

Burdens of type 2 diabetes and cardiovascular disease burdens to sugar-sweetened beverages in 184 countries

Supplementary Data 2 | Differences in proportional and absolute CVD and T2D burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally.

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally.

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
World	T2D	1.3 (0.9,1.7)	0.6 (0.3,0.8)	0.2 (0.0,0.5)	221 (200,242)	452 (403,502)	5.4 (4.6,6.5)
	CVD	-0.1 (-0.3,0.0)	-0.2 (-0.3,0.0)	-0.3 (-0.4,-0.2)	21.7 (8.7,33.8)	-251 (-327,-177)	-9.4 (-12.2,-7.0)
World region							
Centr/Eastern	T2D	1.5 (1.0,2.3)	0.5 (0.2,1.0)	0.0 (-0.2,0.4)	154 (127,194)	303 (249,403)	4.4 (3.4,6.1)
Europe and	CVD	0.5 (0.3,0.8)	0.3 (0.1,0.5)	0.2 (0.1,0.3)	103 (76.8,155)	-131 (-291,126)	3.0 (-2.7,11.9)
Centr Asia	T2D	-0.2 (-0.7,1.0)	0.6 (0.4,1.4)	-0.2 (-0.4,0.2)	385 (344,508)	476 (420,648)	-1.0 (-1.5,0.2)
High-Income	CVD	-0.9 (-1.3,-0.7)	-0.3 (-0.5,0.0)	-0.4 (-0.6,-0.3)	-187 (-240,-164)	-1684 (-1934,-1548)	-65.6 (-75.9,-60.4)
Countries							
Latin	T2D	-3.2 (-4.1,-2.2)	-2.6 (-3.3,-1.9)	-2.5 (-3.1,-1.9)	401 (339,473)	836 (670,1031)	8.0 (5.1,11.7)
Amer/Caribbe	CVD	-1.1 (-1.6,-0.6)	-1.6 (-2.2,-1.0)	-1.2 (-1.7,-0.8)	4.4 (-21.9,35.0)	-1438 (-1715,-1227)	-41.6 (-50.7,-33.9)
an							
Mid.	T2D	0.9 (0.1,1.8)	0.5 (-0.3,1.2)	-0.7 (-1.4,-0.1)	649 (540,764)	834 (689,1011)	4.4 (2.6,6.5)
East/North	CVD	0.2 (-0.3,0.7)	-0.1 (-0.5,0.5)	-0.3 (-0.6,0.1)	84.9 (24.2,152)	-1037 (-1388,-710)	-29.8 (-40.7,-19.3)
Africa							
South Asia	T2D	1.1 (0.8,1.7)	0.5 (0.3,0.7)	0.1 (-0.1,0.2)	94.1 (66.1,134)	191 (131,275)	2.5 (1.6,3.9)
	CVD	0.2 (0.1,0.4)	0.3 (0.2,0.6)	0.2 (0.1,0.3)	29.1 (18.1,50.6)	246 (155,397)	7.3 (4.4,11.7)
Southeast and	T2D	0.4 (-0.2,0.9)	0.4 (0.1,0.8)	0.4 (0.2,0.8)	54.3 (40.7,73.4)	140 (112,190)	2.0 (1.5,2.9)
East Asia	CVD	-0.1 (-0.2,0.0)	0.0 (-0.1,0.1)	-0.1 (-0.2,0.0)	17.6 (13.5,24.8)	119 (77.9,179)	4.1 (2.9,6.0)
Sub-Saharan	T2D	8.8 (6.8,11.0)	7.1 (5.4,9.2)	5.5 (4.0,7.3)	373 (300,458)	1058 (810,1344)	19.4 (14.3,25.9)
Africa	CVD	4.4 (3.1,5.8)	3.6 (2.5,5.0)	2.8 (1.8,4.1)	148 (103,200)	635 (354,935)	22.4 (12.6,34.1)
Country							
Afghanistan	T2D	8.3 (4.1,15.8)	6.0 (2.9,12.0)	4.1 (1.9,8.9)	529 (266,1049)	743 (358,1516)	6.9 (3.2,15.8)
	CVD	3.1 (1.4,6.7)	3.1 (1.5,6.8)	2.3 (1.1,5.0)	156 (71.8,357)	1212 (563,2871)	32.3 (14.6,72.6)
Albania	T2D	47.3 (38.7,55.1)	36.3 (27.9,44.5)	26.0 (18.9,34.6)	1477 (1214,1732)	2812 (2166,3484)	24.6 (17.8,33.0)
	CVD	24.4 (18.2,31.6)	21.4 (15.7,27.8)	16.9 (11.9,23.0)	1870 (1386,2466)	13601 (9914,17779)	650 (463,887)
Algeria	T2D	0.4 (-0.9,2.2)	0.3 (-0.7,1.6)	-0.8 (-2.1,0.1)	871 (575,1280)	1286 (839,1912)	8.4 (5.4,13.3)
	CVD	0.0 (-1.1,1.1)	-1.4 (-2.6,-0.7)	-1.5 (-2.8,-0.9)	18.8 (-138,182)	-1995 (-3172,-1263)	-50.7 (-89.9,-29.8)
Angola	T2D	12.6 (8.0,17.9)	9.7 (5.8,13.9)	6.9 (3.8,11.0)	673 (471,925)	1704 (1085,2439)	22.2 (12.0,36.2)
	CVD	5.9 (3.3,9.3)	5.3 (2.7,8.8)	4.1 (2.0,7.2)	193 (98.5,322)	1288 (594,2288)	41.6 (18.5,75.4)
Antigua and	T2D	3.5 (1.7,5.7)	4.4 (2.8,6.4)	2.7 (1.6,4.2)	1305 (912,1835)	2045 (1369,2925)	-5.5 (-15.9,2.2)
Barbuda	CVD	3.7 (2.3,5.9)	1.5 (0.8,2.6)	1.2 (0.7,2.0)	237 (128,403)	-2210 (-3301,-1436)	-92.9 (-141,-59.1)
Argentina	T2D	6.6 (5.0,8.4)	4.1 (3.2,5.7)	2.5 (1.9,3.9)	544 (432,682)	736 (583,1026)	5.6 (3.4,9.4)
	CVD	2.8 (2.1,4.0)	1.9 (1.5,2.9)	1.3 (1.0,2.0)	49.5 (0.8,106)	-1179 (-1824,-896)	-39.1 (-63.4,-29.8)
Armenia	T2D	3.5 (2.2,6.1)	2.1 (1.3,3.6)	1.4 (0.9,2.4)	175 (113,297)	340 (218,606)	4.5 (2.9,8.1)
	CVD	1.2 (0.8,2.1)	1.0 (0.7,1.9)	0.7 (0.5,1.3)	181 (116,334)	1070 (686,1910)	45.7 (29.5,80.9)
Australia	T2D	-3.8 (-5.3,-2.6)	-2.3 (-3.5,-1.6)	-2.0 (-3.6,-1.6)	85.1 (57.8,167)	36.4 (-4.5,131)	-2.7 (-5.1,-2.0)
	CVD	-1.8 (-2.8,-1.3)	-2.0 (-3.4,-1.5)	-1.7 (-2.9,-1.3)	-171 (-259,-128)	-2497 (-3758,-1937)	-96.8 (-150,-74.0)
Austria	T2D	0.5 (0.0,1.3)	0.0 (-0.5,0.4)	-0.7 (-1.3,-0.5)	99.8 (79.5,138)	69.5 (39.1,119)	-2.3 (-4.2,-1.7)
	CVD	-0.1 (-0.4,0.1)	-0.6 (-1.0,-0.5)	-0.5 (-0.7,-0.4)	-3.3 (-19.1,16.1)	-1411 (-1924,-1165)	-54.2 (-74.4,-45.3)
Azerbaijan	T2D	1.6 (0.3,3.5)	1.0 (0.4,2.4)	0.7 (0.1,1.9)	138 (89.7,235)	251 (162,454)	3.2 (2.0,6.6)
	CVD	0.5 (0.2,1.2)	0.4 (-0.1,1.2)	0.3 (0.0,0.9)	91.1 (52.2,183)	165 (-309,756)	10.8 (-1.1,31.4)
Bahamas, The	T2D	-35.0 (-40.0,-27.7)	-27.1 (-33.7,-20.0)	-22.9 (-30.3,-16.1)	-565 (-759,-237)	-3602 (-4461,-2605)	-109 (-145,-76.5)

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Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Bahrain	CVD	-20.5 (-26.7,-14.9)	-21.8 (-28.4,-15.7)	-17.2 (-23.3,-12.0)	-814 (-1083,-582)	-9302 (-12175,-6589)	-302 (-411,-208)
	T2D	2.7 (-1.3,8.0)	3.0 (-0.1,6.9)	1.7 (-0.8,4.8)	1137 (724,1791)	1511 (841,2466)	12.5 (0.3,27.8)
Bangladesh	CVD	1.9 (-0.9,5.9)	1.7 (-0.7,4.7)	1.1 (-0.7,3.3)	206 (-8.2,549)	-2446 (-3983,-1460)	-74.5 (-125,-43.8)
	T2D	0.2 (0.1,0.6)	0.1 (0.0,0.3)	0.0 (0.0,0.1)	26.8 (16.1,59.4)	49.1 (29.4,101)	0.5 (0.3,1.1)
Barbados	CVD	0.1 (0.1,0.2)	0.1 (0.0,0.2)	0.0 (0.0,0.1)	10.6 (5.8,23.3)	30.0 (6.3,79.6)	1.4 (0.6,3.2)
	T2D	8.8 (6.7,11.0)	7.2 (5.7,9.1)	4.2 (3.0,5.5)	2129 (1737,2596)	5814 (4532,7164)	71.5 (51.8,94.6)
Belarus	CVD	5.4 (3.9,7.3)	3.4 (2.5,4.6)	2.6 (1.9,3.6)	935 (691,1240)	-360 (-751,40.3)	-19.7 (-40.6,-5.3)
	T2D	-3.1 (-5.4,-1.4)	-1.8 (-3.5,-0.8)	-1.5 (-3.3,-0.8)	-7.5 (-36.0,29.3)	-15.9 (-77.6,46.7)	-0.7 (-1.8,-0.2)
