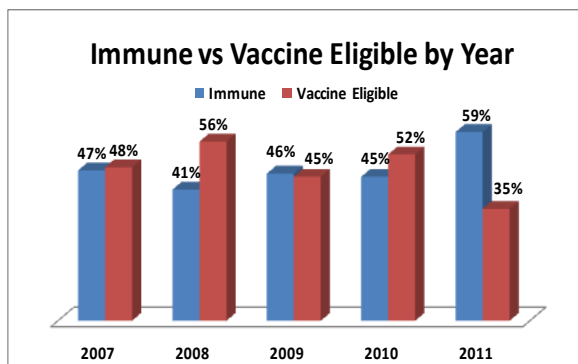
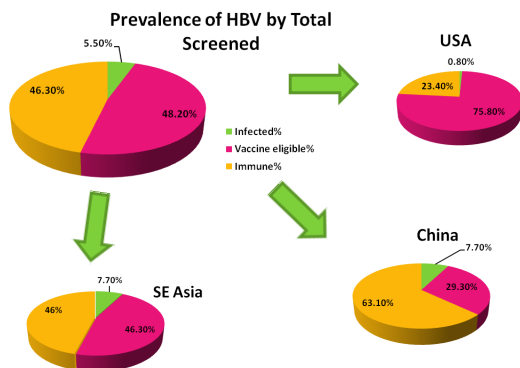


# Hepatitis B Screening and Immunization is Critical for Early Clinical Management of HBV Infection for Asian Americans in Ohio

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## BACKGROUND

Chronic hepatitis B virus (HBV) in Asian Americans comprises one of the most serious but frequently neglected racial and ethnic health disparities. 1 in 4 persons with chronic HBV will die of liver cancer, cirrhosis or liver failure and 10% of Asian Americans compared with 0.1% of whites are chronically infected with hepatitis B, the main cause of liver cancer...



## COMMUNITY PARTNERS

- AFHWP, AACS, ACSC, Hepatitis Free Clinic
- Ohio Asian American Health Coalition
- Ohio State University (OSU) Asian and Pacific American Medical Student Association (APAMSA)
- Ohio Department of Health and the Columbus Public Health program.
- OSU Medical Center Community Development

## HEPATITIS B SCREENING

Screening for Hepatitis B started in 2006 and continues to expand. Information on % of respondents who are vaccine eligible, immune and infected are provided below:

- Asians have a higher percentage of immunity to Hepatitis B which implies one of two things: (1) exposed or (2) vaccinated.
- A follow-up study was estimated by calling vaccine eligible respondents as well as with Columbus Public Health. Approximately 12% of respondents sought the free vaccine at CPH

Characteristic	HBs Ag-Positive (Infected)		HBs Ag Negative & HBs Ab Negative (Vaccine Eligible)		HBsAg Negative & HBsAb Positive (Immune)	
	Odds Ratio	95% CI	Odds Ratio	95% CI	Odds Ratio	95% CI
Age(Years)						
<30	1.00		1.00		1.00	
30-39	0.53	0.17, 1.62	1.49	0.88, 2.52	0.78	0.47, 1.31
40-49	0.69	0.30, 1.64	1.61	1.03, 2.53	0.69	0.44, 1.07
50-59	0.39	0.15, 0.99	1.66	1.07, 2.58	0.73	0.48, 1.13
60-69	0.81	0.35, 1.88	1.60	1.02, 2.51	0.67	0.43, 1.04
≥70	0.97	0.40, 2.38	1.80	1.10, 3.00	0.56	0.35, 0.92
Sex						
Female	1.00		1.00		1.00	
Male	0.85	0.52, 1.37	1.00	0.80, 1.25	1.04	0.83, 1.30
Country at Birth						
USA	1.00		1.00		1.00	
China	7.19	1.70, 30.31	4.27	2.86, 6.37	0.18	0.12, 0.27
South Asia§	NC	NC	0.98	0.50, 1.92	1.09	0.56, 2.14
Korea	1.62	0.23, 11.67	5.57	3.29, 9.44	0.18	0.10, 0.30
Japan	5.00	0.43, 58.04	NC	NC	5.67	0.73, 43.85
South East Asia						
Cambodia	9.44	2.05, 43.48	3.20	1.91, 5.33	0.34	0.19, 0.61
Laos	2.46	0.34, 17.84	1.53	0.83, 2.81	0.61	0.34, 1.11
Vietnam	14.0	3.01, 64.637	4.84	2.73, 8.60	0.12	0.06, 0.21
Other SE Asia‡	3.49	0.70, 17.57	2.39	1.48, 3.84	0.38	0.24, 0.61
Other¶	2.43	0.21, 27.53	2.28	1.08, 4.83	0.42	0.20, 0.88
Insurance						
Yes	1.00		1.00		1.00	
No	1.13	0.68, 1.87	0.70	0.56, 0.88	1.40	1.11, 1.77
Is English your Primary Language?						
Yes	1.00		1.00		1.00	
No	1.91	0.86, 4.29	0.34	0.25, 0.47	2.70	1.95, 3.71

## COMMUNITY LIAISONS

Use of community liaisons provided culturally and linguistically appropriate feedback for treatment of diseases. This has significant implications for the Asian community of Ohio as many health professional and policy makers neglect several high-risk Asian subgroups who suffer serious health problems. Consequently, resources devoted to disease prevention and wellness programs for Asian Americans are inadequately addressed. These screenings has not only allowed for an early diagnosis but also provide referrals for continuation of care.