

Supplement 1: Invasive cervical cancer (Cca) incidence rates, incidence rates ratio comparing others ethnicity with non-Hispanic and US born with foreign born women per 100,000 for California Non-Hispanic White, Hispanic and Asian subgroups by nativity, 1990-2004.

			Total invasive Cca	Histology		Stage		
				SCC	Adeno	Local	Regional	Distant
NHW		Rate (95%CI)	4.1 (4-4.2)	2.7 (2.7-2.8)	0.9 (0.8-0.9)	2.2 (2.1-2.3)	1.3 (1.2-1.3)	0.4 (0.4-0.5)
Hispanic	Foreign-Born	Rate	6.6 (6.3-6.9)	4.7 (4.5-5)	1.2 (1-1.3)	3.3 (3.1-3.5)	2.1 (2-2.3)	0.6 (0.5-0.7)
		IRR NHW*	1.6 (1.5-1.7)	1.7 (1.7-1.8)	1.3 (1.2-1.5)	1.5 (1.4-1.6)	1.7 (1.6-1.8)	1.5 (1.3-1.7)
	US born	Rate	10.7 (10.4-11)	8.2 (8-8.5)	1.4 (1.3-1.5)	4.6 (4.4-4.7)	4.1 (3.9-4.3)	1.1 (1-1.3)
		IRR NHW	2.6 (2.5-2.7)	3.0 (2.9-3.1)	1.6 (1.5-1.8)	2.1 (2.0-2.2)	3.2 (3.1-3.4)	2.6 (2.4-2.9)
		IRR US¥	1.6 (1.5-1.7)	1.7 (1.6-1.8)	1.2 (1.1-1.4)	1.4 (1.3-1.5)	1.9 (1.7-2.1)	1.8 (1.5-2.1)
Chinese	US born	Rate	3.9 (3-4.8)	1.9 (1.3-2.6)	1.3 (0.8-1.9)	2.4 (1.8-3.2)	0.9 (0.5-1.5)	0.3 (0.1-0.6)
		IRR NHW	0.9 (0.8-1.2)	0.7 (0.5-0.9)	1.4 (1-2.1)	1.1 (0.8-1.4)	0.7 (0.5-1.2)	0.6 (0.3-1.4)
	Foreign born	Rate	3.7 (3.4-4.1)	2.8 (2.5-3.2)	0.6 (0.4-0.7)	1.7 (1.5-2)	1.4 (1.2-1.7)	0.3 (0.2-0.4)
		IRR NHW	0.9 (0.8-1.0)	1.0 (0.9-1.2)	0.6 (0.5-0.8)	0.8 (0.7-0.9)	1.1 (1.0-1.3)	0.6 (0.4-0.9)
		IRR US	1.0 (0.8-1.2)	1.5 (1.1-2.1)	0.4 (0.3-0.7)	0.7 (0.5-1.0)	1.6 (1.0-2.5)	0.9 (0.4-2.3)
Japanese	US born	Rate	2.5 (2-3.1)	1.4 (1-1.9)	0.7 (0.5-1.1)	1.1 (0.8-1.6)	0.9 (0.6-1.3)	0.2 (0.1-0.5)
		IRR NHW	0.6 (0.5-0.7)	0.5 (0.4-0.7)	0.8 (0.6-1.2)	0.5 (0.4-0.7)	0.7 (0.5-1.0)	0.5 (0.3-1.0)
	Foreign born	Rate	5.9 (4.9-7.2)	4 (3.2-5.1)	1.2 (0.8-1.9)	2.8 (2.1-3.7)	2.1 (1.5-2.9)	0.6 (0.3-1.2)
		IRR NHW	1.4 (1.2-1.7)	1.5 (1.2-1.8)	1.4 (1.0-2.1)	1.3 (1.0-1.6)	1.6 (1.2-2.2)	1.5 (0.9-2.5)
		IRR US	2.4 (1.8-3.2)	2.9 (2.0-4.1)	1.7(1-2.9)	2.5 (1.6-3.7)	2.4 (1.5-3.7)	2.8 (1.2-6.6)
Filipino	US born	Rate	5 (3.7-6.7)	2.8 (1.8-4.1)	1.3 (0.6-2.4)	2.8 (1.9-4.2)	1.1 (0.6-2.1)	1 (0.4-2.1)
		IRR NHW	1.2 (0.9-1.6)	1.0 (0.7-1.4)	1.5 (0.9-2.4)	1.3 (0.9-1.8)	0.9 (0.5-1.5)	2.3 (1.2-4.5)
	Foreign born	Rate	6.2 (5.7-6.7)	4.2 (3.8-4.6)	1.4 (1.2-1.7)	2.6 (2.3-3)	2.6 (2.3-2.9)	0.6 (0.5-0.8)
		IRR NHW	1.5 (1.4-1.6)	1.5 (1.4-1.7)	1.6 (1.3-1.8)	1.2 (1.1-1.3)	2.0 (1.8-2.3)	1.4 (1.1-1.8)
		IRR US	1.2 (0.9-1.6)	1.5 (1.1-2.1)	1.1 (0.6-1.8)	0.9 (0.7-1.3)	2.3 (1.3-3.8)	0.6 (0.3-1.2)
Korean	Foreign born	Rate	7.5 (6.7-8.5)	5.9 (5.2-6.8)	0.9 (0.6-1.3)	3.3 (2.8-4)	3 (2.4-3.6)	0.8 (0.5-1.3)
		IRR NHW	1.8 (1.6-2.1)	2.2 (1.9-2.5)	1 (0.7-1.4)	1.5 (1.3-1.8)	2.4 (2.0-2.8)	1.9 (1.3-2.7)
South Asian	Foreign born	Rate	3.3 (2.6-4.2)	2.7 (2-3.5)	0.4 (0.2-0.8)	1.2 (0.8-1.8)	1 (0.6-1.5)	0.6 (0.3-1.1)
		IRR NHW	0.8 (0.7-1.0)	1.0 (0.8-1.2)	0.4 (0.2-0.7)	0.5 (0.4-0.8)	0.8 (0.5-1.1)	1.4 (0.9-2.3)
Vietnamese	Foreign born	Rate	12 (10.9-13.2)	8.9 (7.9-10)	1.8 (1.4-2.4)	6.1 (5.3-7)	4.8 (4.1-5.7)	0.5 (0.3-0.9)
		IRR NHW	2.9 (2.7-3.2)	3.3 (3.3-3.3)	2.1 (0.2-2.6)	2.8 (0.4-3.1)	3.8 (0.5-4.5)	1.2 (0.9-1.9)

NHW: Non-Hispanic white

SCC: Squamous cell carcinoma

Adeno: adenocarcinoma

*: Incidence rate ratio comparing other ethnicity with non-Hispanic white

¥ : Incidence rate ratio comparing foreign born women with US born women of the same ethnicity