

Statistical Annex

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Table A.1: Basic Urbanization and Climate Change Indicators for Selected Available Years by Country and Region, 2000-2030

Country / Territory Name	Annual Urban Population at Mid-Year by Region, Subregion, Country and Area (Thousands)				Percentage of Population at Mid-Year Residing in Urban Areas				Total Greenhouse Gas Emissions (kt of CO ₂ Equivalent) ^a			Total Greenhouse Gas Emissions per Capita (kt of CO ₂ Equivalent) ^a			CO ₂ Emissions (kt) ^b			CO ₂ Emissions per Capita (Metric Tons) ^b		
	2000	2010	2020	2030	2000	2010	2020	2030	2000	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
	2000	2010	2020	2030	2000	2010	2020	2030	2000	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
WORLD	2,868,308	3,594,868	4,378,994	5,167,258	46.7	51.7	56.2	60.4	34,208,319	43,442,887	46,120,921	5.57	6.23	5.90	24,280,272	32,095,873	33,566,428	3.95	4.60	4.29
More developed regions	883,880	954,091	1,003,640	1,049,699	74.2	77.2	79.1	81.4	...	...	...	...	...	...	...	...	...	...	...	...
Less developed regions	1,984,428	2,640,777	3,375,354	4,117,558	40.1	46.1	51.7	56.7	...	...	...	...	...	...	...	...	...	...	...	...
Least developed countries	166,315	250,013	372,038	538,529	25.0	29.5	34.6	40.4	938,938	1,289,739	1,618,512	1.42	1.53	1.51	110,415	210,098	351,230	0.17	0.25	0.33
Less developed regions, excluding least developed countries	1,818,113	2,390,764	3,003,315	3,579,029	42.4	49.0	55.1	60.4	...	...	...	...	...	...	...	...	...	...	...	...
Less developed regions, excluding China	1,501,700	1,946,607	2,473,276	3,071,076	41.2	44.9	48.8	53.1	...	...	...	...	...	...	...	...	...	...	...	...
High-income countries	821,849	919,423	988,586	1,048,879	76.8	80.0	81.9	83.9	15,731,562	15,682,130	13,880,328	12.52	11.78	9.96	12,857,971	12,887,173	10,864,997	10.23	9.68	7.79
Middle-income countries	1,935,345	2,511,183	3,144,887	3,756,587	41.6	47.9	53.7	59.0	16,131,544	24,926,545	29,750,102	3.60	4.89	5.19	9,982,802	17,394,872	21,203,591	2.23	3.41	3.70
Upper-middle-income countries	1,159,791	1,487,718	1,821,036	2,068,825	50.3	59.8	68.2	74.8	11,346,445	18,419,380	21,786,984	4.80	7.16	7.81	7,522,849	13,650,212	16,383,996	3.18	5.30	5.88
Lower-middle-income countries	775,555	1,023,464	1,323,851	1,687,762	33.1	37.1	41.6	47.0	4,785,099	6,507,165	7,963,118	2.26	2.58	2.70	2,459,953	3,744,660	4,819,596	1.16	1.48	1.64
Low-income countries	109,161	161,884	242,877	358,848	25.7	28.9	33.2	38.3	702,577	887,450	976,442	1.84	1.74	1.46	156,945	196,254	179,665	0.41	0.38	0.27
Sub-Saharan Africa	202,641	305,508	458,670	666,165	31.4	36.1	41.4	47.0	1,529,884	1,978,043	2,258,596	2.28	2.25	1.96	498,621	692,188	760,868	0.74	0.79	0.66
AFRICA	285,998	408,587	587,738	824,014	35.0	38.9	43.5	48.4	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Africa	54,951	84,504	132,520	202,579	21.0	24.4	29.0	34.5	...	...	...	...	...	...	...	...	...	...	...	...
Burundi	528	933	1,637	2,780	8.2	10.6	13.7	17.6	1,660	2,561	4,103	0.26	0.28	0.34	263	323	713	0.04	0.04	0.06
Comoros	152	193	255	345	28.1	28.0	29.4	32.5	304	418	620	0.57	0.64	0.77	105	168	328	0.20	0.26	0.41
Djibouti	549	655	781	906	76.5	77.0	78.1	80.0	1,222	1,415	1,395	1.65	1.54	1.28	373	519	428	0.50	0.56	0.39
Eritrea	902	1,544	2,246	3,210	26.6	35.2	41.3	47.8	5,541	5,413	6,242	2.32	1.72	1.76	633	503	706	0.26	0.16	0.20
Ethiopia	9,807	15,189	24,463	37,496	14.7	17.3	21.7	26.9	72,193	116,923	167,300	1.08	1.31	1.43	3,557	6,473	18,098	0.05	0.07	0.15
Kenya	6,256	9,747	14,975	22,383	19.9	23.6	28.0	33.4	35,347	59,567	80,188	1.15	1.43	1.54	8,630	13,424	19,447	0.28	0.32	0.37
Madagascar	4,276	6,755	10,670	16,102	27.1	31.9	38.5	45.2	25,877	27,668	30,566	1.60	1.27	1.08	1,654	1,870	2,745	0.10	0.09	0.10
Malawi	1,662	2,358	3,535	5,551	14.6	15.5	17.4	20.9	3,964	6,370	11,982	0.35	0.43	0.62	875	984	1,640	0.08	0.07	0.08
Mauritius	506	519	519	539	42.7	41.6	40.8	41.9	4,312	5,787	6,436	3.63	4.63	5.08	2,432	3,662	3,720	2.05	2.93	2.94
Mayotte	72	102	125	157	47.7	49.0	45.8	45.7	...	...	...	...	...	...	...	...	...	...	...	...
Mozambique	5,257	7,710	11,978	18,195	29.1	31.8	37.1	42.9	20,049	27,104	33,749	1.13	1.17	1.08	1,427	2,681	6,946	0.08	0.12	0.22
Réunion	672	818	893	956	91.2	98.5	99.7	99.9	...	...	...	...	...	...	...	...	...	...	...	...
Rwanda	1,198	1,735	2,281	3,144	14.9	16.9	17.4	19.6	3,199	4,891	6,330	0.39	0.47	0.48	661	704	1,382	0.08	0.07	0.11
Seychelles	41	49	55	61	50.4	53.3	57.5	61.7	384	556	770	4.73	6.19	7.82	294	444	599	3.62	4.94	6.08
Somalia	2,996	4,738	7,431	11,229	33.2	39.3	46.1	52.1	25,198	24,992	26,272	2.89	2.08	1.59	487	631	660	0.06	0.05	0.04
South Sudan	1,106	1,798	2,749	4,164	16.5	17.9	20.2	24.1	52,686	68,562	56,051	8.62	7.06	5.28	460	1,313	1,743	0.08	0.14	0.16
Uganda	3,554	6,574	11,775	19,914	14.8	19.4	25.0	31.2	17,089	30,982	39,280	0.71	0.96	0.88	1,298	3,332	5,675	0.05	0.10	0.13
United Republic of Tanzania	7,625	12,960	22,113	35,529	22.3	28.1	35.2	42.4	45,589	65,993	89,255	1.32	1.46	1.45	2,946	6,910	14,436	0.09	0.15	0.23
Zambia	3,665	5,451	8,336	12,549	34.8	39.4	44.6	50.5	22,880	29,281	36,108	2.31	2.12	1.91	1,807	2,657	7,607	0.18	0.19	0.40
Zimbabwe	4,126	4,676	5,700	7,370	33.8	33.2	32.2	34.2	31,040	28,229	25,988	2.62	2.20	1.66	13,579	9,518	8,313	1.15	0.74	0.53
Middle Africa	38,184	59,348	90,619	133,728	39.7	45.2	50.6	56.2	...	...	...	...	...	...	...	...	...	...	...	...
Angola	8,235	13,971	21,937	32,437	50.1	59.8	66.8	72.5	57,983	78,894	70,781	3.54	3.38	2.12	16,204	22,802	19,815	0.99	0.98	0.59
Cameroon	6,956	10,297	14,942	20,857	45.5	51.6	57.6	63.2	86,000	84,904	93,349	5.70	4.27	3.52	5,209	7,014	9,928	0.35	0.35	0.37
Central African Republic	1,413	1,731	2,077	2,918	37.6	38.9	42.2	47.6	24,761	21,491	21,016	6.59	4.61	3.93	243	175	237	0.06	0.04	0.04
Chad	1,805	2,613	3,830	5,819	21.6	22.0	23.5	27.1	34,515	54,743	89,558	4.18	4.60	5.38	507	1,190	1,568	0.06	0.10	0.09
Congo	1,893	2,775	3,857	5,290	58.7	63.3	67.8	72.3	13,092	17,325	19,422	4.18	3.90	3.41	4,347	5,423	7,154	1.39	1.22	1.25
Democratic Republic of the Congo	16,534	25,818	40,848	62,343	35.1	40.0	45.6	51.8	34,138	49,865	56,120	0.70	0.75	0.60	1,635	2,654	3,026	0.03	0.04	0.03
Equatorial Guinea	302	627	1,028	1,445	49.1	65.9	73.1	77.2	6,705	12,842	9,543	9.79	11.73	5.98	1,982	6,048	4,350	2.89	5.53	2.73
Gabon	971	1,403	1,938	2,403	78.9	85.5	90.1	92.7	16,494	15,517	14,849	12.96	9.07	6.48	6,080	5,762	5,349	4.78	3.37	2.33
Sao Tome and Principe	74	114	162	215	53.4	65.0	74.4	80.0	72	128	180	0.50	0.70	0.82	54	103	141	0.37	0.56	0.65
Northern Africa	83,357	103,079	129,068	157,849	48.3	50.5	52.5	55.3	...	...	...	...	...	...	...	...	...	...	...	...
Algeria	18,685	24,394	31,951	38,232	59.9	67.5	73.7	78.3	161,799	210,956	266,703	5.26	5.88	6.14	80,047	114,179	161,563	2.60	3.18	3.72
Egypt	29,917	36,183	44,041	53,613	42.8	43.0	42.8	44.8	187,899	289,376	299,779	2.63	3.32	2.79	114,614	200,313	210,752	1.61	2.30	1.96
Libya	4,091	4,815	5,376	6,140	76.4	78.1	80.7	83.6	102,689	126,229	75,370	19.92	19.44	11.33	44,725	59,560	44,467	8.68	9.17	6.68
Morocco	15,387	18,803	23,552	28,069	53.3	58.0	63.5	68.7	49,443	70,743	88,028	1.73	2.18	2.40	32,877	51,750	66,720	1.15	1.59	1.82
Sudan	8,855	11,378	15,349	21,775	32.5	33.1	33.3	39.7	77,778	93,567	107,114	2.96	2.77	2.41	5,691	16,427	20,796	0.22	0.49	0.47
Tunisia	6,152	7,092	8,281	9,372	63.4	66.7	69.6	73.0	30,634	39,562	40,883	3.10	3.63	3.36	21,069	28,322	29,293	2.13	2.60	2.41
Western Sahara	269	414	519	647	85.8	86.3	86.8	87.8	...	...	...	...	...	...	...	...	...	...	...	...
Southern Africa	28,156	35,033	43,688	51,909	53.8	59.4	64.6	69.4	...	...	...	...	...	...	...	...	...	...	...	...
Botswana	920	1,258	1,712	2,151	53.2	62.4	70.9	76.8	13,641	20,890	12,375	7.90	9.99	4.86	4,034	3,372	5,764	2.34	1.61	2.26
Lesotho	365	506	674	887	19.5	24.8	29.0	34.0	3,640	3,922	4,014	1.82	1.94	1.78	1,748	2,159	2,312	0.87	1.07	1.03
Namibia	615	904	1,403	1,972	32.4	41.6	52.0	60.8	10,654	12,644	13,560	5.86	6.02	5.45	1,942	3,104	3,953	1.07	1.48	1.59
South Africa																				

