

**Supplementary Table S1. In low-burden regions, ASDR of cardiovascular disease in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change**

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Australia	5146.8 (4845.18 to 5353.51)	1804.41 (1647.05 to 1951.1)	-3.3954	<0.001	0.7259825	0.8442528
Austria	5942.54 (5619.22 to 6158.29)	2364.22 (2125.63 to 2549.61)	-2.8637	<0.001	0.7498537	0.8538370
Bahrain	11971.76 (11289.36 to 12647.31)	5054.74 (4447.37 to 5647.64)	-2.9012	<0.001	0.5845789	0.7530432
Belize	5073.65 (4835.57 to 5358.07)	3692.06 (3325.94 to 4094.28)	-0.9101	0.003	0.4237270	0.6102290
Bhutan	6696.46 (5294.36 to 8256.06)	4950.46 (4007.93 to 5920.43)	-1.0132	<0.001	0.2150399	0.4730624
Brazil	7427.69 (7104.55 to 7642.45)	3638.84 (3415.03 to 3812.26)	-2.2821	<0.001	0.5000705	0.6530439
Canada	4601.65 (4334.55 to 4801.21)	2035.48 (1864.61 to 2200.11)	-2.4919	<0.001	0.7819779	0.8731707
Chile	4961.19	2202.14	-2.5625	<0.001	0.5864951	0.7715147

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(4764.41 to 5114.45)	(2061.43 to 2340.99)				
Colombia	5774.91 (5553.03 to 5941.33)	2815.19 (2392.27 to 3264.55)	-2.6673	<0.001	0.4807201	0.6554429
Cook Islands	9396.14 (8438.14 to 10525.54)	5431.96 (4590.13 to 6340.82)	-1.7552	<0.001	0.5645149	0.7791100
Cyprus	8227.49 (7758.91 to 8665.62)	2850.28 (2549.51 to 3154.02)	-3.4131	<0.001	0.6482309	0.8356305
Ecuador	4601.15 (4423.99 to 4765.82)	2945.2 (2448.94 to 3578.68)	-1.3637	<0.001	0.5184306	0.6610171
El Salvador	4564.85 (4318.33 to 4788.81)	3122.13 (2612.6 to 3685.12)	-1.2099	<0.001	0.3730580	0.5637752
Ethiopia	8158.38 (7158.48 to 9515.65)	4108.09 (3570.55 to 4688.81)	-2.2405	<0.001	0.1480339	0.3588233
Finland	6821.4 (6470.41 to 7063.13)	2680.01 (2415.37 to 2867.07)	-3.0161	<0.001	0.7562215	0.8598314
Guam	7827.33 (7378.88 to 8209.24)	5476.85 (5024.8 to 5945.79)	-1.0880	<0.001	0.6762203	0.8039822

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Guatemala	4992.75 (4818.79 to 5142.81)	3124.24 (2758.09 to 3517.83)	-1.2031	<0.001	0.3117925	0.5399724
Iceland	4675.39 (4367.79 to 4910.94)	1846.72 (1644.19 to 2023.51)	-2.9751	<0.001	0.7642125	0.8763617
Iran (Islamic Republic of)	9095.64 (8591.46 to 9580.39)	4977.43 (4594.49 to 5292.4)	-1.8551	<0.001	0.4537999	0.6972074
Ireland	6693.67 (6411.26 to 6913.5)	1813.1 (1613.19 to 1963.2)	-3.9422	<0.001	0.7198918	0.8737538
Israel	5044.49 (4789.28 to 5234.97)	1500.94 (1346.19 to 1631.14)	-3.9130	<0.001	0.7091783	0.8090117
Italy	4584.1 (4262.81 to 4788.21)	1956.22 (1739.61 to 2115.89)	-2.7718	<0.001	0.7062552	0.8057735
Japan	3512.48 (3244.26 to 3680.16)	1650.99 (1498.36 to 1780.39)	-2.4140	<0.001	0.7902535	0.8712418
Jordan	8830.53 (7714.13 to 10022.17)	4232.06 (3565.3 to 5055.68)	-2.5932	<0.001	0.5391475	0.7253072
Kenya	4220.61	4560.37	0.2531	<0.001	0.3338503	0.5237681

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(3485.21 to 4866.45)	(3793.73 to 5483.95)				
Kuwait	6653.16 (6171.23 to 7094.07)	3568.04 (3008.16 to 4249.64)	-1.7477	0.071	0.6645179	0.8466511
Lebanon	9346.52 (8026.51 to 11052.02)	3323.26 (2898.32 to 3821.09)	-3.3174	<0.001	0.5367190	0.7447464
Luxembourg	5909.18 (5634.94 to 6142.16)	1940.66 (1746.39 to 2134.15)	-3.4739	<0.001	0.7810516	0.8844290
Maldives	10236.41 (9456.99 to 10994.75)	3623.25 (3080.31 to 4153.87)	-3.4492	<0.001	0.3316015	0.6508866
Mali	6824.32 (6046.81 to 7631.43)	5403.3 (4432 to 6456.83)	-0.7555	<0.001	0.1265264	0.2685799
Malta	6145.89 (5789.38 to 6435.79)	2201.07 (1970.1 to 2400.03)	-3.4180	<0.001	0.6565046	0.8015850
Mauritius	10517.83 (10115.14 to 10875.47)	4795.89 (4492.78 to 4979.64)	-2.4871	<0.001	0.5445865	0.7182604
Mexico	4082.01 (3941.92 to 4204.13)	3392.26 (3049.6 to 3785.48)	-0.5777	<0.001	0.5049961	0.6645753

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Nicaragua	3830.14 (3580.91 to 4037.04)	2795.37 (2439.87 to 3276.01)	-0.9891	<0.001	0.3460352	0.5239585
Nigeria	7737.39 (6529.3 to 9063.7)	5422.45 (4545.42 to 6504.65)	-1.0838	<0.001	0.3058680	0.5033908
Norway	5484.46 (5208.46 to 5679.49)	1685.33 (1528.11 to 1822.9)	-3.8474	<0.001	0.7958873	0.9161328
Panama	4187.01 (3956.66 to 4384.53)	2665.69 (2164.31 to 3145.86)	-1.3786	<0.001	0.5460481	0.7088648
Paraguay	5473.41 (4895.89 to 6091.9)	4140.81 (3329.26 to 5084.72)	-0.7145	<0.001	0.4695278	0.6357181
Peru	3768.29 (3356.02 to 4233.37)	2143.74 (1760.61 to 2601.18)	-1.7936	<0.001	0.5104199	0.6620540
Puerto Rico	4823.57 (4626.13 to 4999.8)	2207.46 (1876.64 to 2550.83)	-2.4780	<0.001	0.6587581	0.8255258
Qatar	11248.32 (9854.24 to 12776.03)	3768.2 (3061.13 to 4489.67)	-3.3810	<0.001	0.6512084	0.8468606
Republic of Korea	6448.15	1698.37	-4.3258	<0.001	0.6923293	0.8866753

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(5927.63 to 6848.32)	(1499.39 to 1884.42)				
San Marino	3590.85 (3156.44 to 4040.77)	1530.66 (1148.61 to 1980.69)	-3.0367	<0.001	0.8132449	0.8880055
Singapore	6150.43 (5916.4 to 6348.07)	1730.94 (1592.96 to 1839.6)	-3.9457	<0.001	0.6864044	0.8560978
Spain	4320.3 (4051.07 to 4506.44)	1828.64 (1670.61 to 1975.1)	-2.7041	<0.001	0.6366732	0.7692837
Sri Lanka	7413.76 (6882.1 to 7892.76)	4596.81 (3303.79 to 5947.91)	-1.2270	<0.001	0.5226226	0.7015349
Sweden	5255.44 (4938.88 to 5488.52)	2056.53 (1812.74 to 2294)	-2.9313	<0.001	0.7855358	0.8868803
Switzerland	4233.98 (3955.42 to 4395.05)	1466.63 (1297.8 to 1596.39)	-3.4079	<0.001	0.8627668	0.9330591
Tunisia	7903.95 (6981.9 to 8807.37)	5686.58 (4465.68 to 7246.89)	-1.1389	<0.001	0.4711385	0.6824322
United States Virgin Islands	7233.47 (6267.36 to 8127.29)	3664.38 (3037.8 to 4430.46)	-1.7963	<0.001	0.6551609	0.8218309