Belgium	CVD	-1.1 (-1.9,-0.6)	-1.1 (-2.1,-0.6)	-0.8 (-1.5,-0.4)	-106 (-210,-37.9)	-1278 (-2604,-446)	-40.4 (-86.7,-10.4)
	T2D	1.4 (0.5,2.8)	1.4 (0.8,2.4)	-0.5 (-1.2,-0.2)	273 (220,361)	341 (263,490)	-4.0 (-6.5,-3.2)
Belize	CVD	-0.4 (-1.1,-0.1)	-0.9 (-1.5,-0.7)	-0.7 (-1.2,-0.6)	-166 (-262,-129)	-2194 (-3267,-1844)	-83.8 (-127,-71.2)
	T2D	9.3 (6.6,12.1)	7.2 (5.0,9.8)	5.5 (3.7,7.6)	1248 (895,1693)	3061 (2103,4291)	42.1 (28.6,59.2)
Benin	CVD	5.0 (3.4,7.3)	3.7 (2.5,5.2)	2.6 (1.7,3.7)	312 (210,469)	-397 (-765,-201)	-17.9 (-33.6,-10.6)
	T2D	10.7 (6.7,15.6)	8.2 (5.1,12.3)	5.2 (2.9,8.2)	646 (434,929)	1504 (968,2233)	17.4 (10.0,27.8)
Bhutan	CVD	5.3 (3.1,8.5)	4.3 (2.5,6.8)	3.0 (1.7,5.1)	178 (91.6,306)	814 (432,1369)	24.4 (12.4,42.6)
	T2D	5.9 (2.9,10.9)	3.5 (1.6,7.0)	2.0 (0.7,4.6)	248 (125,452)	542 (267,1050)	9.6 (4.2,21.3)
Bolivia	CVD	2.4 (1.0,5.3)	2.3 (1.0,4.6)	1.5 (0.6,3.4)	194 (87.4,429)	775 (326,1637)	28.8 (12.7,64.8)
	T2D	-6.0 (-7.6,-4.3)	-5.7 (-7.4,-4.1)	-5.5 (-7.4,-3.9)	703 (505,924)	923 (588,1411)	7.9 (0.3,20.1)
Bosnia and Herzegovina	CVD	-3.9 (-5.3,-2.7)	-5.5 (-7.1,-4.1)	-4.3 (-5.6,-3.1)	16.8 (-30.8,75.3)	-2798 (-3708,-2061)	-79.8 (-107,-57.6)
	T2D	4.2 (2.7,7.2)	2.3 (1.5,4.0)	1.6 (1.1,2.9)	357 (238,597)	835 (570,1386)	16.9 (11.5,28.5)
Botswana	CVD	1.6 (1.0,2.7)	1.2 (0.8,2.1)	0.9 (0.6,1.5)	192 (130,313)	1390 (911,2308)	64.8 (42.6,106)
	T2D	24.2 (17.2,30.8)	18.9 (12.6,25.5)	14.9 (9.2,21.7)	1269 (912,1623)	3787 (2544,5113)	84.8 (51.7,126)
Brazil	CVD	14.0 (9.3,19.3)	12.6 (8.1,17.4)	9.8 (5.8,14.3)	830 (550,1152)	2725 (1585,3905)	93.0 (52.8,139)
	T2D	-9.7 (-11.8,-7.8)	-7.9 (-9.4,-6.5)	-6.6 (-8.1,-5.6)	-30.3 (-97.4,96.2)	-487 (-662,-233)	-13.8 (-17.3,-10.1)
Brunei	CVD	-5.0 (-6.3,-4.0)	-5.0 (-6.1,-4.1)	-3.8 (-4.7,-3.2)	-140 (-185,-96.5)	-3073 (-3689,-2611)	-95.1 (-116,-80.1)
	T2D	8.3 (5.6,12.0)	5.6 (3.8,8.6)	3.7 (2.5,5.8)	1289 (877,1846)	1742 (1158,2670)	15.2 (9.8,24.0)
Bulgaria	CVD	2.8 (1.8,4.4)	3.9 (2.6,6.1)	3.0 (2.0,4.7)	61.3 (39.8,96.3)	760 (459,1268)	20.6 (12.9,34.6)
	T2D	0.4 (-0.1,1.5)	0.0 (-0.4,0.3)	-0.2 (-0.5,-0.1)	92.8 (64.9,188)	171 (115,339)	1.5 (0.7,2.5)
Burkina Faso	CVD	-0.1 (-0.3,0.0)	-0.2 (-0.4,-0.1)	-0.2 (-0.4,-0.1)	16.5 (-2.0,45.1)	-261 (-602,-129)	-3.0 (-13.6,1.5)
	T2D	9.4 (3.2,22.1)	7.1 (2.4,17.4)	5.1 (1.7,13.0)	279 (96.7,677)	818 (271,2016)	13.3 (4.6,34.8)
Burundi	CVD	3.9 (1.3,10.4)	3.2 (1.1,8.7)	2.4 (0.8,6.7)	139 (44.8,382)	771 (250,2091)	26.3 (8.7,75.5)
	T2D	9.0 (4.8,14.1)	6.4 (2.8,11.1)	4.5 (1.5,8.8)	229 (143,344)	439 (-11.6,961)	3.1 (-11.1,15.4)
Cambodia	CVD	4.3 (1.6,8.4)	4.3 (1.6,8.1)	3.2 (1.2,6.7)	97.4 (-17.9,249)	160 (-865,1055)	-0.1 (-34.1,29.3)
	T2D	11.5 (8.4,15.8)	7.9 (5.8,11.6)	5.8 (4.2,8.9)	474 (347,657)	1121 (817,1666)	19.9 (14.6,31.8)
Cameroon	CVD	4.5 (3.3,7.0)	5.2 (3.7,7.8)	3.5 (2.6,5.5)	167 (121,261)	1948 (1396,3018)	57.0 (41.9,90.7)
	T2D	18.3 (12.7,24.3)	14.3 (9.9,19.8)	10.7 (6.9,15.7)	751 (521,998)	2615 (1811,3665)	49.2 (32.3,73.9)
Canada	CVD	8.9 (5.9,13.0)	7.9 (5.2,11.8)	6.0 (3.8,9.5)	383 (251,564)	2644 (1730,3945)	84.2 (53.8,134)
	T2D	-1.3 (-2.2,-0.4)	-0.5 (-1.1,0.1)	-0.9 (-1.5,-0.6)	309 (241,471)	300 (229,472)	-2.0 (-3.2,-1.4)
Cape Verde	CVD	-0.9 (-1.4,-0.5)	-1.3 (-1.9,-1.0)	-1.1 (-1.6,-0.9)	-134 (-189,-104)	-1540 (-2081,-1317)	-56.7 (-78.3,-49.1)
	T2D	3.9 (1.7,7.5)	2.4 (0.9,5.2)	1.2 (0.1,2.9)	337 (208,561)	891 (550,1495)	14.0 (8.1,24.7)
Central African Republic	CVD	1.6 (0.5,3.4)	1.1 (0.2,2.6)	0.7 (0.1,1.8)	57.4 (-14.0,165)	532 (172,1220)	19.8 (6.2,47.1)
	T2D	2.3 (0.4,5.0)	1.6 (0.2,3.7)	1.0 (-0.2,2.9)	300 (190,516)	754 (410,1400)	8.2 (2.2,19.6)

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		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Chad	CVD	0.8 (-0.2,2.4)	0.8 (-0.4,2.7)	0.6 (-0.3,2.1)	54.8 (10.9,135)	395 (-100,1338)	9.8 (-5.7,34.5)
	T2D	7.3 (4.0,11.2)	5.5 (3.0,8.6)	3.8 (1.9,6.6)	305 (200,428)	790 (492,1192)	10.5 (5.6,18.7)
Chile	CVD	3.2 (1.4,6.1)	2.8 (1.2,5.1)	2.0 (0.7,4.2)	48.3 (-35.1,154)	524 (24.8,1144)	12.2 (-5.2,36.3)
	T2D	6.6 (4.6,9.2)	4.9 (3.5,6.5)	1.7 (0.6,2.7)	997 (762,1318)	1187 (903,1580)	4.2 (2.2,6.7)
China	CVD	3.9 (2.9,5.5)	3.6 (2.7,4.9)	2.2 (1.6,3.1)	108 (70.8,159)	-263 (-516,-123)	-14.7 (-26.8,-9.0)
	T2D	-0.3 (-1.2,-0.2)	-0.2 (-0.5,-0.1)	-0.1 (-0.3,-0.1)	-0.2 (-16.9,13.7)	12.2 (-0.5,37.9)	0.0 (-0.1,0.0)
Colombia	CVD	-0.1 (-0.2,-0.1)	-0.1 (-0.3,-0.1)	-0.1 (-0.2,-0.1)	4.6 (0.6,8.1)	-7.6 (-59.4,4.0)	0.5 (-0.3,0.9)
	T2D	4.2 (2.4,6.2)	3.1 (1.5,4.7)	0.6 (-0.6,2.1)	793 (627,972)	1507 (1147,1949)	2.9 (0.2,6.4)
Comoros	CVD	1.8 (0.4,3.3)	-0.1 (-1.1,1.2)	-0.5 (-1.3,0.6)	216 (125,334)	-1653 (-2204,-1119)	-19.9 (-35.2,-5.1)
	T2D	7.1 (3.8,11.1)	4.4 (1.5,8.0)	2.4 (-0.2,5.6)	348 (239,490)	806 (365,1351)	9.6 (-0.5,21.6)
Congo, Dem. Rep.	CVD	3.3 (1.0,6.1)	3.0 (0.8,5.7)	2.0 (0.3,4.2)	142 (34.5,289)	352 (-281,1030)	15.0 (-5.3,37.9)
	T2D	2.3 (0.8,6.0)	1.4 (0.5,3.9)	0.8 (0.2,2.4)	136 (46.7,368)	259 (85.7,713)	1.8 (-0.2,6.4)
Congo, Rep.	CVD	0.7 (0.2,2.3)	0.6 (0.1,2.1)	0.4 (0.1,1.2)	9.7 (-8.2,52.3)	-9.8 (-276,178)	-0.7 (-9.6,4.9)
	T2D	20.6 (14.6,27.1)	16.4 (11.2,22.6)	13.0 (8.7,19.1)	941 (665,1257)	3437 (2331,4810)	65.0 (42.1,96.8)
Costa Rica	CVD	10.5 (6.9,15.4)	10.1 (6.6,14.5)	7.9 (5.1,12.1)	491 (320,727)	3594 (2249,5311)	113 (69.4,180)
	T2D	-8.9 (-12.1,-5.9)	-7.0 (-9.7,-4.5)	-6.6 (-9.3,-4.3)	276 (137,485)	568 (276,1048)	1.2 (-1.2,5.6)
Cote d'Ivoire	CVD	-4.6 (-6.8,-2.8)	-4.0 (-5.8,-2.5)	-3.1 (-4.7,-2.0)	-89.7 (-169,6.4)	-1787 (-2542,-1209)	-66.5 (-96.3,-43.6)
