

Supplementary Table 5. Time trends in type 2 diabetes mellitus related chronic kidney disease incidence for both sexes in 204 countries, 1992–2021

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
High SDI	Andorra	86 (78 to 94)	39.15	0.03 (0.03 to 0.04)	129.31	7.01	39.7 (34.5 to 45.3)	64.79	3.85	22.2 (19.3 to 25.4)	-2.1	-2.09	-0.28 (-4.81 to 4.46)
High SDI	Australia	25,792 (24,001 to 27,548)	49.06	14.08 (12.35 to 15.83)	145.37	7.09	54.6 (47.9 to 61.4)	64.62	3.57	30.1 (26.4 to 34)	13.26	-0.29	0.36 (-0.85 to 1.6)
High SDI	Austria	8,982 (8,089 to 9,783)	14.85	5.07 (4.45 to 5.78)	80.96	-0.14	56.5 (49.6 to 64.4)	57.57	-1.04	27.5 (24.2 to 31.4)	24.02	-1.96	0.25 (-1.01 to 1.52)
High SDI	Belgium	11,469 (10,320 to 12,562)	14.32	5.95 (5.22 to 6.68)	48.34	0.28	51.9 (45.5 to 58.2)	29.76	-0.19	25.1 (22.1 to 28.1)	2.96	-2.35	-0.4 (-1.6 to 0.82)
High SDI	Bermuda	64 (57 to 70)	5.42	0.04 (0.04 to 0.05)	223.83	3.27	67.6 (58.2 to 76.4)	207.17	4.22	33 (28.5 to 37.4)	63.85	-0.39	1.41 (-2.08 to 5.02)
High SDI	Canada	37,469 (35,051 to 40,168)	33.65	18.56 (16.18 to 21.5)	126.47	5.49	49.5 (43.2 to 57.4)	69.45	3.61	24.9 (21.7 to 28.7)	7.15	-0.2	1.2 (-0.4 to 2.83)
High SDI	Cyprus	1,358 (1,173 to 1,539)	68.33	0.69 (0.6 to 0.78)	148.22	5.21	50.7 (44.3 to 57.4)	47.46	2.24	31.1 (27.2 to 35.1)	3.03	-1.64	-0.46 (-2.83 to 1.97)
High SDI	Czechia	10,632 (9,668 to 11,611)	3.3	4.87 (4.23 to 5.61)	152.05	1.46	45.8 (39.7 to 52.8)	144.01	1.6	22.4 (19.4 to 25.9)	63.13	-0.42	0.71 (-0.45 to 1.89)
High SDI	Denmark	5,852 (5,305 to 6,409)	13.21	3.01 (2.64 to 3.43)	76.26	2.35	51.5 (45.1 to 58.6)	55.69	1.45	24.1 (21.2 to 27.3)	20.45	-1.53	-0.12 (-1.79 to 1.58)
High SDI	Estonia	1,311 (1,188 to 1,433)	-14.98	0.5 (0.43 to 0.59)	146.35	-0.12	38.2 (32.7 to 44.6)	189.75	0.17	20.4 (17.5 to 23.9)	108.05	-1.38	1.86 (0.07 to 3.68)
High SDI	Finland	5,536 (4,950 to 6,058)	9.47	2.41 (2.1 to 2.77)	97.74	1.95	43.5 (37.9 to 50.1)	80.64	1.85	17.8 (15.6 to 20.4)	12.65	-1.99	0.43 (-1.33 to 2.22)
High SDI	France	66,390 (59,549 to 73,473)	14.15	32.31 (28.36 to 36.78)	71.78	0.86	48.7 (42.7 to 55.4)	50.48	0.49	22.7 (20 to 25.8)	8.22	-2.27	0.06 (-0.65 to 0.76)
High SDI	Germany	85,372 (76,248 to 93,979)	5.62	54.02 (48.79 to 60.28)	65.46	1.36	63.3 (57.1 to 70.6)	56.66	0.87	27.7 (25 to 30.6)	12.54	-0.14	-0.3 (-1.01 to 0.42)
High SDI	Greenland	56 (51 to 61)	1.29	0.02 (0.01 to 0.02)	193.73	6.67	28.7 (25.1 to 32.7)	189.98	6.45	23.6 (20.6 to 26.6)	30.66	0.49	0.89 (-4.06 to 6.09)
High SDI	Iceland	350 (318 to 384)	35.02	0.12 (0.1 to 0.14)	107.53	4.95	34.1 (29.8 to 38.8)	53.7	3.14	20.3 (17.7 to 23.1)	6.76	-1.27	-0.33 (-3.43 to 2.87)
High SDI	Ireland	4,941 (4,420 to 5,452)	36.8	1.92 (1.76 to 2.07)	64.69	3.31	38.8 (35.7 to 41.9)	20.38	2.51	23.9 (21.9 to 25.8)	-10.99	-2.26	-1.05 (-2.57 to 0.5)
High SDI	Japan	127,697 (117,992 to 137,075)	0.87	105.93 (95.55 to 115.89)	91.31	-1.25	83 (74.8 to 90.8)	89.65	-0.7	30.6 (27.9 to 33.2)	2.24	-3.24	-0.49 (-0.82 to -0.16)
High SDI	Kuwait	4,650 (4,033 to 5,277)	174.26	1.29 (1.11 to 1.49)	477.26	15.08	27.6 (23.8 to 32.1)	110.48	8.53	42.6 (37 to 48.6)	33.51	0	0.37 (-0.59 to 1.34)
High SDI	Latvia	1,870 (1,698 to 2,049)	-29	0.55 (0.47 to 0.63)	81.06	-0.46	29.2 (25.2 to 33.5)	154.99	1.75	15.1 (13 to 17.5)	80.08	0.11	1.77 (0.42 to 3.14)
High SDI	Lithuania	2,728 (2,476 to 3,006)	-26.04	0.69 (0.6 to 0.79)	65.01	-0.33	25.5 (22.1 to 29)	123.1	2.08	13.2 (11.5 to 15.1)	44.35	-0.36	0.93 (-0.36 to 2.24)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
High SDI	Luxembourg	644 (589 to 703)	65.71	0.28 (0.25 to 0.32)	98.01	4.54	44.1 (38.2 to 49.3)	19.49	0.31	26.9 (23.2 to 30.3)	9.43	-1.64	0.89 (-1.77 to 3.62)
High SDI	Monaco	38 (34 to 41)	22.08	0.02 (0.02 to 0.03)	43.37	1.28	60.5 (53.1 to 69.1)	17.43	0.71	22.7 (19.9 to 25.7)	8.99	-1.33	1.07 (-3.82 to 6.22)
High SDI	Netherlands	17,211 (15,589 to 18,893)	13.76	9.03 (7.87 to 10.06)	95.75	2.3	52.4 (45.7 to 58.5)	72.07	1.86	24.2 (21.2 to 26.9)	13.75	-1.78	0.18 (-1.02 to 1.39)
High SDI	New Zealand	5,170 (4,717 to 5,607)	48.09	2.7 (2.38 to 3.05)	132.29	7.03	52.1 (46 to 58.9)	56.86	3.25	31.1 (27.6 to 35.2)	14.28	0.63	0.54 (-0.82 to 1.92)
High SDI	Norway	5,418 (4,934 to 5,963)	26.42	2.13 (1.91 to 2.35)	59.74	4.47	39.2 (35.3 to 43.4)	26.35	3.09	20.4 (18.5 to 22.4)	13.14	-1.13	-0.4 (-2.13 to 1.36)
High SDI	Poland	38,238 (34,552 to 41,891)	-0.26	14.66 (12.97 to 16.66)	77.31	3.12	38.3 (33.9 to 43.6)	77.77	3.68	20.2 (18 to 22.6)	11.21	0.1	-0.42 (-1.45 to 0.62)
