

Supplementary Table 3. Age-standardized prevalence rates and incidence rates of T1DM-CKD aged 15 to 39 years and their AAPCs from 1990 to 2021 in 204 countries and territories

Location	ASIR (per 100,000)		AAPC	ASPR (per 100,000)		AAPC
	1990 (95% CI)	2021 (95% CI)		1990 (95% CI)	2021 (95% CI)	
Afghanistan	0.32 (0.06 to 1.02)	0.42 (0.07 to 1.42)	0.93 (0.86 to 1.01)	67.10 (23.03 to 153.93)	60.11 (20.17 to 140.94)	-0.25 (-0.45 to -0.05)
Albania	0.43 (0.07 to 1.40)	2.05 (0.41 to 6.01)	5.16 (4.93 to 5.40)	87.01 (35.46 to 189.15)	233.16 (94.41 to 471.48)	3.26 (3.21 to 3.31)
Algeria	0.25 (0.06 to 0.71)	0.38 (0.09 to 1.02)	1.43 (1.19 to 1.67)	71.48 (27.36 to 160.10)	76.50 (28.35 to 174.76)	0.27 (0.11 to 0.44)
American Samoa	0.11 (0.02 to 0.31)	0.16 (0.03 to 0.49)	1.41 (1.32 to 1.49)	20.53 (11.14 to 39.24)	22.28 (11.86 to 43.21)	0.28 (0.21 to 0.35)
Andorra	0.12 (0.02 to 0.40)	0.27 (0.04 to 0.88)	2.77 (2.65 to 2.89)	56.14 (22.99 to 126.06)	123.91 (46.79 to 281.05)	2.61 (2.51 to 2.70)
Angola	0.12 (0.02 to 0.41)	0.18 (0.03 to 0.61)	1.32 (1.08 to 1.57)	38.36 (15.00 to 83.38)	46.31 (17.05 to 104.46)	0.67 (0.52 to 0.82)
Antigua and Barbuda	0.57 (0.13 to 1.62)	0.95 (0.22 to 2.69)	1.75 (1.58 to 1.93)	81.21 (32.13 to 179.59)	91.98 (36.34 to 201.46)	0.48 (0.31 to 0.66)
Argentina	0.36 (0.07 to 1.11)	0.45 (0.09 to 1.33)	0.78 (0.64 to 0.93)	163.08 (61.70 to 354.30)	187.24 (71.07 to 408.98)	0.48 (0.41 to 0.55)
Armenia	0.43 (0.08 to 1.53)	1.30 (0.26 to 4.20)	3.70 (3.63 to 3.78)	97.62 (39.80 to 217.18)	194.74 (79.57 to 426.84)	2.31 (2.24 to 2.38)
Australia	0.28 (0.04 to 0.90)	0.80 (0.15 to 2.34)	3.42 (3.32 to 3.53)	148.66 (55.76 to 341.55)	308.59 (124.26 to 652.54)	2.40 (2.34 to 2.46)
Austria	0.21 (0.03 to 0.69)	0.48 (0.08 to 1.51)	2.68 (2.56 to 2.81)	91.10 (34.09 to 211.73)	190.10 (69.63 to 424.50)	2.44 (2.26 to 2.62)
Azerbaijan	0.73 (0.14 to 2.21)	1.94 (0.39 to 5.90)	3.27 (3.15 to 3.38)	120.17 (48.29 to 258.90)	195.11 (80.53 to 406.47)	1.63 (1.50 to 1.76)
Bahamas	0.44 (0.10 to 1.43)	0.73 (0.16 to 2.32)	1.73 (1.52 to 1.93)	61.59 (24.53 to 130.90)	66.37 (26.37 to 141.18)	0.31 (0.14 to 0.48)
Bahrain	0.22 (0.05 to 0.71)	0.40 (0.10 to 1.24)	1.95 (1.78 to 2.12)	78.87 (32.04 to 177.94)	90.85 (35.60 to 206.58)	0.49 (0.38 to 0.61)
Bangladesh	0.12 (0.02 to 0.36)	0.18 (0.04 to 0.54)	1.42 (1.19 to 1.66)	65.66 (25.24 to 156.41)	81.35 (29.66 to 198.46)	0.76 (0.54 to 0.99)
Barbados	0.63 (0.14 to 1.89)	0.94 (0.22 to 2.80)	1.37 (1.18 to 1.55)	90.86 (35.99 to 194.84)	98.00 (37.90 to 209.98)	0.29 (0.11 to 0.48)
Belarus	0.40 (0.07 to 1.30)	1.50 (0.31 to 4.52)	4.38 (4.17 to 4.59)	133.58 (46.53 to 322.63)	309.18 (107.58 to 707.60)	2.78 (2.70 to 2.86)
Belgium	0.12 (0.02 to 0.38)	0.24 (0.04 to 0.79)	2.38 (2.18 to 2.58)	53.46 (20.95 to 123.78)	105.44 (39.09 to 243.78)	2.26 (2.15 to 2.37)
Belize	0.56 (0.12 to 1.66)	1.04 (0.22 to 3.04)	2.07 (1.95 to 2.19)	78.23 (31.20 to 182.15)	86.78 (33.78 to 204.41)	0.39 (0.26 to 0.52)
Benin	0.20 (0.04 to 0.67)	0.25 (0.05 to 0.79)	0.72 (0.60 to 0.84)	38.76 (15.07 to 87.92)	37.14 (13.93 to 83.38)	-0.10 (-0.29 to 0.08)
Bermuda	0.36 (0.08 to 1.02)	0.61 (0.15 to 1.74)	1.77 (1.63 to 1.91)	66.77 (29.56 to 143.35)	71.18 (30.49 to 154.04)	0.28 (0.17 to 0.39)
Bhutan	0.22 (0.04 to 0.70)	0.46 (0.09 to 1.51)	2.53 (2.43 to 2.63)	53.46 (20.89 to 124.03)	87.64 (33.39 to 207.56)	1.67 (1.57 to 1.77)
Bolivia (Plurinational State of)	0.22 (0.04 to 0.72)	0.38 (0.08 to 1.26)	1.81 (1.70 to 1.92)	50.11 (19.15 to 115.76)	68.74 (25.47 to 159.47)	1.08 (0.99 to 1.17)
Bosnia and Herzegovina	0.52 (0.10 to 1.62)	1.57 (0.32 to 4.38)	3.69 (3.60 to 3.77)	129.53 (47.49 to 286.95)	258.28 (98.25 to 550.70)	2.26 (2.15 to 2.37)
Botswana	0.47 (0.13 to 1.22)	0.73 (0.20 to 1.96)	1.60 (1.34 to 1.86)	84.90 (34.85 to 193.82)	111.03 (46.18 to 248.92)	0.95 (0.80 to 1.11)