Table A.1: Continued

Country / Territory Name	Annual Urban Population at Mid-Year by Region, Subregion, Country and Area (Thousands)				Percentage of Population at Mid-Year Residing in Urban Areas				Total Greenhouse Gas Emissions (kt of CO ₂ Equivalent) ^a			Total Greenhouse Gas Emissions per Capita (kt of CO ₂ Equivalent) ^a			CO ₂ Emissions (kt) ^b			CO ₂ Emissions per Capita (Metric Tons) ^b		
	2000	2010	2020	2030	2000	2010	2020	2030	2000	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Ghana	8,320	12,431	17,626	23,641	43.9	50.7	57.3	63.4	16,828	23,142	39,070	0.86	0.90	1.21	4,950	10,383	19,401	0.25	0.41	0.60
Guinea	2,719	3,635	5,071	7,300	30.9	33.7	36.9	41.4	11,373	19,134	29,746	1.36	1.86	2.25	1,495	2,503	4,538	0.18	0.24	0.34
Guinea-Bissau	451	624	884	1,209	36.2	40.1	44.2	48.5	1,536	2,110	2,547	1.25	1.35	1.26	147	241	329	0.12	0.15	0.16
Liberia	1,279	1,888	2,659	3,722	44.3	47.8	52.1	57.3	828	1,385	2,155	0.29	0.34	0.42	426	730	1,180	0.15	0.18	0.23
Mali	3,110	5,427	8,907	13,850	28.4	36.0	43.9	51.2	20,910	29,096	43,492	1.86	1.87	2.05	1,094	2,154	4,151	0.10	0.14	0.20
Mauritania	1,032	1,682	2,647	3,808	38.1	46.6	55.3	62.7	8,953	10,904	14,056	3.32	3.19	3.12	1,119	2,074	3,847	0.42	0.61	0.86
Niger	1,838	2,664	4,003	6,542	16.2	16.2	16.6	18.7	19,006	28,101	44,796	1.64	1.69	1.84	660	1,361	2,198	0.06	0.08	0.09
Nigeria	42,627	68,950	107,113	156,300	34.8	43.5	52.0	59.2	256,055	271,563	322,337	2.08	1.69	1.55	97,215	90,055	111,978	0.79	0.56	0.54
Saint Helena	2	2	2	2	40.4	39.5	40.1	42.7	...	...	...	...	...	...	...	...	...	...	...	...
Senegal	3,985	5,654	8,277	11,778	40.3	43.8	48.1	53.2	17,764	22,096	30,293	1.83	1.76	1.84	4,064	7,026	10,680	0.42	0.56	0.65
Sierra Leone	1,626	2,510	3,454	4,651	35.6	38.9	42.9	47.8	2,442	4,535	5,952	0.53	0.70	0.72	333	560	1,048	0.07	0.09	0.13
Togo	1,636	2,441	3,588	5,106	32.9	37.5	42.8	48.6	4,388	6,562	8,395	0.88	1.00	0.99	1,269	2,630	2,415	0.25	0.40	0.29
ASIA	1,399,722	1,877,015	2,361,464	2,802,262	37.5	44.8	51.1	56.7	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Asia	635,753	868,193	1,078,435	1,222,479	42.0	54.4	64.8	72.8	...	...	...	...	...	...	...	...	...	...	...	...
China	460,377	669,354	875,076	1,017,847	35.9	49.2	61.4	70.6	4,567,274	10,211,637	12,942,868	3.62	7.63	9.17	3,346,526	8,474,923	10,944,686	2.65	6.34	7.76
China, Hong Kong SAR	6,664	7,025	7,548	7,987	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
China, Macao SAR	428	537	652	746	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
China, Taiwan Province of China	15,259	17,254	18,802	19,902	69.9	74.7	78.9	82.4	...	...	...	...	...	...	...	...	...	...	...	...
Dem. People's Republic of Korea	13,623	14,848	16,120	17,531	59.4	60.4	62.4	65.6	87,411	73,581	76,080	3.74	2.98	2.94	71,823	51,690	52,437	3.07	2.09	2.03
Japan	100,304	116,741	116,100	112,710	78.6	90.8	91.8	92.7	1,278,174	1,234,821	1,094,556	10.08	9.64	8.67	1,184,425	1,157,242	1,014,065	9.34	9.04	8.03
Mongolia	1,370	1,833	2,203	2,514	57.1	67.6	68.7	70.6	30,535	32,730	53,921	12.46	12.11	16.37	8,997	14,311	21,185	3.67	5.30	6.43
Republic of Korea	37,729	40,602	41,934	43,241	79.6	81.9	81.4	82.0	...	...	...	...	...	...	...	...	...	...	...	...
South-Central Asia	447,089	585,187	745,069	931,437	29.6	33.1	37.1	42.0	...	...	...	...	...	...	...	...	...	...	...	...
Central Asia	25,366	30,304	35,681	41,414	45.7	48.0	48.3	50.5	...	...	...	...	...	...	...	...	...	...	...	...
Kazakhstan	8,447	9,319	10,829	12,186	56.1	56.8	57.7	60.0	162,134	307,086	294,806	10.89	18.81	15.72	120,152	229,702	211,897	8.07	14.07	11.30
Kyrgyzstan	1,737	1,914	2,323	2,862	35.3	35.3	36.9	40.9	9,646	12,096	16,094	1.93	2.22	2.45	4,643	6,394	9,080	0.95	1.17	1.38
Tajikistan	1,647	2,027	2,606	3,444	26.5	26.5	27.5	30.8	6,617	8,792	17,692	1.05	1.15	1.85	2,201	2,447	9,329	0.35	0.32	0.98
Turkmenistan	2,074	2,467	3,167	3,917	45.9	48.5	52.5	57.9	117,808	151,459	194,092	25.78	28.75	31.05	38,508	59,175	63,655	8.43	11.23	10.18
