

Table S1. Crude rates over the period January 1st to April 30th 2020 in the two HPAs, overall and stratified by sex and/or age class. 95% Confidence Intervals were computed based on Poisson exact method.

	Crude rates (95% Confidence Intervals)*1000 person/months					
	January-February	2019 March-April	January-April	January-February	2020 March-April	January-April
HPA of Bergamo						
Total	0.93 (0.89 - 0.98)	0.78 (0.74 - 0.81)	0.85 (0.83 - 0.88)	0.85 (0.81 - 0.89)	3.46 (3.38 - 3.54)	2.17 (2.12 - 2.21)
Sex						
Females	0.99 (0.94 - 1.06)	0.78 (0.73 - 0.84)	0.89 (0.85 - 0.93)	0.92 (0.86 - 0.98)	3.07 (2.97 - 3.18)	2.00 (1.95 - 2.06)
Males	0.87 (0.82 - 0.93)	0.77 (0.72 - 0.82)	0.82 (0.78 - 0.86)	0.79 (0.73 - 0.84)	3.85 (3.73 - 3.97)	2.33 (2.27 - 2.40)
Age class						
<60	0.10 (0.08 - 0.11)	0.08 (0.07 - 0.10)	0.09 (0.08 - 0.10)	0.08 (0.07 - 0.10)	0.19 (0.17 - 0.22)	0.14 (0.13 - 0.15)
60-69	0.68 (0.58 - 0.79)	0.58 (0.49 - 0.68)	0.63 (0.56 - 0.70)	0.66 (0.57 - 0.77)	2.65 (2.46 - 2.85)	1.66 (1.56 - 1.78)
70-79	1.96 (1.76 - 2.17)	1.88 (1.69 - 2.08)	1.92 (1.78 - 2.06)	1.81 (1.62 - 2.00)	9.32 (8.90 - 9.74)	5.59 (5.36 - 5.83)
80-89	7.94 (7.39 - 8.53)	6.46 (5.97 - 6.98)	7.19 (6.82 - 7.58)	6.51 (6.04 - 7.01)	27.86 (26.89 - 28.86)	17.27 (16.73 - 17.83)
90+	34.18 (31.29 - 37.25)	25.77 (23.31 - 28.41)	29.90 (28.00 - 31.90)	22.98 (20.94 - 25.17)	76.75 (73.02 - 80.64)	50.09 (47.94 - 52.31)
Sex and age class						
Females						
<60	0.08 (0.06 - 0.11)	0.06 (0.04 - 0.08)	0.07 (0.06 - 0.09)	0.08 (0.06 - 0.10)	0.12 (0.10 - 0.15)	0.10 (0.08 - 0.12)
60-69	0.53 (0.41 - 0.68)	0.39 (0.29 - 0.51)	0.46 (0.38 - 0.55)	0.52 (0.41 - 0.66)	1.21 (1.03 - 1.41)	0.87 (0.76 - 0.99)
70-79	1.44 (1.22 - 1.69)	1.27 (1.07 - 1.50)	1.35 (1.20 - 1.52)	1.59 (1.36 - 1.85)	5.45 (5.02 - 5.90)	3.53 (3.29 - 3.79)
80-89	6.65 (6.02 - 7.34)	5.44 (4.87 - 6.05)	6.04 (5.61 - 6.49)	5.55 (5.00 - 6.14)	20.96 (19.88 - 22.07)	13.31 (12.71 - 13.94)
90+	32.25 (29.08 - 35.66)	23.86 (21.20 - 26.78)	27.99 (25.90 - 30.19)	21.46 (19.21 - 23.89)	71.27 (67.15 - 75.56)	46.57 (44.20 - 49.02)
Males						
<60	0.11 (0.09 - 0.14)	0.10 (0.08 - 0.13)	0.11 (0.09 - 0.12)	0.09 (0.07 - 0.11)	0.26 (0.23 - 0.30)	0.18 (0.16 - 0.20)
60-69	0.83 (0.68 - 1.01)	0.79 (0.64 - 0.96)	0.81 (0.70 - 0.93)	0.80 (0.66 - 0.97)	4.14 (3.79 - 4.50)	2.48 (2.30 - 2.68)
70-79	2.56 (2.24 - 2.92)	2.59 (2.27 - 2.94)	2.58 (2.35 - 2.82)	2.06 (1.78 - 2.37)	13.78 (13.04 - 14.54)	7.96 (7.57 - 8.38)
80-89	10.13 (9.11 - 11.23)	8.19 (7.29 - 9.17)	9.14 (8.46 - 9.86)	8.04 (7.21 - 8.95)	38.81 (36.97 - 40.72)	23.56 (22.54 - 24.61)
90+	40.91 (34.37 - 48.33)	32.40 (26.70 - 38.95)	36.58 (32.19 - 41.40)	27.93 (23.38 - 33.10)	94.59 (86.12 - 103.66)	61.53 (56.67 - 66.70)
HPA of Brescia						
Total	0.97 (0.93 - 1.02)	0.75 (0.72 - 0.79)	0.86 (0.83 - 0.89)	0.81 (0.78 - 0.85)	2.50 (2.43 - 2.56)	1.66 (1.62 - 1.70)
Sex						
Females	1.02 (0.96 - 1.08)	0.78 (0.73 - 0.83)	0.90 (0.86 - 0.94)	0.85 (0.80 - 0.91)	2.40 (2.31 - 2.49)	1.63 (1.58 - 1.69)
Males	0.93 (0.87 - 0.99)	0.72 (0.67 - 0.77)	0.82 (0.79 - 0.86)	0.77 (0.72 - 0.83)	2.59 (2.50 - 2.69)	1.69 (1.64 - 1.74)
Age class						
<60	0.08 (0.07 - 0.10)	0.06 (0.05 - 0.08)	0.07 (0.06 - 0.08)	0.08 (0.06 - 0.09)	0.14 (0.12 - 0.16)	0.11 (0.10 - 0.12)
60-69	0.67 (0.58 - 0.78)	0.52 (0.44 - 0.61)	0.59 (0.53 - 0.66)	0.53 (0.45 - 0.63)	1.81 (1.66 - 1.98)	1.18 (1.09 - 1.27)