Brazil	0.37 (0.17 to 0.67)	0.82 (0.38 to 1.46)	2.62 (2.46 to 2.79)	86.39 (57.83 to 126.45)	167.21 (110.61 to 248.20)	2.17 (2.11 to 2.24)
Brunei Darussalam	0.50 (0.09 to 1.61)	0.55 (0.10 to 1.78)	0.36 (0.24 to 0.47)	160.73 (66.46 to 348.78)	142.41 (57.17 to 310.64)	-0.34 (-0.43 to -0.24)
Bulgaria	0.68 (0.13 to 2.16)	2.83 (0.62 to 7.95)	4.71 (4.65 to 4.76)	132.48 (48.15 to 302.24)	270.86 (107.66 to 566.15)	2.34 (2.31 to 2.38)
Burkina Faso	0.25 (0.05 to 0.82)	0.33 (0.07 to 1.03)	0.92 (0.86 to 0.97)	56.87 (22.83 to 125.31)	58.21 (23.57 to 126.44)	0.08 (-0.04 to 0.20)
Burundi	0.35 (0.06 to 1.18)	0.44 (0.08 to 1.42)	0.77 (0.69 to 0.86)	90.31 (35.50 to 203.76)	124.19 (47.66 to 286.39)	1.11 (0.95 to 1.26)
Cabo Verde	0.14 (0.03 to 0.45)	0.25 (0.05 to 0.74)	1.83 (1.70 to 1.96)	33.06 (13.21 to 76.89)	37.66 (15.03 to 88.33)	0.41 (0.29 to 0.54)
Cambodia	0.45 (0.09 to 1.49)	0.61 (0.13 to 1.87)	1.02 (0.92 to 1.13)	147.96 (53.68 to 347.91)	167.41 (60.37 to 400.25)	0.44 (0.29 to 0.60)
Cameroon	0.36 (0.06 to 1.16)	0.49 (0.10 to 1.58)	1.06 (0.93 to 1.18)	50.73 (19.97 to 112.40)	58.35 (22.66 to 129.65)	0.47 (0.39 to 0.54)
Canada	0.55 (0.11 to 1.66)	0.82 (0.16 to 2.46)	1.37 (1.09 to 1.66)	367.23 (138.94 to 823.73)	553.51 (218.56 to 1159.93)	1.36 (1.24 to 1.48)
Central African Republic	0.16 (0.03 to 0.49)	0.23 (0.05 to 0.72)	1.22 (1.11 to 1.34)	40.05 (16.80 to 85.66)	42.68 (17.41 to 90.05)	0.29 (0.13 to 0.45)
Chad	0.19 (0.04 to 0.61)	0.27 (0.05 to 0.87)	1.21 (1.12 to 1.30)	41.03 (15.46 to 93.53)	47.69 (17.34 to 108.47)	0.51 (0.41 to 0.62)
Chile	0.21 (0.03 to 0.72)	0.38 (0.06 to 1.24)	2.01 (1.88 to 2.14)	110.42 (39.49 to 265.65)	161.24 (58.07 to 369.87)	1.25 (1.15 to 1.36)
China	0.05 (0.02 to 0.09)	0.06 (0.03 to 0.11)	0.70 (0.55 to 0.85)	16.86 (12.28 to 22.99)	21.73 (15.58 to 29.46)	0.74 (0.44 to 1.03)
Colombia	0.10 (0.02 to 0.31)	0.17 (0.04 to 0.50)	1.71 (1.65 to 1.78)	17.90 (7.29 to 41.19)	28.33 (11.47 to 64.56)	1.49 (1.32 to 1.67)
Comoros	0.30 (0.05 to 1.03)	0.41 (0.08 to 1.39)	1.14 (0.92 to 1.35)	67.01 (25.72 to 151.38)	82.67 (31.94 to 186.10)	0.73 (0.61 to 0.86)
Congo	0.23 (0.04 to 0.73)	0.30 (0.06 to 0.96)	0.95 (0.73 to 1.18)	58.03 (23.67 to 131.62)	64.71 (25.31 to 153.40)	0.42 (0.31 to 0.54)
Cook Islands	0.09 (0.02 to 0.28)	0.18 (0.04 to 0.58)	2.31 (2.10 to 2.51)	21.76 (11.09 to 43.41)	25.31 (12.58 to 52.18)	0.50 (0.35 to 0.66)
Costa Rica	0.13 (0.03 to 0.40)	0.21 (0.05 to 0.64)	1.64 (1.54 to 1.75)	18.46 (7.47 to 42.41)	23.13 (9.00 to 53.35)	0.73 (0.67 to 0.79)
Coted'Ivoire	0.26 (0.05 to 0.83)	0.36 (0.08 to 1.11)	1.10 (1.02 to 1.18)	44.63 (18.34 to 97.50)	51.69 (20.63 to 113.39)	0.51 (0.43 to 0.58)

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Supplementary Table 3. Continued

Location	ASIR (per 100,000)		AAPC	ASPR (per 100,000)		AAPC
	1990 (95% CI)	2021 (95% CI)		1990 (95% CI)	2021 (95% CI)	
Croatia	0.39 (0.07 to 1.22)	1.45 (0.30 to 4.26)	4.33 (4.16 to 4.49)	113.91 (40.40 to 255.61)	290.86 (112.05 to 597.09)	3.09 (3.02 to 3.17)
Cuba	0.22 (0.04 to 0.72)	0.32 (0.07 to 1.03)	1.33 (1.07 to 1.59)	38.30 (15.85 to 84.64)	38.20 (15.81 to 83.33)	0.03 (−0.25 to 0.31)
Cyprus	0.15 (0.02 to 0.50)	0.46 (0.08 to 1.43)	3.77 (3.56 to 3.97)	63.14 (21.91 to 144.37)	174.09 (61.04 to 385.28)	3.38 (3.29 to 3.47)
Czechia	0.38 (0.07 to 1.19)	1.25 (0.25 to 3.73)	3.97 (3.91 to 4.04)	106.94 (40.35 to 230.50)	249.40 (94.85 to 510.03)	2.78 (2.69 to 2.87)
Democratic People's Republic of Korea	0.10 (0.02 to 0.34)	0.18 (0.03 to 0.60)	1.86 (1.75 to 1.97)	25.50 (12.84 to 52.06)	32.99 (15.93 to 70.57)	0.85 (0.77 to 0.93)
Democratic Republic of the Congo	0.13 (0.02 to 0.42)	0.21 (0.04 to 0.66)	1.55 (1.38 to 1.73)	46.64 (18.44 to 104.07)	53.99 (21.54 to 117.95)	0.48 (0.35 to 0.61)