	T2D	8.9 (5.3,13.7)	7.1 (4.1,11.1)	4.9 (2.4,8.2)	524 (353,741)	1467 (967,2147)	22.3 (13.9,35.0)
Croatia	CVD	4.5 (2.2,7.6)	4.0 (1.9,6.9)	2.9 (1.4,5.3)	217 (117,351)	1487 (817,2517)	46.5 (24.9,80.8)
	T2D	0.9 (0.4,1.8)	0.1 (-0.6,0.4)	-0.3 (-0.9,0.0)	139 (101,210)	306 (223,457)	5.1 (3.6,7.8)
Cuba	CVD	0.1 (-0.2,0.2)	-0.1 (-0.5,0.0)	-0.1 (-0.3,0.0)	9.5 (-16.3,30.8)	-701 (-1299,-486)	-16.4 (-33.1,-10.1)
	T2D	-10.1 (-15.4,-4.7)	-6.7 (-11.1,-2.6)	-6.7 (-11.1,-3.0)	338 (105,616)	41.7 (-522,686)	-31.2 (-45.3,-20.1)
Cyprus	CVD	-5.2 (-8.4,-2.3)	-6.1 (-9.2,-3.3)	-4.7 (-7.3,-2.4)	-225 (-460,16.4)	-4954 (-7070,-3070)	-177 (-269,-97.1)
	T2D	3.1 (1.5,5.7)	1.5 (0.7,2.8)	0.2 (0.0,0.5)	226 (118,427)	122 (41.1,255)	-7.4 (-16.6,-3.5)
Czech Republic	CVD	0.3 (0.1,1.0)	0.5 (0.2,1.1)	0.2 (0.1,0.5)	5.9 (-5.9,27.7)	-744 (-1528,-367)	-30.6 (-64.4,-15.1)
	T2D	-1.2 (-2.1,-0.7)	-0.9 (-1.7,-0.7)	-0.9 (-1.5,-0.7)	47.1 (25.1,95.3)	83.9 (41.7,156)	1.0 (0.0,1.9)
Denmark	CVD	-0.5 (-0.8,-0.3)	-0.7 (-1.1,-0.5)	-0.5 (-0.8,-0.4)	-104 (-155,-77.9)	-2098 (-3011,-1654)	-78.1 (-112,-60.5)
	T2D	1.3 (0.6,2.3)	0.6 (0.2,1.0)	0.0 (-0.4,0.1)	131 (102,197)	155 (122,223)	1.4 (0.9,2.3)
Djibouti	CVD	0.6 (0.5,1.1)	0.2 (0.0,0.3)	0.0 (-0.1,0.1)	14.7 (6.9,32.3)	-1051 (-1689,-855)	-43.9 (-63.7,-36.0)
	T2D	17.0 (10.6,23.4)	15.0 (8.6,21.6)	13.0 (6.8,19.2)	907 (680,1107)	4110 (2913,5359)	93.9 (63.0,128)
Dominica	CVD	11.4 (5.8,17.8)	11.6 (6.0,17.8)	9.8 (5.0,15.6)	950 (630,1312)	5896 (3922,8242)	181 (115,261)
	T2D	-7.2 (-9.7,-4.6)	-4.1 (-6.2,-2.4)	-3.7 (-5.6,-2.2)	397 (205,712)	300 (-158,1105)	-25.8 (-44.2,-10.3)
Dominican Republic	CVD	-3.5 (-5.2,-2.1)	-2.9 (-4.3,-1.7)	-2.4 (-3.7,-1.5)	-132 (-232,-24.1)	-2523 (-3667,-1607)	-116 (-171,-74.2)
	T2D	11.6 (7.2,16.8)	8.3 (5.3,12.5)	6.2 (3.8,9.5)	1221 (898,1654)	2987 (2181,4142)	38.7 (27.2,55.3)
Ecuador	CVD	4.7 (2.7,7.3)	5.0 (2.9,8.2)	3.9 (2.3,6.2)	470 (320,693)	3982 (2766,5889)	143 (98.1,209)
	T2D	-13.8 (-18.8,-9.1)	-13.2 (-17.4,-9.1)	-12.4 (-16.4,-8.6)	901 (598,1282)	1224 (579,2082)	4.4 (-5.9,18.1)
Egypt, Arab Rep.	CVD	-9.3 (-12.5,-6.2)	-10.1 (-12.9,-7.1)	-7.7 (-10.4,-5.4)	-131 (-244,7.8)	-2742 (-3492,-1977)	-83.1 (-115,-54.1)
	T2D	-0.5 (-1.1,0.3)	-0.8 (-1.3,-0.3)	-0.9 (-1.5,-0.4)	398 (299,555)	638 (476,931)	9.1 (6.5,14.1)
	CVD	-0.4 (-0.9,0.0)	-0.7 (-1.2,-0.4)	-0.4 (-0.7,-0.2)	38.8 (-10.3,122)	-915 (-1500,-549)	-21.7 (-35.9,-11.6)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
El Salvador	T2D	9.6 (6.8,12.9)	5.7 (3.9,8.4)	4.1 (2.7,6.5)	877 (636,1214)	3057 (2132,4469)	63.0 (43.4,94.7)
Equatorial Guinea	CVD	3.5 (2.1,5.5)	2.9 (1.6,4.6)	1.9 (1.1,3.2)	265 (170,406)	952 (506,1579)	49.4 (32.1,78.0)
	T2D	11.6 (6.9,17.7)	8.5 (4.9,13.4)	5.4 (2.6,9.3)	540 (351,796)	1077 (563,1763)	10.6 (-1.4,24.1)
Eritrea	CVD	5.9 (3.4,10.0)	5.2 (2.7,8.6)	3.5 (1.7,6.5)	105 (15.3,217)	132 (-753,799)	3.2 (-28.8,28.0)
	T2D	12.0 (7.3,17.1)	9.0 (4.8,13.5)	6.1 (2.4,10.6)	1079 (751,1439)	3777 (2468,5185)	68.3 (39.9,106)
Estonia	CVD	5.4 (2.2,9.2)	5.6 (2.0,9.9)	4.0 (1.0,7.3)	487 (270,764)	3585 (1910,5785)	104 (56.4,170)
	T2D	1.2 (0.5,2.1)	0.3 (-0.2,0.8)	0.1 (-0.4,0.3)	105 (80.3,155)	241 (191,367)	3.9 (3.1,6.3)
Ethiopia (excludes Eritrea)	CVD	0.3 (0.2,0.7)	0.0 (-0.3,0.2)	0.0 (-0.2,0.1)	63.8 (34.8,116)	-1386 (-2498,-1071)	-50.7 (-83.5,-38.6)
	T2D	11.8 (9.2,14.7)	8.1 (6.1,10.8)	4.6 (2.8,6.9)	204 (157,260)	-234 (-647,-28.9)	-13.6 (-26.8,-7.8)
Fiji	CVD	5.0 (3.4,7.2)	4.3 (2.7,6.1)	2.6 (1.3,4.1)	69.6 (13.0,122)	-229 (-706,-1.7)	-4.5 (-17.5,2.1)
	T2D	6.6 (4.5,9.4)	3.8 (2.6,5.8)	2.9 (2.0,4.7)	1149 (804,1600)	5158 (3679,7808)	122 (86.2,187)
Finland	CVD	2.4 (1.6,3.8)	3.0 (2.0,4.7)	2.2 (1.5,3.6)	190 (134,297)	2904 (1935,4557)	86.0 (59.9,135)
	T2D	-0.5 (-1.3,0.1)	-0.4 (-0.9,-0.1)	-0.2 (-0.4,-0.1)	103 (78.4,166)	146 (113,245)	-0.3 (-0.5,-0.1)
France	CVD	-0.9 (-1.7,-0.7)	-0.8 (-1.3,-0.6)	-0.6 (-1.0,-0.5)	-147 (-251,-117)	-1487 (-2319,-1233)	-49.7 (-77.6,-41.6)
	T2D	2.3 (1.7,3.3)	1.1 (0.9,1.7)	0.2 (0.0,0.4)	135 (113,187)	198 (166,275)	1.6 (1.3,2.4)
Gabon	CVD	0.1 (-0.2,0.4)	0.1 (-0.1,0.3)	0.0 (-0.1,0.1)	23.8 (4.4,51.2)	-358 (-554,-303)	-13.6 (-20.5,-11.7)
	T2D	-6.9 (-11.8,-2.0)	-6.8 (-12.1,-2.4)	-6.1 (-11.0,-2.0)	16.6 (-133,244)	-1688 (-2878,-670)	-65.8 (-107,-35.1)
Gambia, The	CVD	-4.4 (-8.3,-1.4)	-4.5 (-8.3,-1.6)	-3.9 (-7.4,-1.5)	-422 (-686,-239)	-3899 (-6022,-2318)	-147 (-231,-86.9)
	T2D	-27.7 (-33.9,-20.6)	-25.9 (-32.3,-18.8)	-22.8 (-30.1,-15.9)	-39.2 (-184,149)	-621 (-1096,-20.0)	-21.7 (-33.0,-7.4)
Georgia	CVD	-18.8 (-26.0,-13.0)	-16.8 (-23.7,-11.3)	-14.3 (-21.4,-9.1)	-663 (-946,-431)	-3915 (-5925,-2330)	-134 (-208,-77.5)
	T2D	6.4 (4.3,9.9)	3.4 (2.4,5.6)	2.4 (1.6,3.8)	247 (165,387)	560 (379,920)	8.7 (5.7,14.2)
Germany	CVD	1.9 (1.3,3.1)	1.7 (1.2,2.8)	1.2 (0.8,1.9)	260 (176,426)	1533 (1022,2545)	62.6 (41.0,97.9)
	T2D	1.6 (1.0,2.5)	0.9 (0.6,1.5)	-0.1 (-0.4,0.2)	223 (182,295)	249 (200,365)	-0.6 (-1.7,0.2)
Ghana	CVD	-0.1 (-0.3,0.1)	-0.3 (-0.5,-0.1)	-0.2 (-0.4,-0.1)	-90.4 (-142,-67.4)	-1567 (-2271,-1311)	-58.3 (-82.8,-49.3)
	T2D	8.7 (5.8,12.9)	6.1 (3.6,9.5)	4.4 (2.4,7.5)	613 (448,832)	2050 (1424,2857)	38.1 (25.6,58.4)
Greece	CVD	4.8 (3.0,7.4)	3.2 (1.7,5.3)	2.3 (1.1,4.1)	254 (162,400)	622 (27.9,1297)	21.5 (3.1,45.6)
	T2D	1.6 (1.0,2.5)	0.6 (0.2,1.2)	0.1 (-0.1,0.4)	106 (80.4,153)	250 (197,360)	1.2 (0.9,2.1)
Grenada	CVD	-0.1 (-0.3,0.1)	0.1 (-0.1,0.3)	-0.1 (-0.2,0.0)	-16.7 (-36.8,-4.9)	-498 (-738,-393)	-16.9 (-24.8,-13.2)