Uzbekistan	11,462	14,577	16,756	19,005	46.1	51.0	50.4	51.8	178,538	189,868	187,520	7.24	6.65	5.48	123,805	126,241	115,578	5.02	4.42	3.38
Southern Asia	421,723	554,883	709,388	890,024	29.0	32.5	36.6	41.7	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	4,436	6,837	9,904	13,818	22.1	23.7	26.0	29.6	14,205	28,586	31,119	0.73	1.01	0.80	1,078	8,576	8,709	0.06	0.30	0.22
Bangladesh	31,041	46,347	64,815	84,689	23.6	30.5	38.2	45.6	111,593	158,532	206,570	0.86	1.07	1.23	20,687	50,488	85,493	0.16	0.34	0.51
Bhutan	146	253	353	444	25.4	34.8	42.3	48.6	1,058	1,163	1,631	1.80	1.65	2.11	389	493	1,035	0.66	0.70	1.34
India	291,350	380,745	483,099	607,342	27.7	30.9	34.9	40.1	1,719,665	2,569,052	3,200,821	1.62	2.07	2.29	937,858	1,659,983	2,200,836	0.89	1.34	1.58
Iran (Islamic Republic of)	42,352	52,664	63,421	71,205	64.0	70.6	75.9	80.1	515,092	756,069	844,649	7.86	10.03	9.68	340,456	541,171	616,561	5.19	7.18	7.06
Maldives	78	133	187	231	27.7	36.4	40.7	45.0	553	1,127	1,995	1.96	3.12	3.88	462	963	1,454	1.64	2.66	2.83
Nepal	3,181	4,531	6,226	8,408	13.4	16.8	20.6	25.4	26,541	31,722	45,869	1.08	1.17	1.56	3,221	4,641	14,949	0.13	0.17	0.51
Pakistan	45,687	59,692	77,438	99,360	33.0	35.0	37.2	40.7	233,585	323,172	436,609	1.51	1.66	1.92	98,374	140,379	184,111	0.64	0.72	0.81
Sri Lanka	3,452	3,681	3,945	4,528	18.4	18.2	18.7	21.1	20,641	24,597	35,117	1.10	1.19	1.60	10,929	13,072	21,846	0.58	0.63	1.00
South-Eastern Asia	198,781	264,804	334,419	404,497	37.9	44.3	50.0	55.6	...	...	...	...	...	...	...	...	...	...	...	...
Brunei Darussalam	237	291	348	397	71.2	75.0	78.3	81.1	6,700	9,331	11,914	20.06	23.56	26.97	4,718	7,171	9,588	14.13	18.11	21.71
Cambodia	2,259	2,904	4,050	5,458	18.6	20.3	24.2	29.0	19,380	27,846	42,363	1.60	1.94	2.58	1,963	5,141	18,653	0.16	0.36	1.14
Indonesia	88,851	121,053	154,189	185,755	42.0	49.9	56.6	62.8	666,121	788,132	976,488	3.11	3.23	3.59	280,636	415,537	563,197	1.31	1.70	2.07
Lao People's Democratic Republic	1,171	1,878	2,600	3,452	22.0	30.1	36.3	42.9	7,964	12,378	30,491	1.47	1.96	4.17	903	2,877	19,179	0.17	0.45	2.62
Malaysia	14,370	19,935	25,362	30,109	62.0	70.9	77.2	81.8	158,088	248,443	302,089	6.89	8.65	9.10	124,356	199,867	245,139	5.42	6.96	7.38
Myanmar	12,458	14,487	17,068	20,615	27.0	28.9	31.1	35.0	72,065	89,150	128,949	1.58	1.80	2.41	9,441	8,131	33,875	0.21	0.16	0.63
Philippines	35,981	42,488	52,009	63,844	46.1	45.3	47.4	50.9	138,557	158,250	224,972	1.78	1.67	2.01	71,943	81,918	133,471	0.92	0.87	1.19
Singapore	3,914	5,074	5,935	6,342	100.0	100.0	100.0	100.0	54,857	55,950	64,267	13.62	11.02	11.30	42,118	42,414	43,705	10.46	8.35	7.69
Thailand	19,760	29,475	35,698	40,676	31.4	43.9	51.4	58.4	257,421	361,218	433,773	4.08	5.29	6.07	168,941	240,768	265,479	2.68	3.53	3.71
Timor-Leste	211	308	433	600	24.3	27.7	31.3	35.2	657	7,041	5,537	...	6.47	4.26	0	244	446	0.00	0.22	0.34
Viet Nam	19,569	26,911	36,727	47,248	24.4	30.4	37.3	44.5	135,696	257,248	470,578	1.72	2.94	4.87	51,208	151,414	355,323	0.65	1.73	3.68
Western Asia	118,099	158,831	203,541	243,848	63.8	68.2	72.3	75.4	...	...	...	...	...	...	...	...	...	...	...	...
Armenia	1,985	1,825	1,861	1,906	64.7	63.4	63.3	65.5	5,991	7,562	10,422	1.89	2.57	3.71	3,561	4,337	6,747	1.12	1.47	2.40
Azerbaijan	4,174	4,824	5,696	6,491	51.4	53.4	56.4	60.8	38,179	44,321	55,352	4.74	4.89	5.48	27,687	24,312	34,305	3.44	2.69	3.40
Bahrain	587	1,100	1,520	1,828	88.4	88.6	89.5	90.8	25,624	40,906	54,151	36.02	33.71	36.65	15,877	25,966	32,470	22.32	21.39	21.98
Cyprus	648	752	807	873	68.6	67.6	66.8	68.1	8,155	9,209	8,109	8.60	8.15	6.55	7,128	7,898	6,772	7.52	6.99	5.47
Georgia	2,486	2,350	2,318	2,394	52.6	55.5	59.5	63.9	14,245	13,087	17,669	3.49	3.46	4.75	4,773	5,322	10,255	1.17	1.41	2.75
Iraq	16,141	21,258	29,423	39,208	68.5	69.1	70.9	73.6	139,559	167,515	261,290	5.67	5.36	6.14	87,631	108,550	163,512	3.56	3.47	3.84
Israel	5,485	6,819	8,068	9,337	91.2	91.8	92.6	93.5	73,844	89,229	83,664	11.74	11.70							