Denmark	0.21 (0.04 to 0.66)	0.40 (0.07 to 1.27)	2.16 (2.02 to 2.30)	91.53 (36.01 to 203.34)	168.42 (68.23 to 366.75)	2.04 (1.91 to 2.17)
Djibouti	0.37 (0.07 to 1.08)	0.61 (0.12 to 1.72)	1.64 (1.51 to 1.76)	97.18 (39.05 to 207.36)	124.35 (49.31 to 271.79)	0.85 (0.72 to 0.98)
Dominica	0.58 (0.13 to 1.88)	0.85 (0.19 to 2.80)	1.30 (1.22 to 1.38)	60.37 (26.82 to 132.35)	70.29 (29.90 to 156.96)	0.54 (0.38 to 0.71)
Dominican Republic	0.27 (0.06 to 0.84)	0.54 (0.12 to 1.63)	2.37 (2.25 to 2.50)	51.57 (21.20 to 114.17)	63.16 (25.92 to 140.75)	0.67 (0.56 to 0.79)
Ecuador	0.19 (0.04 to 0.62)	0.38 (0.08 to 1.23)	2.40 (2.21 to 2.59)	35.25 (13.68 to 80.39)	47.09 (17.85 to 108.95)	1.00 (0.81 to 1.19)
Egypt	0.44 (0.10 to 1.29)	0.67 (0.14 to 1.94)	1.37 (1.18 to 1.56)	125.68 (47.02 to 281.27)	136.29 (46.56 to 315.08)	0.29 (0.15 to 0.43)
El Salvador	0.25 (0.06 to 0.76)	0.88 (0.20 to 2.67)	4.15 (3.92 to 4.39)	30.67 (11.97 to 73.83)	49.76 (18.99 to 117.40)	1.59 (1.35 to 1.84)
Equatorial Guinea	0.11 (0.02 to 0.35)	0.22 (0.04 to 0.67)	2.22 (2.04 to 2.40)	38.49 (15.54 to 89.60)	49.72 (20.48 to 113.68)	0.89 (0.72 to 1.06)
Eritrea	0.36 (0.07 to 1.06)	0.50 (0.10 to 1.54)	1.16 (1.03 to 1.29)	75.15 (29.01 to 176.04)	89.26 (34.15 to 206.95)	0.62 (0.49 to 0.75)
Estonia	0.60 (0.10 to 1.98)	1.81 (0.35 to 5.27)	3.66 (3.46 to 3.86)	191.64 (68.79 to 452.61)	342.64 (126.78 to 772.24)	1.95 (1.79 to 2.12)
Eswatini	0.57 (0.14 to 1.67)	1.04 (0.28 to 2.97)	1.98 (1.85 to 2.10)	86.26 (33.95 to 189.98)	116.90 (45.15 to 257.36)	1.00 (0.88 to 1.12)
Ethiopia	0.23 (0.08 to 0.51)	0.40 (0.15 to 0.86)	1.85 (1.71 to 1.99)	59.54 (35.38 to 95.85)	102.49 (58.90 to 169.90)	1.85 (1.59 to 2.11)
Fiji	0.32 (0.07 to 1.01)	0.44 (0.09 to 1.40)	1.27 (1.13 to 1.41)	55.40 (24.23 to 124.45)	63.09 (26.74 to 139.61)	0.48 (0.36 to 0.60)
Finland	0.17 (0.03 to 0.56)	0.44 (0.08 to 1.42)	3.26 (3.14 to 3.38)	121.09 (43.18 to 275.60)	223.94 (86.26 to 481.18)	2.02 (1.96 to 2.07)
France	0.17 (0.03 to 0.55)	0.34 (0.05 to 1.05)	2.26 (1.86 to 2.67)	67.31 (24.29 to 151.22)	123.42 (44.31 to 285.61)	2.01 (1.90 to 2.13)
Gabon	0.19 (0.04 to 0.60)	0.33 (0.06 to 1.01)	1.73 (1.61 to 1.84)	48.20 (20.42 to 101.25)	58.63 (23.20 to 125.59)	0.73 (0.52 to 0.95)
Gambia	0.22 (0.04 to 0.73)	0.35 (0.07 to 1.15)	1.53 (1.44 to 1.62)	45.84 (17.48 to 103.31)	54.79 (20.78 to 127.12)	0.58 (0.51 to 0.65)
Georgia	0.53 (0.11 to 1.57)	1.33 (0.28 to 3.70)	3.02 (2.93 to 3.12)	108.73 (42.56 to 228.05)	167.30 (65.16 to 345.78)	1.41 (1.33 to 1.49)
Germany	0.19 (0.03 to 0.64)	0.34 (0.06 to 1.12)	1.86 (1.72 to 1.99)	69.03 (25.66 to 158.35)	117.59 (43.99 to 254.64)	1.74 (1.59 to 1.90)
Ghana	0.19 (0.04 to 0.63)	0.33 (0.07 to 1.04)	1.76 (1.66 to 1.86)	36.27 (14.48 to 81.31)	45.99 (18.09 to 104.70)	0.76 (0.67 to 0.85)
Greece	0.10 (0.02 to 0.36)	0.23 (0.03 to 0.76)	2.55 (2.49 to 2.62)	38.12 (14.66 to 85.38)	77.59 (28.93 to 169.82)	2.34 (2.27 to 2.42)
Greenland	0.41 (0.08 to 1.31)	0.39 (0.07 to 1.29)	−0.20 (−0.31 to −0.09)	320.55 (123.00 to 698.81)	275.68 (103.92 to 620.91)	−0.49 (−0.55 to −0.43)
Grenada	0.51 (0.12 to 1.57)	0.98 (0.21 to 2.98)	2.23 (1.96 to 2.51)	61.45 (26.57 to 136.09)	74.06 (31.81 to 162.92)	0.69 (0.51 to 0.86)
Guam	0.10 (0.02 to 0.30)	0.21 (0.05 to 0.65)	2.51 (2.34 to 2.69)	21.56 (10.92 to 44.50)	29.60 (14.26 to 63.48)	1.02 (0.94 to 1.10)
Guatemala	0.29 (0.06 to 0.91)	0.74 (0.15 to 2.27)	3.08 (2.95 to 3.22)	36.95 (14.67 to 84.94)	72.35 (27.56 to 167.68)	2.14 (1.88 to 2.41)
Guinea	0.26 (0.05 to 0.88)	0.41 (0.08 to 1.32)	1.49 (1.35 to 1.63)	52.19 (20.59 to 117.94)	63.64 (24.31 to 146.46)	0.69 (0.54 to 0.85)
Guinea-Bissau	0.30 (0.06 to 1.02)	0.44 (0.08 to 1.49)	1.28 (1.20 to 1.35)	45.71 (17.77 to 101.56)	54.54 (20.27 to 122.18)	0.60 (0.44 to 0.77)