	T2D	-10.0 (-14.7,-5.0)	-6.2 (-10.0,-2.3)	-4.1 (-7.5,-1.0)	604 (259,1034)	-1079 (-2450,331)	-85.3 (-132,-45.5)
Guatemala	CVD	-3.0 (-6.0,-0.2)	-4.5 (-7.2,-1.7)	-2.8 (-5.2,-0.7)	-323 (-553,-120)	-6823 (-9168,-5063)	-275 (-389,-197)
	T2D	15.8 (12.6,19.7)	10.1 (7.8,13.4)	8.0 (6.2,10.7)	1285 (1024,1600)	4238 (3335,5411)	81.6 (63.2,105)
Guinea	CVD	6.5 (5.0,8.7)	6.0 (4.7,7.9)	3.8 (2.8,5.1)	252 (189,337)	897 (606,1255)	35.5 (26.2,49.3)
	T2D	5.0 (3.0,7.9)	3.6 (2.1,5.8)	2.4 (1.2,4.2)	167 (107,256)	516 (316,840)	8.9 (5.0,15.9)
Guinea-Bissau	CVD	1.9 (1.0,3.7)	1.7 (0.9,3.3)	1.2 (0.6,2.4)	69.1 (26.3,144)	532 (259,1050)	16.7 (7.8,34.8)
	T2D	26.9 (19.0,35.5)	21.5 (14.8,29.1)	16.7 (11.1,23.8)	888 (624,1185)	3088 (2107,4198)	56.0 (37.1,81.0)
Guyana	CVD	12.6 (8.4,18.2)	11.9 (7.9,17.5)	9.4 (6.0,14.1)	465 (306,681)	4502 (2921,6678)	135 (86.1,207)
	T2D	-8.9 (-11.2,-6.7)	-7.4 (-9.8,-5.4)	-6.4 (-8.8,-4.5)	807 (475,1284)	1580 (815,2804)	2.0 (-7.3,16.9)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Haiti	CVD	-4.9 (-6.8,-3.2)	-5.4 (-7.3,-3.7)	-4.1 (-5.8,-2.9)	-135 (-231,-37.6)	-5353 (-7374,-3715)	-162 (-233,-110)
	T2D	3.1 (1.7,5.2)	2.0 (1.0,3.5)	1.0 (0.3,2.4)	679 (467,1020)	1069 (689,1784)	7.2 (1.2,18.4)
	CVD	1.4 (0.5,2.9)	1.1 (0.1,2.4)	0.7 (0.2,1.8)	85.3 (32.1,172)	198 (-665,900)	5.1 (-18.5,30.8)
Honduras	T2D	12.1 (9.8,14.6)	7.5 (5.8,9.4)	4.7 (3.4,6.6)	1182 (959,1445)	2403 (1907,3010)	30.5 (23.0,40.6)
	CVD	5.1 (3.8,7.0)	3.5 (2.2,5.0)	3.0 (2.1,4.3)	308 (233,424)	2359 (1701,3213)	101 (75.8,140)
Hungary	T2D	-0.5 (-1.3,0.1)	-0.7 (-1.2,-0.5)	-0.8 (-1.4,-0.6)	77.8 (52.1,135)	140 (90.8,229)	1.2 (0.4,2.2)
	CVD	-0.5 (-0.9,-0.4)	-0.8 (-1.3,-0.6)	-0.6 (-0.8,-0.4)	-117 (-180,-85.6)	-2187 (-3100,-1683)	-62.6 (-85.6,-47.4)
Iceland	T2D	1.3 (0.0,2.8)	1.4 (0.7,2.4)	0.1 (-0.3,0.4)	276 (214,373)	356 (276,497)	0.3 (-0.1,0.7)
	CVD	0.3 (-0.3,0.9)	0.2 (-0.1,0.5)	-0.1 (-0.3,0.1)	-16.4 (-56.3,18.3)	-1184 (-1677,-976)	-45.2 (-66.7,-37.2)
India	T2D	0.1 (0.0,0.3)	0.0 (0.0,0.0)	0.0 (-0.1,0.0)	14.0 (8.1,37.6)	30.6 (17.9,67.0)	0.5 (0.3,0.9)
	CVD	0.0 (0.0,0.1)	0.0 (0.0,0.1)	0.0 (0.0,0.1)	7.5 (3.9,16.7)	46.6 (23.5,99.7)	1.8 (1.0,3.5)
Indonesia	T2D	1.0 (0.6,2.0)	0.7 (0.4,1.4)	0.5 (0.3,1.0)	75.8 (53.5,133)	156 (113,274)	2.5 (1.9,4.6)
	CVD	0.4 (0.3,0.8)	0.5 (0.2,0.9)	0.3 (0.2,0.6)	28.4 (20.1,50.8)	394 (269,721)	11.6 (8.3,20.3)
Iran, Islamic Rep.	T2D	0.3 (-0.6,1.5)	0.2 (-0.5,0.8)	-0.2 (-0.9,0.3)	310 (256,428)	510 (425,708)	6.1 (4.9,8.9)
	CVD	0.1 (-0.7,0.8)	-0.3 (-0.9,0.1)	-0.5 (-1.1,-0.2)	76.2 (-10.4,182)	-1057 (-1663,-817)	-25.4 (-45.2,-18.3)
Iraq	T2D	-2.9 (-4.8,-1.2)	-1.4 (-2.7,-0.2)	-1.7 (-3.2,-0.8)	971 (620,1531)	1002 (613,1648)	-2.9 (-8.5,2.6)
	CVD	-1.0 (-2.1,0.0)	-1.7 (-2.8,-0.9)	-1.2 (-2.1,-0.7)	-107 (-264,35.5)	-2367 (-3723,-1488)	-75.7 (-124,-45.1)
Ireland	T2D	-1.0 (-1.7,-0.3)	0.3 (-0.2,0.9)	-1.0 (-1.7,-0.8)	124 (91.6,169)	41.2 (8.3,87.0)	-4.4 (-6.6,-3.4)
	CVD	0.0 (-0.4,0.4)	-0.7 (-1.1,-0.5)	-0.8 (-1.3,-0.6)	-138 (-213,-103)	-3103 (-4369,-2445)	-121 (-173,-95.8)
Israel	T2D	-3.8 (-5.2,-2.3)	-3.6 (-5.1,-2.8)	-4.0 (-6.0,-3.3)	154 (98.7,270)	-144 (-267,-4.9)	-9.9 (-16.4,-7.6)
	CVD	-1.9 (-2.8,-1.1)	-3.4 (-4.7,-2.8)	-3.1 (-4.5,-2.6)	-285 (-377,-221)	-5115 (-6603,-4236)	-222 (-297,-182)
Italy	T2D	0.1 (-0.4,0.7)	0.1 (-0.2,0.2)	-0.4 (-0.6,-0.3)	51.8 (37.0,96.1)	35.6 (13.5,64.7)	-1.9 (-3.1,-1.5)
	CVD	0.1 (-0.1,0.3)	-0.4 (-0.6,-0.3)	-0.3 (-0.5,-0.2)	-17.6 (-34.6,-3.1)	-518 (-752,-444)	-17.4 (-25.8,-14.8)
Jamaica	T2D	-2.1 (-3.5,-0.5)	-1.9 (-3.2,-0.9)	-3.3 (-4.5,-2.4)	628 (461,848)	474 (135,868)	-18.2 (-29.3,-10.1)
	CVD	-1.4 (-2.4,-0.4)	-1.1 (-1.7,-0.6)	-1.2 (-1.7,-0.7)	4.7 (-67.0,96.6)	-952 (-1299,-715)	-43.3 (-59.2,-32.0)
Japan	T2D	-1.4 (-2.4,-0.8)	-1.2 (-1.8,-0.8)	-1.0 (-1.7,-0.8)	35.9 (10.4,85.7)	99.3 (61.9,202)	-1.9 (-2.8,-1.6)
	CVD	-0.7 (-1.1,-0.5)	-0.6 (-0.9,-0.5)	-0.4 (-0.6,-0.3)	3.1 (-7.3,12.8)	-308 (-419,-254)	-9.5 (-12.9,-7.6)
Jordan	T2D	5.6 (3.5,8.6)	4.5 (3.0,6.8)	2.2 (0.9,4.3)	2117 (1580,2815)	2215 (1631,3064)	3.7 (-2.8,11.7)
	CVD	3.0 (1.7,5.1)	1.7 (0.7,3.2)	1.4 (0.6,2.6)	628 (410,1011)	-1643 (-2335,-1108)	-46.6 (-66.2,-30.0)
Kazakhstan	T2D	2.4 (1.1,4.5)	1.6 (0.9,2.9)	0.8 (0.4,1.7)	182 (113,298)	260 (168,434)	1.4 (0.9,2.6)
	CVD	0.8 (0.5,1.5)	0.4 (0.1,1.0)	0.4 (0.2,0.8)	76.8 (42.4,150)	92.6 (-228,492)	9.0 (-0.6,25.1)
Kenya	T2D	-1.5 (-2.8,-0.8)	-1.4 (-2.6,-0.7)	-1.0 (-2.0,-0.5)	-4.3 (-14.4,4.5)	-27.2 (-69.1,25.1)	-1.0 (-2.2,0.2)
	CVD	-0.8 (-1.7,-0.3)	-0.5 (-1.3,-0.2)	-0.4 (-0.8,-0.1)	-33.5 (-74.9,-14.7)	-20.6 (-84.4,37.0)	-0.7 (-2.3,0.9)
Kiribati	T2D	3.9 (2.3,6.2)	2.1 (1.3,3.7)	1.5 (0.9,2.7)	560 (350,898)	1770 (1119,3066)	32.5 (19.8,58.3)
	CVD	1.1 (0.7,1.9)	1.6 (1.0,3.1)	1.2 (0.8,2.3)	58.8 (35.3,102)	1262 (784,2355)	30.6 (19.0,58.3)
Korea, Rep.	T2D	-0.5 (-1.6,-0.2)	-0.2 (-0.7,-0.1)	-0.5 (-1.0,-0.4)	119 (100,196)	147 (121,240)	-0.8 (-1.8,-0.5)
	CVD	-0.1 (-0.2,0.0)	-0.2 (-0.5,-0.1)	-0.1 (-0.3,-0.1)	-6.4 (-12.1,-3.8)	-118 (-210,-98.0)	-2.5 (-4.5,-2.0)
Kuwait	T2D	22.1 (16.0,28.8)	18.6 (13.5,24.9)	11.0 (7.5,16.2)	3926 (2795,5293)	4719 (3358,6492)	26.0 (17.6,38.9)
	CVD	13.3 (9.2,19.0)	13.5 (9.3,19.2)	10.2 (6.9,14.8)	1750 (1199,2495)	4048 (2797,5906)	115 (77.7,170)
Kyrgyz Republic	T2D	4.3 (1.3,7.8)	2.8 (1.0,5.3)	1.9 (0.3,4.2)	297 (197,425)	419 (274,653)	3.0 (1.7,5.4)
	CVD	1.4 (0.5,2.8)	1.0 (0.1,2.4)	0.9 (0.2,1.9)	67.4 (-18.2,172)	-127 (-946,747)	3.0 (-24.5,34.7)