High SDI	Puerto Rico	3,294 (3,048 to 3,535)	-10.43	2.27 (1.99 to 2.59)	144.08	-0.21	68.9 (60.3 to 78.5)	172.49	2.41	35.8 (31.6 to 40.5)	46.95	-1.87	1.05 (0.22 to 1.88)
High SDI	Qatar	2,977 (2,746 to 3,202)	529.48	0.59 (0.5 to 0.69)	1,114.42	12.27	19.7 (16.7 to 23.2)	92.92	6.61	53.1 (46.3 to 60.1)	47.19	0.51	0.59 (-1.23 to 2.45)
High SDI	Republic of Korea	51,570 (47,777 to 55,127)	14.94	24.49 (21.87 to 27.47)	257.77	5.4	47.5 (42.4 to 53.3)	211.28	5.97	25.4 (22.7 to 28.4)	13.01	-1.66	-0.17 (-0.52 to 0.18)
High SDI	San Marino	33 (28 to 37)	33.9	0.02 (0.01 to 0.02)	102.65	3.26	46.9 (40.7 to 54)	51.35	2.86	20.5 (17.7 to 23.6)	6.46	-0.54	-0.32 (-5.67 to 5.33)
High SDI	Saudi Arabia	37,704 (32,635 to 43,017)	120.97	11.48 (9.98 to 13.13)	401.49	11.49	30.4 (26.5 to 34.8)	126.95	7.07	52.8 (47.1 to 58.9)	51.3	-0.79	1.22 (0.96 to 1.48)
High SDI	Singapore	5,727 (5,262 to 6,196)	77.28	2.78 (2.45 to 3.16)	331.68	7.94	48.5 (42.8 to 55.1)	143.5	6.82	31.8 (28.4 to 36.1)	15.73	-1.63	-0.09 (-1.25 to 1.09)
High SDI	Slovenia	2,070 (1,886 to 2,251)	4.46	1 (0.85 to 1.15)	194.36	3.46	48.3 (41.3 to 55.3)	181.8	3.68	22.9 (19.6 to 26.1)	72.57	0.53	1.41 (-0.39 to 3.24)
High SDI	Sweden	10,374 (9,389 to 11,397)	19.21	3.89 (3.36 to 4.47)	38.72	3.23	37.5 (32.3 to 43)	16.37	1.73	17.3 (15.1 to 19.6)	1.11	0.16	-0.07 (-1.38 to 1.27)
High SDI	Switzerland	8,923 (8,054 to 9,863)	28.05	4.89 (4.22 to 5.59)	82.2	2.72	54.8 (47.3 to 62.7)	42.29	1.04	26.4 (22.6 to 30.4)	8.81	-1.58	-0.45 (-1.68 to 0.8)
High SDI	Taiwan (Province of China)	23,637 (21,439 to 25,875)	13.67	13.54 (12.19 to 15.03)	168.95	5.07	57.3 (51.6 to 63.6)	136.59	5.09	31.4 (28.3 to 34.7)	9.14	-1.94	0.09 (-0.26 to 0.45)
High SDI	United Arab Emirates	9,631 (7,900 to 11,219)	359.27	3.01 (2.56 to 3.64)	1,295.07	24.12	31.2 (26.5 to 37.7)	203.76	22.48	51.8 (45.8 to 58.7)	33.6	0.12	0.83 (-0.15 to 1.81)
High SDI	United Kingdom	67,848 (63,909 to 71,608)	17.69	30.22 (27.27 to 33.28)	39.44	3.05	44.5 (40.2 to 49.1)	18.48	2.14	22.4 (20.3 to 24.6)	1.13	0.17	-0.19 (-0.55 to 0.17)
High SDI	United States of America	332,643 (308,381 to 356,796)	28.11	198.28 (180.73 to 216.56)	92.27	4.38	59.6 (54.3 to 65.1)	50.09	3.55	33.3 (30.5 to 36.2)	7.92	-0.38	-0.07 (-0.44 to 0.29)
High SDI	United States Virgin Islands	86 (80 to 92)	-19.72	0.06 (0.05 to 0.06)	171.96	-1.34	65.4 (56.2 to 74.5)	238.78	3.48	31.3 (27 to 36)	45.58	-0.41	1.34 (-1.96 to 4.75)
High-middle SDI	American Samoa	50 (46 to 53)	-3.6	0.02 (0.01 to 0.02)	160.07	3.35	31.5 (27.2 to 36.8)	169.8	6.23	30.7 (26.7 to 35.2)	33.68	-0.48	0.61 (-3.89 to 5.31)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
High-middle SDI	Antigua and Barbuda	89 (78 to 100)	43.68	0.04 (0.03 to 0.04)	229.09	6.77	43.6 (37.8 to 49.5)	129.05	6.2	34.5 (30.1 to 38.9)	48.89	0.78	0.68 (–2.8 to 4.28)
High-middle SDI	Argentina	45,487 (39,215 to 51,850)	34.2	15.87 (13.88 to 17.97)	107.59	1.2	34.9 (30.5 to 39.5)	54.68	0.13	27.8 (24.3 to 31.5)	23.35	–2.5	0.73 (0 to 1.47)
High-middle SDI	Bahamas	388 (334 to 444)	45.1	0.13 (0.11 to 0.14)	267.08	6.46	32.2 (28.1 to 37)	152.98	5.55	28.8 (25.3 to 32.7)	44.1	0.82	1.09 (–1.19 to 3.44)
High-middle SDI	Bahrain	1,530 (1,421 to 1,647)	185.16	0.52 (0.44 to 0.61)	680.38	15.47	33.8 (28.6 to 40)	173.67	12.82	50 (43.6 to 57)	46.76	0.1	0.92 (–0.94 to 2.81)
High-middle SDI	Barbados	299 (260 to 342)	17.94	0.16 (0.14 to 0.18)	181.82	7.1	52.6 (46.1 to 60.3)	138.95	6.44	30.4 (26.6 to 34.9)	50.5	1.91	1.36 (–1.13 to 3.92)
High-middle SDI	Belarus	9,325 (8,021 to 10,622)	–11.09	1.94 (1.67 to 2.23)	85.46	1.03	20.8 (17.9 to 23.9)	108.6	2.38	12.3 (10.6 to 14)	55.78	0.29	1.18 (0.41 to 1.95)
High-middle SDI	Bosnia and Herzegovina	3,303 (2,901 to 3,694)	–26.56	1.48 (1.3 to 1.7)	167.62	1.06	44.9 (39.3 to 51.3)	264.42	3.75	23.4 (20.4 to 26.5)	91.18	0.15	1.82 (0.48 to 3.17)
High-middle SDI	Brunei Darussalam	451 (394 to 510)	64.68	0.12 (0.1 to 0.14)	258.64	9.2	26 (22.4 to 30)	117.78	6.94	34.5 (30.1 to 39.1)	6.67	–1.05	0.31 (–2.09 to 2.77)
High-middle SDI	Bulgaria	6,787 (6,075 to 7,429)	–20.54	3.16 (2.77 to 3.64)	76.09	–2.61	46.6 (40.8 to 53.6)	121.6	–0.46	22.3 (19.7 to 25.8)	64.02	–1.32	1.55 (0.37 to 2.74)
High-middle SDI	Chile	18,798 (17,096 to 20,570)	37.19	8.7 (7.61 to 9.89)	263.34	3.34	46.3 (40.5 to 52.6)	164.85	1.27	33.4 (29.2 to 38)	46.07	–2.87	1.02 (0.2 to 1.84)