Guyana	0.40 (0.08 to 1.24)	0.65 (0.13 to 2.02)	1.63 (1.50 to 1.76)	60.12 (23.56 to 143.91)	63.55 (24.85 to 151.45)	0.22 (0.12 to 0.32)
Haiti	0.45 (0.10 to 1.36)	0.63 (0.14 to 1.93)	1.23 (0.98 to 1.47)	71.35 (26.63 to 162.52)	86.86 (31.73 to 198.66)	0.73 (0.55 to 0.91)
Honduras	0.12 (0.03 to 0.38)	0.23 (0.05 to 0.74)	2.11 (2.00 to 2.21)	18.09 (6.83 to 42.22)	28.37 (10.09 to 67.00)	1.47 (1.33 to 1.61)
Hungary	0.31 (0.06 to 1.03)	1.19 (0.25 to 3.41)	4.44 (4.31 to 4.57)	95.44 (37.32 to 218.17)	240.66 (97.58 to 500.73)	3.04 (2.96 to 3.11)
Iceland	0.11 (0.02 to 0.39)	0.22 (0.03 to 0.74)	2.08 (1.94 to 2.23)	46.05 (16.67 to 105.14)	84.43 (30.32 to 194.35)	2.00 (1.88 to 2.12)
India	0.22 (0.10 to 0.38)	0.32 (0.16 to 0.55)	1.23 (1.13 to 1.34)	67.10 (45.31 to 98.08)	95.66 (63.66 to 140.04)	1.18 (0.99 to 1.36)
Indonesia	0.52 (0.23 to 0.95)	1.12 (0.56 to 1.98)	2.21 (1.95 to 2.48)	169.57 (106.45 to 257.08)	286.15 (183.30 to 423.73)	1.42 (1.05 to 1.80)
Iran (Islamic Republic of)	0.44 (0.21 to 0.78)	0.71 (0.35 to 1.21)	1.62 (1.46 to 1.78)	100.88 (69.84 to 141.25)	124.89 (84.62 to 179.68)	0.77 (0.50 to 1.03)
Iraq	0.19 (0.04 to 0.61)	0.31 (0.07 to 1.02)	1.68 (1.53 to 1.84)	42.82 (17.37 to 96.01)	49.98 (19.34 to 118.22)	0.57 (0.48 to 0.66)
Ireland	0.23 (0.04 to 0.76)	0.77 (0.14 to 2.33)	4.03 (3.90 to 4.15)	73.81 (30.38 to 163.44)	244.32 (102.49 to 510.86)	3.99 (3.86 to 4.13)
Israel	0.13 (0.02 to 0.43)	0.41 (0.07 to 1.33)	3.86 (3.71 to 4.01)	52.05 (21.70 to 111.16)	142.13 (53.64 to 308.47)	3.36 (3.24 to 3.48)

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Supplementary Table 3. Continued

Location	ASIR (per 100,000)		AAPC	ASPR (per 100,000)		AAPC
	1990 (95% CI)	2021 (95% CI)		1990 (95% CI)	2021 (95% CI)	
Italy	0.20 (0.06 to 0.44)	0.46 (0.15 to 0.99)	2.65 (2.53 to 2.77)	100.88 (66.72 to 149.01)	249.97 (164.38 to 366.36)	2.83 (2.46 to 3.21)
Jamaica	0.58 (0.13 to 1.80)	0.85 (0.20 to 2.53)	1.29 (1.22 to 1.36)	83.81 (37.04 to 176.48)	82.51 (34.62 to 176.06)	0 (−0.09 to 0.10)
Japan	0.18 (0.07 to 0.33)	0.26 (0.10 to 0.48)	1.14 (0.72 to 1.56)	74.10 (50.31 to 105.65)	100.02 (67.36 to 145.19)	0.93 (0.76 to 1.09)
Jordan	0.35 (0.07 to 1.17)	0.43 (0.09 to 1.35)	0.61 (0.42 to 0.80)	97.46 (34.79 to 244.57)	81.68 (29.10 to 203.48)	−0.53 (−0.61 to −0.46)
Kazakhstan	0.47 (0.09 to 1.55)	0.90 (0.17 to 2.93)	2.29 (2.07 to 2.51)	71.49 (28.82 to 158.49)	100.44 (41.09 to 222.22)	1.20 (0.92 to 1.48)
Kenya	0.31 (0.14 to 0.55)	0.76 (0.38 to 1.27)	2.89 (2.79 to 2.98)	95.28 (67.37 to 129.37)	166.66 (116.55 to 229.01)	1.83 (1.75 to 1.90)
Kiribati	0.27 (0.05 to 0.87)	0.45 (0.08 to 1.49)	1.84 (1.70 to 1.97)	30.06 (13.74 to 68.49)	38.26 (16.50 to 88.91)	0.85 (0.75 to 0.94)
Kuwait	0.26 (0.06 to 0.75)	0.39 (0.08 to 1.24)	1.29 (0.91 to 1.68)	62.39 (24.25 to 141.74)	80.05 (29.15 to 195.60)	0.85 (0.34 to 1.36)
Kyrgyzstan	0.64 (0.12 to 2.01)	1.38 (0.26 to 4.10)	2.53 (2.41 to 2.66)	69.79 (27.45 to 149.55)	121.80 (46.68 to 264.85)	1.83 (1.71 to 1.95)
Lao People's Democratic Republic	0.53 (0.10 to 1.61)	0.68 (0.14 to 2.13)	0.98 (0.79 to 1.18)	144.27 (51.00 to 326.46)	159.84 (55.20 to 356.93)	0.41 (0.27 to 0.55)
Latvia	0.42 (0.08 to 1.32)	1.40 (0.28 to 4.03)	3.97 (3.86 to 4.08)	132.57 (47.53 to 320.74)	263.73 (97.02 to 615.29)	2.27 (2.20 to 2.34)
Lebanon	0.22 (0.05 to 0.65)	0.33 (0.07 to 0.93)	1.43 (1.30 to 1.55)	68.05 (24.24 to 159.56)	74.39 (25.11 to 176.18)	0.33 (0.24 to 0.42)
Lesotho	0.53 (0.13 to 1.54)	1.05 (0.28 to 2.94)	2.21 (2.10 to 2.32)	99.90 (40.27 to 228.40)	123.21 (49.68 to 280.27)	0.70 (0.65 to 0.75)
Liberia	0.18 (0.04 to 0.56)	0.27 (0.06 to 0.83)	1.43 (1.35 to 1.50)	39.32 (15.31 to 88.92)	44.35 (16.70 to 103.65)	0.38 (0.32 to 0.44)
