

Supplementary Table 6. Annual incidence rates per 100,000 person-years for 8 adverse events of special interest in South Korea by age group based on narrow definition

AESI type	Age (y)	2015	2016	2017	2018	2019
Acute myocarditis	0-19	-	-	-	-	-
	20-39	-	-	-	-	-
	30-64	-	-	-	-	-
	≥65	-	-	-	-	-
Acute pericarditis	0-19	1.40 (0.45-4.34)	1.43 (0.46-4.44)	1.48 (0.48-4.60)	1.53 (0.49-4.75)	3.70 (1.76-7.76)
	20-39	5.07 (2.41-10.62)	2.86 (1.07-7.62)	4.98 (2.37-10.44)	1.42 (0.36-5.68)	5.69 (2.84-11.37)
	30-64	3.91 (2.57-5.93)	3.35 (2.14-5.25)	4.24 (2.84-6.33)	4.59 (3.12-6.74)	5.30 (3.71-7.59)
	≥65	8.55 (4.86-15.06)	12.39 (7.81-19.67)	11.81 (7.44-18.74)	12.62 (8.14-19.56)	19.27 (13.63-27.25)
Acute disseminated encephalomyelitis	0-19	1.86 (0.70-4.97)	-	0.49 (0.07-3.51)	0.51 (0.07-3.63)	-
	20-39	-	-	-	-	-
	30-64	0.18 (0.03-1.26)	0.18 (0.02-1.25)	-	-	-
	≥65	-	-	0.66 (0.09-4.66)	-	-
Acute transverse myelitis	0-19	-	-	-	-	-
	20-39	-	1.43 (0.36-5.72)	-	-	-
	30-64	1.07 (0.48-2.37)	0.53 (0.17-1.64)	0.35 (0.09-1.41)	-	0.35 (0.09-1.41)
	≥65	1.43 (0.36-5.70)	2.06 (0.67-6.40)	1.97 (0.63-6.10)	-	-
Encephalitis	0-19	3.73 (1.87-7.46)	0.96 (0.24-3.82)	-	1.02 (0.26-4.08)	6.34 (3.60-11.17)
	20-39	5.79 (2.89-11.58)	2.15 (0.69-6.65)	2.13 (0.69-6.61)	2.13 (0.69-6.61)	1.42 (0.36-5.68)
	30-64	4.26 (2.86-6.36)	3.52 (2.27-5.46)	3.01 (1.87-4.84)	4.77 (3.27-6.95)	3.18 (2.00-5.05)
	≥65	11.40 (6.98-18.61)	8.95 (5.20-15.41)	7.21 (4.00-13.03)	6.94 (3.84-12.53)	5.42 (2.82-10.42)
Anaphylaxis	0-19	19.11 (14.07-25.96)	14.34 (10.02-20.50)	15.34 (10.79-21.81)	20.43 (14.99-27.85)	18.50 (13.28-25.76)
	20-39	17.37 (11.64-25.91)	15.73 (10.36-23.89)	13.51 (8.62-21.18)	19.90 (13.74-28.83)	43.35 (33.73-55.72)
	30-64	23.97 (20.25-28.38)	22.91 (19.29-27.21)	27.76 (23.74-32.46)	31.95 (27.62-36.96)	34.83 (30.29-40.05)
	≥65	21.38 (14.95-30.58)	36.48 (27.87-47.76)	24.92 (18.14-34.25)	27.13 (20.12-36.58)	41.55 (32.82-52.61)
Bell's palsy	0-19	-	-	-	-	-
	20-39	-	-	-	-	-
	30-64	-	-	-	-	-
	≥65	-	-	-	-	-
Lymphadenitis	0-19	2,292.35 (2,228.07-2,358.47)	2,253.98 (2,189.54-2,320.31)	2,200.20 (2,135.45-2,266.91)	2,254.35 (2,187.77-2,322.95)	2,183.94 (2,117.32-2,252.67)
	20-39	1,772.52 (1,702.78-1,845.12)	1,734.22 (1,665.69-1,805.58)	1,953.08 (1,880.45-2,028.51)	1,912.60 (1,840.68-1,987.33)	2,018.57 (1,944.64-2,095.30)
	30-64	1,421.03 (1,389.89-1,452.86)	1,486.33 (1,454.61-1,518.74)	1,524.75 (1,492.55-1,557.64)	1,566.55 (1,533.92-1,599.87)	1,574.11 (1,541.37-1,607.53)
	≥65	1,089.05 (1,035.36-1,145.52)	1,064.22 (1,012.06-1,119.07)	1,107.88 (1,055.88-1,162.45)	1,184.05 (1,131.23-1,239.33)	1,230.57 (1,177.90-1,285.61)

AESI, adverse events of special interest.

Incidence rates were expressed per 100,000 person-years with 95% confidence interval.