

**Supplementary Table 1.** Incidence rates of suicide attempts by sex and age in 2019 and 2020

	Incidence rates (95% CI)*		IRR (95% CI)	p
	2019	2020		
Total	70.65 (69.91–71.39)	67.73 (67.00–68.46)	0.96 (0.94–0.97)	<0.001
Male	58.85 (57.89–59.81)	51.90 (51.00–52.80)	0.88 (0.86–0.90)	<0.001
Female	82.37 (81.23–83.50)	83.44 (82.30–84.58)	1.00 (0.99–1.03)	0.191
Adolescents	49.33 (47.50–51.15)	45.26 (43.50–47.02)	0.92 (0.87–0.97)	0.002
Male	25.58 (23.76–27.41)	20.20 (18.56–21.84)	0.79 (0.71–0.88)	<0.001
Female	74.67 (71.44–77.90)	71.92 (68.73–75.11)	0.96 (0.91–1.02)	0.235
Young adults	128.70 (126.20–131.20)	147.50 (144.90–150.20)	1.10 (1.10–1.20)	<0.001
Male	85.54 (82.74–88.33)	85.49 (82.68–88.31)	1.00 (0.95–1.05)	0.982
Female	176.50 (172.20–180.70)	216.10 (211.40–220.80)	1.20 (1.20–1.30)	<0.001
Middle-aged	67.20 (66.16–68.24)	59.89 (58.9–60.87)	0.89 (0.87–0.91)	<0.001
Male	57.29 (55.94–58.63)	48.92 (47.67–50.17)	0.85 (0.82–0.88)	<0.001
Female	77.42 (75.83–79.00)	71.22 (69.69–72.76)	0.92 (0.89–0.95)	<0.001
Older adults	47.62 (46.35–48.89)	41.04 (39.89–42.19)	0.86 (0.83–0.90)	<0.001
Male	59.73 (57.61–61.85)	49.71 (47.83–51.60)	0.83 (0.79–0.88)	<0.001
Female	37.72 (36.20–39.25)	33.89 (32.48–35.30)	0.90 (0.85–0.95)	<0.001

Age was categorized into the following four groups: adolescents (<18), young adults (18–29), middle-aged (30–59), older adults (≥60). \*annual incidence rates per 100,000 person-years was calculated using the mid-year census population of respective year in the Korean Statistical Information Service (KOSIS). IRR, incidence rate ratio; CI, confidence interval