Libya	0.28 (0.06 to 0.83)	0.48 (0.11 to 1.43)	1.79 (1.66 to 1.92)	71.91 (26.36 to 172.45)	83.25 (29.05 to 207.48)	0.48 (0.43 to 0.53)
Lithuania	0.52 (0.09 to 1.63)	1.37 (0.26 to 4.00)	3.25 (3.11 to 3.39)	161.57 (58.63 to 380.36)	299.39 (113.39 to 677.92)	2.07 (1.97 to 2.17)
Luxembourg	0.12 (0.02 to 0.41)	0.29 (0.04 to 0.91)	2.78 (2.53 to 3.03)	61.34 (23.71 to 135.50)	125.38 (45.95 to 273.95)	2.34 (2.25 to 2.44)
Madagascar	0.29 (0.05 to 0.88)	0.47 (0.09 to 1.42)	1.57 (1.48 to 1.67)	78.88 (31.21 to 171.76)	106.91 (41.53 to 242.30)	1.04 (0.93 to 1.16)
Malawi	0.40 (0.08 to 1.24)	0.81 (0.16 to 2.32)	2.30 (2.03 to 2.57)	125.00 (50.63 to 280.49)	186.94 (73.38 to 419.16)	1.33 (1.21 to 1.45)
Malaysia	0.25 (0.05 to 0.83)	0.42 (0.08 to 1.32)	1.69 (1.57 to 1.81)	103.76 (37.42 to 246.53)	134.30 (47.05 to 322.28)	0.85 (0.78 to 0.92)
Maldives	0.39 (0.08 to 1.20)	0.48 (0.11 to 1.34)	0.71 (0.51 to 0.91)	135.69 (49.50 to 313.37)	147.98 (57.36 to 331.31)	0.33 (0.06 to 0.60)
Mali	0.11 (0.02 to 0.35)	0.14 (0.03 to 0.46)	0.85 (0.72 to 0.97)	23.09 (8.55 to 53.07)	26.01 (9.24 to 60.23)	0.45 (0.34 to 0.56)
Malta	0.21 (0.04 to 0.63)	0.41 (0.07 to 1.26)	2.32 (2.21 to 2.43)	102.15 (39.89 to 232.15)	159.89 (60.53 to 355.07)	1.46 (1.40 to 1.52)
Marshall Islands	0.13 (0.03 to 0.41)	0.19 (0.04 to 0.59)	1.26 (1.17 to 1.35)	21.88 (10.59 to 45.74)	22.98 (11.21 to 48.86)	0.22 (0.10 to 0.34)
Mauritania	0.30 (0.06 to 0.94)	0.53 (0.11 to 1.61)	1.90 (1.74 to 2.06)	54.16 (21.40 to 117.71)	81.55 (31.27 to 177.57)	1.39 (1.11 to 1.68)
Mauritius	0.84 (0.17 to 2.63)	1.38 (0.28 to 4.35)	1.62 (1.54 to 1.70)	182.30 (68.11 to 413.20)	192.93 (72.34 to 436.20)	0.16 (0 to 0.32)
Mexico	0.25 (0.11 to 0.47)	0.82 (0.45 to 1.33)	3.98 (3.78 to 4.19)	35.25 (23.58 to 50.25)	54.85 (38.10 to 77.01)	1.49 (1.31 to 1.66)
Micronesia (Federated States of)	0.26 (0.06 to 0.84)	0.46 (0.10 to 1.57)	1.91 (1.59 to 2.24)	32.46 (15.14 to 66.67)	38.57 (17.60 to 78.71)	0.58 (0.39 to 0.77)
Monaco	0.12 (0.02 to 0.38)	0.27 (0.04 to 0.88)	2.72 (2.62 to 2.82)	58.74 (22.25 to 136.85)	117.18 (42.73 to 269.36)	2.26 (2.18 to 2.34)
Mongolia	0.62 (0.11 to 2.14)	1.21 (0.23 to 4.04)	2.19 (2.11 to 2.26)	77.38 (33.37 to 166.63)	109.33 (44.49 to 239.51)	1.15 (1.02 to 1.29)
Montenegro	0.83 (0.17 to 2.46)	2.50 (0.54 to 7.00)	3.66 (3.49 to 3.83)	130.97 (49.12 to 291.58)	290.49 (114.32 to 614.76)	2.62 (2.50 to 2.74)
Morocco	0.18 (0.04 to 0.59)	0.32 (0.07 to 1.06)	1.90 (1.80 to 1.99)	65.06 (23.89 to 154.08)	63.24 (22.78 to 151.44)	−0.07 (−0.14 to 0)
Mozambique	0.36 (0.06 to 1.12)	0.61 (0.11 to 1.95)	1.78 (1.64 to 1.93)	118.08 (46.64 to 260.49)	133.94 (52.58 to 292.41)	0.44 (0.32 to 0.56)
Myanmar	0.61 (0.12 to 1.97)	0.91 (0.18 to 2.77)	1.43 (1.20 to 1.66)	143.76 (53.33 to 337.02)	176.60 (62.05 to 413.19)	0.77 (0.59 to 0.94)
Namibia	0.43 (0.12 to 1.21)	0.62 (0.17 to 1.71)	1.23 (1.11 to 1.34)	77.64 (32.48 to 165.74)	107.58 (45.24 to 229.89)	1.10 (1.00 to 1.21)
Nauru	0.20 (0.04 to 0.71)	0.31 (0.06 to 1.07)	1.46 (1.27 to 1.65)	28.06 (12.84 to 59.21)	32.13 (14.45 to 67.79)	0.49 (0.40 to 0.57)
Nepal	0.11 (0.02 to 0.36)	0.25 (0.05 to 0.79)	2.65 (2.47 to 2.83)	29.73 (11.80 to 63.21)	37.72 (14.32 to 82.12)	0.86 (0.67 to 1.05)
Netherlands	0.14 (0.02 to 0.45)	0.28 (0.05 to 0.90)	2.28 (2.11 to 2.45)	111.43 (40.92 to 256.43)	200.20 (72.51 to 446.37)	1.92 (1.86 to 1.99)
New Zealand	0.30 (0.07 to 0.85)	0.47 (0.13 to 1.24)	1.42 (1.17 to 1.67)	110.02 (47.08 to 223.62)	128.16 (56.97 to 252.66)	0.51 (0.40 to 0.63)
Nicaragua	0.27 (0.06 to 0.83)	0.72 (0.17 to 2.12)	3.22 (3.11 to 3.33)	24.49 (9.76 to 56.93)	36.47 (14.81 to 84.27)	1.32 (1.25 to 1.40)
Niger	0.18 (0.03 to 0.55)	0.25 (0.05 to 0.74)	1.15 (0.95 to 1.35)	33.23 (12.08 to 76.11)	40.53 (14.45 to 96.42)	0.64 (0.57 to 0.71)
