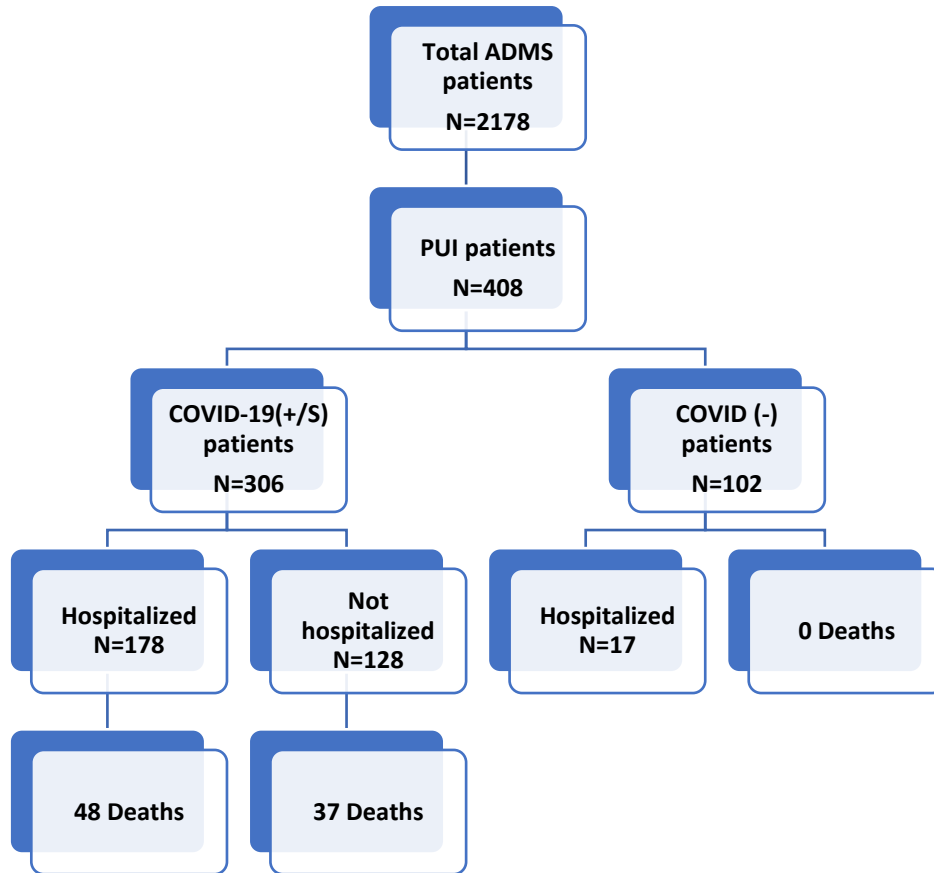**Supplemental Material Table of Contents**

Supplemental Figure 1: Categorization of patients. PUI = Persons Under Investigation.

Supplemental Table 1: Non-adjusted odds of death, hospitalization and ED visit of the PUI cohort, by COVID-19 infection status.

Supplemental Table 2: Demographic characteristics of the PUI population.

Supplemental Table 3: Demographic characteristics of the total ESKD population.

Supplemental Figure 1: Categorization of patients. PUI = Persons Under Investigation.

Supplemental Table 1: Non-adjusted odds of death, hospitalization and ED visit of the PUI cohort, by COVID-19 infection status. The non-adjusted odds ratio (OR) and the 95% confidence interval (CI95) derived from Firth penalized logistic regressions is indicated for each outcome.

	Death		Hospitalization		ER visit	
	OR(CI95)	P-value	OR(CI95)	P-value	OR(CI95)	P-value
COVID-19 (-)	1		1		1	
COVID-19 (+/S)	79.13 (4.86-1287.99)	0.002	6.79 (3.87-11.91)	<0.001	2.36 (0.98-5.48)	0.55~

Supplemental Table 2: Demographic characteristics of the PUI population.
COVID-19(-) and COVID-19(+/S) cohorts were compared using Chi-square tests; X^2 and p-value of each test are shown.

	COVID-19(-)	COVID-19(+/S)	Total	Chi-square	P-value
Borough/City				5.17	0.27
Queens (n)	52	137	189		
%	51	44.9	46.4		
Brooklyn (n)	33	92	125		
%	32.3	30.2	30.7		
Bronx (n)	9	30	39		
%	8.8	9.8	9.6		
Manhattan (n)	2	24	26		
%	2	7.9	6.4		
Long Island (n)	6	22	28		
%	5.9	7.2	6.9		
Gender				0.28	0.60
Female (n)	41	114	155		
%	40.2	37.2	38		
Male (n)	61	192	253		
%	59.8	62.7	62		
Race/ethnicity				1.53	0.82
Black (n)	45	118	163		
%	44.6	38.8	40.3		
Hispanic (n)	32	114	146		
%	31.7	37.5	36.1		
Asian (n)	12	39	51		
%	11.9	12.8	12.6		
White (n)	11	31	42		
%	10.9	10.2	10.4		
Multiracial or other (n)	1	2	3		
%	1	0.7	0.7		
Social security number				0.13	0.72
No	22	61	83		
	21.6	19.9	20.3		
Yes	80	245	325		
	78.4	80.1	79.7		

Supplemental Table 3: Demographic characteristics of the total ESKD population. Total ADMS = prevalent dialysis patients at all facilities. COVID-19(+/S) = all individuals tested positive for SARS-cov2 RNA and those presumed to be positive based on case presentation and symptoms. ESKD = End Stage Kidney Disease. SSN = Social Security Number

	COVID-19(+/S) Patients N=306	Total ADMS Patients N=2178
Age in years n (%)		
18-44	30 (10%)	221 (10%)
45-54	44 (14%)	323 (15%)
55-64	73 (24%)	569 (26%)
65-74	87 (28%)	559 (26%)
Over 75	72 (24%)	508 (23%)
Average age in years (SD)	64 ± 13.5	63 ± 14.0
ESKD Vintage in years (SD)	4.5 ± 4.0	3.8 ± 6.0
Male sex n (%)	192 (63%)	1299 (60%)
Race n (%)		
White	31 (10%)	234 (11%)
Black	117 (38%)	749 (34%)
Asian	39 (13%)	221 (10%)
Hispanic	113 (37%)	537 (25%)
Co-Morbidity n (%)		
Diabetes	110 (36%)	1418 (65%)
Hypertension	115 (38%)	1309 (60%)
Congestive Heart Failure	30 (10%)	207 (10%)
Coronary Artery Disease	15 (5%)	293 (13%)
Location n (%)		
Brooklyn	92 (30%)	634 (29%)
Queens	135 (44%)	880 (40%)
Bronx	30 (10%)	293 (13%)
Nassau & Suffolk Counties	24 (8%)	201 (9%)
Manhattan	24 (8%)	104 (5%)
Immigration Status n (%)		
No Recorded SSN	61 (20%)	83 (4%)