

Tables and Figures

Table 1. Demographics of neonatal nirsevimab and hepatitis B vaccine birth-doses in Los Angeles County during the 2024 RSV season (October 1, 2024 – February 28, 2025)

| | | Immunization Dose given <7 days after birth | | Immunization Dose given during the study period |
|--|------------------------|---|---------------------------|---|
| | | Nirsevimab Count (col %) | Hepatitis B Count (col %) | Hepatitis B and Nirsevimab Count (col %) |
| Total persons | | 6281 | 30211 | 13509 |
| Number (%) doses administered <3 days of age | | 3548 (56.5) | 28862 (95.5) | -- |
| Median age at time of administration [IQR] | | 2 days [0-6] | 0 days [0-6] | -- |
| Sex | Female | 3105 (49.4) | 14717 (48.7) | 5260 (48.2) |
| | Male | 3176 (50.6) | 15481 (51.2) | 5659 (51.8) |
| | Unknown/Other | 0 (0) | 13 (0) | 14 (0.1) |
| Race/Ethnicity | White | 591 (9.4) | 4666 (15.4) | 992 (9.1) |
| | Hispanic | 3532 (56.2) | 14411 (47.7) | 6271 (57.4) |
| | Black/African American | 410 (6.5) | 1566 (5.2) | 670 (6.1) |
| | Asian | 366 (5.8) | 3306 (10.9) | 750 (6.9) |
| | Other*** | 949 (15.1) | 4480 (14.8) | 1490 (13.6) |
| | Unknown | 433 (6.9) | 1782 (5.9) | 746 (6.8) |
| HPI** zip code for immunization recipient | 1 - most at risk | 3142 (50) | 12662 (41.9) | 5402 (49.5) |
| | 2 | 1679 (26.7) | 8247 (27.3) | 3013 (27.6) |
| | 3 | 943 (15) | 5902 (19.5) | 1689 (15.5) |
| | 4 - least at risk | 515 (8.2) | 3377 (11.2) | 809 (7.4) |
| | Missing | 2 (0) | 23 (0.1) | 6 (0.1) |
| Insurance | Private | 2377 (37.8) | 14871 (49.2) | -- |
| | Vaccines for Children* | 2236 (35.6) | 3386 (11.2) | -- |
| | Unknown | 1664 (26.5) | 11933 (39.5) | -- |
| HPI** zip code for vaccine administrator | 1 - most at risk | 3105 (49.4) | 10825 (35.8) | -- |
| | 2 | 1131 (18) | 6443 (21.3) | -- |
| | 3 | 1394 (22.2) | 6480 (21.4) | -- |
| | 4 - least at risk | 322 (5.1) | 5259 (17.4) | -- |
| | Missing | 329 (5.2) | 1204 (4) | -- |

*Other category is composite of those who self-reported Alaska Indian/Alaska Native, Native Hawaiian/Pacific Islander, Multi-race, and other background

**HPI = Healthy Places Index Quartiles

*** Vaccines For Children Program includes those enrolled with Eligible Medi-Cal/CHDP, Eligible uninsured, Eligible Native American/AK native, Eligible Uninsured (FQHC/RHC Only)

Factors associated with Newborn Nirsevimab administration in Los Angeles County during the 2024 Respiratory Syncytial Virus season