

**Supplementary Table 4.** Trends in ICU Length of Stay of Adult Population (Aged ≥20 Years) in South Korea, 2011–2019

Administrative districts	ICU days of population ≥20 years (K)		Change, %	AAPC (95% CI)	Trend 1		Trend 2	
	2011	2019	2011–2019	2011–2019	Years	APC (95% CI)	Years	APC (95% CI)
South Korea	1493.5	2148.1	43.8	5.1 (4.4 to 5.7)	2011–2019	5.1 (4.4 to 5.7)		
Seoul	415.7	508.1	22.2	2.5 (2.2 to 2.8)	2011–2019	2.5 (2.2 to 2.8)		
Busan	123.0	159.1	29.3	3.5 (2.6 to 4.4)	2011–2019	3.5 (2.6 to 4.4)		
Incheon	68.3	133.7	95.8	9.3 (4.3 to 14.6)	2011–2015	18.1 (7.5 to 29.8)	2015–2019	1.2 (-7.9 to 11.2)
Daegu	41.1	93.9	128.5	12.6 (10.5 to 14.8)	2011–2019	12.6 (10.5 to 14.8)		
Gwangju	28.1	84.0	198.9	16.6 (11.1 to 22.5)	2011–2019	16.6 (11.1 to 22.5)		
Daejeon	41.9	77.8	85.7	7.5 (3.9 to 11.2)	2011–2015	16 (8.3 to 24.2)	2015–2019	-0.4 (-7 to 6.7)
Ulsan	30.4	36.2	19.1	2.3 (1.2 to 3.5)	2011–2015	-1.1 (-3.3 to 1.2)	2015–2019	5.8 (3.4 to 8.2)
Gyeonggi-do	302.4	412.7	36.5	4.3 (3.9 to 4.7)	2011–2019	4.3 (3.9 to 4.7)		
Gangwon-do	56.1	95.3	69.9	8.7 (6.5 to 10.9)	2011–2019	8.7 (6.5 to 10.9)		
Chungcheongbuk-do	47.5	63.9	34.5	5.1 (2.6 to 7.7)	2011–2019	5.1 (2.6 to 7.7)		
Chungcheongnam-do	36.2	84.0	132.0	12.5 (9.7 to 15.4)	2011–2019	12.5 (9.7 to 15.4)		
Jeollabuk-do	57.5	67.6	17.6	3.0 (1.3 to 4.7)	2011–2019	3.0 (1.3 to 4.7)		
Jeollanam-do	64.6	81.7	26.5	4.0 (2.2 to 5.8)	2011–2019	4.0 (2.2 to 5.8)		
Gyeongsangbuk-do	83.7	113.2	35.2	4.3 (3.0 to 5.5)	2011–2019	4.3 (3.0 to 5.5)		
Gyeongsangnam-do	61.7	102.0	65.3	5.9 (5.2 to 6.6)	2011–2019	5.9 (5.2 to 6.6)		
Jeju-do	34.9	34.5	-1.1	0.1 (-0.9 to 1.1)	2011–2015	3.0 (0.9 to 5)	2015–2019	-2.8 (-4.7 to -0.8)

AAPC, average annual percent change; APC, annual percent change; ICU, intensive care unit; K, thousand; CI, confidence interval.