

**Table S23.** Percentage change in mortality-incidence ratios for adverse effects of medical treatments by SDI and age group, 1990–2021.

	Mortality-incidence ratios (%)					
	Global (95% UI)	High SDI (95% UI)	High-middle SDI (95% UI)	Middle SDI (95% UI)	Low-middle SDI (95% UI)	Low SDI (95% UI)
<b>All age</b>	-33.11 (-35.21 to -36.67)	-26.44 (-28.05 to -24.15)	-32.74 (-31.18 to -32.38)	-39.98 (-36.60 to -39.90)	-31.02 (-33.49 to -35.38)	-32.53 (-36.58 to -30.94)
<b>Age group</b>						
Early neonatal	-10.50 (-14.98 to -11.16)	-41.30 (-45.97 to -37.53)	-72.81 (-72.60 to -71.32)	-40.10 (-38.52 to -38.23)	-11.37 (-13.45 to -12.92)	12.21 (12.08 to 2.95)
Late neonatal	-32.58 (-42.06 to -23.85)	-36.76 (-41.49 to -32.91)	-65.64 (-63.58 to -63.63)	-49.86 (-46.61 to -47.15)	-39.13 (-45.36 to -38.55)	-25.10 (-37.22 to -8.94)
1–5 months	-6.15 (-24.66 to 2.43)	-11.78 (-18.91 to -6.53)	-72.21 (-69.44 to -71.22)	-44.32 (-40.32 to -42.45)	-24.19 (-32.36 to -19.59)	3.87 (-17.56 to 12.05)
6–11 months	17.50 (-6.69 to 24.04)	-41.12 (-44.42 to -40.98)	-87.42 (-86.50 to -86.86)	-53.44 (-51.20 to -52.66)	6.67 (-11.25 to 11.60)	34.60 (6.78 to 37.30)
12–23 months	-41.82 (-47.21 to -41.12)	-27.41 (-32.71 to -25.61)	-83.21 (-79.64 to -84.04)	-75.67 (-69.47 to -76.43)	-41.74 (-32.71 to -46.67)	-23.05 (-17.63 to -23.56)
2–4 years	-37.11 (-29.25 to -34.27)	-51.60 (-52.98 to -51.29)	-91.36 (-89.08 to -91.42)	-82.41 (-80.06 to -82.26)	-53.98 (-37.56 to -56.96)	-35.39 (4.92 to - 34.88)
5–9 years	-43.76 (-47.93 to -43.10)	-47.86 (-48.25 to -49.17)	-79.57 (-75.70 to -80.52)	-82.41 (-80.06 to -82.26)	-55.04 (-54.89 to -57.36)	-27.50 (-35.90 to -23.47)
10–14 years	-30.06 (-35.46 to -32.29)	-40.02 (-39.99 to -42.70)	-71.19 (-67.28 to -72.85)	-73.47 (-69.30 to -73.87)	-45.46 (-47.45 to -50.24)	-23.96 (-28.62 to -28.66)
15–19 years	-36.23 (-34.15 to -36.70)	-43.28 (-43.01 to -44.04)	-65.26 (-62.16 to -66.20)	-59.85 (-52.71 to -61.61)	-45.46 (-47.45 to -50.24)	-29.51 (-26.21 to -33.49)
20–24 years	-30.73 (-30.78 to -37.00)	-37.52 (-42.03 to -35.47)	-61.18 (-61.22 to -61.84)	-54.66 (-50.29 to -56.14)	-46.13 (-43.98 to -53.57)	-25.52 (-20.12 to -32.78)
25–29 years	-28.76 (-28.31 to -33.49)	-31.99 (-36.14 to -28.47)	-57.69 (-55.54 to -57.79)	-52.30 (-46.93 to -52.57)	-43.12 (-40.31 to -46.68)	-26.07 (-23.57 to -32.64)
30–34 years	-28.60 (-26.36 to -33.49)	-27.81 (-32.34 to -23.56)	-53.39 (-49.25 to -52.86)	-54.67 (-48.28 to -54.68)	-41.30 (-39.22 to -46.74)	-22.74 (-19.68 to -31.95)
35–39 years	-30.55 (-32.10 to -32.38)	-26.43 (-31.88 to -20.61)	-54.75 (-52.83 to -53.38)	-56.46 (-51.79 to -56.74)	-41.72 (-41.78 to -45.97)	-25.45 (-25.75 to -29.68)