Table A.1: Continued

Country / Territory Name	Annual Urban Population at Mid-Year by Region, Subregion, Country and Area (Thousands)				Percentage of Population at Mid-Year Residing in Urban Areas				Total Greenhouse Gas Emissions (kt of CO ₂ Equivalent) ^a			Total Greenhouse Gas Emissions per Capita (kt of CO ₂ Equivalent) ^a			CO ₂ Emissions (kt) ^b			CO ₂ Emissions per Capita (Metric Tons) ^b		
	2000	2010	2020	2030	2000	2010	2020	2030	2000	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
	Russian Federation	107,382	105,486	107,486	108,337	73.4	73.7	74.8	77.1	2,137,886	2,249,521	2,331,479	14.58	15.75	16.05	1,563,846	1,617,828	1,618,271	10.67	11.33	11.14
Slovakia	3,036	2,955	2,931	2,998	56.2	54.7	53.8	55.6	45,992	43,072	35,984	8.53	7.99	6.59	38,072	35,432	29,036	7.07	6.57	5.32
Ukraine	32,794	31,412	30,335	29,537	67.1	68.6	69.6	71.7	367,478	329,151	227,342	7.47	7.18	5.14	297,377	268,925	165,664	6.05	5.86	3.75
Northern Europe	73,633	80,326	87,488	94,053	77.9	80.1	82.6	85.0	...	...	...	...	...	...	...	...	...	...	...	...
Channel Islands	45	50	52	56	30.5	31.1	31.0	32.2	...	...	...	...	...	...	...	...	...	...	...	...
Denmark	4,545	4,821	5,108	5,389	85.1	86.8	88.1	89.4	70,523	63,737	41,136	13.21	11.49	7.05	52,602	48,125	27,357	9.85	8.67	4.69
Estonia	971	907	900	895	69.4	68.1	69.2	71.4	18,061	21,672	10,199	12.93	16.28	7.67	14,933	18,500	7,098	10.69	13.89	5.34
Faroe Islands	17	20	21	23	36.3	40.9	42.4	44.8	...	...	...	...	...	...	...	...	...	...	...	...
Finland	4,264	4,495	4,772	4,970	82.2	83.8	85.5	86.6	69,644	75,320	47,740	13.45	14.04	8.63	55,098	62,526	36,330	10.64	11.66	6.57
Iceland	259	300	322	345	92.4	93.6	93.9	94.4	3,379	3,237	2,653	12.02	10.18	7.24	2,225	1,959	1,447	7.91	6.16	3.95
Ireland	2,277	2,848	3,111	3,484	59.2	61.5	63.7	66.8	71,316	64,973	59,498	18.74	14.25	11.93	42,534	40,348	33,742	11.18	8.85	6.77
Isle of Man	38	42	45	50	51.8	52.0	52.9	55.4	...	...	...	...	...	...	...	...	...	...	...	...
Latvia	1,623	1,437	1,293	1,222	68.1	67.8	68.3	69.9	10,909	12,854	11,437	4.61	6.13	6.02	6,930	8,518	6,928	2.93	4.06	3.65
Lithuania	2,346	2,085	1,941	1,920	67.0	66.8	68.0	70.6	20,401	21,317	19,785	5.83	6.88	7.08	10,516	12,603	11,694	3.00	4.07	4.18
Norway	3,420	3,865	4,522	5,130	76.0	79.1	83.0	86.1	47,471	50,072	46,117	10.57	10.24	8.57	34,283	40,116	36,177	7.63	8.21	6.73
Sweden	7,463	7,987	8,905	9,669	84.0	85.1	88.0	90.3	68,330	61,014	45,459	7.70	6.51	4.39	53,278	47,986	33,576	6.01	5.12	3.24
United Kingdom of Great Britain and Northern Ireland	46,365	51,470	56,495	60,899	78.7	81.3	83.9	86.3	690,358	594,575	398,324	11.72	9.47	5.94	530,888	482,646	308,650	9.01	7.69	4.60
Southern Europe	96,759	106,470	109,342	112,280	66.4	69.2	72.1	75.4	...	...	...	...	...	...	...	...	...	...	...	...
Albania	1,303	1,534	1,827	2,038	41.7	52.2	62.1	69.5	8,164	9,243	8,304	2.64	3.17	2.93	3,187	4,785	4,383	1.03	1.64	1.54
Andorra	60	75	68	69	92.4	88.8	87.9	87.8	588	627	578	8.90	8.77	7.43	524	517	449	7.93	7.22	5.78
Bosnia and Herzegovina	1,596	1,696	1,715	1,824	42.4	45.6	49.0	53.6	18,657	26,071	26,053	4.46	6.84	7.85	13,955	20,843	20,947	3.34	5.47	6.31
Croatia	2,366	2,387	2,369	2,394	53.4	55.2	57.6	61.5	25,206	26,152	21,379	5.64	6.09	5.28	18,034	19,457	15,627	4.04	4.53	3.86
Gibraltar	31	33	35	36	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
Greece	8,102	8,732	8,850	8,926	72.7	76.3	79.7	82.8	117,890	108,552	69,283	10.91	9.76	6.48	94,461	87,579	51,002	8.74	7.87	4.77
Holy See	1	1	1	1	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
Italy	38,514	40,811	42,007	43,161	67.2	68.3	71.0	74.3	517,178	482,672	352,129	9.08	8.14	5.92	436,297	405,272	281,287	7.66	6.84	4.73
Malta	366	391	412	420	92.4	94.1	94.7	95.4	2,413	3,006	2,082	6.19	7.25	4.04	2,129	2,587	1,611	5.46	6.24	3.13
Montenegro	359	400	425	443	58.5	64.1	67.5	70.9	4,015	4,138	3,764	6.64	6.68	6.06	1,521	2,584	2,527	2.51	4.17	4.07
Portugal	5,633	6,452	6,776	7,049	54.4	60.6	66.3	71.4	78,714	68,074	55,641	7.65	6.44	5.40	61,661	50,937	38,974	5.99	4.82	3.78
San Marino	26	30	33	34	93.4	95.7	97.5	98.4	...	...	...	...	...	...	...	...	...	...	...	...
Serbia	5,006	4,966	4,913	4,953	52.8	55.0	56.4	59.3	60,568	62,995	62,884	8.06	8.64	9.11	43,985	47,104	46,324	5.85	6.46	6.71
Slovenia	1,009	1,077	1,148	1,211	50.8	52.7	55.1	58.8	17,745	18,806	15,287	8.92	9.18	7.27	14,542	15,777	12,477	7.31	7.70	5.93
Spain	31,194	36,702	37,544	38,420	76.3	78.4	80.8	83.3	369,377	350,175	270,311	9.11	7.52	5.71	293,314	274,141	202,706	7.23	5.89	4.28
North Macedonia	1,191	1,182	1,221	1,303	58.5	57.1	58.5	62.7	11,473	11,251	9,769	5.66	5.78	5.26	8,522	8,330	6,797	4.21	4.28	3.66
Western Europe	139,053	147,957	156,558	163,286	76.0	78.5	80.2	82.2	...	...	...	...	...	...	...	...	...	...	...	...
Austria	4,859	4,827	5,159	5,531	60.2	57.4	58.7	61.8	78,694	83,551	71,018	9.82	9.99	7.96	63,539	69,965	59,142	7.93	8.37	6.63
Belgium	9,987	10,682	11,397	11,811	97.1	97.7	98.1	98.4	138,266	124,908	100,063	13.49	11.46	8.67	117,275	106,873	85,364	11.44	9.81	7.40
France	45,226	49,393	53,218	56,789	75.9	78.4	81.0	83.6	506,378	472,918	376,006	8.31	7.27	5.56	373,236	347,940	267,155	6.13	5.35	3.95
Germany	61,087	62,262	63,930	64,871	75.0	77.0	77.5	78.9	959,125	881,693	692,751	11.67	10.78	8.33	830,284	773,069	603,351	10.10	9.45	7.26
Liechtenstein	5	5	6	6	15.1	14.5	14.4	15.5	224	204	158	6.80	5.68	4.07	217	191	142	6.57	5.31	3.66
Luxembourg	367	450	552	629	84.2	88.5	91.5	93.2	9,437	12,035	8,814	21.63	23.74	13.98	8,557	11,029	7,853	19.61	21.76	12.46
Monaco	32	37	39	41	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
Netherlands (Kingdom of the)	12,230	14,536	15,847	16,671	76.8	87.1	92.2	94.8	206,298	200,804	155,912	12.95	12.09	8.94	162,097	171,111	130,315	10.18	10.30	7.47
Switzerland	5,260	5,765	6,409	6,937	73.4	73.6	73.9	75.4	52,787	54,762	43,988	7.35	7.00	5.09	43,709	45,208	34,916	6.08	5.78	4.04
LATIN AMERICA AND THE CARIBBEAN	397,062	469,583	539,427	600,480	75.5	78.6	81.2	83.6	2,608,217	3,179,979	3,064,546	5.00	5.40	4.71	1,244,867	1,570,609	1,438,080	2.39	2.67	2.21
Caribbean	24,099	28,280	32,251	35,729	62.8	67.8	72.2	76.2	...	...	...	...	...	...	...	...	...	...	...	...
Anguilla	11	14	15	16	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
Antigua and Barbuda	27	25	26	28	32.1	26.2	24.4	24.8	585	1,005	1,204	7.79	11.73	12.99	313	466	475	4.16	5.44	5.12
Aruba	42	44	47	50	46.7	43.1	43.7	46.2	...	...	...	...	...	...	...	...	...	...	...	...
Bahamas	244	297	339	373	82.0	82.4	83.2	84.7	2,319	2,255	2,801	7.14	6.04	6.89	2,115	1,979	2,456	6.51	5.30	6.04
Barbados	91	89	90	95	33.8	31.9	31.2	32.8	3,533	3,874	3,656	13.35	14.10	13.03	1,188	1,482	1,096	4.49	5.39	3.90
British Virgin Islands	9	12	16	19	41.8	44.8	48.5	52.8	...	...	...	...	...	...	...	...	...	...	...	...
Caribbean Netherlands	11	16	20	21	74.9	74.7	75.0	76.5	...	...	...	...	...	...	...	...	...	...	...	...
Cayman Islands	42	56	64	71	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
Cuba	8,399	8,681	8,874	9,048	75.3	76.6	77.2	78.7	43,544	43,298	38,559	3.92	3.83	3.41	28,353	28,110	24,328	2.55	2.49	2.15
Curaçao	120	133	146	154	90.8	89.9	89.1	89.3	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	45	49	53	58	65.3	68.1	71.1	74.2	193	237	231	2.82	3.44	3.20	125	173	163	1.83	2.51	2.26
Dominican Republic	5,288	7,300	9,169	10,618	61.8	73.8	82.5	87.8	27,148	32,785	37,053	3.18	3.35	3.37	18,671	20,681	22,881	2.19	2.12	2.08
Grenada	36	38	40	44	35.7	35.9	36.5	38.9	2,059	2,242	2,397	19.17	19.66	19.39	199	274	325	1.85	2.40	2.62
Guadeloupe	418	444	442	442	98.4	98.4	98.5	98.7	...	...	...	...	...	...	...	...	...	...	...	...
Haiti	3,044	4,751	6,492	8,144	35.6	47.5	57.1	64.9	7,322	8,939	10,267	0.88	0.91	0.91	1,473	2,458	3,209	0.18	0.25	0.28
Jamaica	1,																			

