

**S16 Table. Subgroup counts and percents: CPAP and invasive ventilation**

		Ward admissions with CPAP			ICU admissions with CPAP			ICU admissions invasively ventilated		
		Wave 1	Wave 2	Wave 3	Wave 1	Wave 2	Wave 3	Wave 1	Wave 2	Wave 3
		n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)
Age	18-39	1 (1.6)	5 (3.3)	6 (7.6)	3 (21.4)	8 (10.7)	3 (7.3)	6 (6.1)	5 (5.0)	2 (4.5)
	40-49	5 (7.9)	11 (7.2)	10 (12.7)	3 (21.4)	7 (9.3)	7 (17.1)	12 (12.1)	17 (17.0)	10 (22.7)
	50-59	9 (14.3)	28 (18.4)	9 (11.4)	2 (14.3)	24 (32.0)	15 (36.6)	25 (25.3)	27 (27.0)	11 (25.0)
	60-69	13 (20.6)	34 (22.4)	25 (31.6)	6 (42.9)	25 (33.3)	7 (17.1)	30 (30.3)	32 (32.0)	15 (34.1)
	70-79	23 (36.5)	43 (28.3)	18 (22.8)	0 (0.0)	9 (12.0)	6 (14.6)	26 (26.3)	19 (19.0)	5 (11.4)
	80+	12 (19.0)	31 (20.4)	11 (13.9)	0 (0.0)	2 (2.7)	3 (7.3)	0 (0.0)	0 (0.0)	1 (2.3)
	All	63 (100)	152 (100)	79 (100)	14 (100)	75 (100)	41 (100)	99 (100)	100 (100)	44 (100)
Sex	Male	42 (66.7)	86 (56.6)	47 (59.5)	8 (57.1)	44 (58.7)	27 (65.9)	69 (69.7)	77 (77.0)	28 (63.6)
	Female	21 (33.3)	66 (43.4)	32 (40.5)	6 (42.9)	31 (41.3)	14 (34.1)	30 (30.3)	23 (23.0)	16 (36.4)
	All	63 (100)	152 (100)	79 (100)	14 (100)	75 (100)	41 (100)	99 (100)	100 (100)	44 (100)
Comorbidities	0	1 (1.6)	14 (9.2)	2 (2.5)	6 (42.9)	5 (6.7)	7 (17.1)	14 (14.1)	17 (17.0)	2 (4.5)
	1	14 (22.2)	21 (13.8)	17 (21.5)	2 (14.3)	20 (26.7)	9 (22.0)	26 (26.3)	26 (26.0)	2 (4.5)
	2	21 (33.3)	38 (25.0)	13 (16.5)	1 (7.1)	17 (22.7)	6 (14.6)	26 (26.3)	18 (18.0)	16 (36.4)
	3	15 (23.8)	25 (16.4)	13 (16.5)	3 (21.4)	9 (12.0)	11 (26.8)	19 (19.2)	19 (19.0)	10 (22.7)
	4	5 (7.9)	24 (15.8)	9 (11.4)	0 (0.0)	6 (8.0)	6 (14.6)	8 (8.1)	8 (8.0)	5 (11.4)
	5+	7 (11.1)	30 (19.7)	25 (31.6)	2 (14.3)	18 (24.0)	2 (4.9)	6 (6.1)	12 (12.0)	9 (20.5)
	All	63 (100)	152 (100)	79 (100)	14 (100)	75 (100)	41 (100)	99 (100)	100 (100)	44 (100)
Deprivation	most 10%	12 (19.7)	18 (12.3)	7 (9.0)	4 (36.4)	4 (5.5)	5 (12.8)	13 (14.3)	16 (17.8)	4 (9.1)
	most 10-20%	7 (11.5)	15 (10.3)	8 (10.3)	0 (0.0)	4 (5.5)	4 (10.3)	11 (12.1)	10 (11.1)	3 (6.8)
	most 20-30%	8 (13.1)	21 (14.4)	10 (12.8)	1 (9.1)	14 (19.2)	7 (17.9)	15 (16.5)	10 (11.1)	12 (27.3)
	most 30-50%	18 (29.5)	27 (18.5)	13 (16.7)	2 (18.2)	12 (16.4)	7 (17.9)	17 (18.7)	25 (27.8)	9 (20.5)
	least 50%	16 (26.2)	65 (44.5)	40 (51.3)	4 (36.4)	39 (53.4)	16 (41.0)	35 (38.5)	29 (32.2)	16 (36.4)
	All	61 (100)	146 (100)	78 (100)	11 (100)	73 (100)	39 (100)	91 (100)	90 (100)	44 (100)