

**Table S11.** Global count and age-standardized rate (per 100,000) of incidence for adverse effects of medical treatments by sexes from 1990 to 2021.

	Incidence (95% UI)			
	Male		Female	
	Count (thousand)	Rate (per 100,000)	Count (thousand)	Rate (per 100,000)
<b>All age</b>	5738.08 (5012.27 to 6558.83)	144.92 (126.59 to 165.65)	6743.20 (5859.66 to 7748.28)	171.50 (149.03 to 197.06)
<b>Age group</b>				
Early neonatal	1.13 (0.91 to 1.40)	89.09 (71.51 to 110.32)	1.13 (0.91 to 1.40)	95.80 (77.08 to 118.47)
Late neonatal	3.32 (2.67 to 4.10)	88.14 (70.92 to 108.72)	3.34 (2.69 to 4.11)	94.64 (76.28 to 116.70)
1–5 months	22.45 (18.32 to 27.13)	80.83 (65.97 to 97.68)	22.47 (18.30 to 27.08)	86.47 (70.43 to 104.21)
6–11 months	20.37 (15.77 to 25.09)	62.39 (48.31 to 76.85)	20.06 (15.59 to 24.57)	65.67 (51.04 to 80.43)
12–23 months	34.12 (23.72 to 45.42)	51.45 (35.77 to 68.49)	32.92 (23.03 to 43.68)	53.01 (37.09 to 70.34)
2–4 years	107.46 (69.28 to 148.43)	51.61 (33.27 to 71.29)	103.43 (66.33 to 144.61)	53.08 (34.04 to 74.21)
5–9 years	201.47 (122.45 to 317.96)	56.84 (34.54 to 89.70)	192.79 (116.09 to 305.20)	57.97 (34.90 to 91.77)
10–14 years	217.29 (131.53 to 375.36)	63.22 (38.27 to 109.21)	200.98 (120.21 to 344.01)	62.24 (37.23 to 106.53)
15–19 years	232.86 (138.62 to 375.72)	72.69 (43.27 to 117.29)	218.27 (130.04 to 356.02)	71.88 (42.82 to 117.25)
20–24 years	248.46 (146.11 to 373.81)	81.89 (48.16 to 123.20)	266.58 (158.34 to 400.19)	90.75 (53.90 to 136.23)
25–29 years	260.08 (140.81 to 396.79)	87.46 (47.35 to 133.44)	323.18 (182.63 to 490.40)	111.06 (62.76 to 168.53)
30–34 years	292.96 (174.60 to 430.39)	95.88 (57.14 to 140.86)	387.47 (235.17 to 570.04)	129.62 (78.67 to 190.69)
35–39 years	316.78 (192.29 to 457.65)	111.91 (67.93 to 161.68)	437.13 (271.22 to 625.24)	157.35 (97.63 to 225.06)
40–44 years	311.57 (186.20 to 456.67)	123.56 (73.84 to 181.10)	449.39 (272.60 to 660.70)	181.14 (109.88 to 266.31)
45–49 years	314.71 (197.60 to 462.93)	132.31 (83.07 to 194.62)	449.78 (285.17 to 649.51)	190.87 (121.02 to 275.63)
50–54 years	362.12 (231.39 to 520.67)	163.13 (104.24 to 234.56)	478.97 (302.22 to 692.95)	214.84 (135.56 to 310.82)
55–59 years	423.67 (281.04 to 619.49)	217.57 (144.32 to 318.14)	530.27 (350.69 to 780.03)	263.81 (174.47 to 388.07)
60–64 years	490.39 (336.37 to 700.88)	315.29 (216.26 to 450.62)	595.19 (404.56 to 852.52)	361.79 (245.92 to 518.22)
65–69 years	523.73 (352.43 to 772.37)	397.27 (267.33 to 585.87)	595.60 (403.17 to 878.12)	413.58 (279.96 to 609.76)
70–74 years	539.75 (340.20 to 796.87)	559.95 (352.93 to 826.70)	562.96 (359.66 to 831.88)	514.36 (328.61 to 760.07)
75–79 years	405.53 (282.26 to 539.14)	678.30 (472.10 to 901.77)	402.28 (281.58 to 536.21)	557.96 (390.55 to 743.73)

80–84 years	242.46 (173.56 to 330.37)	661.53 (473.54 to 901.37)	254.71 (179.02 to 346.58)	500.10 (351.50 to 680.50)
85–89 years	108.92 (81.30 to 147.13)	631.33 (471.25 to 852.80)	130.97 (98.34 to 175.58)	460.05 (345.44 to 616.76)
90–94 years	43.16 (30.15 to 58.99)	740.58 (517.29 to 1012.03)	60.57 (42.70 to 84.54)	502.20 (354.00 to 700.96)
95+ years	13.30 (7.80 to 20.06)	879.53 (516.13 to 1326.91)	22.77 (13.55 to 34.82)	578.28 (344.09 to 884.26)

---

Abbreviations: UI, uncertainty interval.