based organizations to support CDC recommendation for testing, vaccination, and education
 - Protect all workers
 - Community stakeholders should be involved in further discussions to alleviate fears and mistrust in the government or the healthcare system.

Vaccination Recommendations

- OSHA Bloodborne Pathogens standard 1910.1030
 - *Employer must offer HBV vaccine series without charge if you are likely to be exposed to blood or other infectious material during your work*

Conclusions

- Sustainable programs such as the California Healthy Nails Program can be integrated to include further HBV education, screening, and linkage to care
- Further state level advocacy is needed to address areas of institutional discrimination

Q & A

Please submit questions in the chat box!

Thank you for joining!

Contact us:

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www.hepbunited.org

