

**SUPPLEMENTARY TABLE 1. Association of immunocompromising conditions with in-hospital death among patients hospitalized for COVID-19\*— COVID-NET, 10 States,<sup>†</sup> March 1, 2020–February 28, 2022**

Immunocompromising condition	No. (weighted %) <sup>§</sup>		
	Death	No Death	aOR (95% CI)
AIDS or CD4 Count <200	3 (0.2) <sup>¶</sup>	34 (0.15)	2.03 (1.06–3.87)**
Complement deficiency	1 (0.1)	3 (0.01) <sup>¶</sup>	—
Graft versus host disease	0 (0.0)	7 (0.04)	—
HIV infection	13 (0.64) <sup>¶</sup>	163 (0.84)	1.19 (0.61–2.34)
Immunoglobulin deficiency/immunodeficiency	4 (0.04)	44 (0.24)	0.16 (0.04–0.63)**
Immunosuppressive therapy	94 (5.65)	569 (3.71)	1.65 (1.23–2.22) <sup>††</sup>
Leukemia	24 (1.64)	111 (0.70)	2.07 (0.99–4.33)
Lymphoma, Hodgkin’s/non-Hodgkin’s	20 (0.62) <sup>¶</sup>	104 (0.72)	0.75 (0.42–1.32)
Metastatic cancer	40 (1.58)	172 (1.31)	1.00 (0.67–1.49)
Multiple myeloma	13 (1.29) <sup>¶</sup>	39 (0.20) <sup>¶</sup>	5.28 (1.75–15.96) <sup>††</sup>
Solid organ malignancy	134 (5.88)	656 (4.38)	1.14 (0.88–1.48)
Steroid therapy	81 (3.90)	528 (3.14)	1.30 (0.90–1.89)
Transplant, hematopoietic stem cell	2 (0.47) <sup>§§</sup>	24 (0.13) <sup>¶</sup>	—
Transplant, solid organ	36 (2.60) <sup>¶</sup>	217 (1.60)	2.12 (1.06–4.25)**

**Abbreviations:** aOR = adjusted odds ratio; COVID-NET = COVID-19–Associated Hospitalization Surveillance Network; RSE = relative standard error.

\* Adjusted for age (in years) and sex. Comparison group includes all patients without the specific immunocompromising condition irrespective of their immune status (i.e., includes patients with other immunocompromising conditions and patients with no immunocompromising condition). Each immunocompromising condition is modeled separately; persons could have more than one immunocompromising condition. The aOR for models that did not converge or had RSE >50 for one of the results were not reported.

<sup>†</sup> Selected counties in California, Colorado, Connecticut, Georgia, Michigan, Minnesota, New Mexico, New York, Oregon, and Tennessee.

<sup>§</sup> Representative sample of all cases reported to COVID-NET, stratified by age and COVID-NET site. Percentages weighted to account for the probability of selection for sampled cases.

<sup>¶</sup> RSE >30 and estimates might be unstable; results should be interpreted with caution.

\*\* p-value <0.05.

<sup>††</sup> p-value <0.01.

<sup>§§</sup> RSE >50. Results should not be used.