Nigeria	0.23 (0.11 to 0.41)	0.43 (0.22 to 0.73)	1.92 (1.81 to 2.04)	55.78 (39.73 to 77.80)	92.69 (64.45 to 130.44)	1.62 (1.50 to 1.75)
Niue	0.13 (0.03 to 0.40)	0.18 (0.04 to 0.55)	1.15 (0.88 to 1.43)	24.61 (12.15 to 49.61)	25.48 (12.58 to 51.01)	0.18 (0.02 to 0.34)
North Macedonia	0.55 (0.12 to 1.59)	1.93 (0.43 to 5.22)	4.14 (4.03 to 4.25)	147.15 (57.51 to 328.03)	295.32 (122.41 to 623.43)	2.29 (2.22 to 2.36)

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Supplementary Table 3. Continued

Location	ASIR (per 100,000)		AAPC	ASPR (per 100,000)		AAPC
	1990 (95% CI)	2021 (95% CI)		1990 (95% CI)	2021 (95% CI)	
Northern Mariana Islands	0.19 (0.04 to 0.57)	0.31 (0.07 to 0.94)	1.71 (1.46 to 1.96)	25.76 (12.79 to 49.45)	33.09 (15.56 to 66.56)	0.82 (0.74 to 0.90)
Norway	0.13 (0.04 to 0.30)	0.30 (0.09 to 0.68)	2.68 (2.56 to 2.81)	81.12 (52.68 to 119.97)	200.22 (127.59 to 295.96)	2.98 (2.85 to 3.10)
Oman	0.41 (0.09 to 1.15)	0.83 (0.20 to 2.33)	2.36 (2.10 to 2.62)	156.80 (65.85 to 341.95)	210.87 (86.63 to 461.30)	1.03 (0.80 to 1.26)
Pakistan	0.31 (0.11 to 0.74)	0.58 (0.22 to 1.32)	2.13 (1.98 to 2.27)	72.89 (37.19 to 129.40)	103.06 (53.56 to 179.90)	1.16 (1.01 to 1.31)
Palau	0.21 (0.04 to 0.65)	0.39 (0.08 to 1.20)	2.14 (1.98 to 2.29)	26.18 (13.07 to 54.38)	29.77 (14.65 to 63.09)	0.44 (0.37 to 0.52)
Palestine	0.42 (0.10 to 1.29)	0.72 (0.17 to 2.23)	1.74 (1.64 to 1.84)	101.36 (41.26 to 228.96)	139.33 (54.73 to 320.76)	1.03 (0.86 to 1.20)
Panama	0.18 (0.04 to 0.57)	0.40 (0.09 to 1.22)	2.59 (2.50 to 2.67)	29.35 (11.63 to 68.90)	47.62 (18.44 to 113.56)	1.55 (1.42 to 1.69)
Papua New Guinea	0.15 (0.03 to 0.48)	0.23 (0.04 to 0.73)	1.38 (1.29 to 1.47)	29.39 (13.57 to 60.41)	36.19 (15.98 to 76.59)	0.67 (0.59 to 0.75)
Paraguay	0.22 (0.05 to 0.66)	0.54 (0.11 to 1.66)	2.98 (2.87 to 3.10)	54.09 (20.79 to 129.96)	97.13 (35.75 to 236.44)	1.93 (1.87 to 1.99)
Peru	0.14 (0.03 to 0.45)	0.36 (0.08 to 1.14)	3.28 (3.12 to 3.43)	35.39 (14.64 to 81.25)	62.53 (24.41 to 146.80)	1.89 (1.77 to 2.01)
Philippines	0.36 (0.18 to 0.60)	1.34 (0.76 to 2.09)	4.40 (4.23 to 4.58)	126.10 (87.73 to 179.18)	242.88 (168.67 to 343.16)	2.22 (2.05 to 2.39)
Poland	0.49 (0.17 to 0.95)	0.84 (0.30 to 1.62)	1.76 (1.51 to 2.01)	144.70 (95.43 to 209.15)	258.36 (169.98 to 367.29)	1.95 (1.79 to 2.10)
Portugal	0.09 (0.02 to 0.29)	0.18 (0.03 to 0.58)	2.29 (2.05 to 2.53)	43.24 (17.93 to 98.47)	79.01 (30.24 to 180.03)	1.96 (1.70 to 2.22)
Puerto Rico	0.45 (0.11 to 1.32)	0.71 (0.18 to 1.98)	1.53 (1.43 to 1.64)	82.89 (34.76 to 179.07)	91.93 (37.88 to 199.21)	0.37 (0.27 to 0.46)
Qatar	0.26 (0.06 to 0.74)	0.44 (0.10 to 1.29)	1.78 (1.61 to 1.96)	79.38 (33.18 to 172.47)	97.40 (39.07 to 217.70)	0.68 (0.53 to 0.83)
Republic of Korea	0.24 (0.04 to 0.77)	0.13 (0.02 to 0.41)	−1.91 (−2.36 to −1.45)	76.99 (27.69 to 176.79)	56.11 (22.58 to 126.02)	−0.93 (−1.37 to −0.49)
Republic of Moldova	0.24 (0.05 to 0.75)	1.06 (0.20 to 3.19)	4.92 (4.75 to 5.08)	93.02 (36.55 to 211.89)	210.50 (79.72 to 482.34)	2.72 (2.58 to 2.87)
Romania	0.42 (0.07 to 1.34)	1.38 (0.27 to 4.08)	3.93 (3.82 to 4.03)	78.65 (27.62 to 186.14)	197.02 (76.15 to 430.29)	3.03 (2.96 to 3.10)
Russian Federation	0.60 (0.30 to 0.99)	2.04 (1.05 to 3.31)	4.03 (3.86 to 4.21)	124.68 (89.99 to 168.45)	340.01 (242.24 to 468.08)	3.30 (3.11 to 3.49)
Rwanda	0.42 (0.08 to 1.28)	0.60 (0.11 to 1.79)	1.14 (0.96 to 1.33)	106.86 (42.83 to 244.51)	169.85 (65.43 to 391.40)	1.60 (1.39 to 1.82)
Saint Kitts and Nevis	0.58 (0.14 to 1.64)	0.85 (0.21 to 2.48)	1.36 (1.10 to 1.62)	74.72 (30.72 to 169.31)	83.14 (33.81 to 189.04)	0.47 (0.15 to 0.78)
Saint Lucia	0.40 (0.09 to 1.20)	0.72 (0.16 to 2.15)	1.97 (1.90 to 2.04)	52.91 (22.97 to 117.01)	60.80 (26.50 to 134.43)	0.53 (0.39 to 0.66)