Lao PDR	T2D	2.5 (1.8,4.2)	1.7 (1.2,3.0)	1.2 (0.9,2.2)	142 (105,229)	267 (197,476)	3.8 (2.7,7.2)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Latvia	CVD	0.9 (0.7,1.5)	1.3 (0.9,2.2)	0.8 (0.6,1.3)	31.3 (23.0,53.1)	495 (252,959)	13.1 (7.6,23.5)
	T2D	0.0 (-0.6,0.4)	-0.2 (-0.7,-0.1)	-0.3 (-0.7,-0.2)	71.0 (53.5,111)	196 (153,304)	3.6 (2.8,5.2)
Lebanon	CVD	-0.1 (-0.3,0.0)	-0.3 (-0.7,-0.2)	-0.2 (-0.4,-0.2)	3.6 (-14.3,17.2)	-868 (-1538,-677)	-24.3 (-43.1,-18.9)
	T2D	2.6 (1.4,4.6)	0.3 (-0.8,1.3)	-1.9 (-3.4,-0.9)	569 (427,766)	254 (-13.9,560)	-16.9 (-26.7,-10.7)
Lesotho	CVD	-0.5 (-1.8,0.5)	-1.9 (-3.4,-1.2)	-2.2 (-3.5,-1.5)	-349 (-642,-151)	-7250 (-9839,-5817)	-227 (-316,-183)
	T2D	16.2 (11.3,22.1)	12.6 (8.4,18.3)	11.1 (6.9,16.6)	727 (521,961)	4155 (2852,5770)	118 (74.4,174)
Liberia	CVD	8.9 (5.8,13.7)	8.8 (5.6,13.5)	7.1 (4.5,11.2)	294 (175,480)	3044 (1964,4605)	100 (63.5,158)
	T2D	21.2 (15.2,28.1)	17.2 (12.1,23.4)	12.4 (8.3,18.0)	819 (583,1105)	2377 (1672,3255)	35.8 (23.7,52.4)
Libya	CVD	10.2 (6.6,15.2)	9.1 (6.0,13.6)	6.6 (4.2,10.5)	328 (204,512)	2112 (1358,3310)	61.0 (37.7,98.0)
	T2D	2.5 (-1.0,7.4)	2.5 (-0.2,6.1)	1.9 (-0.7,5.0)	1265 (858,1905)	1877 (1295,2891)	17.6 (11.3,28.7)
Lithuania	CVD	1.7 (-0.3,4.9)	1.4 (-0.4,3.9)	1.3 (-0.2,3.3)	431 (194,832)	2358 (1287,4146)	70.4 (36.6,131)
	T2D	1.1 (0.4,1.9)	0.4 (0.0,1.0)	0.2 (-0.1,0.6)	81.7 (61.3,121)	213 (164,353)	3.6 (2.8,5.8)
Luxembourg	CVD	0.1 (0.0,0.3)	0.0 (-0.3,0.2)	0.0 (-0.1,0.2)	53.5 (29.7,97.5)	-109 (-576,118)	6.8 (-5.6,17.6)
	T2D	2.7 (1.7,4.1)	2.1 (1.4,3.2)	-0.1 (-0.5,0.2)	227 (165,325)	241 (171,357)	-1.8 (-2.9,-1.2)
Macedonia, FYR	CVD	0.9 (0.5,1.8)	0.1 (-0.2,0.3)	-0.1 (-0.3,0.1)	-2.4 (-23.5,19.9)	-1501 (-2237,-1102)	-57.7 (-82.8,-42.1)
	T2D	12.4 (9.3,16.6)	7.5 (5.5,10.3)	5.3 (3.8,7.9)	1002 (757,1356)	2008 (1495,2766)	34.4 (25.3,51.0)
Madagascar	CVD	4.9 (3.6,6.7)	3.7 (2.7,5.2)	2.8 (2.1,4.1)	550 (404,762)	4055 (2996,5689)	178 (131,260)
	T2D	2.8 (-0.6,6.4)	1.5 (-1.6,4.6)	1.0 (-1.6,3.7)	120 (64.8,190)	33.3 (-256,307)	-6.3 (-15.3,-0.2)
Malawi	CVD	0.9 (-1.6,3.4)	1.1 (-1.2,3.8)	1.1 (-0.9,3.2)	-32.7 (-164,61.9)	-88.5 (-909,715)	-7.4 (-36.7,12.3)
	T2D	-4.2 (-6.9,-2.6)	-3.8 (-6.6,-2.4)	-3.1 (-5.7,-1.9)	-38.0 (-66.1,-20.8)	-364 (-623,-219)	-10.4 (-18.4,-6.4)
Malaysia	CVD	-2.4 (-4.4,-1.5)	-2.3 (-4.1,-1.4)	-1.8 (-3.3,-1.1)	-97.0 (-182,-57.4)	-463 (-845,-268)	-14.0 (-26.9,-8.4)
	T2D	-0.3 (-1.2,0.7)	0.2 (-0.5,0.9)	0.2 (-0.3,0.9)	140 (95.8,226)	136 (76.9,272)	-0.7 (-2.0,0.5)
Maldives	CVD	0.1 (-0.1,0.7)	0.1 (-0.3,0.9)	0.1 (-0.2,0.7)	26.3 (15.4,64.9)	-14.5 (-209,352)	-0.2 (-5.8,10.1)
	T2D	-13.3 (-17.5,-9.0)	-12.1 (-16.7,-7.7)	-12.5 (-17.2,-7.7)	-149 (-221,-68.4)	-1635 (-2255,-1015)	-46.6 (-66.4,-27.6)
Mali	CVD	-4.9 (-8.0,-2.9)	-6.7 (-10.2,-4.0)	-6.5 (-9.9,-3.9)	-188 (-305,-114)	-5268 (-8007,-3194)	-150 (-229,-88.9)
	T2D	1.9 (-0.6,5.3)	1.3 (-0.5,3.8)	0.6 (-0.9,2.6)	246 (125,498)	485 (188,1034)	3.8 (-0.8,11.5)
Malta	CVD	0.7 (-0.6,2.5)	0.5 (-0.8,1.9)	0.3 (-0.6,1.3)	13.8 (-48.6,93.1)	51.7 (-345,393)	1.2 (-9.2,11.2)
	T2D	9.1 (6.9,12.1)	5.3 (3.9,7.4)	1.9 (1.2,3.0)	768 (590,1017)	1134 (856,1557)	6.0 (3.4,10.0)
Marshall Islands	CVD	2.1 (1.3,3.5)	1.9 (1.3,2.9)	1.0 (0.6,1.6)	93.9 (58.2,159)	-964 (-1866,-642)	-28.5 (-68.1,-17.3)
	T2D	8.4 (5.3,13.3)	4.5 (2.9,7.7)	3.3 (2.1,6.1)	1351 (920,2022)	3837 (2645,6190)	59.5 (39.3,105)
Mauritania	CVD	2.4 (1.6,4.0)	3.5 (2.1,5.9)	2.8 (1.9,4.8)	109 (72.8,172)	3113 (2063,5169)	78.1 (53.2,131)
	T2D	20.9 (15.0,27.5)	15.1 (10.3,21.1)	10.6 (6.7,15.7)	451 (320,605)	1393 (942,1941)	29.1 (18.0,45.4)
Mauritius	CVD	10.8 (7.0,16.1)	8.5 (5.5,12.9)	6.4 (4.0,10.0)	382 (241,572)	1497 (905,2398)	57.0 (32.2,94.4)
	T2D	-13.1 (-15.0,-10.3)	-12.2 (-13.4,-10.3)	-13.0 (-14.4,-11.3)	2968 (2243,3801)	13597 (9878,18497)	340 (239,479)
Mexico	CVD	-6.8 (-8.4,-5.4)	-7.7 (-8.8,-6.6)	-8.1 (-9.4,-6.4)	-91.4 (-191,35.6)	-14146 (-16848,-11306)	-459 (-564,-344)
	T2D	-2.2 (-3.6,-0.7)	-1.9 (-2.7,-1.1)	-1.5 (-2.1,-0.8)	320 (176,513)	1586 (1197,2158)	29.8 (22.6,42.6)
Micronesia, Fed. Sts.	CVD	-1.5 (-2.6,-0.3)	-0.4 (-0.9,0.2)	-0.4 (-0.7,0.1)	70.6 (-2.4,162)	1003 (784,1396)	37.3 (29.7,51.5)
	T2D	7.7 (4.8,11.4)	4.4 (2.9,7.1)	3.3 (2.1,5.5)	849 (575,1231)	2374 (1613,3745)	40.2 (26.6,66.7)
	CVD	2.4 (1.6,4.2)	3.4 (2.1,5.7)	2.6 (1.7,4.5)	107 (67.0,184)	2621 (1528,4547)	67.7 (42.8,121)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Moldova	T2D	-1.8 (-3.6,-0.5)	-1.2 (-2.6,-0.5)	-1.0 (-2.4,-0.4)	9.3 (-25.5,59.6)	24.0 (-48.8,115)	-0.1 (-1.2,1.0)
	CVD	-0.7 (-1.3,-0.3)	-0.7 (-1.4,-0.3)	-0.5 (-1.0,-0.2)	-59.3 (-121,-20.1)	-898 (-1743,-485)	-33.0 (-62.9,-17.1)
Mongolia	T2D	-0.3 (-1.4,1.3)	0.6 (-0.1,1.9)	0.6 (0.0,1.9)	214 (144,316)	365 (249,560)	2.7 (1.8,4.9)
	CVD	0.4 (0.0,1.2)	0.3 (-0.2,1.3)	0.2 (-0.1,0.9)	6.2 (-31.0,63.0)	-653 (-1111,-314)	-28.4 (-47.3,-16.8)
Montenegro	T2D	1.8 (0.8,4.4)	1.0 (0.4,2.5)	0.6 (0.2,1.7)	170 (71.4,407)	345 (142,833)	5.2 (2.2,13.3)
	CVD	0.6 (0.2,1.8)	0.3 (-0.1,1.0)	0.3 (0.1,0.9)	93.8 (39.7,241)	754 (307,2026)	40.0 (17.0,101)
Morocco	T2D	2.8 (1.4,4.7)	2.1 (1.2,3.7)	1.4 (0.7,2.7)	1154 (794,1668)	1921 (1318,2849)	16.9 (11.4,27.3)
	CVD	1.2 (0.5,2.4)	0.4 (-0.4,1.3)	0.5 (0.0,1.2)	369 (228,639)	325 (-438,1368)	37.4 (12.7,75.3)
Mozambique	T2D	4.4 (2.5,7.4)	3.2 (1.8,5.8)	2.4 (1.3,4.5)	110 (62.6,183)	457 (253,808)	8.0 (4.0,15.2)
	CVD	1.6 (0.8,3.1)	1.5 (0.8,2.9)	1.1 (0.6,2.1)	26.2 (-5.6,69.1)	301 (145,590)	8.2 (4.1,17.0)
