

Table 2: Associations between RSV Immunity, Demographic Factors, and Social Risk.

Percentages in the Immune and Non-Immune columns represent row percentages.

Demographic/Clinical Characteristic	2023-24 Season			2024-25 Season		
	Immune* (n, %)	Non-Immune (n, %)	P-value	Immune* (n, %)	Non-Immune (n, %)	P-value
Total Infants (n,%)	789 (47.7%)	864 (52.3%)		1023 (60.5%)	669 (39.5%)	
Gender (n,%)			0.639			0.322
Male	400 (47.2%)	448 (52.8%)		510 (59.3%)	350 (40.7%)	
Female	389 (48.3%)	416 (51.7%)		513 (61.7%)	319 (38.3%)	
Race (n,%)			<0.001			<0.001
Black	485 (44.5%)	605 (55.5%)		608 (56.1%)	476 (43.9%)	
Other/Unknown**	168 (56.9%)	128 (43.2%)		274 (70.4%)	115 (29.6%)	
White	136 (50.9%)	131 (49.1%)		141 (64.4%)	78 (35.6%)	
Ethnicity (n,%)			<0.001			<0.001
Hispanic	97 (64.7%)	53 (35.3%)		170 (74.6%)	58 (25.4%)	
Non-Hispanic	642 (45.9%)	758 (54.1%)		836 (58.1%)	602 (41.9%)	
Unknown	50 (48.5%)	53 (51.5%)		17 (65.4%)	9 (34.6%)	
Insurance Type (n,%)			0.356			0.767
Public	649 (47.1%)	729 (52.9%)		837 (60.3%)	550 (39.7%)	
Private	42 (47.2%)	47 (52.8%)		81 (63.3%)	47 (36.7%)	
Self-Pay	98 (52.7%)	88 (47.3%)		105 (59.3%)	72 (40.7%)	
Positive Social Risk Screen?*** (n,%)			0.018			0.007
Yes	451 (53.8%)	387 (46.2%)		557 (63.4%)	321 (36.3%)	
No	308 (47.6%)	339 (52.4%)		377 (56.6%)	289 (43.4%)	
Missing	30	138		89	59	
Positive Food Insecurity? (n,%)			0.086			0.006
Yes	155 (55.8%)	123 (44.2%)		212 (67.3%)	103 (32.7%)	
No	604 (50.0%)	603(50.0%)		722 (58.7%)	507 (41.3%)	
Missing	30	138		89	59	
Material Community Deprivation Index Score**** (n,%)			0.004			0.568
Quartile 1 (less deprived)	51 (53.7%)	44 (46.3%)		50 (63.3%)	29 (36.7%)	
Quartile 2	214 (54.3%)	180 (45.7%)		246 (63.2%)	143 (36.8%)	
Quartile 3	183 (47.0%)	206 (53.0%)		232 (59.3%)	159 (40.7%)	
Quartile 4 (more deprived)	333 (43.8%)	428 (56.2%)		493 (59.5%)	335 (40.5%)	
Missing	8	6		2	3	

Footnote:

*Immune status determined by infant receipt of nirsevimab or mother receiving RSV vaccine during pregnancy

** Other race includes: Multiracial, Asian, Middle Eastern, Native Hawaiian/Pacific Islander, American Indian/Alaska Native, Unknown

*** Social risk screen: any affirmative response to 14 question health related social needs screen

****Material Community Deprivation Index Score