Saint Vincent and the Grenadines	0.50 (0.11 to 1.50)	0.83 (0.19 to 2.53)	1.70 (1.61 to 1.80)	66.97 (27.27 to 142.27)	73.89 (29.46 to 160.12)	0.37 (0.29 to 0.44)
Samoa	0.14 (0.03 to 0.45)	0.20 (0.04 to 0.65)	1.22 (0.99 to 1.44)	23.97 (11.72 to 49.64)	25.75 (12.13 to 54.54)	0.27 (0.17 to 0.37)
San Marino	0.11 (0.02 to 0.37)	0.25 (0.04 to 0.84)	2.70 (2.60 to 2.79)	56.48 (22.37 to 134.66)	116.75 (43.71 to 272.82)	2.37 (2.29 to 2.45)
Sao Tome and Principe	0.27 (0.05 to 0.89)	0.43 (0.08 to 1.40)	1.55 (1.43 to 1.67)	43.07 (17.84 to 99.31)	46.97 (19.25 to 107.30)	0.29 (0.14 to 0.43)
Saudi Arabia	0.40 (0.08 to 1.26)	1.06 (0.21 to 3.58)	3.21 (3.12 to 3.30)	97.09 (36.66 to 232.59)	130.79 (49.53 to 329.71)	0.98 (0.87 to 1.08)
Senegal	0.17 (0.03 to 0.55)	0.28 (0.06 to 0.84)	1.46 (1.36 to 1.56)	34.16 (13.23 to 77.28)	45.40 (16.67 to 102.47)	0.90 (0.79 to 1.00)
Serbia	0.45 (0.08 to 1.32)	1.44 (0.29 to 3.99)	3.90 (3.81 to 3.99)	126.01 (47.26 to 282.88)	280.08 (107.64 to 582.70)	2.62 (2.55 to 2.70)
Seychelles	0.36 (0.09 to 1.08)	0.41 (0.10 to 1.24)	0.44 (0.37 to 0.52)	111.44 (42.69 to 249.73)	94.13 (35.40 to 209.73)	−0.54 (−0.58 to −0.50)
Sierra Leone	0.19 (0.03 to 0.60)	0.28 (0.06 to 0.85)	1.34 (1.23 to 1.45)	44.21 (16.77 to 101.43)	50.49 (18.90 to 115.52)	0.44 (0.37 to 0.51)
Singapore	0.15 (0.03 to 0.51)	0.16 (0.03 to 0.54)	0.28 (0.02 to 0.54)	74.04 (26.02 to 182.66)	91.36 (34.52 to 212.89)	0.70 (0.62 to 0.79)
Slovakia	0.45 (0.08 to 1.42)	1.27 (0.26 to 3.82)	3.46 (3.38 to 3.53)	111.83 (38.80 to 245.73)	243.27 (90.99 to 518.86)	2.55 (2.47 to 2.63)
Slovenia	0.35 (0.06 to 1.15)	1.17 (0.22 to 3.52)	4.01 (3.84 to 4.18)	111.08 (39.31 to 265.17)	241.06 (91.56 to 531.12)	2.56 (2.51 to 2.62)
Solomon Islands	0.71 (0.13 to 2.14)	0.79 (0.15 to 2.36)	0.35 (0.16 to 0.54)	49.89 (23.22 to 114.06)	64.62 (28.61 to 146.69)	0.85 (0.79 to 0.91)
Somalia	0.41 (0.07 to 1.29)	0.63 (0.12 to 1.97)	1.40 (1.31 to 1.50)	89.16 (36.65 to 194.29)	115.57 (45.66 to 254.02)	0.89 (0.77 to 1.01)
South Africa	0.40 (0.19 to 0.74)	0.62 (0.29 to 1.14)	1.50 (1.18 to 1.83)	64.79 (41.60 to 96.71)	96.61 (60.03 to 147.97)	1.32 (1.14 to 1.51)
South Sudan	0.31 (0.06 to 0.98)	0.51 (0.10 to 1.61)	1.61 (1.53 to 1.70)	89.78 (36.21 to 194.82)	117.37 (44.84 to 258.44)	0.90 (0.81 to 1.00)
Spain	0.14 (0.02 to 0.43)	0.19 (0.03 to 0.59)	1.11 (0.97 to 1.26)	54.10 (21.01 to 124.24)	105.55 (41.06 to 237.92)	2.24 (2.07 to 2.40)
Sri Lanka	0.30 (0.06 to 0.87)	0.46 (0.10 to 1.38)	1.45 (1.29 to 1.61)	102.90 (38.35 to 239.46)	128.30 (46.65 to 298.00)	0.74 (0.65 to 0.82)
Sudan	0.23 (0.05 to 0.72)	0.38 (0.08 to 1.12)	1.66 (1.46 to 1.85)	71.53 (26.00 to 173.47)	87.93 (31.51 to 214.09)	0.71 (0.52 to 0.89)
Suriname	0.27 (0.06 to 0.88)	0.40 (0.09 to 1.21)	1.36 (1.13 to 1.59)	38.93 (16.74 to 82.31)	41.44 (17.52 to 90.33)	0.23 (0.15 to 0.31)
Sweden	0.15 (0.03 to 0.43)	0.30 (0.08 to 0.82)	2.35 (2.11 to 2.58)	101.10 (48.48 to 204.44)	202.54 (96.59 to 402.71)	2.28 (2.14 to 2.42)
Switzerland	0.10 (0.02 to 0.31)	0.20 (0.03 to 0.63)	2.32 (2.22 to 2.41)	48.99 (18.50 to 113.14)	93.27 (34.68 to 215.50)	2.10 (2.01 to 2.20)

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Supplementary Table 3. Continued

Location	ASIR (per 100,000)		AAPC	ASPR (per 100,000)		AAPC
	1990 (95% CI)	2021 (95% CI)	1990–2019 (95% CI)	1990 (95% CI)	2021 (95% CI)	1990–2019 (95% CI)
Syrian Arab Republic	0.43 (0.09 to 1.36)	0.65 (0.14 to 2.08)	1.42 (1.19 to 1.66)	95.19 (36.87 to 213.70)	131.80 (46.36 to 301.10)	1.13 (0.95 to 1.30)
Taiwan (Province of China)	0.17 (0.04 to 0.49)	0.36 (0.09 to 1.00)	2.51 (2.31 to 2.7)	53.55 (27.17 to 110.33)	82.76 (38.66 to 171.48)	1.45 (1.36 to 1.54)
Tajikistan	0.49 (0.08 to 1.68)	1.14 (0.20 to 3.81)	2.88 (2.71 to 3.04)	99.71 (40.43 to 210.59)	168.17 (65.82 to 361.48)	1.74 (1.64 to 1.83)