High-middle SDI	China	1,422,746 (1,318,759 to 1,530,462)	17.95	354.16 (321.26 to 382.78)	176.63	9.12	24.9 (22.6 to 26.9)	134.53	8.48	16.3 (14.9 to 17.5)	12.74	2.18	0.15 (0.04 to 0.27)
High-middle SDI	Cook Islands	18 (16 to 19)	–7.35	0.01 (0.01 to 0.01)	191.1	4.03	42.2 (36.4 to 48.1)	214.21	4.12	28.5 (24.7 to 32.6)	50.37	–0.4	0.98 (–4.72 to 7.03)
High-middle SDI	Croatia	4,209 (3,676 to 4,748)	–12.54	2.41 (2.08 to 2.7)	126.23	2.15	57.1 (49.5 to 64.2)	158.68	3.22	27.1 (23.5 to 30.5)	68.34	0.49	1.18 (–0.4 to 2.79)
High-middle SDI	Dominica	67 (58 to 76)	–6.5	0.03 (0.02 to 0.03)	94.35	4.05	40.2 (34.5 to 46.3)	107.86	4.7	31 (26.8 to 35.4)	31.79	0.28	0.59 (–2.92 to 4.23)
High-middle SDI	Georgia	3,607 (3,200 to 4,005)	–33.7	0.91 (0.78 to 1.07)	51.24	–0.92	25.3 (21.5 to 29.8)	128.12	0.93	15.8 (13.6 to 18.5)	70.79	–1.1	1.55 (0.73 to 2.39)
High-middle SDI	Greece	10,175 (8,728 to 11,509)	–3.66	6.7 (6.01 to 7.57)	34.81	–0.98	65.8 (59.1 to 74.4)	39.93	0.4	28.4 (25.3 to 32.2)	–6.07	–1.17	–0.38 (–1.53 to 0.79)
High-middle SDI	Guam	159 (147 to 171)	11.61	0.05 (0.05 to 0.06)	217.25	5.09	33.7 (29.2 to 38.9)	184.26	6	25.4 (22.2 to 29.1)	34.46	0.62	1.06 (–1.95 to 4.17)
High-middle SDI	Hungary	9,597 (8,426 to 10,869)	–7.43	4.53 (3.95 to 5.21)	152.12	–0.42	47.2 (41.2 to 54.3)	172.35	0.53	23.1 (20.1 to 26.5)	95.28	–1.56	1.1 (0.02 to 2.18)
High-middle SDI	Israel	9,594 (8,200 to 11,048)	83.04	4.03 (3.5 to 4.63)	152.01	5.03	42 (36.5 to 48.3)	37.68	1.63	32.2 (28.1 to 36.6)	8.78	–1.7	–0.2 (–1.42 to 1.04)
High-middle SDI	Italy	59,811 (54,355 to 65,105)	5.47	31.47 (28.47 to 34.61)	53.41	–1.44	52.6 (47.6 to 57.9)	45.45	–0.64	20.6 (18.6 to 22.6)	–2.1	–3.06	–0.72 (–1.44 to 0)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
High-middle SDI	Jordan	12,325 (11,066 to 13,681)	206.28	3.76 (3.32 to 4.25)	684.77	14.57	30.5 (26.9 to 34.5)	156.22	7.04	47.8 (42.6 to 53.4)	49.08	-0.21	1.13 (0.58 to 1.67)
High-middle SDI	Kazakhstan	18,956 (17,030 to 20,835)	16.94	3.22 (2.68 to 3.76)	176.17	4.39	17 (14.2 to 19.8)	136.16	1.64	16.6 (14 to 19.3)	92.73	-0.22	1.83 (1.49 to 2.17)
High-middle SDI	Lebanon	5,540 (4,674 to 6,394)	78.79	2.64 (2.33 to 2.97)	272.88	4.08	47.7 (42 to 53.6)	108.56	4.24	45.5 (39.9 to 51.6)	53.39	0.28	1.03 (0.42 to 1.65)
High-middle SDI	Libya	6,871 (5,809 to 7,977)	58.69	2.29 (1.97 to 2.66)	268.72	7.91	33.3 (28.6 to 38.7)	132.36	6.8	43.2 (37.4 to 49.5)	39.96	-0.6	0.79 (0.26 to 1.32)
High-middle SDI	Malaysia	31,812 (27,220 to 35,985)	69.48	7.81 (6.82 to 8.94)	318.9	6.37	24.6 (21.4 to 28.1)	147.17	4.45	26.3 (23 to 30)	42.36	0.14	0.88 (0.58 to 1.19)
High-middle SDI	Malta	442 (384 to 500)	17.18	0.28 (0.24 to 0.32)	133.5	3.83	63.1 (55.3 to 71.2)	99.27	3.28	27.1 (23.7 to 30.3)	3.57	-1.31	0.03 (-2.96 to 3.11)
High-middle SDI	Mauritius	1,272 (1,101 to 1,439)	13.42	0.79 (0.68 to 0.9)	266.93	5.68	61.9 (53.6 to 70.8)	223.5	5.83	40.1 (35 to 45.5)	51.23	0.62	1.36 (-0.06 to 2.79)
High-middle SDI	Montenegro	618 (540 to 701)	-1.92	0.29 (0.25 to 0.33)	125.85	-0.27	46.2 (39.8 to 53.5)	130.26	0.45	27.7 (24 to 31.7)	45.52	-1.96	1.24 (-0.68 to 3.21)
High-middle SDI	Niue	2 (1 to 2)	-25.59	0 (0 to 0)	47.72	2.5	36.1 (30.6 to 42.1)	98.53	1.93	27.1 (22.9 to 31.3)	42.02	0.35	0.9 (-5.33 to 6.85)
High-middle SDI	North Macedonia	2,176 (1,797 to 2,588)	9.13	0.96 (0.83 to 1.1)	229.7	2.38	44.1 (38.1 to 50.4)	202.13	2.79	26.8 (23.3 to 30.4)	85.5	-0.24	1.55 (-0.12 to 3.26)
High-middle SDI	Northern Mariana Islands	48 (45 to 52)	1.49	0.02 (0.02 to 0.02)	254.47	4.48	40.9 (34.6 to 49.4)	249.28	5.54	33.8 (28.9 to 39.8)	29.08	-0.87	-0.2 (-4.1 to 3.86)
High-middle SDI	Oman	4,704 (4,354 to 5,061)	125.61	0.87 (0.75 to 0.99)	382.18	15.14	18.4 (15.8 to 21)	113.72	5.69	42.6 (37.4 to 48.2)	66.1	0.16	1.35 (0.04 to 2.67)
High-middle SDI	Palau	18 (16 to 20)	12.88	0.01 (0.01 to 0.01)	250.26	7.24	47.8 (41 to 56.2)	210.3	7.03	34.2 (29.9 to 39.4)	52.54	-0.11	2.41 (-3.59 to 8.78)
High-middle SDI	Portugal	10,608 (9,230 to 12,049)	4.49	6.15 (5.35 to 7.18)	82.81	0.18	58 (50.4 to 67.7)	74.95	0.77	24.2 (20.9 to 28)	8.72	-2.4	-0.08 (-1.28 to 1.12)
High-middle SDI	Republic of Moldova	3,593 (2,973 to 4,192)	-19.12	0.64 (0.54 to 0.76)	109.05	1.59	17.8 (15 to 21.2)	158.45	3.17	10.9 (9.3 to 13)	62.77	0.29	1.04 (-0.08 to 2.18)
High-middle SDI	Romania	18,939 (16,520 to 21,513)	-18.72	7.85 (6.89 to 8.84)	129.74	-0.3	41.4 (36.4 to 46.7)	182.65	1.41	21.4 (18.9 to 23.9)	84.56	-0.49	0.87 (-0.11 to 1.85)