**Supplementary Table SII.** In the neoplasms-dominant regions, ASDR of cardiovascular disease in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Andorra	3180.39 (2475.42 to 4077.32)	1655.22 (1283.45 to 2070.57)	-2.3425	<0.001	0.7614639	0.8694441
Antigua and Barbuda	6538.04 (6148.68 to 6925.52)	4336.3 (4129.16 to 4554.86)	-1.2380	<0.001	0.6121046	0.7498869
Argentina	7042.31 (6799.69 to 7243.63)	3236.32 (3046.88 to 3429.43)	-2.2761	<0.001	0.5873973	0.7231230
Bahamas	7130.27 (6621.15 to 7583.73)	5146.21 (4294.49 to 6257.41)	-0.9984	<0.001	0.6935093	0.8050207
Barbados	5649.85 (5344.97 to 5917.32)	3622.22 (3022.13 to 4334.85)	-1.5678	<0.001	0.6535825	0.7467488
Belgium	4719.98 (4444.88 to 4919.84)	1773.19 (1593.04 to 1912.2)	-3.0765	<0.001	0.7373907	0.8536540
Bermuda	7453.51 (7087.05 to 7827.94)	2911.51 (2535.66 to 3435.47)	-3.0212	<0.001	0.6964512	0.8213654
Bolivia (Plurinational State of)	6935.29	3845.79	-1.8984	<0.001	0.4239180	0.5990108

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(5823.75 to 8615.97)	(2992.23 to 5039.71)				
Bosnia and Herzegovina	8277.96 (7827.61 to 8653.12)	5444.2 (4510.27 to 6226.25)	-1.3060	<0.001	0.5411325	0.7230779
Botswana	8280.53 (6419.71 to 10218.41)	5381.08 (4435.74 to 6474.52)	-1.6300	<0.001	0.4180777	0.6427216
Brunei Darussalam	7589.63 (6915.45 to 8377.28)	4115.48 (3735.88 to 4557.36)	-2.0029	<0.001	0.6660819	0.8102344
Cabo Verde	5354.32 (4689.46 to 6037.37)	5613.92 (4751.15 to 6525.52)	0.2866	0.079	0.2767234	0.5335345
China	8074.76 (7162.99 to 8953.39)	5120.06 (4340.16 to 5935.79)	-1.5415	<0.001	0.4586689	0.7216298
Comoros	7988.16 (6304.69 to 9724.92)	5393.99 (4323.59 to 6681.94)	-1.3298	<0.001	0.2700481	0.4759787
Costa Rica	4217.7 (3977.45 to 4421.35)	2473.77 (2218.7 to 2713.73)	-1.6754	<0.001	0.5341252	0.7003405
Croatia	9528.54 (9138.23 to 9832.9)	4021.34 (3605.54 to 4410.22)	-2.8530	<0.001	0.6689064	0.7983410

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Cuba	6363.08 (6160.25 to 6522.14)	4085.52 (3602.75 to 4557.04)	-1.3387	<0.001	0.5580191	0.6687299
Czechia	10279.01 (9914.82 to 10574.85)	3741.98 (3366.57 to 4111.56)	-3.2455	<0.001	0.6818480	0.8284504
Denmark	5910.72 (5644.63 to 6114.2)	1793.97 (1637.65 to 1926.71)	-3.7725	<0.001	0.8011547	0.8964242
Dominica	7230.25 (6875.3 to 7599.46)	5525.09 (4886.7 to 6424)	-0.8034	<0.001	0.5636026	0.7469672
Estonia	11032.42 (10610.44 to 11400.69)	4062.99 (3611.69 to 4481.91)	-3.3428	<0.001	0.6749676	0.8449178
France	3856.34 (3585.75 to 4077.98)	1785.78 (1598.67 to 2001.5)	-2.3785	<0.001	0.7307475	0.8383649
Germany	6187.71 (5825.4 to 6424.37)	2527.63 (2280.03 to 2719.36)	-2.8566	<0.001	0.8170777	0.9029571
Greece	5702.82 (5361.85 to 5914.71)	2927.29 (2710.43 to 3078.05)	-2.1536	<0.001	0.6741865	0.7918544
Greenland	9372.37	3948.02	-2.6499	<0.001	0.7322583	0.8262103

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(8685.79 to 10041.67)	(3508.62 to 4548.34)				
Grenada	8412.73 (7752.86 to 9130.13)	5438.32 (4796.5 to 6035.26)	-1.7931	<0.001	0.4367344	0.6689930
Hungary	10977.94 (10628.12 to 11310.86)	5266.48 (4707.55 to 5780.53)	-2.2379	<0.001	0.6494200	0.7907548
Jamaica	5262.6 (5046.78 to 5469.69)	4048 (3265.57 to 5085.49)	-0.2984	0.439	0.5347812	0.6832631
Monaco	4578.84 (3750.66 to 5297.28)	2299.23 (1884.58 to 2782.75)	-2.1980	<0.001	0.8454952	0.9082628
Netherlands	4877.66 (4593.54 to 5075.25)	1817.73 (1634.8 to 1966.3)	-3.2051	<0.001	0.7946121	0.8884643
New Zealand	5820.09 (5527.62 to 6029.52)	2222.54 (2021.66 to 2368.39)	-3.0959	<0.001	0.7523217	0.8494425
Poland	10022.62 (9680.11 to 10263.93)	4101.07 (3748.68 to 4446.44)	-3.0758	<0.001	0.6272279	0.8120428
Portugal	6513.24 (6185.56 to 6746.73)	2014.11 (1843.65 to 2157.93)	-3.7676	<0.001	0.5997778	0.7441519

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Rwanda	11842.06 (10240.24 to 13659.97)	5347.1 (4258.23 to 6699.62)	-2.6856	<0.001	0.2750972	0.4355887
Saint Kitts and Nevis	10678.41 (10162.64 to 11211.6)	5371.59 (4619.36 to 6050.53)	-2.1397	<0.001	0.5806859	0.7549871
Saint Lucia	8382.45 (8012.39 to 8741.79)	4166.46 (3532.79 to 4828.93)	-2.3986	<0.001	0.4962966	0.6725097
Saint Vincent and the Grenadines	7886.21 (7426.16 to 8345.68)	5516.44 (4973.9 to 6129.89)	-1.1200	<0.001	0.4759302	0.6371960
Seychelles	8463.76 (7978.24 to 8946.08)	5048.53 (4618.05 to 5498.11)	-1.7871	<0.001	0.5755265	0.7301508
Slovakia	10285.64 (9868.56 to 10700.42)	5263.51 (4718.77 to 5835.42)	-2.0802	<0.001	0.6538535	0.8106105
Slovenia	6358.32 (6025.47 to 6632.25)	2312.29 (2019.08 to 2569.9)	-3.2196	<0.001	0.7274639	0.8424307
South Africa	5476.61 (4933.27 to 5885.89)	5389.68 (5051.48 to 5760.95)	0.0624	0.692	0.5415714	0.6796266
Suriname	7906.23	5141.18	-1.3708	<0.001	0.5020543	0.6336657

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(7347.95 to 8380.32)	(4169.6 to 6219.18)				
Taiwan (Province of China)	5183.79 (4948.74 to 5355.59)	2107.08 (1921.91 to 2258.05)	-2.8087	<0.001	0.6676339	0.8747471
Thailand	4965.79 (4420.09 to 5516.47)	3126.6 (2552.86 to 3754.95)	-1.6476	<0.001	0.5066449	0.6825479
Tonga	6117.77 (5203.69 to 6950.63)	5587.19 (4587.56 to 6736.7)	-0.2644	0.186	0.4918068	0.6263499
Trinidad and Tobago	8991.38 (8684.63 to 9271.64)	4811.87 (3818.98 to 5997.65)	-1.8612	<0.001	0.6239702	0.7687633
Turkey	8785.85 (7992.82 to 9607.42)	4615 (3896.91 to 5379.7)	-1.9151	<0.001	0.4616070	0.7126927
Uganda	6549.9 (5364.12 to 7974.85)	4907.41 (3996.76 to 6128.79)	-1.0624	<0.001	0.1870011	0.4232612
United Kingdom	6174.67 (5908.94 to 6340.8)	2138.58 (1991.13 to 2263.62)	-3.3847	<0.001	0.7443341	0.8590002
United States of America	5394.38 (5067.07 to 5598.94)	3184.64 (2945.48 to 3362.55)	-1.7008	<0.001	0.7636477	0.8624484

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Uruguay	6433.4 (6151.44 to 6625.8)	3177.82 (2986.84 to 3360.09)	-2.3393	<0.001	0.5819219	0.7192834
Venezuela (Bolivarian Republic of)	6378.39 (6130.41 to 6557.52)	4956.57 (3908.05 to 6238.97)	-0.8645	<0.001	0.5168912	0.5965131