Thailand	0.53 (0.11 to 1.70)	0.58 (0.13 to 1.85)	0.41 (0.20 to 0.63)	128.34 (47.19 to 293.51)	138.66 (50.49 to 318.19)	0.34 (0.18 to 0.50)
Timor-Leste	0.35 (0.07 to 1.06)	0.42 (0.08 to 1.27)	0.64 (0.49 to 0.78)	121.99 (44.64 to 291.16)	132.67 (45.20 to 325.58)	0.24 (0.09 to 0.40)
Togo	0.32 (0.06 to 0.99)	0.53 (0.12 to 1.66)	1.71 (1.61 to 1.82)	60.27 (24.70 to 141.69)	77.06 (30.71 to 181.06)	0.82 (0.73 to 0.91)
Tokelau	0.09 (0.02 to 0.31)	0.18 (0.03 to 0.60)	2.27 (2.01 to 2.54)	20.59 (10.02 to 43.35)	26.32 (12.34 to 57.29)	0.84 (0.75 to 0.93)
Tonga	0.13 (0.03 to 0.41)	0.23 (0.05 to 0.73)	1.87 (1.79 to 1.94)	27.22 (13.06 to 55.93)	33.99 (15.23 to 72.07)	0.76 (0.67 to 0.84)
Trinidad and Tobago	0.42 (0.10 to 1.22)	0.59 (0.14 to 1.69)	1.17 (1.07 to 1.28)	65.03 (28.98 to 142.60)	64.43 (27.82 to 145.92)	0 (−0.11 to 0.12)
Tunisia	0.21 (0.05 to 0.62)	0.33 (0.08 to 0.98)	1.61 (1.49 to 1.74)	75.72 (27.85 to 175.01)	81.75 (29.11 to 195.31)	0.27 (0.17 to 0.38)
Turkey	0.31 (0.07 to 0.94)	0.57 (0.13 to 1.67)	1.99 (1.74 to 2.23)	123.71 (48.19 to 278.13)	149.11 (55.09 to 340.18)	0.72 (0.59 to 0.85)
Turkmenistan	0.90 (0.17 to 2.96)	2.17 (0.41 to 6.78)	2.93 (2.83 to 3.02)	131.06 (51.32 to 288.88)	182.69 (70.68 to 387.70)	1.09 (0.96 to 1.22)
Tuvalu	0.22 (0.04 to 0.71)	0.36 (0.07 to 1.18)	1.71 (1.55 to 1.88)	37.46 (16.24 to 81.71)	42.42 (18.44 to 91.78)	0.45 (0.35 to 0.55)
Uganda	0.26 (0.05 to 0.81)	0.43 (0.08 to 1.33)	1.63 (1.46 to 1.81)	101.48 (37.20 to 226.52)	132.28 (47.59 to 300.94)	0.93 (0.79 to 1.06)
Ukraine	0.30 (0.06 to 0.96)	1.30 (0.29 to 3.86)	4.93 (4.82 to 5.04)	119.46 (44.67 to 269.26)	262.98 (98.74 to 564.95)	2.62 (2.54 to 2.71)
United Arab Emirates	0.54 (0.14 to 1.54)	1.15 (0.29 to 3.14)	2.44 (2.36 to 2.52)	125.60 (53.70 to 261.26)	164.24 (69.63 to 348.80)	0.90 (0.79 to 1.01)
United Kingdom	0.13 (0.04 to 0.26)	0.13 (0.04 to 0.27)	0.09 (−0.24 to 0.43)	54.27 (39.92 to 73.32)	48.80 (34.07 to 69.13)	−0.28 (−0.54 to −0.01)
United Republic of Tanzania	0.36 (0.07 to 1.12)	0.54 (0.11 to 1.61)	1.25 (1.15 to 1.35)	125.30 (47.33 to 278.35)	184.91 (70.05 to 410.63)	1.28 (1.14 to 1.41)
United States of America	0.45 (0.18 to 0.87)	0.37 (0.15 to 0.71)	2.12 (2.03 to 2.20)	164.85 (120.30 to 220.66)	157.28 (114.12 to 211.25)	0.64 (0.57 to 0.71)
United States Virgin Islands	0.35 (0.08 to 1.06)	0.67 (0.15 to 2.01)	−0.56 (−0.66 to −0.46)	50.27 (21.31 to 113.81)	61.04 (25.52 to 139.34)	−0.14 (−0.18 to −0.11)
Uruguay	0.26 (0.04 to 0.86)	0.40 (0.07 to 1.33)	1.45 (1.37 to 1.52)	155.59 (57.71 to 360.27)	191.69 (70.61 to 438.28)	0.69 (0.6 to 0.77)
Uzbekistan	1.15 (0.21 to 3.57)	2.80 (0.53 to 8.42)	2.98 (2.84 to 3.11)	130.85 (57.29 to 276.58)	233.46 (100.05 to 494.65)	1.93 (1.79 to 2.07)
Vanuatu	0.19 (0.04 to 0.62)	0.28 (0.05 to 0.88)	1.24 (1.11 to 1.36)	37.54 (16.57 to 81.14)	40.69 (17.54 to 88.48)	0.31 (0.18 to 0.43)
Venezuela (Bolivarian Republic of)	0.17 (0.04 to 0.50)	0.29 (0.07 to 0.87)	1.83 (1.71 to 1.95)	25.46 (10.55 to 57.57)	32.35 (12.93 to 75.30)	0.78 (0.69 to 0.88)
Viet Nam	0.32 (0.06 to 1.09)	0.67 (0.13 to 2.18)	2.49 (2.31 to 2.68)	139.20 (49.59 to 331.30)	216.44 (76.17 to 506.80)	1.49 (1.37 to 1.61)
Yemen	0.23 (0.05 to 0.73)	0.40 (0.09 to 1.21)	1.68 (0.72 to 2.66)	70.23 (25.77 to 172.09)	100.73 (35.72 to 248.68)	0.96 (0.40 to 1.53)
Zambia	0.29 (0.05 to 0.97)	0.41 (0.08 to 1.39)	1.18 (0.90 to 1.46)	60.35 (24.14 to 130.81)	70.42 (27.39 to 156.97)	0.63 (0.38 to 0.88)
Zimbabwe	0.35 (0.09 to 0.99)	0.55 (0.14 to 1.56)	1.46 (1.41 to 1.52)	57.03 (24.38 to 121.56)	83.26 (34.06 to 180.40)	1.24 (1.14 to 1.33)

T1DM-CKD, type 1 diabetes mellitus related chronic kidney disease; AAPC, average annual percentage change; ASIR, age-standardized incidence rate; ASPR, age-standardized prevalence rate; CI, confidence interval.