High-middle SDI	Russian Federation	144,854 (124,993 to 163,581)	-4.54	40.19 (36.17 to 44.62)	119.4	2.43	27.7 (25 to 30.8)	129.85	3.2	17.2 (15.5 to 18.8)	75.63	1.17	1.13 (0.96 to 1.3)
High-middle SDI	Saint Kitts and Nevis	59 (49 to 70)	40.75	0.03 (0.02 to 0.03)	215.16	7.94	45.4 (39.1 to 52.7)	123.9	6.69	34.5 (30.1 to 39.8)	47.43	0.28	0.47 (-3.36 to 4.45)
High-middle SDI	Serbia	8,920 (7,752 to 10,033)	-7.89	4.31 (3.74 to 4.96)	134.66	-1.71	48.4 (41.9 to 55.7)	154.76	-0.66	25.8 (22.5 to 29.4)	78.28	-1.97	1.49 (0.27 to 2.73)
High-middle SDI	Seychelles	105 (91 to 121)	41.67	0.04 (0.03 to 0.05)	189.6	7.59	37.6 (32.5 to 43.2)	104.42	5.62	32.2 (28.2 to 36.8)	37.48	-0.42	0.21 (-3.22 to 3.76)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
High-middle SDI	Slovakia	5,429 (4,896 to 5,960)	2.03	2.24 (1.95 to 2.55)	141.45	3.43	41.3 (35.8 to 46.9)	136.63	3.61	23 (20 to 26)	53.24	0.18	1.02 (–0.24 to 2.29)
High-middle SDI	Spain	45,549 (40,965 to 49,913)	16.9	23.66 (20.87 to 26.72)	62.91	0.68	51.9 (45.8 to 58.7)	39.35	1.69	23.6 (20.9 to 26.7)	–2.27	–1.43	–0.76 (–1.49 to –0.01)
High-middle SDI	Trinidad and Tobago	1,393 (1,207 to 1,568)	13.8	0.61 (0.54 to 0.7)	252.27	4.79	43.8 (38.5 to 50)	209.56	4.78	30.7 (27.1 to 34.7)	59.55	0.96	1.27 (–0.07 to 2.64)
High-middle SDI	Turkey	83,612 (77,066 to 89,962)	40.3	41.37 (36.22 to 47.07)	360.36	12.22	49.5 (43.3 to 56.3)	228.12	10.96	42.7 (37.6 to 48.1)	73.71	4.68	1.26 (1.05 to 1.48)
High-middle SDI	Ukraine	43,078 (34,633 to 51,395)	–17.94	7.83 (6.8 to 9.05)	47.08	2	18.2 (15.8 to 21)	79.22	3.87	10.3 (8.9 to 11.9)	40.68	1.21	1.06 (0.76 to 1.36)
High-middle SDI	Uruguay	3,406 (2,987 to 3,864)	7.15	1.36 (1.2 to 1.54)	61.64	1.65	39.9 (35.1 to 45.1)	50.86	1.84	24.1 (21.3 to 27.3)	19.04	–0.43	0.39 (–1.37 to 2.19)
Middle SDI	Albania	2,668 (2,316 to 3,021)	–19.96	0.92 (0.81 to 1.06)	244.62	3.73	34.7 (30.2 to 39.9)	330.59	5.31	20.3 (17.8 to 23.3)	69.28	0.46	1.29 (–0.05 to 2.65)
Middle SDI	Algeria	44,198 (37,361 to 50,961)	66.19	15.6 (13.63 to 17.93)	303.63	8.11	35.3 (30.8 to 40.6)	142.87	4.96	42.5 (37.4 to 48.3)	49.62	0.7	0.96 (0.7 to 1.23)
Middle SDI	Armenia	2,995 (2,605 to 3,376)	–12.61	0.77 (0.66 to 0.9)	197.33	1.71	25.6 (21.9 to 30)	240.24	2.71	17.3 (15.1 to 20)	100.8	–1.03	2.1 (1.12 to 3.09)
Middle SDI	Azerbaijan	10,500 (9,082 to 11,993)	39.06	2.05 (1.71 to 2.44)	295.52	6.42	19.6 (16.2 to 23.2)	184.43	4.95	18 (15.2 to 20.9)	90.57	–1.37	2.02 (1.53 to 2.51)
Middle SDI	Botswana	2,393 (2,079 to 2,710)	70.28	0.32 (0.28 to 0.37)	226.17	6.61	13.5 (11.7 to 15.6)	91.55	3.69	21.6 (18.9 to 24.8)	34.27	–0.3	0.74 (–0.56 to 2.05)
Middle SDI	Brazil	220,356 (188,145 to 250,952)	43.74	64.62 (59.02 to 70)	233.46	10.85	29.3 (26.8 to 31.8)	131.99	9.04	25.4 (23.2 to 27.5)	28.71	4.57	0.21 (0.08 to 0.34)
Middle SDI	Colombia	49,060 (44,537 to 53,498)	44.46	17.99 (15.65 to 20.82)	283.79	5.17	36.7 (31.9 to 42.4)	165.67	2.97	32.5 (28.3 to 37.4)	36.1	–0.33	0.61 (0.4 to 0.82)
Middle SDI	Costa Rica	4,748 (4,175 to 5,343)	47.17	2.6 (2.35 to 2.86)	187.61	5.38	54.8 (49.5 to 60.3)	95.42	4.49	46.6 (42.1 to 51.1)	–1.97	–0.24	–0.06 (–0.59 to 0.47)
Middle SDI	Cuba	11,270 (9,907 to 12,688)	2.48	5.24 (4.47 to 6.05)	226.16	3.94	46.5 (39.6 to 53.7)	218.26	4.79	27.2 (23.2 to 31.4)	80.99	0.55	1.6 (1.19 to 2.01)
Middle SDI	Dominican Republic	11,013 (9,395 to 12,573)	47.97	2.38 (2.03 to 2.7)	306.59	7.23	21.6 (18.4 to 24.5)	174.79	4.96	23.5 (20.2 to 26.8)	66.52	2.13	1.65 (1.2 to 2.11)
Middle SDI	Ecuador	18,065 (15,505 to 20,500)	72.47	5.93 (5.19 to 6.75)	449.71	4.81	32.8 (28.7 to 37.4)	218.73	1.5	35.8 (31.4 to 40.7)	88.92	–0.54	1.91 (1.54 to 2.27)
Middle SDI	Equatorial Guinea	1,512 (1,363 to 1,676)	229.18	0.08 (0.07 to 0.1)	346.45	8.61	5.5 (4.7 to 6.3)	35.62	2.8	16.3 (14.2 to 18.5)	75.18	1.76	1.3 (–1.42 to 4.08)
Middle SDI	Fiji	924 (839 to 1,016)	20.02	0.21 (0.18 to 0.24)	158.8	3.95	22.9 (19.3 to 26)	115.63	3.07	25.7 (22.3 to 29.2)	25.38	0.31	0.12 (–1.49 to 1.77)
Middle SDI	Gabon	1,816 (1,607 to 2,015)	76.17	0.19 (0.17 to 0.22)	165.1	7.15	10.5 (9.2 to 12.1)	50.48	4.13	18 (15.9 to 20.5)	48.73	1.66	1.02 (–0.88 to 2.95)
Middle SDI	Grenada	103 (89 to 116)	16.17	0.04 (0.04 to 0.05)	181.78	3.19	41.8 (36.5 to 47.2)	142.55	4.1	35.5 (31.1 to 40.2)	56.2	0.48	0.67 (–2.7 to 4.15)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
Middle SDI	Guyana	765 (670 to 859)	–1.81	0.2 (0.17 to 0.23)	164.68	5.98	25.8 (21.9 to 29.8)	169.56	6.18	28.6 (24.6 to 32.6)	55.13	2.77	1.47 (–0.22 to 3.19)