**Supplementary Table SIII.** In the ischaemic heart disease-dominant regions, ASDR of cardiovascular disease in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Albania	7969.56 (7498.55 to 8303.76)	5735.68 (5013.1 to 6534.84)	-1.1568	0.002	0.55777330	0.7068498
Algeria	10372.52 (9249.82 to 11575.34)	6637.58 (5745.89 to 7642.07)	-1.3974	<0.001	0.46048691	0.6595009
Angola	9922.21 (8277.6 to 11887.08)	7664.93 (6061.19 to 9323.93)	-0.8548	<0.001	0.27073694	0.4537219

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Azerbaijan	11220.28 (10567.73 to 11899.4)	8624.72 (7704.92 to 9576.28)	-0.7594	0.001	0.59598603	0.6948513
Bangladesh	9467.29 (8406.39 to 10552.38)	6573.29 (5427.45 to 7920.35)	-0.8754	<0.001	0.22854893	0.4924209
Benin	7204.8 (6374.25 to 8163.45)	5859.9 (4992.91 to 6883.31)	-0.5468	0.001	0.21890715	0.3734866
Burkina Faso	6579.28 (5706.63 to 7583.11)	6204.82 (5222.36 to 7467.54)	-0.1883	0.019	0.12969562	0.2851184
Burundi	10594.55 (8596.07 to 12654.14)	6310.13 (5160.11 to 7622.81)	-1.6985	<0.001	0.20586736	0.2893744
Cameroon	7297.71 (6247.37 to 8414.76)	6972.14 (5436.6 to 8951.06)	-0.0722	0.407	0.30305533	0.4796912
Chad	7227.8 (6272.42 to 8283.76)	7478.13 (6010.58 to 9190.26)	0.0858	0.209	0.11463883	0.2404360
Coted'Ivoire	8060.69 (6836.98 to 9432.87)	7151.63 (5758.92 to 8981.06)	-0.3170	<0.001	0.27932035	0.4259419
Democratic Republic of the Congo	8501.03	7398.52	-0.5155	<0.001	0.28984321	0.3831798

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(6946.76 to 10096.22)	(5825.65 to 9392.13)				
Dominican Republic	6103.62 (5466.92 to 6781.93)	5707.64 (4688.06 to 6936.15)	0.0190	0.914	0.44265408	0.6193882
Egypt	16799.98 (16171.78 to 17611.02)	12208.04 (10434.3 to 14177.24)	-1.1326	<0.001	0.41718274	0.6067871
Fiji	12773.09 (11307.95 to 14573.44)	10314.62 (8264.56 to 12664.6)	-0.5909	<0.001	0.53464891	0.6750516
Gambia	7954.75 (6503.26 to 9862.13)	8295.5 (6575.36 to 9990.01)	0.2166	0.268	0.23871485	0.4097142
Ghana	9997.15 (8479.44 to 11817.69)	7749.53 (6287.31 to 9276.56)	-0.8484	<0.001	0.37311200	0.5649304
Guinea	7647.74 (6551.69 to 8905.12)	7410.37 (5920.6 to 9190.86)	-0.0446	0.594	0.17829542	0.3364013
India	7128.42 (6372.21 to 7771.38)	6151.14 (5606.01 to 6737.6)	-0.5624	<0.001	0.33259360	0.5754016
Indonesia	8459.93 (7384.51 to 9409.65)	8680.41 (7378.45 to 9908.07)	0.0861	<0.001	0.45713495	0.6568683

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Iraq	11595.4 (10057.13 to 13344.01)	9361.91 (7578.82 to 10934.84)	-0.6593	<0.001	0.41204417	0.6626262
Kazakhstan	10495.61 (9909.32 to 11071.9)	8782.17 (7973.4 to 9566.79)	-0.8317	<0.001	0.58943580	0.7251445
Kyrgyzstan	10422.21 (9692.17 to 11182.64)	8003.46 (6837.31 to 9209.82)	-0.8394	<0.001	0.51940765	0.6039793
Lao People's Democratic Republic	14638.35 (12024.67 to 17471.4)	8921.86 (7189.73 to 10805.26)	-1.5875	<0.001	0.26428316	0.4891361
Liberia	8117.4 (6956.58 to 9374.88)	7249.08 (5869.51 to 9152.37)	-0.2947	0.061	0.23529685	0.3524425
Madagascar	10896.66 (9867.71 to 11996.73)	9470.77 (7473.86 to 11716.44)	-0.4755	<0.001	0.27988946	0.4002469
Mauritania	9411.37 (7850.68 to 11176.86)	6475.88 (5142.1 to 8042.7)	-1.2262	<0.001	0.33578094	0.4989451
Morocco	11388.1 (10001.12 to 12782.33)	9125.02 (7462.29 to 10372.3)	-0.7248	<0.001	0.35807287	0.5626983
Myanmar	13185.66	7873.63	-1.7210	<0.001	0.31921972	0.5339008

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(10819 to 15821.52)	(6574.23 to 9553.11)				
Namibia	8344.68 (7229.01 to 9419.02)	7133.61 (5665.71 to 8760.71)	-0.3830	<0.001	0.45004023	0.6175649
Nepal	7727.64 (6483.84 to 9234.66)	5973.31 (4959.3 to 7300.93)	-0.8823	<0.001	0.19956065	0.4331746
Niger	6843.58 (5675.72 to 8120.18)	5750.12 (4516.63 to 7131.57)	-0.4247	<0.001	0.08086848	0.1680728
Oman	11714.3 (9243.63 to 14366.28)	6441.58 (5427.14 to 7551.71)	-1.8561	<0.001	0.42927095	0.7733916
Palestine	10806.62 (8914.74 to 13160.64)	6469.12 (5680.08 to 7184.5)	-1.6031	<0.001	0.40179221	0.6310117
Papua New Guinea	10169.97 (7997.67 to 12848.63)	8741.4 (6957.49 to 10742.27)	-0.4918	<0.001	0.31066863	0.4177974
Philippines	7640.27 (7094.67 to 8187.7)	7252.88 (6231.58 to 8291.96)	-0.0657	0.613	0.51001180	0.6512193
Samoa	10594.84 (8926.07 to 12196.74)	9902.98 (8370.87 to 11834.73)	-0.2483	<0.001	0.48749143	0.5933928

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Sao Tome and Principe	6398.69 (5668.67 to 7125.78)	6473.11 (5664.09 to 7479.55)	0.0682	0.472	0.30954285	0.5054137
Saudi Arabia	10041.28 (7826.71 to 12402.77)	7663.79 (6525.25 to 8994.01)	-1.0086	<0.001	0.53895452	0.8151435
Senegal	8543.71 (7355.76 to 9843.66)	7137.13 (5799.87 to 8764.33)	-0.6705	<0.001	0.23804761	0.4080542
Sierra Leone	8596.94 (7241.56 to 10180.15)	7666.56 (6136.73 to 9518.62)	-0.3371	<0.001	0.21156934	0.3586659
Sudan	14576.12 (12078.91 to 17138.16)	9489.39 (7544.2 to 12328.04)	-1.3855	<0.001	0.29217864	0.5419497
Syrian Arab Republic	13347.08 (11163.62 to 15882.46)	10119.97 (8054.88 to 12795)	-0.9919	<0.001	0.43049264	0.6230041
Tajikistan	10687.24 (9901.44 to 11483.41)	7891 (6832.86 to 8938.06)	-1.1727	<0.001	0.46615541	0.5415112
Timor-Leste	8255.02 (6693.92 to 9799.27)	8053.18 (6513.52 to 9837.13)	-0.0436	0.560	0.26246808	0.4446676
Togo	8276.98	7682.42	-0.2526	<0.001	0.26969227	0.4085337

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(7218.06 to 9531.43)	(6034.61 to 9564.89)				
Turkmenistan	12562.35 (12183.82 to 12899.92)	11751.32 (9600.17 to 14451.2)	-0.4142	0.660	0.56312689	0.6821608
United Arab Emirates	10135.34 (8369.76 to 12245.44)	5758.54 (4881.57 to 6694.12)	-1.5959	0.001	0.64441227	0.8493177
Uzbekistan	10053.35 (9651.88 to 10344.83)	9428.7 (8284.99 to 10586.98)	-0.1994	0.186	0.50024174	0.6626217
Vanuatu	14639.81 (12246.72 to 17902.81)	13194.35 (11174.15 to 15261.64)	-0.3621	<0.001	0.35310025	0.4731007
Viet Nam	7135.11 (5897.78 to 8738.45)	6181.85 (5223.15 to 7097.15)	-0.4293	<0.001	0.40763005	0.6279337
Yemen	14416.37 (11498.54 to 17734.6)	10703.2 (8442.38 to 13414.99)	-0.9838	<0.001	0.21566459	0.4503764