Table A.1: Continued

Country / Territory Name	Annual Urban Population at Mid-Year by Region, Subregion, Country and Area (Thousands)				Percentage of Population at Mid-Year Residing in Urban Areas				Total Greenhouse Gas Emissions (kt of CO ₂ Equivalent) ^a			Total Greenhouse Gas Emissions per Capita (kt of CO ₂ Equivalent) ^a			CO ₂ Emissions (kt) ^b			CO ₂ Emissions per Capita (Metric Tons) ^b		
	2000	2010	2020	2030	2000	2010	2020	2030	2000	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
	Guatemala	5,281	7,082	9,284	11,963	45.3	48.4	51.8	56.4	18,677	24,360	33,166	1.61	1.71	1.97	9,443	11,478	16,865	0.81	0.80	1.00
Honduras	2,966	4,252	5,672	7,169	45.5	51.9	58.4	64.3	12,538	18,084	21,147	1.88	2.14	2.09	4,987	7,927	8,835	0.75	0.94	0.87
Mexico	76,007	91,292	108,074	123,198	74.7	77.8	80.7	83.5	539,609	650,218	592,321	5.51	5.78	4.70	379,176	462,870	383,131	3.87	4.11	3.04
Nicaragua	2,774	3,266	3,787	4,387	55.2	56.9	59.0	62.3	12,238	14,606	18,449	2.39	2.49	2.73	3,768	4,513	4,582	0.74	0.77	0.68
Panama	1,885	2,373	2,935	3,528	62.2	65.1	68.4	72.2	9,923	15,393	17,231	3.31	4.25	4.01	5,283	9,191	9,583	1.76	2.54	2.23
South America	278,162	325,597	368,409	404,258	79.6	82.4	84.6	86.5	...	...	...	...	...	...	...	...	...	...	...	...
Argentina	33,034	37,452	41,920	45,994	89.1	90.8	92.1	93.2	294,271	342,497	361,433	7.94	8.40	7.97	132,266	167,226	154,536	3.57	4.10	3.41
Bolivia (Plurinational State of)	5,153	6,589	8,095	9,700	61.8	66.4	70.1	73.7	31,098	48,348	55,203	3.62	4.73	4.62	8,108	14,702	18,375	0.94	1.44	1.54
Brazil	142,320	165,969	186,217	201,296	81.2	84.3	87.1	89.3	772,340	999,925	1,064,709	4.39	5.09	4.99	313,671	397,931	414,139	1.78	2.03	1.94
Chile	13,137	14,797	16,206	17,446	86.1	87.1	87.7	88.8	70,030	91,818	106,722	4.56	5.40	5.53	50,425	69,749	84,828	3.28	4.10	4.40
Colombia	29,882	35,799	40,892	44,804	74.0	78.0	81.4	84.3	141,246	162,039	186,999	3.60	3.62	3.67	58,996	64,146	79,058	1.50	1.43	1.55
Ecuador	7,615	9,363	11,124	13,049	60.3	62.7	64.2	66.7	49,012	71,886	68,056	3.88	4.80	3.87	22,052	37,254	34,431	1.75	2.49	1.96
Falkland Islands (Malvinas)	2	2	2	2	67.6	73.7	78.5	82.0	...	...	...	...	...	...	...	...	...	...	...	...
French Guiana	129	194	261	334	79.1	82.9	85.8	87.9	...	...	...	...	...	...	...	...	...	...	...	...
Guyana	216	199	212	236	28.7	26.6	26.8	28.6	3,246	3,575	5,282	4.28	4.78	6.63	1,660	1,759	2,769	2.19	2.35	3.47
Paraguay	2,934	3,680	4,394	5,154	55.3	59.3	62.2	65.7	30,409	39,953	50,784	5.93	6.93	7.67	3,524	5,043	7,576	0.69	0.87	1.14
Peru	18,929	22,450	26,082	29,643	73.0	76.4	78.3	80.5	62,721	84,787	89,865	2.35	2.90	2.70	28,634	44,999	46,579	1.07	1.54	1.40
Suriname	314	349	382	417	66.4	66.3	66.1	67.6	2,668	3,286	4,312	5.57	6.02	7.10	1,480	1,745	2,601	3.09	3.20	4.29
Uruguay	3,056	3,186	3,338	3,461	92.0	94.4	95.5	96.3	32,274	35,997	35,994	9.80	10.74	10.50	5,459	6,284	6,514	1.66	1.87	1.90
Venezuela (Bolivarian Republic of)	21,442	25,569	29,284	32,722	87.6	88.1	88.3	89.0	389,295	409,219	194,260	15.94	14.25	6.82	131,517	164,102	72,509	5.38	5.71	2.55
NORTHERN AMERICA	247,471	277,070	304,761	334,780	79.1	80.8	82.6	84.7	...	...	...	...	...	...	...	...	...	...	...	...
Bermuda	64	64	61	59	100.0	100.0	100.0	100.0	...	...	...	...	...	...	...	...	...	...	...	...
Canada	24,428	27,655	30,670	33,663	79.5	80.9	81.6	82.9	648,194	673,673	677,709	21.12	19.81	17.82	514,215	537,092	516,874	16.76	15.79	13.59
Greenland	46	48	50	51	81.6	84.4	87.3	89.3	...	...	...	...	...	...	...	...	...	...	...	...
Saint Pierre and Miquelon	6	6	6	6	89.1	89.9	90.0	90.5	...	...	...	...	...	...	...	...	...	...	...	...
United States of America	222,928	249,297	273,975	301,001	79.1	80.8	82.7	84.9	6,810,656	6,454,245	5,505,181	24.14	20.87	16.61	5,775,807	5,392,109	4,320,533	20.47	17.43	13.03
OCEANIA	21,329	24,941	28,919	32,831	68.3	68.1	68.2	68.9	...	...	...	...	...	...	...	...	...	...	...	...
Australia/New Zealand	19,380	22,608	26,095	29,319	84.5	85.3	86.3	87.7	...	...	...	...	...	...	...	...	...	...	...	...
Australia	16,060	18,842	21,904	24,740	84.2	85.2	86.2	87.6	606,861	589,473	571,903	31.89	26.76	22.30	339,423	395,993	378,997	17.84	17.97	14.78
New Zealand	3,320	3,765	4,191	4,579	86.0	86.2	86.7	87.8	77,212	80,643	80,158	20.01	18.54	15.75	29,455	31,049	31,360	7.64	7.14	6.16
Melanesia	1,362	1,706	2,138	2,757	18.9	19.0	19.6	21.4	...	...	...	...	...	...	...	...	...	...	...	...
Fiji	389	449	529	601	47.9	52.2	57.2	62.0	1,964	2,263	1,764	2.36	2.50	1.92	837	1,126	1,028	1.00	1.24	1.12
New Caledonia	132	168	205	242	61.9	67.1	71.5	75.3	...	...	...	...	...	...	...	...	...	...	...	...
Papua New Guinea	736	925	1,168	1,592	13.2	13.0	13.3	15.2	11,297	12,945	18,398	2.05	1.71	1.89	2,825	5,042	5,492	0.51	0.66	0.56
Solomon Islands	65	106	160	225	15.8	20.0	24.7	29.1	538	738	835	1.25	1.36	1.21	235	343	223	0.55	0.63	0.32
Vanuatu	40	58	75	97	21.7	24.5	25.5	27.4	569	709	589	2.96	2.89	1.89	89	127	121	0.46	0.52	0.39
Micronesia	326	335	375	421	65.6	66.6	69.2	71.5	...	...	...	...	...	...	...	...	...	...	...	...
Guam	145	150	160	173	93.1	94.1	94.9	95.7	...	...	...	...	...	...	...	...	...	...	...	...
Kiribati	36	49	68	88	43.0	47.4	55.6	62.2	55	79	89	0.62	0.73	0.70	36	54	57	0.40	0.50	0.45
Marshall Islands	36	39	41	45	68.6	73.6	77.8	81.1	135	176	165	2.49	3.30	3.80	103	141	110	1.90	2.64	2.53
Micronesia (Fed. States of)	24	23	25	29	22.3	22.3	22.9	24.9	252	174	194	2.25	1.62	1.73	187	105	108	1.68	0.98	0.96
Nauru	10	10	11	11	100.0	100.0	100.0	100.0	93	48	47	8.92	4.65	3.84	88	43	41	8.48	4.17	3.36
Northern Mariana Islands	62	49	51	53	90.2	90.9	91.8	92.8	...	...	...	...	...	...	...	...	...	...	...	...
Palau	13	15	18	21	70.3	74.8	81.0	85.0	228	236	196	11.58	12.72	10.89	212	215	158	10.72	11.59	8.80
Polynesia	262	292	312	334	42.7	44.3	44.4	45.0	...	...	...	...	...	...	...	...	...	...	...	...
American Samoa	51	49	49	50	88.6	87.6	87.2	87.8	...	...	...	...	...	...	...	...	...	...	...	...
Cook Islands	12	14	13	14	65.2	73.3	75.5	77.8	...	...	...	...	...	...	...	...	...	...	...	...
French Polynesia	133	162	180	195	56.0	60.3	62.0	63.5	...	...	...	...	...	...	...	...	...	...	...	...
Niue	1	1	1	1	33.1	38.7	46.2	52.5	...	...	...	...	...	...	...	...	...	...	...	...
Samoa	38	37	36	37	22.0	20.1	17.9	17.3	435	519	539	2.36	2.67	2.51	149	192	207	0.81	0.99	0.96
Tokelau	0	0	0	0	0.0	0.0	0.0	0.0	...	...	...	...	...	...	...	...	...	...	...	...
Tonga	23	24	26	29	23.0	23.4	23.1	23.8	235	256	268	2.29	2.38	2.55	103	118	118	1.00	1.10	1.12
Tuvalu	4	6	7	9	46.0	54.8	64.0	70.5	20	23	22	2.04	2.13	1.96	8	10	7	0.82	0.91	0.60
Wallis and Futuna Islands	0	0	0	0	0.0	0.0	0.0	0.0	...	...	...	...	...	...	...	...	...	...	...	...

Sources:

For urbanization related data: United Nations, Department of Economic and Social Affairs, Population Division (2018). World Urbanization Prospects: The 2018 Revision.

For climate-related data: The World Bank, World Bank Open Data, Climate Change Data, (Last Access: July 2024).