Middle SDI	Indonesia	278,914 (256,923 to 300,109)	46.44	43.24 (38.38 to 48.5)	221.79	13.88	15.5 (13.8 to 17.4)	119.74	11.31	17 (15.3 to 18.9)	37.12	5.51	0.5 (0.39 to 0.61)
Middle SDI	Iran (Islamic Republic of)	85,356 (76,864 to 93,931)	41.92	32.94 (30.16 to 35.88)	243.52	9.68	38.6 (35.3 to 42)	142.05	8.4	41.4 (37.8 to 44.9)	27.9	1.98	0.4 (0.22 to 0.59)
Middle SDI	Iraq	41,224 (29,163 to 52,061)	116.29	11.41 (9.81 to 13.19)	328.72	8.76	27.7 (23.8 to 32)	98.22	5.35	45.8 (40 to 52.6)	42.75	1.04	0.88 (0.65 to 1.11)
Middle SDI	Jamaica	2,800 (2,448 to 3,165)	16.28	0.89 (0.78 to 1.02)	134.62	4.18	31.7 (27.9 to 36.3)	101.78	4.13	29 (25.4 to 33.2)	36.54	0.23	0.9 (0.05 to 1.76)
Middle SDI	Maldives	517 (456 to 571)	119.04	0.1 (0.09 to 0.12)	419.68	14.06	20.1 (17.4 to 23.4)	137.25	7.56	30.2 (26.2 to 34.9)	51.71	0.49	1.01 (–1.77 to 3.88)
Middle SDI	Mexico	129,276 (119,311 to 139,133)	45.51	61.21 (56.69 to 65.36)	296.13	6.58	47.3 (43.8 to 50.6)	172.24	5.22	46.2 (42.9 to 49.4)	42.63	0.93	1.17 (1.06 to 1.27)
Middle SDI	Nauru	11 (10 to 12)	6.6	0 (0 to 0)	60.95	4.53	13.5 (11.3 to 15.7)	50.99	3.31	24 (20.8 to 27.7)	30.63	1.46	0.59 (–3.37 to 4.66)
Middle SDI	Palestine	5,136 (4,663 to 5,613)	132.32	1.19 (1.03 to 1.37)	297.23	9.89	23.2 (20.1 to 26.7)	70.98	6.34	45.2 (39.9 to 51.3)	40.85	0.71	0.56 (–0.18 to 1.3)
Middle SDI	Panama	4,292 (3,695 to 4,867)	72.24	1.64 (1.43 to 1.86)	287.8	8.27	38.3 (33.4 to 43.4)	125.15	4.78	37.4 (32.5 to 42.3)	43.17	1.92	0.89 (0.27 to 1.51)
Middle SDI	Paraguay	7,169 (5,861 to 8,461)	67.55	1.86 (1.64 to 2.13)	270.15	4.64	26 (22.9 to 29.7)	120.92	2.2	31.2 (27.6 to 35.5)	49.79	–1.08	1.21 (0.63 to 1.79)
Middle SDI	Peru	36,271 (32,891 to 39,697)	61.44	9.58 (8.19 to 10.94)	392.98	4.55	26.4 (22.6 to 30.2)	205.36	0.52	28.9 (24.7 to 33.1)	88.17	–0.04	1.83 (1.53 to 2.13)
Middle SDI	Philippines	113,250 (100,304 to 125,282)	71.18	22.33 (20.23 to 24.22)	267.37	7.87	19.7 (17.9 to 21.4)	114.61	5.19	25.7 (23.6 to 27.8)	37.21	1.19	0.9 (0.75 to 1.05)
Middle SDI	Saint Lucia	178 (152 to 202)	26.57	0.08 (0.07 to 0.09)	284.02	6.35	42.9 (37.3 to 49.3)	203.4	5.93	31 (27 to 35.7)	45.86	0.13	0.92 (–1.93 to 3.85)
Middle SDI	Saint Vincent and the Grenadines	114 (100 to 129)	3.77	0.04 (0.04 to 0.05)	192.44	6.09	37 (32.2 to 42)	181.82	6.14	28.7 (25 to 32.4)	46.62	0.77	1.14 (–2.01 to 4.4)
Middle SDI	South Africa	56,854 (49,727 to 64,283)	47.03	11.52 (10.41 to 12.56)	192.52	5.6	20.3 (18.3 to 22.1)	98.95	4.07	24.3 (22 to 26.4)	36.93	1.02	0.54 (0.34 to 0.75)
Middle SDI	Sri Lanka	22,270 (19,444 to 25,035)	27.43	8.19 (7 to 9.32)	249.05	4.95	36.8 (31.4 to 41.9)	173.91	3.71	28.6 (24.5 to 32.4)	42.39	–0.7	0.88 (0.56 to 1.2)
Middle SDI	Suriname	579 (510 to 654)	48.62	0.2 (0.17 to 0.22)	260.85	6.04	33.8 (29.1 to 38.8)	142.8	5.16	29.7 (25.8 to 34.2)	52.06	0.68	1.11 (–0.95 to 3.22)
Middle SDI	Syrian Arab Republic	14,030 (11,466 to 16,228)	3.66	5.88 (5.17 to 6.68)	259.86	6.71	41.9 (36.8 to 47.6)	247.17	6.18	42.1 (37.4 to 47.2)	44.09	–0.07	0.73 (0.36 to 1.1)
Middle SDI	Thailand	66,683 (57,543 to 75,921)	14.33	34.55 (30.21 to 39.09)	290.82	6.56	51.8 (45.3 to 58.6)	241.83	6.65	31 (27.2 to 34.8)	38.77	–0.15	0.65 (0.44 to 0.86)
Middle SDI	Tokelau	1 (1 to 2)	–11.66	0 (0 to 0)	62.79	4.59	26.3 (22.8 to 30.5)	84.28	2.91	24.1 (20.8 to 28)	49.32	1.87	1.09 (–1.96 to 2.16)
Middle SDI	Tonga	106 (96 to 117)	7.06	0.02 (0.02 to 0.02)	82.36	3.17	19.9 (17.2 to 22.8)	70.34	2.77	26 (22.6 to 29.7)	34.43	0.6	0.66 (–3.09 to 4.56)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
Middle SDI	Tunisia	11,843 (10,595 to 13,166)	35.79	5.85 (5.12 to 6.68)	266.64	6.39	49.4 (43.2 to 56.4)	170	5.13	42.6 (37.6 to 48.5)	48.41	-0.3	1.14 (0.67 to 1.62)
Middle SDI	Turkmenistan	5,158 (4,622 to 5,702)	34.31	0.64 (0.55 to 0.76)	214.98	7.05	12.5 (10.6 to 14.7)	134.52	5.14	14.4 (12.4 to 16.8)	53.58	1.06	1.38 (0.66 to 2.1)
Middle SDI	Uzbekistan	34,233 (24,498 to 43,631)	56.3	5.14 (4.25 to 6.1)	225.77	7.18	15 (12.4 to 17.8)	108.42	3.59	17.6 (14.8 to 20.4)	42.06	-1.11	0.93 (0.67 to 1.2)
Middle SDI	Viet Nam	100,268 (92,292 to 107,845)	41.45	21.26 (18.21 to 24.66)	276.41	8.95	21.2 (18.2 to 24.6)	166.11	6.98	20.9 (18.2 to 24)	57.46	0.39	1.4 (1.21 to 1.59)
Low-middle SDI	Angola	32,706 (29,055 to 36,449)	196.92	1.47 (1.25 to 1.71)	302.54	12.11	4.5 (3.8 to 5.2)	35.57	5.03	12.5 (10.9 to 14.3)	39.49	3.97	0.48 (0.17 to 0.78)
Low-middle SDI	Bangladesh	164,636 (142,940 to 185,760)	44.84	18.39 (15.66 to 21.28)	303.58	10.59	11.2 (9.5 to 12.9)	178.63	8.91	13 (11.1 to 15)	39.06	3.18	0.74 (0.53 to 0.94)