**Supplementary Table SIV.** In the dual-burden regions, ASDR of cardiovascular disease among people in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Afghanistan	17237.33 (13845.08 to 20805.85)	12478.28 (10077.76 to 15039.02)	-1.0265	<0.001	0.17383217	0.33720000
American Samoa	8654.17 (7972.62 to 9355.79)	7921.99 (6904.5 to 9127.45)	-0.2181	<0.001	0.61363392	0.72372753
Armenia	9125.14 (8720.85 to 9451.07)	6038.45 (5491.88 to 6673.52)	-1.4672	<0.001	0.54441453	0.70183319
Belarus	9883.84 (9485.74 to 10188.93)	9179.51 (7732.28 to 10710.37)	-0.4605	0.058	0.62244658	0.78448471
Bulgaria	13953.29 (13474.41 to 14431.72)	9804.59 (8611.07 to 11055.91)	-1.0323	<0.001	0.63344650	0.76815094
Cambodia	9347.37 (8152.73 to 10847.46)	6970.97 (5737.46 to 8341.62)	-0.9437	<0.001	0.28907506	0.47362149
Central African Republic	11908.32 (9898.07 to 14079.39)	10115.89 (7913.65 to 12631.98)	-0.4977	<0.001	0.21682519	0.30916769

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Congo	12007.68 (10130.31 to 14027.75)	8670.51 (7038.72 to 10458.07)	-1.0412	<0.001	0.42065466	0.58307524
Democratic People's Republic of Korea	8139.81 (6416.67 to 9913.22)	7812.95 (6375.84 to 9425.83)	-0.1511	<0.001	0.49778013	0.56985463
Djibouti	7182.87 (5652.58 to 8925.53)	6030.22 (4764.21 to 7643.03)	-0.5583	<0.001	0.33778179	0.48795837
Equatorial Guinea	11348.45 (9232.21 to 13741.54)	6776.61 (4774.88 to 9100.37)	-1.7049	<0.001	0.26878363	0.65785746
Eritrea	10305.01 (8643.99 to 12069.45)	7332.57 (5847.46 to 9092.46)	-1.1021	<0.001	0.21602824	0.40386394
Eswatini	8068.61 (6760 to 9481)	7984.28 (6029.56 to 10463.55)	0.0439	0.631	0.39942095	0.58545971
Gabon	8956.48 (7569.23 to 10578.12)	7029.64 (5462.09 to 8680.59)	-0.7118	<0.001	0.45542119	0.63469139
Georgia	11821.87 (11332.78 to 12163.2)	7202.4 (6589.58 to 7815.52)	-1.7113	<0.001	0.65613604	0.73247360
Guinea-Bissau	12372.69	10500.89	-0.4988	<0.001	0.20761484	0.35310962

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(10209.11 to 14884.68)	(8397.93 to 12301.45)				
Guyana	13856.62 (12596.88 to 15214.75)	8407.78 (6712.07 to 10494.81)	-1.4401	<0.001	0.46043013	0.65081234
Haiti	14163.57 (12269.27 to 16203.07)	10339.39 (8018.48 to 13359.82)	-0.9603	<0.001	0.31033463	0.44827828
Honduras	5496.41 (4889.54 to 6114.07)	6532.63 (5697.75 to 7759.02)	0.5853	<0.001	0.33204289	0.51303725
Kiribati	11875.69 (9926.68 to 13765.62)	11083.92 (9190.76 to 13549.79)	-0.1670	0.045	0.41038982	0.52718658
Latvia	11285.95 (10858.15 to 11633.2)	6589.95 (5945.28 to 7185.61)	-1.6101	<0.001	0.68019364	0.83066352
Lesotho	6003.14 (4921.16 to 7177.04)	8992.94 (6965.52 to 11205.35)	1.5159	<0.001	0.33915513	0.51039307
Libya	6771.27 (5671.05 to 7903.6)	7072.01 (5688.22 to 8805.67)	0.2335	0.222	0.52799817	0.72577140
Lithuania	9479.6 (9069.4 to 9782.39)	5695.81 (5160.42 to 6243.73)	-1.9536	0.004	0.66850394	0.85648405

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Malawi	6768.56 (5989.99 to 7570.23)	6659.59 (5690.01 to 7796.3)	-<0.0016	0.992	0.20401024	0.38455363
Malaysia	8042.21 (7652.93 to 8354.56)	5946.06 (5641.55 to 6246.57)	-0.9805	<0.001	0.54579941	0.74252383
Marshall Islands	14480.5 (13094.46 to 16059.39)	13314 (10568.86 to 16371.41)	-0.3148	<0.001	0.43083929	0.57409113
Micronesia (Federated States of)	15316.07 (12648.38 to 17983.54)	12867.3 (10376.71 to 15910.79)	-0.5773	<0.001	0.46251162	0.58753497
Mongolia	12249.03 (11162.86 to 13434.24)	7981.38 (7159.04 to 8815.97)	-1.3741	<0.001	0.46655012	0.61762156
Montenegro	8046.12 (7493.81 to 8505.49)	8440.47 (7641.67 to 9321.96)	0.4250	<0.001	0.67422572	0.79580058
Mozambique	7447.63 (6590.56 to 8486.61)	8300.16 (6500.21 to 10228.85)	0.4494	<0.001	0.17306472	0.32646261
Nauru	19771.32 (16084.56 to 23370.45)	18815.35 (15360.05 to 23025.24)	-0.1835	<0.001	0.53914598	0.62517783
Niue	11088.58	9988.67	-0.3339	<0.001	0.58753298	0.72622205

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(9250.18 to 13261.56)	(8441.66 to 11576.2)				
North Macedonia	11106.02 (10612.09 to 11559.16)	8869.11 (7680.5 to 10074.15)	-0.6809	<0.001	0.60902609	0.75062970
Northern Mariana Islands	7497 (6372.46 to 9074.9)	6504.81 (5747.79 to 6876.43)	-0.4816	<0.001	0.70859384	0.77153521
Pakistan	7243.47 (6092.1 to 8023.24)	7782.41 (6619.3 to 9417.88)	0.3074	<0.001	0.31046762	0.50402869
Palau	11370.11 (9452.66 to 13584.66)	9598.06 (7972.84 to 11396.46)	-0.5589	<0.001	0.66290951	0.75404693
Republic of Moldova	11081.02 (10693.02 to 11374.88)	7365.76 (6770.13 to 8002.71)	-1.2124	<0.001	0.60425176	0.73221488
Romania	11148.21 (10765.92 to 11425.7)	6771.58 (6142.94 to 7366.76)	-1.6499	<0.001	0.61929886	0.76845386
Russian Federation	11197.17 (10816.36 to 11425.81)	8261.77 (7684.71 to 8845.61)	-1.1200	0.012	0.67160058	0.80853600
Serbia	12248.1 (11751.34 to 12692.46)	6821.9 (5971.5 to 7647.61)	-1.9155	<0.001	0.63051102	0.79241629

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Solomon Islands	14118 (10251.23 to 17512.3)	12711.64 (10398.51 to 15857.14)	-0.3629	<0.001	0.30121717	0.42936032
Somalia	9094.28 (7190.69 to 11208.5)	6865.16 (5164.89 to 8752.15)	-0.8536	<0.001	0.04884856	0.07768811
South Sudan	7459.86 (6127.94 to 9278.32)	6180.91 (4687.53 to 7956.63)	-0.6679	<0.001	0.20665650	0.27837113
Tokelau	11609.63 (9561.53 to 13877.37)	9120.07 (7434.02 to 10956.59)	-0.7378	<0.001	0.52194239	0.68642562
Tuvalu	15431.4 (13304.23 to 17673.28)	11869.4 (10150.97 to 13894.97)	-0.8375	<0.001	0.40624757	0.57662053
Ukraine	10525.61 (10124.62 to 10787.88)	9957.15 (7682.58 to 12282.2)	-0.5431	0.034	0.64746147	0.76077391
United Republic of Tanzania	6363.59 (5547.3 to 7230.16)	5749.83 (4830.19 to 7118.94)	-0.3129	<0.001	0.25930607	0.44656827
Zambia	7777.77 (6726.62 to 8918.18)	7540.72 (5893.98 to 9350.67)	-0.0018	0.977	0.30400855	0.50594895
Zimbabwe	5698.2	8202.08	1.3065	<0.001	0.39855934	0.47381949

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(4801.97 to 6563.67)	(6785.66 to 9822.23)				