Notes:

(a) Total greenhouse gas emissions are composed of CO₂ totals excluding short-cycle biomass burning (such as agricultural waste burning and savanna burning) but including other biomass burning (such as forest fires, post-burn decay, peat fires and decay of drained peatlands), all anthropogenic CH₄ sources, N₂O sources and F-gases (HFCs, PFCs and SF₆).(b) Carbon dioxide emissions are those stemming from the burning of fossil fuels and the manufacture of cement. They include carbon dioxide produced during consumption of solid, liquid, and gas fuels and gas flaring.
Last Updated: 15/07/2024

Table A.2: Annual Mean Levels of Fine Particulate Matter (Population-Weighted), by Selected Locations at DEGURBA (Degree of Urbanisation)^a Level (Micrograms per Cubic Metre), 2010-2019

	Total			Urban				Total			Urban		
	2010	2015	2019	2010	2015	2019		2010	2015	2019	2010	2015	2019
WORLD	35.3	36.1	31.7	37.2	38.2	33.1							
Australia and New Zealand	9.1	6.7	8.9	9.3	6.8	9.1	Italy	20.1	17.3	14.2	20.9	17.9	14.7
Central America	22.3	22.1	18.0	23.1	22.8	18.6	Jamaica	14.6	15.7	14.8	15.5	16.8	15.8
Central and Southern Asia	53.0	53.2	48.3	56.4	56.7	51.3	Japan	14.2	12.8	10.8	14.6	13.1	11.1
Central Asia	43.8	44.0	37.4	52.1	52.0	44.0	Jersey	11.9	10.6	9.8	12.0	10.7	9.9
Eastern Africa	19.8	19.9	19.6	21.7	21.9	21.7	Jordan	24.5	25.3	25.9	24.4	25.2	25.8
Eastern and South-Eastern Asia	38.2	40.4	31.6	41.1	43.8	33.8	Kazakhstan	30.4	30.8	26.5	41.4	41.7	35.4
Eastern Asia	44.0	48.0	35.7	46.0	50.3	37.4	Kenya	12.4	12.5	12.5	12.2	12.3	12.3
Eastern Europe	16.5	13.7	12.2	17.9	14.8	13.2	Kiribati	7.6	7.3	7.6	8.0	7.6	8.0
Europe	15.8	13.3	11.5	16.7	14.0	12.1	Kuwait	66.5	66.2	64.1	70.0	69.4	67.2
Europe and Northern America	13.7	11.6	10.0	14.1	12.0	10.3	Kyrgyzstan	44.7	44.6	37.6	47.2	47.1	39.6
Latin America and the Caribbean	18.0	17.3	15.0	18.3	17.3	15.0	Lao People's Democratic Republic	22.9	20.5	21.2	26.0	23.5	24.2
Micronesia	7.6	7.8	7.9	7.8	8.0	8.2	Latvia	16.5	13.4	12.0	19.5	15.9	14.1
Northern Africa and Western Asia	35.2	35.8	35.9	38.7	39.3	39.7	Lebanon	24.2	24.5	24.2	24.4	24.7	24.4
Northern America	9.1	8.2	7.1	9.5	8.5	7.3	Lesotho	18.4	17.7	17.6	19.4	18.6	18.5
Northern Europe	11.9	10.0	8.8	12.8	10.8	9.3	Liberia	32.8	37.7	35.8	37.3	42.2	40.5
Oceania (exc. Australia and New Zealand)	8.3	8.6	8.6	8.7	8.9	9.0	Libya	31.2	29.1	29.8	29.1	27.3	28.3
Polynesia	7.5	7.7	7.8	7.8	8.0	8.1	Liechtenstein	13.5	11.6	9.9	13.5	11.6	9.9
South America	17.0	15.9	14.2	16.9	15.4	13.8	Lithuania	13.9	11.4	10.4	15.6	12.9	11.7
South-Eastern Asia	22.8	21.1	21.3	23.6	21.8	22.0	Luxembourg	12.4	10.4	8.9	12.6	10.7	9.1
Southern Africa	18.2	18.5	19.0	20.2	20.7	21.3	Madagascar	16.5	16.4	16.0	18.7	18.8	18.4
Southern Asia	53.3	53.6	48.7	56.5	56.8	51.5	Malawi	18.7	18.8	18.6	20.3	20.4	20.2
Southern Europe	18.4	15.8	13.3	18.8	16.2	13.5	Malaysia	22.7	21.4	21.5	25.0	23.7	23.7
Sub-Saharan Africa	31.8	33.6	32.7	33.9	36.0	35.4	Maldives	13.4	12.2	13.0	13.2	12.1	12.7
Western Africa	46.6	50.6	48.5	48.4	52.9	51.2	Mali	39.0	40.8	38.5	45.2	47.2	45.1
Western Asia	33.9	34.4	34.1	32.9	33.1	32.6	Malta	17.2	13.9	12.9	17.2	13.9	12.9
Western Europe	14.8	12.5	10.6	15.7	13.2	11.2	Marshall Islands	7.3	7.1	7.2	7.6	7.4	7.5
Least Developed Countries (LDCs)	32.7	33.0	31.4	37.7	38.1	35.9	Martinique	8.6	9.7	9.0	8.8	9.9	9.2
Landlocked developing countries (LLDCs)	33.6	33.8	31.5	36.3	36.5	34.2	Mauritania	38.9	43.7	42.0	46.9	53.2	51.3
Small Island Developing States (SIDS)	11.4	12.0	11.4	11.9	12.5	11.7	Mauritius	10.6	10.8	10.5	10.6	10.8	10.5
Afghanistan	69.0	67.2	62.5	83.1	81.4	75.2	Mayotte	13.2	13.9	13.8	13.3	14.0	13.9
Albania	21.9	19.0	16.3	22.3	19.3	16.6	Melanesia	8.4	8.7	8.7	9.0	9.3	9.3
Algeria	21.3	22.5	22.7	21.0	22.5	22.9	Mexico	22.1	21.8	17.8	22.9	22.6	18.4
American Samoa	7.4	7.7	7.8	7.6	7.9	8.0	Micronesia (Federated States of)	7.6	7.7	7.8	7.8	7.9	8.1
Andorra	11.4	9.9	8.5	11.9	10.4	8.9	Middle Africa	34.6	36.0	35.2	40.4	41.5	41.1
Angola	24.2	25.0	27.2	26.5	28.9	32.3	Monaco	11.9	10.4	9.2	11.9	10.4	9.2
Anguilla	7.6	8.2	7.7	7.7	8.3	7.8	Mongolia	45.2	47.8	41.3	57.4	59.5	50.6
Antigua and Barbuda	8.2	8.9	8.3	8.3	9.0	8.4	Montenegro	26.1	22.5	19.3	24.0	20.8	17.9
Argentina	13.1	14.2	12.0	12.3	13.2	11.2	Montserrat	7.8	8.2	7.6	...	...	...
Armenia	40.9	40.6	34.1	43.4	43.1	36.2	Morocco	13.2	13.5	13.4	13.4	13.8	13.7
Aruba	8.7	9.8	8.9	8.8	9.8	9.0	Mozambique	16.6	16.7	16.4	17.7	17.7	17.5
Australia	9.0	6.6	8.9	9.2	6.7	9.1	Myanmar	29.5	26.5	27.2	30.0	27.2	27.8
Austria	15.6	13.6	11.5	17.0	14.8	12.4	Namibia	11.9	11.9	11.8	13.1	13.1	13.1
Azerbaijan	30.1	29.7	24.6	32.1	31.5	26.2	Nauru	7.5	7.3	7.4	7.5	7.3	7.4
Bahamas	5.0	5.3	5.2	5.0	5.3	5.2	Nepal	39.8	39.8	36.4	40.9	40.7	36.9
Bahrain	55.9	56.4	51.8	55.9	56.4	51.8	Netherlands (Kingdom of the)	15.0	12.6	10.7	15.2	12.8	10.9
Bangladesh	49.4	50.6	46.0	50.3	51.6	46.8	New Caledonia	7.6	7.8	8.0	8.2	8.4	8.5
Barbados	9.1	10.5	9.8	9.2	10.6	9.8	New Zealand	9.3	6.9	8.6	9.5	7.0	8.7
Belarus	19.9	16.5	15.5	22.3	18.3	17.2	Nicaragua	19.9	20.6	16.0	20.9	21.7	16.7
Belgium	16.1	13.3	11.3	16.5	13.6	11.6	Niger	49.5	52.9	50.2	54.6	58.3	55.5
Belize	9.9	11.1	10.5	9.9	11.1	10.4	Nigeria	52.8	57.3	55.6	52.0	56.3	55.3
Benin	31.0	33.1	31.5	30.8	33.2	31.8	Niue	6.4	6.5	6.7	...	...	...
Bermuda	6.1	5.5	5.0	6.2	5.6	5.1	Norfolk Island	6.9	7.0	7.2	...	...	...
Bhutan	29.5	29.0	26.1	20.2	19.0	16.9	North Macedonia	34.5	29.5	25.2	39.5	33.6	28.7
Bolivia (Plurinational State of)	28.0	26.5	25.2	29.6	28.3	26.9	Northern Africa	36.6	37.5	38.1	43.5	44.5	45.6
Bosnia and Herzegovina	34.9	30.7	26.2	39.5	34.7	29.7	Northern Mariana Islands	7.5	7.8	7.8	7.5	7.9	7.9
Botswana	14.1	12.9	12.8	15.2	14.5	14.4	Norway	7.9	6.8	6.3	9.2	7.9	7.2
Brazil	14.6	12.0	10.9	15.0	12.4	11.3	Oceania	8.9	7.2	8.8	9.2	7.0	9.0