	Crude rates (95% Confidence Intervals)*1000 person/months					
	2019			2020		
	January-February	March-April	January-April	January-February	March-April	January-April
70-79	1.99 (1.81 - 2.19)	1.64 (1.48 - 1.82)	1.81 (1.69 - 1.95)	1.55 (1.39 - 1.72)	6.20 (5.88 - 6.54)	3.89 (3.71 - 4.08)
80-89	7.19 (6.72 - 7.69)	5.47 (5.06 - 5.89)	6.31 (6.00 - 6.64)	5.53 (5.13 - 5.96)	17.94 (17.21 - 18.68)	11.79 (11.37 - 12.21)
90+	21.99 (20.25 - 23.84)	16.44 (14.96 - 18.02)	19.17 (18.02 - 20.37)	19.31 (17.73 - 20.99)	47.86 (45.37 - 50.44)	33.70 (32.22 - 35.23)
Sex and age class						
Females						
<60	0.07 (0.05 - 0.09)	0.05 (0.04 - 0.07)	0.06 (0.05 - 0.07)	0.06 (0.04 - 0.08)	0.09 (0.07 - 0.11)	0.07 (0.06 - 0.09)
60-69	0.39 (0.29 - 0.51)	0.32 (0.23 - 0.43)	0.35 (0.29 - 0.43)	0.37 (0.28 - 0.49)	0.99 (0.83 - 1.17)	0.68 (0.59 - 0.79)
70-79	1.58 (1.36 - 1.83)	1.19 (1.00 - 1.40)	1.38 (1.23 - 1.54)	1.15 (0.96 - 1.36)	3.90 (3.55 - 4.28)	2.54 (2.34 - 2.75)
80-89	6.05 (5.50 - 6.64)	4.75 (4.27 - 5.26)	5.39 (5.02 - 5.77)	4.36 (3.91 - 4.85)	14.44 (13.61 - 15.30)	9.44 (8.97 - 9.93)
90+	20.47 (18.57 - 22.52)	15.46 (13.84 - 17.22)	17.92 (16.67 - 19.25)	19.05 (17.26 - 20.97)	45.99 (43.21 - 48.90)	32.63 (30.97 - 34.36)
Males						
<60	0.09 (0.07 - 0.12)	0.08 (0.06 - 0.10)	0.09 (0.07 - 0.10)	0.09 (0.07 - 0.11)	0.19 (0.16 - 0.22)	0.14 (0.12 - 0.16)
60-69	0.97 (0.81 - 1.16)	0.73 (0.59 - 0.89)	0.85 (0.74 - 0.97)	0.70 (0.56 - 0.86)	2.68 (2.41 - 2.97)	1.70 (1.54 - 1.86)
70-79	2.47 (2.17 - 2.80)	2.17 (1.89 - 2.48)	2.32 (2.11 - 2.54)	2.01 (1.74 - 2.30)	8.84 (8.27 - 9.43)	5.45 (5.13 - 5.78)
80-89	9.04 (8.19 - 9.96)	6.64 (5.92 - 7.41)	7.82 (7.26 - 8.41)	7.39 (6.65 - 8.19)	23.45 (22.13 - 24.83)	15.49 (14.72 - 16.28)
90+	27.12 (23.15 - 31.58)	19.75 (16.44 - 23.54)	23.38 (20.77 - 26.22)	20.14 (16.90 - 23.82)	53.89 (48.54 - 59.67)	37.15 (33.99 - 40.54)