Myanmar	T2D	7.1 (5.0,10.4)	4.8 (3.4,7.5)	3.5 (2.4,5.6)	522 (364,772)	1317 (928,2066)	24.3 (17.0,39.2)
	CVD	2.7 (1.9,4.2)	3.1 (2.1,4.8)	2.1 (1.4,3.2)	119 (82.2,188)	1508 (1005,2386)	46.5 (32.3,75.7)
Namibia	T2D	6.0 (3.3,9.2)	2.9 (0.3,5.8)	1.2 (-1.2,3.7)	538 (393,699)	1621 (970,2380)	32.2 (13.7,58.2)
	CVD	2.2 (0.1,4.3)	2.2 (0.2,4.3)	0.9 (-0.8,2.5)	22.9 (-119,141)	353 (-478,1116)	13.3 (-12.1,39.4)
Nepal	T2D	4.8 (2.4,9.0)	3.0 (1.5,6.1)	1.9 (0.9,4.2)	236 (120,449)	539 (270,1092)	7.9 (3.8,17.3)
	CVD	1.8 (0.9,3.9)	1.8 (0.9,3.9)	1.4 (0.6,3.1)	131 (63.4,289)	850 (407,1820)	28.5 (13.5,64.3)
Netherlands	T2D	-10.5 (-13.5,-8.3)	-5.5 (-7.5,-4.4)	-3.5 (-4.8,-2.9)	-196 (-256,-131)	-461 (-634,-354)	-11.4 (-16.0,-9.8)
	CVD	-3.9 (-5.4,-3.1)	-3.9 (-5.4,-3.4)	-2.8 (-3.8,-2.3)	-299 (-418,-250)	-2599 (-3521,-2230)	-98.1 (-134,-85.8)
New Zealand	T2D	1.9 (1.0,3.1)	1.4 (1.1,2.3)	0.6 (0.3,1.0)	142 (109,219)	204 (158,329)	0.9 (0.5,1.7)
	CVD	0.7 (0.5,1.2)	0.4 (0.3,0.8)	0.2 (0.1,0.4)	17.3 (-2.9,47.1)	-403 (-698,-309)	-14.2 (-22.8,-10.9)
Nicaragua	T2D	18.6 (13.7,24.2)	13.6 (9.6,18.0)	10.4 (7.1,14.5)	1463 (1123,1842)	3296 (2460,4228)	45.0 (32.6,60.8)
	CVD	9.0 (6.2,12.5)	8.6 (6.0,11.6)	6.3 (4.2,8.7)	443 (313,618)	1919 (1346,2592)	69.4 (48.0,97.7)
Niger	T2D	-6.4 (-10.7,-3.9)	-5.0 (-8.7,-3.0)	-3.7 (-6.6,-2.2)	-95.3 (-160,-55.5)	-291 (-504,-171)	-5.2 (-9.4,-3.1)
	CVD	-2.9 (-5.5,-1.7)	-2.5 (-4.5,-1.4)	-1.9 (-3.6,-1.1)	-104 (-201,-60.2)	-431 (-784,-247)	-13.6 (-26.2,-7.7)
Nigeria	T2D	13.9 (9.5,19.7)	10.6 (7.0,15.4)	7.4 (4.6,11.6)	362 (247,515)	1082 (711,1601)	20.7 (12.7,32.4)
	CVD	6.9 (4.5,10.6)	5.9 (3.8,9.2)	4.3 (2.7,6.9)	291 (188,464)	1528 (973,2424)	49.4 (30.3,80.4)
Norway	T2D	0.7 (-0.1,2.0)	0.6 (0.2,1.3)	-0.1 (-0.3,0.0)	68.8 (43.4,125)	89.3 (56.3,160)	-0.4 (-1.0,-0.3)
	CVD	0.3 (0.1,0.9)	-0.2 (-0.5,-0.1)	-0.2 (-0.5,-0.2)	-51.7 (-84.7,-24.8)	-1582 (-2522,-1313)	-65.2 (-97.9,-54.9)
Oman	T2D	8.9 (5.9,14.1)	7.1 (4.6,11.3)	4.6 (2.9,8.0)	439 (287,710)	563 (363,918)	5.8 (3.1,11.1)
	CVD	5.1 (3.3,8.4)	4.4 (2.9,7.1)	3.2 (2.0,5.3)	219 (127,390)	-329 (-940,-27.8)	-11.7 (-31.3,-2.1)
Pakistan	T2D	-0.4 (-1.3,0.5)	-0.1 (-0.8,0.6)	-0.3 (-1.1,0.4)	398 (242,638)	739 (412,1207)	7.0 (3.6,13.1)
	CVD	1.0 (0.3,2.3)	1.3 (0.5,2.4)	0.9 (0.4,1.7)	52.3 (-16.7,146)	977 (518,1731)	21.1 (9.7,38.4)
Palestine	T2D	4.3 (2.7,6.5)	3.4 (2.2,4.9)	2.2 (1.4,3.4)	646 (440,930)	748 (501,1103)	3.6 (1.1,7.6)
	CVD	2.3 (1.4,3.7)	2.0 (1.3,3.1)	1.6 (1.0,2.4)	159 (76.7,299)	-813 (-1472,-495)	-36.0 (-60.0,-22.1)
Panama	T2D	5.2 (0.1,10.1)	3.1 (-0.8,7.1)	1.9 (-1.2,5.2)	1102 (805,1440)	2932 (2115,3989)	44.4 (31.0,62.4)
	CVD	2.4 (-0.4,5.5)	2.1 (-0.4,4.6)	1.0 (-0.8,3.0)	296 (144,488)	-193 (-878,412)	-5.8 (-33.6,20.3)
Papua New Guinea	T2D	-3.7 (-7.1,-2.4)	-2.0 (-4.0,-1.4)	-1.4 (-2.9,-1.0)	-125 (-236,-79.0)	-478 (-926,-321)	-9.6 (-18.7,-6.6)
	CVD	-1.1 (-2.2,-0.8)	-1.4 (-3.0,-0.9)	-1.1 (-2.3,-0.7)	-33.2 (-62.9,-22.2)	-506 (-1076,-332)	-12.8 (-26.1,-8.6)
Paraguay	T2D	5.5 (1.7,10.2)	3.2 (0.7,6.9)	2.8 (0.7,5.8)	763 (532,1095)	2503 (1725,3675)	57.7 (38.4,86.5)
	CVD	2.9 (0.9,5.5)	2.5 (0.7,4.9)	1.9 (0.6,3.8)	112 (50.9,206)	590 (25.5,1368)	24.1 (3.7,53.9)
Peru	T2D	-2.6 (-4.0,-1.4)	-1.9 (-3.1,-1.0)	-1.7 (-2.7,-0.9)	253 (171,383)	568 (378,898)	9.6 (6.0,16.2)
	CVD	-0.2 (-0.9,0.6)	-1.8 (-2.7,-1.1)	-1.3 (-2.0,-0.8)	50.3 (15.8,113)	-736 (-1094,-478)	-19.1 (-29.3,-12.0)
Philippines	T2D	-1.0 (-1.7,-0.4)	-1.5 (-2.1,-1.1)	-0.8 (-1.1,-0.6)	67.2 (46.6,106)	214 (158,349)	6.2 (5.0,9.3)
	CVD	-0.5 (-0.8,-0.2)	-1.2 (-1.7,-0.9)	-0.6 (-0.8,-0.4)	8.6 (0.1,22.4)	-196 (-349,-40.9)	0.3 (-2.3,5.1)
Poland	T2D	-0.1 (-0.8,0.3)	-0.2 (-0.5,-0.1)	-0.4 (-0.8,-0.3)	56.0 (41.8,95.8)	98.9 (76.1,170)	0.6 (0.1,1.1)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Portugal	CVD	-0.2 (-0.3,-0.1)	-0.5 (-1.0,-0.4)	-0.4 (-0.6,-0.3)	-51.1 (-82.8,-38.6)	-1365 (-2225,-1164)	-41.2 (-62.6,-34.8)
	T2D	0.2 (-0.4,1.1)	0.0 (-0.5,0.4)	-1.0 (-1.7,-0.8)	250 (208,350)	240 (184,357)	-3.2 (-6.4,-2.6)
Qatar	CVD	-0.1 (-0.3,0.2)	-0.1 (-0.2,0.2)	-0.2 (-0.3,-0.1)	-61.6 (-90.6,-50.0)	-1122 (-1512,-976)	-43.7 (-61.2,-37.6)
	T2D	2.3 (0.9,5.0)	3.1 (1.8,5.3)	1.5 (0.7,3.4)	1196 (770,1877)	972 (620,1588)	-0.5 (-3.4,2.5)
Romania	CVD	1.5 (0.5,3.9)	1.5 (0.6,3.6)	1.3 (0.6,2.9)	133 (28.1,314)	-1761 (-2750,-1120)	-51.1 (-81.8,-32.8)
	T2D	0.2 (-0.5,1.1)	-0.5 (-1.2,0.0)	-0.9 (-1.7,-0.5)	129 (94.2,183)	231 (167,321)	1.3 (0.6,2.5)
Russian Federation	CVD	-0.3 (-0.7,-0.1)	-0.6 (-0.9,-0.4)	-0.5 (-0.8,-0.3)	4.7 (-35.6,37.7)	-988 (-1482,-739)	-18.6 (-35.7,-10.1)
	T2D	3.5 (2.6,5.3)	1.7 (1.3,2.8)	1.0 (0.7,1.7)	189 (145,276)	421 (330,636)	7.8 (6.1,11.8)
Rwanda	CVD	1.3 (1.0,2.0)	1.2 (0.9,1.8)	0.8 (0.6,1.2)	274 (213,414)	1137 (824,1874)	49.7 (37.4,78.0)
	T2D	62.4 (56.7,67.5)	57.8 (51.4,63.3)	51.0 (43.4,57.2)	1006 (910,1095)	5626 (4890,6374)	155 (130,182)
Samoa	CVD	44.3 (37.5,51.0)	41.0 (34.3,47.4)	34.5 (27.4,41.6)	1512 (1240,1805)	7105 (5655,8556)	249 (193,315)
	T2D	17.0 (12.0,23.1)	9.1 (6.2,13.3)	5.8 (3.8,8.8)	2129 (1489,2980)	5265 (3557,7915)	78.9 (51.2,121)
Sao Tome and Principe	CVD	4.5 (3.0,6.9)	6.2 (4.1,9.3)	4.3 (2.8,6.8)	312 (197,483)	5410 (3564,8268)	152 (98.6,237)
	T2D	7.9 (4.3,12.9)	6.6 (3.6,10.6)	3.9 (1.9,7.5)	417 (265,623)	894 (554,1369)	6.8 (3.6,12.8)
Saudi Arabia	CVD	3.9 (1.9,7.0)	3.5 (1.7,6.2)	2.5 (1.3,4.7)	165 (57.6,333)	1143 (523,2075)	32.6 (15.0,65.2)
	T2D	9.0 (4.7,15.4)	8.8 (5.1,14.0)	7.3 (4.1,12.0)	1446 (967,2146)	2026 (1344,3055)	18.1 (11.2,28.4)