**Supplementary Table SV.** In low-burden regions, ASDR of noplasm in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Australia	4157 (4012.66 to 4283.33)	2737.77 (2568.58 to 2856.43)	-1.3451	<0.001	0.7259825	0.8442528
Austria	4228.07 (4077.23 to 4335.76)	2689.28 (2540.77 to 2810.64)	-1.5114	<0.001	0.7498537	0.8538370
Bahrain	3707.36 (3417.32 to 4003.96)	2443.43 (2072.82 to 2873.07)	-1.3776	<0.001	0.5845789	0.7530432
Belize	2246 (2134.52 to 2391.42)	2557.02 (2288.37 to 2867.31)	0.5180	0.061	0.4237270	0.6102290
Bhutan	2216.02 (1680.05 to 2757.11)	1844.3 (1414.81 to 2366.98)	-0.5931	<0.001	0.2150399	0.4730624

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Brazil	3358.22 (3249.92 to 3426.95)	2934.63 (2802.4 to 3036.6)	-0.4633	<0.001	0.5000705	0.6530439
Canada	4228.57 (4102.02 to 4340.85)	2741.1 (2595.45 to 2872.21)	-1.4584	<0.001	0.7819779	0.8731707
Chile	4111.64 (3967.54 to 4233.42)	2738.67 (2594.85 to 2860.65)	-1.3116	<0.001	0.5864951	0.7715147
Colombia	3489.78 (3392.95 to 3566.46)	2539.94 (2126.25 to 3014.09)	-1.2433	<0.001	0.4807201	0.6554429
Cook Islands	3326.32 (2940.69 to 3738.12)	2835.99 (2357.37 to 3395.57)	-0.4968	<0.001	0.5645149	0.7791100
Cyprus	3364.34 (3104.11 to 3656.51)	2430.8 (2126.73 to 2765.56)	-0.9967	<0.001	0.6482309	0.8356305
Ecuador	2882.91 (2786 to 2973.88)	2655.41 (2124.94 to 3301.84)	-0.3714	0.036	0.5184306	0.6610171
El Salvador	2450.62 (2322.55 to 2642.45)	2618.84 (2150.54 to 3162.04)	0.3630	0.034	0.3730580	0.5637752
Ethiopia	4535.62	2735.62	-1.6456	<0.001	0.1480339	0.3588233

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(3863.16 to 5135.26)	(2320.64 to 3246.93)				
Finland	3630.01 (3508.02 to 3744.58)	2546.35 (2392.1 to 2682.4)	-1.1211	<0.001	0.7562215	0.8598314
Guam	2812.53 (2570.44 to 3047.41)	2463.29 (2192.3 to 2718.22)	-0.3660	0.073	0.6762203	0.8039822
Guatemala	2760.82 (2685.92 to 2837.73)	2456.87 (2114.95 to 2830.16)	-0.4875	0.005	0.3117925	0.5399724
Iceland	3883.98 (3679.55 to 4083)	2832.02 (2589.61 to 3086.33)	-0.9576	<0.001	0.7642125	0.8763617
Iran (Islamic Republic of)	2392.86 (2085.39 to 2609.65)	2003.87 (1725.95 to 2173.56)	-0.6132	<0.001	0.4537999	0.6972074
Ireland	4525.5 (4375.18 to 4672.58)	2668.6 (2482.02 to 2817.71)	-1.7007	<0.001	0.7198918	0.8737538
Israel	3600.05 (3464.61 to 3720.37)	2440.39 (2253.83 to 2575.02)	-1.3057	<0.001	0.7091783	0.8090117
Italy	4474.51 (4328.85 to 4572.14)	2851.83 (2659.15 to 2971.23)	-1.4992	<0.001	0.7062552	0.8057735

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Japan	3580.35 (3443.26 to 3660.96)	2526.32 (2338.52 to 2636.82)	-1.1162	<0.001	0.7902535	0.8712418
Jordan	2356.62 (2022.96 to 2732.27)	1785.72 (1423.63 to 2209.09)	-0.9428	<0.001	0.5391475	0.7253072
Kenya	1976.27 (1661.03 to 2325.59)	2536.14 (2096.06 to 3031.12)	0.8048	<0.001	0.3338503	0.5237681
Kuwait	1963.44 (1825.78 to 2091.47)	1351.72 (1131.36 to 1591.53)	-1.0817	<0.001	0.6645179	0.8466511
Lebanon	3284.59 (2736.74 to 4031.9)	2645.3 (2250.29 to 3125.8)	-0.7530	<0.001	0.5367190	0.7447464
Luxembourg	4836.21 (4662.93 to 5006.88)	2729.12 (2509.25 to 2971.21)	-1.8943	<0.001	0.7810516	0.8844290
Maldives	2281.63 (1761.76 to 2582.67)	1159.48 (955.02 to 1365.32)	-2.2772	<0.001	0.3316015	0.6508866
Mali	3268.38 (2811.39 to 3767.39)	2899.89 (2315.55 to 3607.54)	-0.4236	<0.001	0.1265264	0.2685799
Malta	3687.72	2634.05	-1.1663	<0.001	0.6565046	0.8015850

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(3497.18 to 3890.37)	(2403.74 to 2879.44)				
Mauritius	2581.71 (2479.4 to 2678)	2535.85 (2337.4 to 2637.56)	0.0501	0.846	0.5445865	0.7182604
Mexico	2887.88 (2831.65 to 2933.67)	2390.02 (2122.33 to 2665.28)	-0.6146	<0.001	0.5049961	0.6645753
Nicaragua	2101.23 (1989.24 to 2250.49)	1806.24 (1539.1 to 2127.94)	-0.4257	0.001	0.3460352	0.5239585
Nigeria	1895.55 (1430.04 to 2338.06)	2101.49 (1454.54 to 2791.98)	0.3112	<0.001	0.3058680	0.5033908
Norway	3791.31 (3659.11 to 3885.64)	2715.92 (2534.5 to 2829.1)	-1.0327	<0.001	0.7958873	0.9161328
Panama	2693.83 (2577.64 to 2797.09)	2423.8 (1943 to 2874.24)	-0.3004	<0.001	0.5460481	0.7088648
Paraguay	2290.4 (2028.7 to 2559.98)	2859.93 (2237.78 to 3649.58)	0.8916	<0.001	0.4695278	0.6357181
Peru	3328.74 (2929.34 to 3751.71)	2724.24 (2111.72 to 3410.49)	-0.3174	0.270	0.5104199	0.6620540

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Puerto Rico	3134.59 (3023.47 to 3247.25)	2344.96 (1960.49 to 2730.37)	-1.0367	<0.001	0.6587581	0.8255258
Qatar	3285.28 (2796.51 to 3846.03)	2241.65 (1753.47 to 2813.14)	-1.5641	<0.001	0.6512084	0.8468606
Republic of Korea	5227.02 (4806.01 to 5550.4)	2453.17 (2240.72 to 2608.1)	-2.4365	<0.001	0.6923293	0.8866753
San Marino	4316.03 (3787.96 to 4859.2)	2274.9 (1471.25 to 3158.83)	-2.3063	<0.001	0.8132449	0.8880055
Singapore	3667.39 (3540.81 to 3807.17)	1843.36 (1733.38 to 1949.88)	-2.0241	<0.001	0.6864044	0.8560978
Spain	4109.53 (3962.68 to 4222.28)	2821.06 (2647.27 to 2945.08)	-1.2560	<0.001	0.6366732	0.7692837
Sri Lanka	2211.01 (2023.03 to 2379.49)	1607.13 (1094.02 to 2158.93)	-0.7545	0.005	0.5226226	0.7015349
Sweden	3525.15 (3393.82 to 3638.18)	2349.22 (2108.25 to 2597.58)	-1.3409	<0.001	0.7855358	0.8868803
Switzerland	3527.4	2290	-1.4416	<0.001	0.8627668	0.9330591

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(3382.81 to 3631.56)	(2132.51 to 2406.18)				
Tunisia	2155.01 (1900.54 to 2442.77)	1967.65 (1446.48 to 2619.45)	-0.3171	<0.001	0.4711385	0.6824322
United States Virgin Islands	3678.09 (3205.87 to 4215.29)	2567.98 (2061.32 to 3198.58)	-0.7255	0.016	0.6551609	0.8218309

**Supplementary Table SVI.** In the neoplasms-dominant regions, ASDR of Neoplasms in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Andorra	4721.47 (3571.98 to 6241.51)	2995.5 (2125.61 to 4005.95)	-1.6522	<0.001	0.7614639	0.8694441
Antigua and Barbuda	3364.26 (3163.31 to 3565.66)	3164.5 (3039 to 3292.06)	-0.3057	0.470	0.6121046	0.7498869