Low-middle SDI	Belize	429 (369 to 489)	118.74	0.1 (0.08 to 0.11)	373.15	9.9	22.3 (19 to 25.7)	116.31	5.69	30.1 (26.1 to 34.5)	47.03	1.06	-0.17 (-4.32 to 4.16)
Low-middle SDI	Bhutan	757 (685 to 823)	17.57	0.11 (0.09 to 0.13)	225.06	6.3	14.6 (12.4 to 17)	176.49	6.68	17.9 (15.2 to 20.7)	46.89	0.91	0.09 (-2.89 to 3.16)
Low-middle SDI	Bolivia (Plurinational State of)	11,797 (10,327 to 13,298)	76.1	2.49 (2.18 to 2.86)	292.78	3.57	21.1 (18.5 to 24.3)	123.04	1.29	26.9 (23.7 to 30.8)	45.72	0.32	1.66 (0.96 to 2.38)
Low-middle SDI	Cabo Verde	559 (487 to 634)	50.37	0.08 (0.06 to 0.09)	176.63	9.97	13.5 (11.4 to 15.5)	83.97	8.59	17.3 (14.9 to 19.9)	51.73	2.71	0.75 (-0.32 to 1.84)
Low-middle SDI	Cambodia	17,044 (14,539 to 19,614)	57.49	2.23 (1.88 to 2.6)	289.64	10.89	13.1 (11.1 to 15.3)	147.41	7.97	17.2 (14.7 to 20)	46.5	3.36	0.74 (-1.58 to 3.11)
Low-middle SDI	Cameroon	31,780 (26,654 to 37,155)	184.06	2.96 (2.54 to 3.41)	254.31	9.85	9.3 (8 to 10.7)	24.73	3.61	22.8 (20.1 to 26.1)	30.66	2.57	0.67 (-0.14 to 1.5)
Low-middle SDI	Comoros	744 (612 to 882)	54.3	0.06 (0.05 to 0.07)	178.36	8.37	8 (6.9 to 9.1)	80.41	5.83	12.2 (10.6 to 13.9)	19.26	2.69	0.67 (0.52 to 0.83)
Low-middle SDI	Congo	5,392 (4,589 to 6,240)	111.86	0.39 (0.33 to 0.45)	240.79	11.42	7.2 (6.1 to 8.4)	60.86	7.57	14.2 (12.4 to 16.2)	42.32	3.68	0.84 (-0.27 to 1.97)
Low-middle SDI	Democratic People's Republic of Korea	26,392 (22,353 to 30,270)	24.35	5.91 (5.12 to 6.79)	151.03	4.89	22.4 (19.4 to 25.7)	101.87	4.44	17.8 (15.4 to 20.5)	30	0.81	1.38 (-2.51 to 5.42)
Low-middle SDI	Djibouti	1,259 (1,082 to 1,448)	155.97	0.08 (0.07 to 0.09)	453.04	12.16	6.3 (5.5 to 7.4)	116.06	6.51	12.6 (11 to 14.5)	29.01	2.74	1.64 (1.38 to 1.89)
Low-middle SDI	Egypt	105,627 (95,745 to 115,666)	83.67	30.04 (25.45 to 35.15)	257.34	7.4	28.4 (24.1 to 33.3)	94.55	4.04	45 (39.2 to 51.4)	55.2	0.76	0.89 (0.39 to 1.38)
Low-middle SDI	El Salvador	6,450 (5,430 to 7,375)	18.77	2.38 (2.09 to 2.71)	218.65	2.65	36.9 (32.4 to 42.1)	168.29	1.83	39.5 (34.6 to 45.1)	68.91	-1.01	2.23 (-3.81 to 8.65)
Low-middle SDI	Eswatini	1,155 (1,029 to 1,262)	35.04	0.13 (0.11 to 0.15)	117.79	2.21	11.3 (9.6 to 12.9)	61.28	1.02	22.3 (19.3 to 25.3)	16.05	0.02	-0.3 (-0.42 to -0.18)
Low-middle SDI	Ghana	34,246 (29,711 to 38,854)	118.12	2.73 (2.37 to 3.16)	241.87	8.18	8 (6.9 to 9.2)	56.74	3.05	16.1 (14.1 to 18.4)	36.28	1.7	0.95 (0.67 to 1.23)
Low-middle SDI	Guatemala	15,767 (14,360 to 17,143)	77.63	4.39 (3.79 to 5.07)	333.14	5.59	27.9 (24.1 to 32.1)	143.84	3.5	38.9 (33.7 to 44.9)	49.81	-0.27	0.61 (-3.07 to 4.43)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
Low-middle SDI	Honduras	10,110 (8,912 to 11,286)	102.75	2.14 (1.85 to 2.49)	279.3	6.18	21.2 (18.3 to 24.7)	87.08	2.34	32 (27.9 to 37.2)	30.84	0.18	0.41 (–0.23 to 1.06)
Low-middle SDI	India	1,414,495 (1,240,241 to 1,601,508)	59.78	222.79 (199.08 to 245.04)	153.26	6.91	15.8 (14.1 to 17.3)	58.51	4.96	18.2 (16.3 to 20)	8.45	1.56	1.02 (–1.51 to 3.61)
Low-middle SDI	Kenya	50,062 (46,231 to 54,034)	103.3	2.58 (2.3 to 2.86)	221.98	11.4	5.2 (4.6 to 5.7)	58.38	8.17	11.3 (10.1 to 12.5)	21.54	4.46	0.76 (0.2 to 1.33)
Low-middle SDI	Kiribati	121 (108 to 134)	57.58	0.02 (0.01 to 0.02)	153.86	7.37	12.4 (10.6 to 14.5)	61.1	4.74	19.2 (16.6 to 21.9)	33.46	2.3	0.04 (–1.49 to 1.59)
Low-middle SDI	Kyrgyzstan	6,863 (5,857 to 7,900)	49.16	0.66 (0.55 to 0.78)	155.7	7.9	9.6 (7.9 to 11.4)	71.43	4.62	12.2 (10.2 to 14.4)	54.19	1.45	1.03 (–1.64 to 3.77)
Low-middle SDI	Lao People's Democratic Republic	7,378 (6,610 to 8,098)	68	1.07 (0.9 to 1.23)	187.78	8.88	14.4 (12.3 to 16.7)	71.3	5.98	21.9 (18.8 to 25.2)	33.78	1.69	0.12 (–3.11 to 3.46)
Low-middle SDI	Lesotho	1,874 (1,684 to 2,067)	18.9	0.21 (0.18 to 0.24)	57.28	0.09	11.4 (9.7 to 13)	32.28	–0.2	19 (16.5 to 21.5)	25.36	1.22	0.84 (0.47 to 1.22)
Low-middle SDI	Marshall Islands	56 (49 to 64)	19.08	0.01 (0.01 to 0.01)	191.56	7.18	15.8 (13.5 to 18.5)	144.84	6.57	23.4 (20.3 to 26.4)	37.5	1.14	0.75 (0.57 to 0.93)
Low-middle SDI	Mauritania	4,396 (3,882 to 4,929)	103.39	0.42 (0.36 to 0.49)	176.75	7.9	9.6 (8.2 to 11.2)	36.07	3.34	19.2 (16.6 to 22.2)	34.72	2.32	0.55 (0.43 to 0.67)
Low-middle SDI	Micronesia (Federated States of)	103 (90 to 116)	–3.1	0.02 (0.02 to 0.03)	128.44	5.42	21.6 (18.1 to 25.5)	135.75	5.69	27.2 (23.4 to 31.2)	45.22	0.94	1.07 (0.45 to 1.7)