40–44 years	-29.78 (-30.15 to -34.18)	-30.20 (-33.14 to -26.82)	-51.04 (-46.94 to -51.43)	-53.24 (-49.55 to -54.06)	-40.33 (-42.19 to -44.28)	-30.87 (-31.41 to -38.75)
45–49 years	-32.08 (-31.65 to -38.31)	-32.64 (-34.17 to -30.80)	-44.92 (-42.09 to -47.09)	-46.18 (-42.74 to -47.07)	-39.05 (-38.59 to -43.67)	-29.99 (-28.88 to -34.60)
50–54 years	-36.64 (-36.24 to -41.78)	-36.06 (-37.68 to -34.31)	-40.82 (-40.32 to -39.14)	-48.69 (-44.52 to -49.86)	-38.45 (-39.09 to -42.88)	-31.35 (-29.90 to -35.47)
55–59 years	-35.89 (-35.56 to -41.69)	-40.61 (-41.19 to -40.11)	-38.98 (-36.97 to -39.31)	-44.30 (-42.71 to -45.52)	-29.76 (-30.17 to -36.22)	-23.71 (-23.59 to -28.28)
60–64 years	-37.23 (-40.52 to -43.70)	-41.72 (-43.82 to -41.09)	-37.99 (-39.64 to -37.83)	-41.22 (-43.97 to -43.34)	-34.38 (-39.24 to -38.38)	-20.79 (-20.29 to -32.12)
65–69 years	-32.44 (-32.81 to -42.43)	-43.20 (-44.12 to -42.35)	-34.90 (-34.98 to -36.54)	-37.42 (-40.05 to -41.74)	-29.74 (-31.37 to -42.39)	-19.60 (-15.66 to -34.50)
70–74 years	-32.27 (-31.04 to -41.90)	-36.44 (-36.71 to -35.78)	-39.22 (-41.44 to -38.75)	-37.68 (-36.72 to -39.88)	-22.11 (-25.91 to -30.51)	-11.59 (-6.26 to -28.68)
75–79 years	-26.40 (-27.55 to -33.31)	-42.08 (-45.02 to -38.98)	-33.86 (-39.95 to -29.88)	-37.76 (-38.00 to -40.65)	-22.91 (-26.24 to -35.00)	-12.78 (-6.80 to -30.40)
80–84 years	-13.98 (-20.25 to -21.67)	-35.52 (-42.31 to -33.16)	-32.35 (-39.03 to -30.06)	-32.79 (-34.92 to -37.21)	-9.49 (-8.72 to -27.24)	1.72 (9.41 to -18.68)
85–89 years	-13.44 (-20.29 to -16.32)	-35.87 (-42.33 to -32.17)	-34.38 (-41.20 to -30.61)	-31.96 (-38.69 to -33.25)	-1.83 (-0.53 to -20.27)	11.74 (20.53 to -13.95)
90–94 years	-5.96 (-12.18 to -6.73)	-22.64 (-28.05 to -19.58)	-34.93 (-39.23 to -31.46)	-29.63 (-34.47 to -31.34)	5.86 (10.99 to -13.31)	21.58 (33.23 to -2.56)
95+ years	11.74 (7.11 to 15.24)	0.95 (-1.32 to 6.04)	-27.02 (-35.00 to -22.92)	-28.79 (-32.43 to -31.67)	0.64 (1.47 to -15.79)	12.22 (10.11 to -6.45)

Abbreviations: SDI, socio-demographic index; UI, uncertainty interval.