Senegal	CVD	6.2 (3.4,10.6)	6.7 (3.7,11.1)	6.1 (3.6,10.0)	677 (389,1109)	3554 (2000,6008)	76.3 (37.6,136)
	T2D	16.7 (11.0,22.0)	13.2 (8.1,18.2)	9.8 (5.0,15.1)	1305 (977,1612)	3434 (2497,4477)	55.8 (36.9,80.4)
Serbia	CVD	10.0 (5.8,14.6)	7.9 (4.1,12.1)	6.1 (2.9,10.2)	356 (162,587)	1881 (513,3467)	76.5 (21.0,139)
	T2D	-1.5 (-3.0,-0.6)	-1.1 (-2.5,-0.5)	-0.9 (-2.0,-0.4)	-0.5 (-24.5,45.9)	13.5 (-45.8,88.5)	0.2 (-1.1,1.3)
Seychelles	CVD	-0.9 (-1.9,-0.4)	-0.8 (-1.6,-0.4)	-0.5 (-1.1,-0.2)	-58.9 (-126,-24.4)	-948 (-1957,-439)	-27.3 (-57.6,-12.5)
	T2D	2.4 (1.1,4.3)	2.4 (1.3,3.8)	1.6 (0.4,2.9)	1876 (1472,2417)	3201 (2525,4156)	21.6 (15.6,30.1)
Sierra Leone	CVD	2.0 (1.2,3.1)	1.8 (1.1,2.9)	1.4 (0.8,2.1)	88.8 (38.5,166)	-1888 (-2763,-1229)	-75.1 (-113,-50.4)
	T2D	20.7 (14.9,27.3)	16.3 (11.2,22.0)	11.7 (7.7,17.0)	770 (543,1025)	2127 (1479,2909)	33.1 (21.8,48.4)
Singapore	CVD	9.7 (6.2,14.5)	8.8 (5.8,13.1)	6.7 (4.3,10.6)	410 (254,623)	3140 (1982,4813)	100 (61.9,164)
	T2D	-0.9 (-2.7,0.2)	0.4 (-0.1,1.4)	-0.5 (-1.2,-0.3)	104 (48.7,204)	132 (66.1,282)	-4.5 (-7.4,-3.6)
Slovak Republic	CVD	0.0 (-0.3,0.4)	-0.2 (-0.5,0.1)	-0.2 (-0.4,-0.1)	9.0 (-2.5,34.6)	-857 (-1357,-669)	-24.0 (-38.8,-19.0)
	T2D	2.4 (1.1,3.9)	1.4 (0.7,2.4)	0.7 (0.2,1.5)	184 (134,260)	280 (198,418)	1.1 (0.0,2.6)
Slovenia	CVD	0.6 (0.2,1.2)	0.1 (-0.3,0.6)	0.1 (-0.2,0.5)	28.5 (-16.7,80.1)	-1324 (-2276,-890)	-32.5 (-62.3,-16.3)
	T2D	2.2 (1.4,3.4)	1.0 (0.5,1.8)	0.2 (-0.3,0.7)	145 (105,209)	277 (200,429)	2.6 (1.6,4.5)
Solomon Islands	CVD	0.7 (0.4,1.3)	0.0 (-0.4,0.3)	0.0 (-0.3,0.2)	79.5 (47.5,139)	-578 (-1007,-413)	-16.6 (-30.7,-11.0)
	T2D	-2.9 (-4.7,-1.3)	-1.2 (-2.7,-0.2)	-1.1 (-2.4,-0.2)	276 (148,475)	619 (207,1363)	5.7 (-2.7,19.8)
South Africa	CVD	-1.0 (-2.1,-0.4)	-1.0 (-2.3,-0.1)	-0.9 (-2.1,-0.3)	-31.9 (-80.3,2.6)	-977 (-2218,-235)	-28.4 (-63.5,-10.4)
	T2D	-4.2 (-5.9,-2.1)	-5.4 (-6.7,-4.1)	-4.1 (-5.0,-3.0)	476 (347,666)	1810 (1243,2642)	50.6 (34.2,74.8)
Spain	CVD	-2.5 (-3.6,-1.3)	-5.4 (-6.9,-4.2)	-3.6 (-4.5,-2.8)	-202 (-304,-111)	-1432 (-1845,-1045)	-23.0 (-32.2,-13.2)
	T2D	2.1 (1.5,3.2)	1.5 (1.1,2.2)	-0.3 (-0.7,-0.2)	251 (196,348)	298 (227,424)	-3.2 (-5.2,-2.5)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % ^g			Difference in absolute burden per 1M adults (1990-2020) ^{g,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Sri Lanka	CVD	0.9 (0.6,1.6)	0.3 (0.1,0.6)	0.1 (0.0,0.2)	4.1 (-14.9,27.7)	-609 (-886,-487)	-22.6 (-33.0,-18.0)
	T2D	9.2 (6.9,12.2)	7.1 (4.9,10.2)	5.7 (3.7,8.5)	1615 (1204,2119)	3951 (2824,5467)	66.6 (43.5,98.1)
St. Lucia	CVD	4.7 (3.2,6.9)	4.6 (3.2,6.6)	3.6 (2.3,5.4)	361 (247,523)	2477 (1715,3605)	97.2 (62.3,148)
	T2D	2.7 (-2.2,7.9)	2.3 (-1.2,6.0)	0.5 (-2.5,3.1)	1244 (829,1822)	1784 (489,3279)	-16.4 (-50.2,8.1)
St. Vincent and the Grenadines	CVD	1.0 (-1.7,3.6)	0.1 (-2.2,2.1)	-0.2 (-2.0,1.2)	300 (105,546)	-2043 (-3259,-1198)	-77.8 (-130,-43.5)
	T2D	36.1 (30.4,41.1)	31.4 (26.2,36.2)	25.5 (21.1,30.4)	4736 (4148,5334)	16666 (13956,19141)	306 (250,363)
	CVD	22.9 (18.8,27.2)	19.2 (15.6,23.0)	14.9 (11.8,18.5)	2016 (1653,2424)	7013 (5436,8626)	316 (245,401)
Sudan	T2D	3.3 (1.9,5.1)	2.9 (1.6,4.5)	1.0 (0.0,2.2)	733 (473,1074)	849 (536,1259)	4.4 (2.3,7.9)
	CVD	1.3 (0.4,2.6)	0.8 (-0.3,1.9)	0.2 (-0.7,0.9)	-115 (-325,16.7)	-3828 (-6437,-2082)	-121 (-205,-70.0)
Suriname	T2D	13.3 (9.7,16.9)	9.8 (6.8,13.3)	7.5 (5.1,10.5)	2381 (1697,3191)	6521 (4486,9137)	89.5 (60.9,129)
	CVD	6.3 (4.1,8.8)	5.7 (3.8,8.1)	4.3 (2.9,6.2)	707 (472,1024)	2340 (1498,3393)	87.0 (56.3,127)
Swaziland	T2D	6.0 (3.9,8.3)	4.8 (3.2,6.8)	4.3 (2.7,6.2)	867 (615,1193)	4219 (2852,6045)	106 (68.8,158)
	CVD	3.0 (1.6,4.9)	4.1 (2.5,6.4)	3.4 (2.0,5.1)	194 (113,296)	2361 (1494,3586)	69.0 (41.7,108)
Sweden	T2D	-0.8 (-1.7,0.1)	-0.6 (-1.0,-0.3)	-0.7 (-1.0,-0.5)	78.6 (52.6,141)	60.9 (28.9,126)	-1.1 (-1.7,-0.7)
	CVD	-0.5 (-0.7,-0.3)	-0.7 (-1.0,-0.5)	-0.5 (-0.8,-0.5)	-71.8 (-102,-56.5)	-1578 (-2191,-1347)	-69.6 (-96.2,-59.8)
Switzerland	T2D	0.5 (-0.2,1.4)	1.0 (0.6,1.5)	-0.4 (-0.7,-0.3)	257 (203,351)	252 (192,359)	-4.1 (-6.0,-3.4)
	CVD	-0.1 (-0.4,0.1)	-0.7 (-1.1,-0.5)	-0.5 (-0.8,-0.4)	-53.6 (-87.5,-38.0)	-1382 (-1943,-1090)	-52.8 (-74.3,-42.8)
Syrian Arab Republic	T2D	1.7 (0.5,3.5)	1.7 (1.0,3.0)	1.4 (0.8,2.8)	372 (259,549)	587 (420,895)	4.6 (3.0,8.1)
Taiwan	CVD	1.5 (0.9,2.7)	0.7 (0.0,1.7)	0.9 (0.5,1.9)	313 (209,547)	168 (-573,1098)	32.8 (13.7,72.5)
	T2D	-4.7 (-6.0,-3.4)	-2.0 (-2.8,-1.5)	-2.1 (-3.2,-1.6)	197 (141,296)	210 (123,397)	-3.1 (-6.0,-1.1)
Tajikistan	CVD	-1.6 (-2.2,-1.1)	-1.0 (-1.4,-0.5)	-0.9 (-1.2,-0.6)	26.3 (-4.2,76.3)	-459 (-600,-343)	-13.7 (-18.7,-10.5)
	T2D	9.5 (6.2,14.2)	6.3 (4.2,9.7)	4.7 (3.0,7.9)	365 (246,534)	601 (407,940)	7.0 (4.5,12.2)
Tanzania	CVD	3.3 (2.2,5.2)	3.4 (2.3,5.3)	2.5 (1.7,4.0)	285 (194,459)	1538 (994,2503)	49.5 (31.8,85.8)
	T2D	19.9 (13.8,26.8)	16.4 (10.9,23.1)	12.3 (8.0,18.0)	349 (244,473)	1585 (1054,2243)	36.1 (23.3,53.8)
Thailand	CVD	10.5 (6.9,15.2)	10.5 (6.7,15.3)	7.8 (4.9,12.0)	401 (260,598)	2836 (1817,4186)	87.4 (54.5,137)
	T2D	8.1 (3.9,15.2)	6.0 (3.0,11.7)	4.4 (2.1,8.8)	512 (249,982)	1282 (625,2529)	21.3 (10.1,43.0)
Timor-Leste	CVD	3.4 (1.6,6.9)	3.9 (1.9,7.6)	2.5 (1.2,5.1)	166 (79.6,340)	1221 (606,2455)	37.7 (18.2,79.1)
	T2D	29.3 (23.4,36.4)	21.4 (16.3,27.9)	16.4 (12.0,22.2)	1393 (1113,1746)	2778 (2130,3659)	42.4 (31.1,58.5)
Togo	CVD	12.9 (9.7,17.5)	15.3 (11.6,20.5)	11.0 (8.2,15.1)	489 (365,674)	8025 (6104,10929)	255 (190,353)
