

**SUPPLEMENTARY TABLE 1. Demographic characteristics, clinical outcomes, and maternal vaccination status of infants aged <6 months hospitalized with laboratory-confirmed SARS-CoV-2 by birth hospitalization status\* — COVID-NET, 12 states, † October 2022–April 2024**

Characteristic	Birth Hospitalizations		Non-Birth Hospitalizations		
	No.	Weighted % <sup>§</sup> (95% CI)	No.	Weighted % <sup>§</sup> (95% CI)	p-value
Total no. of hospitalized infants	118	9.4 (7.6–11.4)	1,148	90.6 (88.6–92.4)	<.01
<1 month	118	100.0 (100.0–100.0)	292	26.4 (23.5–29.5)	<.01
1–2 months	0	–	404	34.5 (31.5–37.7)	
3–5 months	0	–	452	39.0 (35.9–42.3)	
<b>Sex</b>					
Male	63	51.3 (40.5–62.0)	694	59.4 (56.1–62.7)	0.14
Female	55	48.7 (38.0–59.5)	454	40.6 (37.3–43.9)	
<b>Race and Ethnicity<sup>¶</sup></b>					
White, non-Hispanic	46	39.0 (29.0–49.8)	408	34.6 (31.6–37.8)	0.06
Hispanic	17	16.0 (8.0–27.5)	378	33.2 (30.1–36.4)	
Black, non-Hispanic	31	22.7 (15.5–31.4)	186	16.6 (14.1–19.3)	
Asian, non-Hispanic	9	7.2 (3.3–13.5)	65	5.7 (4.2–7.4)	
Persons of all other race or unknown race or ethnicity	15	15.0 (7.8–25.0)	111	9.9 (8.1–12.0)	
<b>Prematurity (gestational age &lt;37 weeks)</b>					
Yes	24	18.4 (11.9–26.6)	196	17.1 (14.7–19.7)	0.72
<b>Season</b>					
October 2022–September 2023	100	73.4 (59.9–84.3)	804	61.6 (58.0–65.0)	0.08
October 2023–April 2024	18	26.6 (15.7–40.1)	344	38.4 (35.0–42.0)	
<b>COVID-19 related symptoms on admission**</b>					
Yes	23	18.3 (11.7–26.7)	1,071	92.6 (90.7–94.2)	<0.01
<b>Hospitalization intervention or outcome</b>					
Length of hospital stay, days, median (IQR)	118	2 (2.0–9.0)	1148	2 (1.0–3.0)	<0.01
ICU admission	40	30.7 (22.2–40.3)	260	22.1 (19.5–24.8)	0.05
In-hospital death	0	–	9	0.8 (0.4–1.5)	
<b>Highest level of oxygen support received during hospitalization</b>					
Supplemental oxygen	– <sup>††</sup>	–	251	23.0 (20.1–26.1)	<0.01
High flow nasal canula or BiPAP/CPAP	18	14.2 (8.4–22.0)	245	21.4 (18.8–24.2)	0.08
Invasive mechanical ventilation	15	11.3 (6.2–18.5)	56	4.8 (3.6–6.3)	<0.01
<b>Maternal vaccination status<sup>§§</sup></b>					
No record of maternal vaccination during pregnancy	104	92.0 (85.4–96.2))	921	87.5 (85.3–89.5)	0.14
Mother vaccinated during pregnancy	11	8.0 (3.8–14.6)	144	12.5 (10.5–14.7)	

**Abbreviations:** BiPAP/CPAP = bilevel positive airway pressure/continuous positive airway pressure; ICU = intensive care unit.

\*A birth hospitalization was defined as the hospitalization during which the infant was born.

†Selected counties in California, Colorado, Connecticut, Georgia, Maryland, Michigan, Minnesota, New Mexico, New York, Oregon, Tennessee, and Utah.

§Data are from a weighted sample of hospitalized children with completed medical record abstractions. Sample sizes presented are unweighted with weighted percentages.

<sup>¶</sup> If ethnicity was unknown, non-Hispanic ethnicity was assumed. Persons of Hispanic or Latino (Hispanic) origin might be of any race but are categorized as Hispanic; all racial groups are non-Hispanic. Persons of all other races include non-Hispanic American Indian or Alaska Native, other race, and multiracial persons.

**\*\*COVID-19–related symptoms included respiratory conditions (congestion/runny nose, cough, shortness of breath/respiratory distress, upper respiratory infection, wheezing, nausea/vomiting, rash, and seizures) and non-respiratory conditions (conjunctivitis, diarrhea, fever, apnea, cyanosis, decreased vocalization/stridor, dehydration, hypothermia, inability to eat/poor feeding, and lethargy). Signs and symptoms data were abstracted from medical charts and might be incomplete.**

<sup>††</sup>Small sample sizes of less than 4 are suppressed and totals are not shown due to privacy considerations.

<sup>§§</sup> Maternal vaccination status was unknown for 86 (6.9%) infants; these infants were excluded from the maternal vaccination status section.