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Argentina	4470.56 (4332.47 to 4599.37)	3316.18 (3147.02 to 3461.52)	-0.9159	<0.001	0.5873973	0.7231230
Bahamas	4248.13 (3949.65 to 4562.04)	3983.42 (3236.49 to 4936.41)	-0.1429	0.395	0.6935093	0.8050207
Barbados	3927.57 (3726.95 to 4126.12)	3599.78 (2879.14 to 4469.76)	-0.0955	0.293	0.6535825	0.7467488
Belgium	4797.61 (4615.14 to 4943.92)	3044.26 (2869.43 to 3180.65)	-1.6272	<0.001	0.7373907	0.8536540
Bermuda	5044.74 (4762.88 to 5358.02)	3080.3 (2639.52 to 3738.85)	-1.6921	<0.001	0.6964512	0.8213654
Bolivia (Plurinational State of)	4880.12 (4093.75 to 5652.19)	3878.88 (2960.75 to 5092.27)	-0.7516	<0.001	0.4239180	0.5990108
Bosnia and Herzegovina	3767.13 (3549.98 to 3980.11)	3582.76 (2913.58 to 4273.98)	-0.1059	0.465	0.5411325	0.7230779
Botswana	3401.37 (2572.55 to 4338.58)	3101.27 (2441.62 to 3935.63)	-0.5578	<0.001	0.4180777	0.6427216
Brunei Darussalam	4873.88	3442.85	-0.9557	<0.001	0.6660819	0.8102344

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(4309.14 to 5532.72)	(3029.3 to 3885.99)				
Cabo Verde	2728.7 (2371.44 to 3116.95)	3485.08 (2774.79 to 4216.16)	0.8879	<0.001	0.2767234	0.5335345
China	5149.51 (4523.82 to 5792.85)	3469.64 (2910.34 to 4133.16)	-1.3166	<0.001	0.4586689	0.7216298
Comoros	3671.65 (2765.36 to 4572.56)	3290.05 (2632.2 to 4178.71)	-0.3322	0.072	0.2700481	0.4759787
Costa Rica	3245.08 (3092.73 to 3391.25)	2988.23 (2658.56 to 3285.9)	-0.1852	0.323	0.5341252	0.7003405
Croatia	4943.03 (4634.65 to 5271.58)	3758.25 (3322.07 to 4201.14)	-0.7255	<0.001	0.6689064	0.7983410
Cuba	3661.46 (3563.37 to 3765.3)	3493.14 (3051.77 to 3930.16)	-0.0376	0.388	0.5580191	0.6687299
Czechia	5487.73 (5237.47 to 5784.98)	3379.64 (2947.25 to 3800.58)	-1.6158	<0.001	0.6818480	0.8284504
Denmark	4772.26 (4616.26 to 4904.15)	3210.82 (3030.16 to 3366.27)	-1.2183	<0.001	0.8011547	0.8964242

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Dominica	4053.75 (3796.29 to 4327.81)	4118.93 (3492.06 to 4923.99)	0.0491	0.318	0.5636026	0.7469672
Estonia	4779.24 (4577.84 to 4992.06)	3398.97 (2987.3 to 3776.04)	-1.1617	<0.001	0.6749676	0.8449178
France	4637.67 (4490.4 to 4762.95)	3208.84 (3031.52 to 3347.36)	-1.1569	<0.001	0.7307475	0.8383649
Germany	4421.24 (4280.88 to 4542.67)	3080.78 (2916.3 to 3198.42)	-1.1353	<0.001	0.8170777	0.9029571
Greece	3997.25 (3863.57 to 4115.97)	3415.89 (3256.85 to 3557.04)	-0.5246	<0.001	0.6741865	0.7918544
Greenland	8468.25 (7815.99 to 9176.81)	4862.22 (4241.3 to 5591.78)	-1.7954	<0.001	0.7322583	0.8262103
Grenada	4175.86 (3799.47 to 4569.14)	4041.47 (3515.65 to 4580.39)	0.0943	0.713	0.4367344	0.6689930
Hungary	5753 (5422.97 to 6066.07)	4299.75 (3778.55 to 4842.33)	-0.8665	<0.001	0.6494200	0.7907548
Jamaica	2998.46	3365.35	0.9640	0.159	0.5347812	0.6832631

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(2864.55 to 3131.21)	(2597.97 to 4413.96)				
Monaco	4832.16 (3852.64 to 5720.11)	5150.01 (4292.43 to 6135.03)	0.2059	0.001	0.8454952	0.9082628
Netherlands	4479.23 (4332.88 to 4603.53)	3165.51 (2975.38 to 3314.92)	-1.1516	<0.001	0.7946121	0.8884643
New Zealand	4507.78 (4327.63 to 4670.3)	2973.98 (2792.69 to 3124.73)	-1.3022	<0.001	0.7523217	0.8494425
Poland	5138.86 (5017.1 to 5246.13)	4077.43 (3739.71 to 4378.51)	-0.8116	<0.001	0.6272279	0.8120428
Portugal	4191.37 (4047.27 to 4338.19)	2995.05 (2821.79 to 3126.26)	-1.0658	<0.001	0.5997778	0.7441519
Rwanda	4945.46 (4308.93 to 5689.11)	3181.05 (2452.28 to 4026.14)	-1.5119	<0.001	0.2750972	0.4355887
Saint Kitts and Nevis	4474.54 (4210.74 to 4755.54)	3440.97 (2892.96 to 3972.17)	-0.5483	<0.001	0.5806859	0.7549871
Saint Lucia	4257.58 (4071.78 to 4460.75)	3315.43 (2746.92 to 3989.93)	-0.8474	<0.001	0.4962966	0.6725097

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Saint Vincent and the Grenadines	4012.27 (3743.18 to 4282.48)	3856.31 (3428.38 to 4375.27)	0.0196	0.933	0.4759302	0.6371960
Seychelles	4134.18 (3895.34 to 4476.76)	3523.94 (3171.28 to 3941.52)	-0.5048	0.054	0.5755265	0.7301508
Slovakia	5244.11 (4969.51 to 5553.47)	3813.65 (3324.54 to 4296.82)	-1.0431	<0.001	0.6538535	0.8106105
Slovenia	4411.92 (4231.61 to 4618.25)	3050.22 (2616.6 to 3444.51)	-1.0884	<0.001	0.7274639	0.8424307
South Africa	3139.87 (2871.15 to 3490.29)	3532.3 (3287.66 to 3775.84)	0.3185	0.001	0.5415714	0.6796266
Suriname	3073.68 (2803.62 to 3278.6)	2943.16 (2359.95 to 3563.84)	-0.1405	0.612	0.5020543	0.6336657
Taiwan (Province of China)	3614.86 (3501.46 to 3732.99)	3389.54 (3159.06 to 3563.29)	-0.1773	0.007	0.6676339	0.8747471
Thailand	3748.74 (3280.04 to 4219.15)	3266.81 (2574.04 to 4102.32)	-0.5314	<0.001	0.5066449	0.6825479
Tonga	4060.73	4007.3	-0.0944	0.409	0.4918068	0.6263499

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(3509.78 to 4675.5)	(3198.55 to 5039.81)				
Trinidad and Tobago	3478.44 (3355.18 to 3595.15)	3067.2 (2348.06 to 3872.96)	-0.2336	0.235	0.6239702	0.7687633
Turkey	4576.63 (3988.61 to 5133.99)	3142.67 (2553.1 to 3733.84)	-1.0872	<0.001	0.4616070	0.7126927
Uganda	3785.51 (3049.17 to 4639.25)	4086.13 (3193.04 to 5166.02)	0.1515	0.068	0.1870011	0.4232612
United Kingdom	4642.11 (4522.11 to 4724.69)	3104.48 (2945.17 to 3202.7)	-1.3603	<0.001	0.7443341	0.8590002
United States of America	4440.88 (4287.8 to 4550.77)	2964.51 (2812.56 to 3077.92)	-1.3406	<0.001	0.7636477	0.8624484
Uruguay	5207.16 (5023.04 to 5355.36)	4474.64 (4268.74 to 4675.6)	-0.5365	<0.001	0.5819219	0.7192834
Venezuela (Bolivarian Republic of)	3324.85 (3221.45 to 3414.55)	3163.54 (2441 to 4056.63)	-0.1086	0.700	0.5168912	0.5965131