	T2D	59.1 (53.5,63.7)	53.5 (46.7,58.6)	47.0 (39.0,53.0)	1423 (1267,1543)	5697 (4918,6334)	126 (104,145)
Tonga	CVD	39.7 (32.4,46.0)	36.2 (29.6,42.2)	31.0 (24.0,37.3)	1692 (1374,1994)	11854 (9444,14164)	405 (311,493)
	T2D	14.5 (10.0,21.1)	7.3 (4.7,11.0)	4.5 (2.9,7.3)	1536 (1043,2261)	4217 (2694,6437)	77.9 (49.4,127)
Trinidad and Tobago	CVD	3.7 (2.4,5.9)	4.9 (3.2,7.8)	3.2 (2.0,5.2)	259 (164,420)	2650 (1685,4275)	79.2 (50.2,128)
	T2D	6.5 (4.4,8.7)	4.1 (2.6,5.7)	2.3 (1.1,3.7)	1903 (1380,2548)	5593 (3842,7693)	88.3 (57.9,130)
Tunisia	CVD	3.1 (1.8,4.7)	2.5 (1.6,3.7)	1.7 (1.0,2.6)	563 (358,840)	-575 (-1429,-45.1)	-7.6 (-34.4,11.1)
	T2D	8.5 (4.8,13.0)	6.7 (3.9,10.4)	4.7 (2.4,8.3)	1305 (928,1827)	2261 (1573,3264)	21.5 (14.5,33.8)

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths
Turkey	CVD	4.5 (1.9,7.9)	3.6 (1.7,6.6)	2.6 (1.1,5.2)	918 (549,1497)	2429 (1211,4230)	108 (59.2,200)
	T2D	-8.5 (-11.7,-5.9)	-6.2 (-8.7,-4.3)	-4.9 (-6.9,-3.4)	-156 (-234,-59.7)	-641 (-914,-405)	-17.7 (-25.8,-11.9)
Turkmenistan	CVD	-4.9 (-7.0,-3.4)	-4.7 (-6.7,-3.3)	-3.6 (-5.2,-2.6)	-541 (-789,-378)	-3188 (-4534,-2246)	-105 (-149,-74.1)
	T2D	-42.0 (-50.6,-34.0)	-28.9 (-37.7,-22.4)	-23.8 (-32.4,-17.7)	-416 (-501,-328)	-1127 (-1448,-865)	-22.1 (-29.9,-16.2)
Uganda	CVD	-17.8 (-23.8,-13.4)	-19.6 (-26.0,-15.0)	-15.1 (-20.5,-11.2)	-1428 (-1902,-1050)	-18579 (-24613,-14204)	-627 (-855,-464)
	T2D	29.9 (21.6,38.3)	24.5 (17.3,32.9)	18.6 (12.5,26.3)	483 (349,624)	2268 (1591,3102)	52.6 (35.1,76.2)
Ukraine	CVD	15.2 (10.2,21.6)	15.3 (10.3,21.9)	11.5 (7.4,16.9)	424 (283,609)	2387 (1593,3446)	70.6 (46.2,106)
	T2D	-2.1 (-3.5,-1.2)	-1.5 (-2.6,-1.0)	-1.3 (-2.2,-0.9)	22.6 (5.8,62.3)	8.6 (-24.7,55.4)	-0.9 (-1.5,-0.6)
United Arab Emirates	CVD	-0.7 (-1.2,-0.5)	-0.7 (-1.1,-0.5)	-0.5 (-0.8,-0.4)	-53.8 (-110,-18.5)	-783 (-1307,-527)	-26.5 (-46.9,-17.4)
	T2D	-9.8 (-14.4,-6.3)	-6.6 (-10.3,-3.9)	-5.3 (-8.5,-3.1)	79.3 (-30.7,445)	-142 (-292,109)	-7.7 (-12.4,-4.7)
United Kingdom	CVD	-5.5 (-8.8,-3.3)	-5.4 (-8.4,-3.4)	-4.2 (-6.6,-2.6)	-207 (-374,-62.9)	-2358 (-3628,-1524)	-64.3 (-99.2,-41.4)
	T2D	0.5 (-0.5,2.1)	1.5 (0.8,2.6)	-1.1 (-1.8,-0.9)	326 (266,435)	433 (352,603)	-5.0 (-7.0,-4.3)
United States	CVD	-0.2 (-0.6,0.4)	-0.7 (-1.1,-0.5)	-0.8 (-1.2,-0.7)	-172 (-245,-133)	-3671 (-5004,-3157)	-149 (-198,-129)
	T2D	-3.3 (-5.1,-2.1)	-0.6 (-1.1,0.1)	-0.4 (-0.9,0.4)	671 (576,985)	843 (726,1290)	0.0 (-1.0,2.7)
Uruguay	CVD	-1.3 (-2.2,-1.0)	-0.6 (-1.0,-0.4)	-0.6 (-0.9,-0.4)	-382 (-535,-322)	-2030 (-2642,-1798)	-79.8 (-104,-71.1)
	T2D	5.2 (3.2,7.4)	3.0 (1.7,4.7)	0.7 (-0.4,1.6)	891 (627,1223)	1256 (836,1763)	6.9 (3.1,11.5)
Uzbekistan	CVD	1.7 (0.8,3.1)	0.6 (-0.1,1.4)	0.0 (-0.8,0.5)	-33.7 (-140,58.7)	-4158 (-6492,-2760)	-161 (-261,-106)
	T2D	-6.7 (-10.8,-3.6)	-3.9 (-7.0,-1.9)	-3.1 (-5.8,-1.4)	204 (103,389)	381 (184,786)	5.4 (2.0,12.4)
Vanuatu	CVD	-2.3 (-3.9,-1.3)	-2.3 (-4.0,-1.2)	-1.4 (-2.7,-0.7)	-2.2 (-102,125)	-1993 (-3439,-1054)	-64.9 (-116,-33.6)
	T2D	3.4 (2.0,5.2)	1.7 (1.0,2.8)	1.1 (0.6,2.0)	438 (257,689)	989 (589,1602)	14.1 (8.5,25.6)
Venezuela	CVD	0.8 (0.4,1.3)	1.2 (0.7,2.2)	0.9 (0.5,1.5)	58.5 (34.9,98.5)	1345 (763,2392)	33.3 (19.6,59.1)
	T2D	-12.3 (-17.6,-7.1)	-9.2 (-13.5,-5.4)	-7.4 (-11.3,-4.2)	190 (-1.4,453)	602 (-17.7,1564)	8.5 (-4.4,27.7)
Vietnam	CVD	-6.4 (-9.7,-3.4)	-7.1 (-10.5,-4.0)	-5.3 (-8.3,-3.0)	-113 (-254,75.5)	-1707 (-3062,-249)	-42.8 (-91.1,6.3)
	T2D	1.0 (0.2,2.1)	0.9 (0.5,1.7)	0.6 (0.3,1.2)	108 (77.6,173)	239 (172,404)	4.3 (2.9,7.6)
Yemen, Rep.	CVD	0.6 (0.3,1.2)	0.5 (0.2,1.0)	0.3 (0.2,0.6)	40.7 (27.7,74.1)	292 (189,546)	10.1 (6.8,17.4)
	T2D	9.5 (6.1,12.5)	7.9 (4.7,11.2)	4.9 (1.9,8.2)	909 (576,1278)	1081 (662,1621)	5.2 (1.1,11.0)
Zambia	CVD	5.2 (2.6,8.2)	4.3 (2.0,7.0)	2.9 (1.0,5.0)	80.3 (-357,364)	-3117 (-7679,-736)	-86.9 (-235,-16.6)
	T2D	-20.5 (-25.9,-15.4)	-20.4 (-25.8,-14.9)	-18.0 (-23.8,-12.8)	-152 (-246,-46.2)	-2028 (-2661,-1444)	-64.4 (-86.6,-45.1)
Zimbabwe	CVD	-13.1 (-18.3,-9.1)	-11.9 (-17.0,-8.3)	-9.7 (-14.1,-6.3)	-457 (-648,-307)	-1690 (-2530,-1012)	-55.8 (-86.6,-33.1)
	T2D	16.7 (11.9,22.0)	13.0 (8.8,18.3)	11.1 (7.2,16.1)	711 (508,948)	3317 (2256,4679)	82.0 (54.8,120)
	CVD	9.0 (5.9,12.8)	9.0 (6.1,12.7)	7.1 (4.6,10.5)	455 (300,655)	3640 (2493,5325)	116 (75.4,173)

[§] Data represent the central estimate (median) and 95% UI derived from the 2.5th and 97.5th percentiles of 1,000 multiway probabilistic Monte Carlo model simulations. The values shown are the direct and BMI mediated burdens combined using proportional multiplication.

^f The absolute burden per 1 million adults was calculated by dividing the absolute number of cases by the global/region/country adult population (20+ years) in that year and multiplying by 1 million.

[†] In prior GDD reports, the region Central/ Eastern Europe and Central Asia was referred as Former Soviet Union, and Southeast and East Asia was referred as Asia.

CVD, cardiovascular disease; DALYs, disability-adjusted life years; T2D, type 2 diabetes; UIs, uncertainty intervals.

Supplementary Data 2. Differences in proportional and absolute T2D and CVD burdens attributable to SSBs from 1990 to 2020 globally, regionally, and nationally (continued).

Location	Disease	Difference in proportional burden (1990-2020) % [§]			Difference in absolute burden per 1M adults (1990-2020) ^{§,f}		
		Incidence	DALYs	Deaths	Incidence	DALYs	Deaths