Table A.2: Continued

	Total			Urban				Total			Urban		
	2010	2015	2019	2010	2015	2019		2010	2015	2019	2010	2015	2019
British Virgin Islands	7.8	8.3	8.0	7.9	8.4	8.1	Oman	35.5	35.8	34.9	37.2	37.1	35.8
Brunei Darussalam	8.3	7.8	6.9	8.2	7.7	6.8	Pakistan	56.4	55.9	50.1	58.2	57.6	51.6
Bulgaria	23.9	20.4	17.3	25.8	22.0	18.6	Palau	7.2	8.0	7.8	7.4	8.1	7.9
Burkina Faso	41.3	43.6	40.7	45.4	48.7	46.0	Panama	14.1	14.9	11.8	14.2	15.0	11.9
Burundi	27.8	28.4	28.0	28.2	28.7	28.4	Papua New Guinea	8.7	9.0	8.9	9.3	9.6	9.5
Cabo Verde	28.2	33.4	31.1	29.5	34.9	32.6	Paraguay	16.4	13.0	12.3	17.4	14.0	13.2
Cambodia	18.8	17.4	17.8	19.4	18.0	18.3	Peru	29.6	30.3	29.1	31.4	32.6	31.7
Cameroon	53.6	59.1	56.4	57.3	63.7	61.6	Philippines	23.8	22.1	22.5	25.9	23.8	24.2
Canada	7.8	7.2	6.4	8.2	7.5	6.7	Pitcairn	6.3	6.5	6.6	...	...	...
Caribbean	10.1	10.7	10.1	10.3	10.9	10.3	Poland	26.3	22.6	18.8	28.0	23.9	19.9
Cayman Islands	11.6	12.5	11.8	11.7	12.7	11.9	Portugal	10.5	8.7	7.3	11.0	9.0	7.6
Central African Republic	27.9	29.1	27.2	32.7	34.2	32.2	Puerto Rico	6.5	7.0	6.7	6.6	7.1	6.7
Chad	41.6	44.5	41.2	53.1	58.2	54.0	Qatar	64.3	65.9	59.0	65.4	67.0	60.0
Chile	22.3	24.2	20.5	24.1	26.0	22.2	Republic of Korea	29.8	27.6	24.0	30.3	28.0	24.4
China	47.2	51.8	38.2	49.5	54.5	40.2	Republic of Moldova	16.8	13.6	12.4	17.3	14.0	12.7
Christmas Island	8.0	8.1	8.4	...	...	...	Réunion	11.8	12.1	12.1	11.9	12.2	12.2
Cocos (Keeling) Islands	7.3	7.4	7.7	...	...	...	Romania	18.1	15.4	13.3	19.4	16.5	14.1
Colombia	17.4	17.3	14.0	18.7	18.6	15.1	Russian Federation	11.9	9.5	8.9	13.3	10.5	9.9
Comoros	13.7	14.5	14.4	13.8	14.7	14.5	Rwanda	34.4	34.7	35.7	34.4	34.8	35.7
Congo	30.4	29.0	29.5	36.2	35.0	37.8	Saint Helena	16.9	17.0	17.7	...	...	...
Cook Islands	7.5	7.5	7.8	7.5	7.5	7.9	Saint Kitts and Nevis	7.9	8.6	8.1	7.5	8.2	7.6
Costa Rica	18.3	18.3	14.7	18.8	18.7	15.1	Saint Lucia	8.4	9.6	9.0	8.4	9.6	8.9
Côte d'Ivoire	39.4	43.8	40.4	44.2	49.7	46.6	Saint Pierre and Miquelon	5.3	5.0	4.7	5.5	5.2	4.8
Croatia	21.0	18.6	15.3	21.2	18.9	15.5	Saint Vincent and the Grenadines	8.9	10.1	9.4	8.9	10.2	9.5
Cuba	13.3	14.2	13.3	16.0	17.0	15.9	Samoa	7.4	7.8	7.8	7.7	8.1	8.1
Cyprus	18.5	15.1	14.5	19.8	16.1	15.5	San Marino	13.0	11.4	9.8	13.0	11.4	9.8
Czechia	20.2	17.5	14.3	21.1	18.2	14.9	Sao Tome and Principe	31.7	34.0	33.7	34.1	36.5	36.2
Democratic People's Republic of Korea	50.4	56.4	41.5	53.4	59.8	43.9	Saudi Arabia	56.6	58.5	57.2	61.5	62.7	60.7
Democratic Republic of the Congo	31.8	32.2	31.6	37.6	37.5	37.4	Senegal	36.7	39.9	38.2	40.0	43.8	42.2
Denmark	12.3	10.7	9.7	12.9	11.2	10.1	Serbia	29.4	25.3	21.7	30.3	26.0	22.3
Djibouti	20.6	20.4	20.0	20.8	20.6	20.7	Seychelles	17.9	16.5	17.0	18.4	17.0	17.4
Dominica	7.9	8.8	8.2	8.0	9.0	8.4	Sierra Leone	36.3	42.5	39.4	40.2	46.0	43.3
Dominican Republic	7.5	7.9	7.6	7.7	8.1	7.8	Singapore	16.9	16.2	13.3	16.9	16.2	13.3
Ecuador	17.5	17.7	16.5	17.8	18.1	16.9	Slovakia	21.7	19.0	15.9	22.3	19.5	16.3
Egypt	60.8	61.6	63.2	61.7	62.5	64.1	Slovenia	19.7	17.6	14.1	20.4	18.2	14.6
El Salvador	26.9	27.2	22.2	27.7	27.9	22.8	Solomon Islands	7.4	7.9	7.8	8.2	8.7	8.7
Equatorial Guinea	24.2	27.3	25.7	25.3	29.5	27.1	Somalia	14.4	14.2	14.3	14.4	14.5	14.4
Eritrea	22.4	22.3	22.7	23.7	23.6	24.0	South Africa	18.7	19.1	19.7	20.5	21.0	21.7
Estonia	8.5	6.7	6.4	8.8	7.0	6.6	South Sudan	21.2	22.1	20.2	22.7	23.1	21.4
Eswatini	15.0	14.8	15.1	15.8	15.7	15.9	Spain	12.7	11.1	9.3	13.3	11.6	9.8
Ethiopia	22.3	22.1	21.8	23.3	23.2	22.9	Sri Lanka	25.0	23.1	23.9	26.0	24.0	24.8
Falkland Islands (Malvinas)	11.2	12.1	10.2	...	...	...	State of Palestine	29.4	30.5	30.8	30.0	31.1	31.3
Faroe Islands	8.7	8.3	7.3	...	...	...	Sudan	22.0	22.6	21.4	24.0	24.6	23.5
Fiji	7.2	7.3	7.4	8.0	8.1	8.1	Suriname	11.4	13.0	12.2	12.2	13.9	13.0
Finland	7.1	5.8	5.5	8.3	6.8	6.2	Sweden	7.5	6.4	6.0	8.2	6.9	6.4
France	14.5	12.2	10.5	15.8	13.3	11.3	Switzerland	12.8	10.8	9.0	13.2	11.2	9.2
French Guiana	11.3	13.0	12.1	12.4	14.4	13.5	Syrian Arab Republic	25.1	24.8	25.1	25.1	24.9	25.3
French Polynesia	7.8	7.8	8.0	8.1	8.1	8.2	Tajikistan	63.4	63.3	53.6	67.2	67.0	56.8
Gabon	25.3	26.1	26.3	31.0	32.5	32.9	Thailand	26.4	24.1	24.6	27.1	24.9	25.5
Gambia	37.5	39.9	39.1	39.5	42.1	41.4	Timor-Leste	20.8	19.4	20.5	21.9	20.6	21.8
Georgia	22.8	22.6	19.1	25.0	24.7	20.9	Togo	35.0	38.2	35.7	36.3	40.5	37.9
Germany	15.1	12.6	10.7	15.7	13.2	11.2	Tokelau	6.6	6.7	6.7	...	...	...
Ghana	44.2	50.0	46.0	47.5	54.8	50.4	Tonga	7.1	7.3	7.5	7.4	7.5	7.7
Gibraltar	15.7	14.1	12.6	15.7	14.1	12.6	Trinidad and Tobago	9.8	10.9	10.3	9.9	11.1	10.4
Greece	19.7	16.4	14.6	21.0	17.5	15.6	Tunisia	26.7	26.1	26.5	27.3	27.0	27.4
Greenland	4.3	4.0	4.0	4.5	4.1	4.1	Türkiye	23.7	23.0	23.3	24.2	23.2	23.3
Grenada	9.4	10.8	10.1	9.5	10.9	10.2	Turkmenistan	31.5	31.4	26.4	31.2	31.2	26.4
Guadeloupe	7.8	8.4	7.9	7.7	8.3	7.8	Turks and Caicos Islands	5.8	6.2	6.1	5.9	6.3	6.2
Guam	7.8	8.1	8.3	7.9	8.2	8.4	Tuvalu	6.8	6.9	6.8	...	...	...
Guatemala	26.0	25.4	20.7	27.3	26.7	21.8	Uganda	31.3	31.7	31.3	32.1	32.5	32.3
Guernsey	12.2	10.9	10.0	12.2	10.9	10.0	Ukraine	17.8	14.7	13.5	19.1	15.7	14.5