**Supplementary Table SVII.** In the ischaemic heart disease-dominant regions, ASDR of Neoplasms in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Albania	3232.66 (2979.75 to 3480.12)	2510.01 (2073.26 to 3024.13)	-0.8902	0.014	0.55777330	0.7068498
Algeria	1649.84 (1410.25 to 1927.7)	1307.02 (1097.95 to 1566.82)	-0.8027	<0.001	0.46048691	0.6595009
Angola	3293.4 (2557.47 to 4221.97)	2849.49 (2144.98 to 3740.12)	-0.5426	<0.001	0.27073694	0.4537219
Azerbaijan	3751.03 (3384.47 to 4132.1)	2696.93 (2270.53 to 3175.49)	-0.8224	0.005	0.59598603	0.6948513
Bangladesh	2495.19 (2144.02 to 2780.3)	1774.47 (1386.73 to 2236.28)	-0.9503	<0.001	0.22854893	0.4924209
Benin	2445.64 (2006.49 to 2857.21)	2219.25 (1691.38 to 2811.33)	-0.4413	0.024	0.21890715	0.3734866
Burkina Faso	2855.65 (2188.57 to 3798.66)	2634.86 (1884.08 to 3453.45)	-0.3318	<0.001	0.12969562	0.2851184

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Burundi	4151.76 (3279.32 to 5110.85)	2778.18 (2084.21 to 3607.72)	-1.3212	<0.001	0.20586736	0.2893744
Cameroon	2669.64 (2278.08 to 3147.67)	2654.96 (1956.89 to 3506.24)	-0.0192	0.815	0.30305533	0.4796912
Chad	2077.04 (1656.29 to 2625.33)	2503.13 (1883.18 to 3200.5)	0.6501	<0.001	0.11463883	0.2404360
Coted'Ivoire	1902.03 (1570.95 to 2290)	1876.81 (1398.44 to 2437.64)	0.0118	0.879	0.27932035	0.4259419
Democratic Republic of the Congo	2646.18 (2170.83 to 3220.3)	2468.59 (1889.75 to 3180.79)	-0.2509	<0.001	0.28984321	0.3831798
Dominican Republic	2306.67 (2041.25 to 2618.54)	2503.37 (2022.55 to 3110.13)	0.4988	0.035	0.44265408	0.6193882
Egypt	2052.56 (1844.78 to 2305.99)	2663.03 (2231.97 to 3165.9)	0.9520	<0.001	0.41718274	0.6067871
Fiji	2917.22 (2476.7 to 3409.97)	2853.7 (2170.11 to 3685.46)	-0.1072	0.456	0.53464891	0.6750516
Gambia	2026.05	2283.76	0.4454	0.088	0.23871485	0.4097142

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(1596.38 to 2532.53)	(1697.44 to 2957.44)				
Ghana	2466.49 (1911.45 to 3078.19)	2334.42 (1835.72 to 2850.97)	-0.0803	0.150	0.37311200	0.5649304
Guinea	2869.12 (2393.57 to 3408.79)	2749.27 (2089.66 to 3548.06)	-0.1386	<0.001	0.17829542	0.3364013
India	2131.24 (1897.22 to 2318.25)	2016.32 (1841.37 to 2206.9)	-0.1192	0.078	0.33259360	0.5754016
Indonesia	2412.77 (1977.23 to 2766.98)	2625.02 (2063.31 to 3158.27)	0.2547	<0.001	0.45713495	0.6568683
Iraq	2378.48 (2003.3 to 2811.39)	2413.22 (1875.76 to 2964.2)	0.0475	0.549	0.41204417	0.6626262
Kazakhstan	5646.63 (5299.98 to 6049.95)	2668.68 (2365.58 to 2952.61)	-2.4655	<0.001	0.58943580	0.7251445
Kyrgyzstan	4120.32 (3714.86 to 4499.25)	2466.36 (2100.49 to 2906.82)	-1.5601	<0.001	0.51940765	0.6039793
Lao People's Democratic Republic	3698.75 (2773.14 to 4591.09)	2847.53 (2155.74 to 3590.74)	-0.8474	<0.001	0.26428316	0.4891361

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Liberia	2460.21 (1899.68 to 3036.97)	2476.47 (1768.13 to 3350.37)	-0.1779	0.120	0.23529685	0.3524425
Madagascar	3212.7 (2794.27 to 3621.97)	2692.31 (2076.48 to 3455.4)	-0.5741	<0.001	0.27988946	0.4002469
Mauritania	3127.76 (2200.93 to 4151.96)	2553.98 (1933.02 to 3331.63)	-0.6602	<0.001	0.33578094	0.4989451
Morocco	1454.2 (1262.36 to 1669.5)	1547.5 (1188.56 to 1891.5)	0.2110	<0.001	0.35807287	0.5626983
Myanmar	3405.67 (2595.34 to 4239.83)	2558.26 (1987.56 to 3236.54)	-0.9727	<0.001	0.31921972	0.5339008
Namibia	2271.86 (1956.34 to 2607.06)	2876.92 (2109.3 to 3761.05)	0.7983	<0.001	0.45004023	0.6175649
Nepal	2164.06 (1764.86 to 2618.88)	1892.63 (1503.22 to 2406.54)	-0.4982	<0.001	0.19956065	0.4331746
Niger	2269.31 (1794.94 to 2789.69)	1946.32 (1417.09 to 2634.63)	-0.4514	0.001	0.08086848	0.1680728
Oman	1487.98	1098.02	-1.0218	<0.001	0.42927095	0.7733916

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(1126.57 to 1933.76)	(902.48 to 1314.44)				
Palestine	3152.53 (2530.55 to 3927.91)	2629.03 (2295.48 to 3018.03)	-0.5877	<0.001	0.40179221	0.6310117
Papua New Guinea	2404.4 (1689.82 to 3293.85)	2295.32 (1700.37 to 3031.18)	-0.1426	<0.001	0.31066863	0.4177974
Philippines	2604.55 (2400.56 to 2818.52)	2700.1 (2305.59 to 3099.25)	0.1935	<0.001	0.51001180	0.6512193
Samoa	2575.56 (2159.98 to 3050.8)	2539.12 (2102.5 to 3125.11)	-0.0850	0.022	0.48749143	0.5933928
Sao Tome and Principe	2212.32 (1877.33 to 2557.03)	2477.51 (2078.71 to 2941.08)	0.3567	0.001	0.30954285	0.5054137
Saudi Arabia	1606.69 (1244.45 to 2010.29)	1612.02 (1328.34 to 1949.05)	0.0039	0.960	0.53895452	0.8151435
Senegal	2307.03 (1955.91 to 2709.8)	2398.26 (1851.39 to 3039.41)	0.1146	0.277	0.23804761	0.4080542
Sierra Leone	2215.49 (1583.32 to 2873.73)	2207.21 (1607.84 to 2867.17)	0.0653	0.302	0.21156934	0.3586659

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Sudan	2345.62 (1862.38 to 2887.54)	2131.38 (1521.16 to 2869.02)	-0.2934	<0.001	0.29217864	0.5419497
Syrian Arab Republic	2121.86 (1743.73 to 2571.23)	1846.57 (1408.56 to 2414.24)	-0.4179	<0.001	0.43049264	0.6230041
Tajikistan	3472.31 (3139.9 to 3830.67)	2131.99 (1813.06 to 2471.1)	-1.5573	<0.001	0.46615541	0.5415112
Timor-Leste	2191.37 (1696.47 to 2687.36)	2125.45 (1680.31 to 2626.76)	-0.1607	0.106	0.26246808	0.4446676
Togo	2149.12 (1796.17 to 2570.1)	2435.61 (1780.57 to 3193.02)	0.3871	<0.001	0.26969227	0.4085337
Turkmenistan	3780.38 (3576.83 to 3995.89)	2666.56 (2087.3 to 3429.82)	-0.9552	<0.001	0.56312689	0.6821608
United Arab Emirates	3813.63 (3043.07 to 4705.08)	2839.09 (2353.11 to 3411.53)	-0.8295	0.028	0.64441227	0.8493177
Uzbekistan	3044.08 (2884.06 to 3216.65)	2025.72 (1727.14 to 2349.43)	-1.2705	<0.001	0.50024174	0.6626217
Vanuatu	2647.12	2733	0.1325	0.211	0.35310025	0.4731007

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(2055.57 to 3461.17)	(2238.44 to 3323.43)				
Viet Nam	2829.57 (2292.51 to 3485.21)	2723.68 (2167.7 to 3297.72)	-0.1435	0.001	0.40763005	0.6279337
Yemen	2336.19 (1673.4 to 3071.07)	2140.13 (1427.3 to 2897.39)	-0.3897	0.034	0.21566459	0.4503764

**Supplementary Table SVIII.** In dual-burden regions, ASDR of neoplasms in 1990 and 2021, and change from 1990 to 2021. Abbreviations: ASDR, age-standardized disability-adjusted life years rates; SDI, sociodemographic index; UI, uncertainty interval; AAPC, average annual percent change.