Low-middle SDI	Mongolia	3,336 (3,085 to 3,580)	49.17	0.42 (0.35 to 0.49)	195.86	10.01	12.7 (10.4 to 14.8)	98.34	6.26	16.3 (13.7 to 18.7)	30.29	1.31	–0.22 (–3.19 to 2.84)
Low-middle SDI	Morocco	37,177 (33,142 to 41,310)	41.44	14.04 (12.22 to 16.08)	302.24	7.89	37.8 (32.9 to 43.3)	184.39	6.53	39.8 (34.8 to 45.2)	71.91	1.96	0.72 (–0.3 to 1.74)
Low-middle SDI	Myanmar	56,420 (50,184 to 62,791)	36.07	10.66 (9.21 to 12.09)	181.25	7.06	18.9 (16.3 to 21.4)	106.69	4.92	21 (18.3 to 23.9)	39.61	1.08	0.29 (–0.12 to 0.7)
Low-middle SDI	Namibia	2,431 (2,093 to 2,728)	62.66	0.28 (0.24 to 0.32)	149.53	6.12	11.4 (9.9 to 13.3)	53.4	3.76	19.8 (17.3 to 22.9)	25.77	1.37	1.28 (0.9 to 1.67)
Low-middle SDI	Nicaragua	6,669 (5,591 to 7,775)	61.67	2.23 (1.92 to 2.56)	314.42	5.18	33.4 (28.7 to 38.5)	156.34	2.82	42.6 (36.7 to 48.6)	43.32	–0.86	0.11 (–2.85 to 3.15)
Low-middle SDI	Nigeria	231,166 (205,604 to 257,994)	142	15.86 (14.15 to 17.5)	158.72	12.25	6.9 (6.1 to 7.6)	6.91	6.29	17.4 (15.5 to 19.3)	31.17	4.52	2.02 (1.61 to 2.44)
Low-middle SDI	Pakistan	235,554 (215,432 to 256,773)	103	21.61 (19.07 to 24.24)	157.86	3.72	9.2 (8.1 to 10.3)	27.03	–0.77	16.8 (15 to 18.8)	21.95	–2.73	0.91 (0.36 to 1.45)
Low-middle SDI	Samoa	214 (193 to 236)	25.35	0.04 (0.03 to 0.05)	115.59	4.78	18.5 (15.9 to 21.6)	71.99	2.22	26.3 (22.9 to 30.4)	32.7	0.74	1.1 (0.66 to 1.54)
Low-middle SDI	Sao Tome and Principe	217 (191 to 243)	71.81	0.03 (0.02 to 0.03)	140.87	9.04	11.8 (10.1 to 13.7)	40.2	5.76	22.6 (19.8 to 25.8)	42.67	1.59	0.73 (–0.49 to 1.96)
Low-middle SDI	Sudan	43,419 (36,967 to 49,714)	100.94	6.79 (5.91 to 7.8)	185.63	7.6	15.6 (13.6 to 18)	42.15	3.83	35 (30.6 to 39.6)	46.54	1.63	0.64 (0.16 to 1.12)
Low-middle SDI	Tajikistan	10,160 (8,805 to 11,593)	81.68	0.71 (0.6 to 0.85)	272.51	10.07	7 (5.9 to 8.3)	105.03	5.34	11.4 (9.8 to 13.1)	74.36	0.33	–0.01 (–0.47 to 0.46)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
Low-middle SDI	Tuvalu	12 (11 to 14)	29.77	0 (0 to 0)	130.41	5.22	20.4 (17.3 to 23.6)	77.55	2.61	23.1 (19.8 to 26.5)	54.37	1.64	0.55 (0.18 to 0.93)
Low-middle SDI	Vanuatu	313 (291 to 336)	96.09	0.04 (0.03 to 0.04)	263.61	9.63	12 (10.1 to 13.8)	85.43	5.12	20.4 (17.4 to 23.3)	39.91	2.2	0.98 (0.74 to 1.22)
Low-middle SDI	Venezuela (Bolivarian Republic of)	26,629 (22,960 to 30,073)	35	11.93 (10.45 to 13.49)	310.82	2.64	44.8 (39.3 to 50.7)	204.32	8.89	38.1 (33.5 to 42.9)	42.36	-1.31	1.3 (1.12 to 1.47)
Low-middle SDI	Zambia	19,515 (16,772 to 22,271)	134.89	0.91 (0.78 to 1.05)	183.37	8.22	4.7 (4 to 5.4)	20.64	2.66	13.4 (11.6 to 15.3)	22.27	1.56	0.12 (-1.58 to 1.86)
Low-middle SDI	Zimbabwe	15,595 (13,802 to 17,465)	43.9	1.31 (1.14 to 1.5)	74.28	4.75	8.4 (7.3 to 9.6)	21.11	1.7	18.6 (16.2 to 21.1)	9.72	1.06	1.17 (0.89 to 2.03)
Low SDI	Afghanistan	31,222 (21,632 to 40,882)	201.68	3.5 (3.01 to 4.11)	77.34	5.17	11.2 (9.6 to 13.2)	-41.21	-1.39	36.7 (32 to 42.4)	33.92	1.49	0.69 (0.38 to 1.01)
Low SDI	Benin	13,499 (11,844 to 15,142)	160.04	0.89 (0.76 to 1.03)	211.4	9.8	6.6 (5.6 to 7.6)	19.75	3.11	17.1 (14.8 to 19.7)	27.49	2.67	0.59 (-0.04 to 1.22)
Low SDI	Burkina Faso	22,761 (20,948 to 24,636)	127.64	1.48 (1.29 to 1.67)	164.95	7.49	6.5 (5.6 to 7.4)	16.39	1.81	15.9 (13.9 to 17.9)	29.28	2.29	0.72 (0.19 to 1.24)
Low SDI	Burundi	13,220 (11,339 to 15,001)	127.38	0.52 (0.45 to 0.6)	141.85	9.87	3.9 (3.4 to 4.5)	6.36	2.53	10.9 (9.5 to 12.4)	18.88	1.69	0.04 (-0.84 to 0.92)
Low SDI	Central African Republic	5,484 (4,507 to 6,407)	90.63	0.25 (0.21 to 0.29)	132.47	7.41	4.5 (3.8 to 5.2)	21.95	3.5	11.1 (9.8 to 12.5)	24.05	2.85	0.44 (-0.94 to 1.84)
Low SDI	Chad	17,749 (15,191 to 20,275)	177.06	0.88 (0.76 to 1.03)	135.56	8.45	5 (4.3 to 5.8)	-14.98	0.73	15.2 (13.2 to 17.4)	20.65	3.18	0.33 (-0.28 to 0.93)
Low SDI	Côte d'Ivoire	27,862 (24,857 to 31,147)	111.82	2.12 (1.78 to 2.46)	216.01	9.85	7.6 (6.4 to 8.8)	49.18	4.92	18.8 (16.3 to 21.3)	23.84	2.63	0.36 (-0.06 to 0.79)
Low SDI	Democratic Republic of the Congo	90,018 (62,963 to 117,854)	123.33	4.5 (3.79 to 5.2)	189	10.5	5 (4.2 to 5.8)	29.4	5.37	12.3 (10.7 to 14.3)	31.74	3.6	0.67 (0.35 to 0.99)
Low SDI	Eritrea	6,598 (4,577 to 8,754)	109	0.3 (0.26 to 0.36)	227.47	9.31	4.6 (3.9 to 5.4)	56.68	4.63	11 (9.5 to 12.8)	25.81	2.17	0.23 (-1.16 to 1.64)
Low SDI	Ethiopia	108,938 (91,827 to 125,474)	98.5	4.77 (4.28 to 5.33)	155.08	9.87	4.4 (3.9 to 4.9)	28.5	5.41	11.2 (10 to 12.5)	23.72	4.61	0.05 (-0.26 to 0.35)
Low SDI	Gambia	2,394 (2,109 to 2,685)	125.46	0.17 (0.15 to 0.19)	219.8	6.6	7 (6.1 to 8.1)	41.84	1.61	17.1 (15 to 19.6)	26.12	2.42	0.47 (-1.14 to 2.11)
