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	Adjusted	95% Confidence Interval	
	Odds Ratio	Lower	Upper
Asian Subgroups (reference = White)			
Chinese	1.35	1.25	1.45
Cambodian/Lao	1.91	1.75	2.08
Filipino	2.18	2.06	2.31
Asian Indian	2.32	2.17	2.50
Japanese	1.56	1.36	1.79
Korean	1.08	0.96	1.21
Pacific Islander	1.39	1.22	1.59
Vietnamese	1.60	1.47	1.73

Controlling for: maternal age, education, parity, 1st trimester prenatal care, delivery payer, maternal place of birth, and delivery method.

Data Source: California Birth Statistical Master Ella 2009-2010



## **Conclusion & Public Health Implications**



- Maternal characteristics vary greatly across the different Asian American, Native Hawaiian, and Pacific Islander subgroups.
- When possible, Asian subgroups should <u>NOT</u> be grouped into a single category for health outcome analyses.
- Heterogeneity should be considered when developing clinical and public health intervention efforts that target Asian subgroups.



## **Limitations and Next Steps**



- Absence of some data, and the quality of data in the birth file.
- Further analyses with more detailed survey instrument, such as the California Maternal Infant Health Assessment (MIHA) could improve our knowledge of subgroup variation in risk factors.
- Linking the birth file with hospital discharge data could also help understand maternal health at the time of delivery which may impact birth outcomes.