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Afghanistan	3980.96 (2647.33 to 5069.94)	3741.43 (2580.17 to 4804.85)	-0.1736	<0.001	0.17383217	0.33720000
American Samoa	3409.27 (3077.89 to 3780.58)	3772.68 (3237.81 to 4467.54)	0.4014	<0.001	0.61363392	0.72372753
Armenia	4417.07 (4251.87 to 4586.39)	3305.18 (2934.17 to 3670.71)	-1.0281	<0.001	0.54441453	0.70183319

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Belarus	4282.57 (4077.48 to 4502.99)	3517.69 (2883.6 to 4234.32)	-0.6459	0.071	0.62244658	0.78448471
Bulgaria	4345.29 (4049.75 to 4714.27)	4374.11 (3692.6 to 5027.5)	0.0477	0.829	0.63344650	0.76815094
Cambodia	3542.26 (2994.18 to 4134.24)	3247.15 (2531.53 to 4082)	-0.2714	<0.001	0.28907506	0.47362149
Central African Republic	3819.44 (3218.84 to 4464.03)	3242 (2466.77 to 4187.65)	-0.5279	<0.001	0.21682519	0.30916769
Congo	4108.56 (3350.39 to 4981.12)	3353.26 (2571.03 to 4354.98)	-0.6216	<0.001	0.42065466	0.58307524
Democratic People's Republic of Korea	3756.5 (2808.34 to 4865.66)	3317.15 (2573.07 to 4242.15)	-0.4274	<0.001	0.49778013	0.56985463
Djibouti	3284.48 (2536.35 to 4236.43)	3314.76 (2420.57 to 4625.35)	0.0581	0.440	0.33778179	0.48795837
Equatorial Guinea	3254.66 (2558.85 to 4039.89)	2965.29 (2018.71 to 4219.5)	-0.3104	0.005	0.26878363	0.65785746
Eritrea	4229.17	3813.21	-0.3739	<0.001	0.21602824	0.40386394

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(3539.91 to 4978.13)	(2895.97 to 4894.54)				
Eswatini	3838.61 (3150.36 to 4515.46)	5114.49 (3535.52 to 6881.7)	0.9760	<0.001	0.39942095	0.58545971
Gabon	3598.74 (2941.68 to 4211.64)	3387.68 (2553.8 to 4337.98)	-0.1259	0.054	0.45542119	0.63469139
Georgia	3744.3 (3475.77 to 4008.21)	4020.67 (3635.19 to 4457.57)	0.3280	0.223	0.65613604	0.73247360
Guinea-Bissau	3775.74 (2893.8 to 4726.96)	3420.16 (2669.08 to 4138.64)	-0.3013	<0.001	0.20761484	0.35310962
Guyana	3103.02 (2810.16 to 3440.75)	3095.46 (2416.18 to 3944.16)	0.1011	0.518	0.46043013	0.65081234
Haiti	4850.48 (3750.87 to 5742.58)	4018.18 (2967.31 to 5077.89)	-0.5533	<0.001	0.31033463	0.44827828
Honduras	2466.13 (2183.87 to 2790.5)	2950.03 (2409.59 to 3719.09)	0.6336	<0.001	0.33204289	0.51303725
Kiribati	3598.29 (2987.76 to 4219.78)	3620.76 (2828.87 to 4571.52)	0.0268	0.153	0.41038982	0.52718658

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Latvia	4455.72 (4261.73 to 4662.27)	3764.51 (3342.98 to 4176.46)	-0.3659	0.298	0.68019364	0.83066352
Lesotho	2699.28 (2175.01 to 3308.22)	5141.9 (3831.8 to 6581.46)	2.2490	<0.001	0.33915513	0.51039307
Libya	3115.53 (2608.61 to 3729.28)	3409.38 (2658.99 to 4455.25)	0.3854	0.016	0.52799817	0.72577140
Lithuania	4308.84 (4149.88 to 4452.31)	3795.6 (3310.78 to 4218.67)	-0.6726	0.147	0.66850394	0.85648405
Malawi	3240.1 (2784.19 to 3745.07)	3535.79 (2821.98 to 4421.1)	0.3537	<0.001	0.20401024	0.38455363
Malaysia	3026.52 (2793.34 to 3240.04)	2958.04 (2759.25 to 3170.69)	-0.1254	0.397	0.54579941	0.74252383
Marshall Islands	3247.26 (2778.28 to 3735.88)	3574.32 (2718.78 to 4467.48)	0.2756	<0.001	0.43083929	0.57409113
Micronesia (Federated States of)	3676.73 (2945.64 to 4484.06)	3639 (2814.4 to 4621.38)	-0.0678	0.023	0.46251162	0.58753497
Mongolia	6352.85	5529.63	-0.4115	0.027	0.46655012	0.61762156

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(5687.55 to 7153.21)	(4873.29 to 6238.79)				
Montenegro	4068.42 (3735.68 to 4448.77)	4116.1 (3602.48 to 4650.68)	0.3197	<0.001	0.67422572	0.79580058
Mozambique	2996.92 (2520.91 to 3499.39)	3394.28 (2467.74 to 4433.33)	0.4694	<0.001	0.17306472	0.32646261
Nauru	4672.05 (3507.75 to 5778.64)	4606.81 (3365.22 to 5904.64)	-0.0383	0.252	0.53914598	0.62517783
Niue	2929.38 (2373.17 to 3598.63)	3450.11 (2879.6 to 4103.9)	0.5828	<0.001	0.58753298	0.72622205
North Macedonia	4364.29 (4103.61 to 4645.29)	3843.98 (3244.52 to 4515.86)	-0.2968	0.002	0.60902609	0.75062970
Northern Mariana Islands	3714.26 (3083.88 to 4621.53)	3703.62 (3226.16 to 3938.36)	-0.0049	0.966	0.70859384	0.77153521
Pakistan	2931.1 (2610.06 to 3245.42)	3419.89 (2861.67 to 4175.67)	0.4992	<0.001	0.31046762	0.50402869
Palau	4987.75 (4003.04 to 6190.35)	4371.9 (3549.76 to 5314.79)	-0.4613	<0.001	0.66290951	0.75404693

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
Republic of Moldova	4372.39 (4190.9 to 4532.89)	3165.2 (2862.57 to 3500.21)	-1.0497	<0.001	0.60425176	0.73221488
Romania	3803.29 (3627.05 to 3991.85)	4053.89 (3606.91 to 4522.55)	0.2806	0.001	0.61929886	0.76845386
Russian Federation	4710.43 (4625.21 to 4787.44)	3509.11 (3218.34 to 3783.74)	-0.9885	0.001	0.67160058	0.80853600
Serbia	4793.81 (4453.89 to 5224.67)	4111.59 (3532.45 to 4717.08)	-0.6485	<0.001	0.63051102	0.79241629
Solomon Islands	3030.35 (1882.78 to 4101)	3144.68 (2433.04 to 4009.2)	0.0848	0.288	0.30121717	0.42936032
Somalia	4057.02 (3150.22 to 5110.03)	3542.72 (2669.1 to 4539.33)	-0.3954	<0.001	0.04884856	0.07768811
South Sudan	3378.47 (2641.7 to 4308.13)	3483.2 (2665.95 to 4488.72)	0.0685	0.572	0.20665650	0.27837113
Tokelau	3112.55 (2434.32 to 3893.92)	3364.21 (2784.2 to 4067.51)	0.3589	<0.001	0.52194239	0.68642562
Tuvalu	3407.99	3102.76	-0.2611	<0.001	0.40624757	0.57662053

Location	ASDR, per 100,000 (95% UI)		AAPC	P value	SDI 1990	SDI 2021
	1990	2021				
	(2875.71 to 4014.82)	(2596.66 to 3696.51)				
Ukraine	4796.59 (4596.02 to 4969.21)	3225.11 (2350.23 to 4114.73)	-1.5070	<0.001	0.64746147	0.76077391
United Republic of Tanzania	3549.2 (2920.63 to 4243.22)	3061.6 (2397.78 to 3851)	-0.5383	<0.001	0.25930607	0.44656827
Zambia	4097.78 (3548.06 to 4746.21)	4316.29 (2945.05 to 6405.01)	0.2466	<0.001	0.30400855	0.50594895
Zimbabwe	3651.5 (3056.54 to 4252.06)	5397.5 (4229.88 to 6808.74)	1.2414	<0.001	0.39855934	0.47381949