Low SDI	Guinea	13,430 (11,962 to 14,955)	106.75	0.93 (0.81 to 1.07)	96.25	6.71	6.9 (6 to 8)	-5.08	1.22	16.4 (14.4 to 18.9)	26.01	3.58	0.53 (-0.04 to 1.1)
Low SDI	Guinea-Bissau	2,064 (1,780 to 2,339)	96.23	0.12 (0.1 to 0.14)	106.35	6.68	5.7 (4.9 to 6.6)	5.16	1.96	15.9 (13.9 to 18.3)	15.9	2.58	0.19 (-1.42 to 1.82)
Low SDI	Haiti	12,864 (10,696 to 15,179)	91.75	1.67 (1.41 to 1.94)	178.58	7.03	13 (11 to 15.1)	45.28	3.06	21.8 (18.6 to 25.2)	30.29	1.65	0.63 (0.14 to 1.12)
Low SDI	Liberia	5,459 (4,607 to 6,313)	173.4	0.36 (0.31 to 0.42)	139.24	7.92	6.7 (5.7 to 7.7)	-12.49	2.82	17.3 (15 to 19.6)	35.5	1.59	0.92 (-0.13 to 1.97)
Low SDI	Madagascar	28,557 (26,054 to 30,956)	127.34	1.14 (0.98 to 1.34)	167.43	9.77	4 (3.4 to 4.7)	17.63	4.99	10.3 (8.9 to 11.7)	23.58	2.62	0.54 (-0.04 to 1.13)

(Continued to the next page)

Supplementary Table 5. Continued

Region		Population		Incident			All-age incidence			Age-standardized incidence			Net drift of incidence rate, % per year
Quintil	Country	Number in 2021, thousands	Percent change 1992–2021, %	Number in 2021, thousands	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	Rate in 2021 (per 100,000)	Percent change 1992–2021, %	Percent change 2019–2021, %	
Low SDI	Malawi	19,448 (17,851 to 21,031)	85.48	0.86 (0.74 to 0.98)	130.52	7.41	4.4 (3.8 to 5)	24.29	2.53	11.8 (10.3 to 13.4)	25.55	1.77	0.49 (–0.25 to 1.24)
Low SDI	Mali	24,104 (20,613 to 27,474)	167.72	1.38 (1.18 to 1.6)	174.22	7.64	5.7 (4.9 to 6.6)	2.43	0.07	15.5 (13.3 to 17.7)	26.79	2.6	0.43 (–0.1 to 0.96)
Low SDI	Mozambique	31,073 (28,241 to 33,940)	129.04	1.22 (1.05 to 1.43)	124.37	7.62	3.9 (3.4 to 4.6)	–2.04	2.14	11.2 (9.8 to 12.9)	23.37	2.6	0.65 (0.09 to 1.22)
Low SDI	Nepal	31,130 (27,340 to 35,331)	53.41	5.03 (4.31 to 5.82)	254.51	7.59	16.2 (13.9 to 18.7)	131.1	5.47	20.5 (17.7 to 23.4)	52.4	2.87	1.08 (0.79 to 1.38)
Low SDI	Niger	25,038 (21,889 to 28,031)	192.9	1.24 (1.05 to 1.44)	241.47	9.7	4.9 (4.2 to 5.8)	16.58	1.63	14.7 (12.7 to 17)	20.53	2.34	0.33 (–0.22 to 0.89)
Low SDI	Papua New Guinea	10,462 (9,096 to 11,787)	141.31	0.65 (0.54 to 0.76)	246.42	11.28	6.2 (5.1 to 7.3)	43.56	5.16	11.9 (10.1 to 13.9)	31.03	3.1	0.7 (–0.18 to 1.58)
Low SDI	Rwanda	13,270 (11,517 to 14,949)	76.23	0.72 (0.61 to 0.84)	175.41	10.31	5.4 (4.6 to 6.3)	56.27	5.82	11.5 (10 to 13.3)	26.73	2.52	0.54 (–0.45 to 1.54)
Low SDI	Senegal	15,860 (14,009 to 17,616)	96.77	1.3 (1.13 to 1.5)	177.49	6.78	8.2 (7.1 to 9.4)	41.02	2.81	16.7 (14.6 to 19)	22.78	1.87	0.37 (–0.16 to 0.9)
Low SDI	Sierra Leone	8,867 (7,944 to 9,808)	112.77	0.59 (0.51 to 0.67)	124.06	9.34	6.7 (5.7 to 7.5)	5.3	3.36	15.6 (13.6 to 17.6)	25.79	2.87	0.53 (–0.22 to 1.27)
Low SDI	Solomon Islands	684 (579 to 780)	89.59	0.06 (0.05 to 0.07)	143.32	9.73	8.3 (7 to 9.7)	28.34	5.58	15.2 (13.1 to 17.4)	7.09	3.27	–0.41 (–2.62 to 1.86)
Low SDI	Somalia	21,607 (15,579 to 27,030)	178.85	0.64 (0.54 to 0.74)	187.84	7.07	2.9 (2.5 to 3.4)	3.23	–0.82	10.6 (9.2 to 12)	14.05	2.54	0.13 (–0.8 to 1.06)
Low SDI	South Sudan	9,673 (8,122 to 11,041)	58.19	0.44 (0.38 to 0.51)	68.78	6.48	4.6 (3.9 to 5.3)	6.7	0.22	11.8 (10.2 to 13.6)	17.49	2.19	0.4 (–0.48 to 1.29)
Low SDI	Timor-Leste	1,398 (1,249 to 1,544)	71.64	0.18 (0.15 to 0.21)	273.75	5.62	12.6 (10.9 to 14.7)	117.75	1.35	19.8 (17.3 to 22.9)	33.53	1.2	1.15 (–0.97 to 3.33)
Low SDI	Togo	8,371 (7,165 to 9,504)	116.19	0.65 (0.56 to 0.76)	262.93	11.06	7.7 (6.6 to 9)	67.88	6.4	16.7 (14.5 to 19.4)	23.97	2.79	0.67 (–0.25 to 1.59)
Low SDI	Uganda	43,315 (38,655 to 48,316)	135.11	1.48 (1.26 to 1.69)	153.74	9.42	3.4 (2.9 to 3.9)	7.92	4.26	10.4 (9 to 11.9)	17.07	2.79	0.4 (–0.14 to 0.95)
Low SDI	United Republic of Tanzania	58,448 (51,504 to 65,494)	113.34	3.09 (2.69 to 3.53)	166.5	7.71	5.3 (4.6 to 6)	24.92	2.96	12.4 (10.8 to 14.1)	22.4	1.99	0.34 (–0.09 to 0.77)
Low SDI	Yemen	33,643 (28,179 to 39,519)	130.54	4.38 (3.76 to 5.03)	267.1	8.58	13 (11.2 to 15)	59.24	4.16	31.2 (27.1 to 35.8)	36.91	1.61	0.77 (0.4 to 1.15)

Parentheses for all Global Burden of Disease health estimate indicate 95% uncertainty intervals; parentheses for net drift indicate 95% confidence intervals. Net drifts are estimates derived from the age-period-cohort model and denotes overall annual percentage change in age-standardized Incidence rate, which captures the contribution of the effects from calendar time and successive birth cohorts. SDI, sociodemographic index.