Table A.2: Continued

	Total			Urban				Total			Urban		
	2010	2015	2019	2010	2015	2019		2010	2015	2019	2010	2015	2019
Guinea	36.8	39.2	37.6	40.5	43.5	42.4	United Arab Emirates	43.7	43.9	41.7	40.8	41.2	39.0
Guinea-Bissau	33.9	36.1	34.8	38.5	41.3	40.1	United Kingdom of Great Britain and Northern Ireland	13.2	11.1	9.5	13.5	11.3	9.7
Guyana	10.5	11.7	11.1	11.0	12.3	11.7	United Republic of Tanzania	15.5	15.6	15.4	16.2	16.3	16.1
Haiti	9.6	10.1	9.7	9.7	10.2	9.8	United States of America	9.3	8.3	7.2	9.7	8.6	7.4
Holy See	22.0	18.9	15.5	22.0	18.9	15.5	United States Virgin Islands	8.1	8.8	8.4	8.5	9.2	8.7
Honduras	22.4	23.1	18.9	23.0	23.6	19.4	Uruguay	9.2	9.9	8.5	9.2	9.9	8.5
Hungary	19.5	17.2	14.2	20.3	17.9	14.8	Uzbekistan	48.5	48.5	41.0	52.9	52.8	44.5
Iceland	6.9	6.4	5.8	7.4	6.9	6.2	Vanuatu	8.1	8.6	8.4	8.5	9.0	9.1
India	55.2	55.5	50.2	58.4	58.6	53.0	Venezuela (Bolivarian Republic of)	20.7	20.1	16.2	21.2	20.6	16.5
Indonesia	20.6	19.3	19.3	21.5	20.0	19.9	Viet Nam	22.4	20.5	20.9	23.6	21.6	22.1
Iran (Islamic Republic of)	29.9	29.9	31.6	31.5	32.1	34.1	Wallis and Futuna Islands	6.8	7.1	6.9	...	...	...
Iraq	39.3	39.1	39.3	42.4	42.4	43.0	Western Sahara	25.0	27.9	25.1	23.6	28.5	25.1
Ireland	9.9	9.2	8.2	10.5	9.7	8.7	Yemen	38.8	41.1	41.6	40.1	42.4	43.0
Isle of Man	9.0	8.2	7.5	9.3	8.5	7.7	Zambia	17.1	17.4	16.9	18.9	19.3	18.8
Israel	24.2	21.7	19.5	24.5	21.9	19.6	Zimbabwe	13.3	13.3	13.1	14.6	14.6	14.5

Source:

United Nations Statistics Division (UNSD), SDG Indicators Global Database.

Notes:

(a) The Degree of Urbanisation offers a standardized definition of urban areas into three categories of human settlements: urban centres or cities; urban clusters or semi-dense areas; and rural areas.

For more detailed information: https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Applying_the_degree_of_urbanisation_manual

Last Updated: 15/07/2024

Table A.3: Urban population living in slums or informal settlements by Country and Region, 2000-2022

Country or Territory Name	Proportion of urban population living in slums or informal settlements *												Urban population living in slums or informal settlements (Thousands) *											
	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022
WORLD	31.2	30.9	30.1	29.2	28.2	27.3	26.3	25.4	24.6	24.4	24.2	24.8	894,875	928,034	946,516	961,109	969,070	980,512	983,965	992,179	999,526	1,028,017	1,059,936	1,123,702
Australia and New Zealand	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	26	27	24	22	19	16	13	9	7	7	8	8
Central Asia and Southern Asia	56.0	55.1	54.2	53.5	52.6	51.7	50.9	50.1	49.3	48.5	48.2	42.9	250,317	260,509	271,078	282,167	292,452	302,697	313,017	323,441	333,890	344,495	359,331	334,418
Sub-Saharan Africa	64.1	63.4	61.6	60.2	58.7	57.3	55.7	54.2	52.7	51.3	50.2	53.6	129,979	139,265	146,916	155,638	164,932	174,946	185,179	195,587	206,152	217,647	230,080	265,385
Latin America and the Caribbean	31.9	30.2	28.2	26.2	23.4	21.8	19.2	18.4	17.0	17.9	17.7	16.9	126,505	124,436	119,964	115,414	106,542	102,279	93,048	91,470	87,229	94,201	95,502	93,416
Northern America and Europe	1.4	1.4	1.3	1.2	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	10,725	10,479	9,923	9,161	8,354	7,651	7,010	6,365	7,136	6,658	5,909	5,759
Oceania excluding Australia and New Zealand	17.0	16.0	16.0	15.9	15.7	15.5	15.3	15.0	14.8	15.0	15.3	12.2	331	323	334	345	353	362	369	377	387	408	431	358
Western Asia and Northern Africa	31.6	34.4	32.6	29.8	27.4	25.2	22.8	20.3	18.8	18.7	18.7	17.8	63,633	72,821	72,440	69,907	67,907	65,881	62,830	58,841	57,399	59,482	62,056	61,727
Eastern Asia and South-Eastern Asia	37.5	35.9	34.2	32.4	30.6	28.8	27.1	25.3	23.6	22.4	21.7	24.8	313,358	320,173	325,835	328,456	328,509	326,680	322,500	316,089	307,327	305,119	306,620	362,630
ECA	57.7	58.4	56.8	55.4	54.0	51.9	50.4	48.9	47.4	46.7	46.0	45.7	164,300	178,317	186,229	195,241	204,230	211,165	221,141	230,852	240,845	255,098	269,564	287,381
ECE	3.8	3.6	3.4	3.1	2.9	2.5	2.3	2.1	1.9	1.8	1.8	1.8	32,134	30,806	29,311	27,640	25,736	22,879	21,068	19,336	18,060	17,066	17,402	18,031
ECLAC	31.8	29.7	27.0	25.8	23.7	21.5	19.0	18.2	17.4	17.0	17.1	16.9	126,107	122,245	115,012	113,825	107,710	100,825	91,771	90,563	88,943	89,419	91,976	93,416
ESCAP	41.4	39.9	38.4	37.0	35.4	33.8	32.3	31.8	31.3	30.9	30.5	30.2	556,942	573,331	586,160	597,991	604,832	609,628	611,157	630,780	650,057	669,037	687,951	709,617
ESCWA	34.0	36.6	35.1	33.4	30.6	27.4	24.9	22.5	20.6	20.3	20.5	20.9	51,023	57,980	58,607	59,201	57,692	55,099	53,093	50,644	48,766	50,416	53,534	57,156
Least Developed Countries (LDCs)	65.0	66.6	65.7	65.3	64.6	63.9	63.3	62.7	62.2	61.8	61.2	60.9	107,973	120,197	128,916	138,890	148,694	159,657	171,479	184,129	197,698	212,680	227,482	244,383
Landlocked developing countries (LLDCs)	55.8	54.2	53.1	52.3	50.7	50.4	49.0	47.7	46.4	45.5	45.9	46.6	45,977	47,313	49,056	51,062	52,517	55,425	57,271	59,256	61,334	63,786	68,448	73,828
Small Island Developing States (SIDS)	21.0	20.9	21.0	20.9	20.6	20.1	20.6	20.2	19.7	19.6	19.7	19.9	6,619	6,832	7,151	7,362	7,529	7,569	8,036	8,099	8,136	8,351	8,627	8,923
AFRICA																								
Eastern Africa	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	54.2	52.8	57.1	42,168	44,662	46,941	49,372	51,844	54,775	57,621	60,381	63,075	65,782	70,033	82,614
Burundi	79.7	79.7	77.0	71.7	66.3	61.0	55.6	50.2	44.9	39.5	36.8	36.8	421	466	506	529	551	569	580	585	585	577	602	672
Comoros	64.5	65.1	65.7	66.3	66.9	67.5	68.0	68.6	68.6	68.6	68.6	48.5	98	104	109	116	123	130	139	148	156	165	175	131
Djibouti	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	421	427	428	427	427	425	423	420	415	403	405	392
Eritrea	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	692	766	842	911	970	1,001	1,031	1,062	1,093	1,110	1,167	1,178
Ethiopia	92.2	89.1	86.0	82.9	79.8	76.7	73.6	70.5	67.4	64.3	64.3	64.3	9,040	9,949	9,948	10,391	10,958	11,649	12,356	13,042	13,713	14,360	15,733	17,207
Kenya	63.2	61.6	60.1	58.5	57.0	55.5	53.9	52.4	50.8	50.8	50.8	40.5	3,953	4,216	4,491	4,792	5,088	5,405	5,735	6,078	6,426	6,998	7,609	6,586
Madagascar	91.4	89.0	86.6	84.2	81.8	79.4	77.0	74.6	72.2	69.8	67.4	65.7	3,910	4,129	4,351	4,679	5,019	5,366	5,719	6,079	6,447	6,820	7,194	7,647
Malawi	81.4	77.9	74.4	70.9	67.4	63.8	60.3	56.8	53.3	49.8	49.8	38.0	1,353	1,384	1,411	1,441	1,473	1,505	1,536	1,564	1,592	1,616	1,760	1,464
Mauritius	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	388	381	371	361	349	336	322	308	294	276	270	254
Mayotte	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	55	61	63	65	66	66	66	66	65	64	65	63
Mozambique	90.1	86.6	83.1	79.6	76.0	72.5	69.0	65.5	62.0	58.5	55.0	55.0	4,737	4,881	5,031	5,174	5,356	5,592	5,820	6,038	6,241	6,424	6,583	7,171
Réunion	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	515	533	541	542	538	530	519	506	492	469	464	442
Rwanda	71.4	67.9	64.5	61.0	57.5	54.0	50.5	47.1	43.6	40.1	38.3	38.3	856	973	961	950	945	937	924	906	886	863	875	929
Seychelles	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	31	32	33	33	32	32	31	31	30	29	29	28
Somalia	76.7	74.8	72.4	69.9	67.4	64.8	62.2	59.5	56.8	53.4	51.9	48.7	2,299	2,430	2,601	2,779	2,760	3,071	3,298	3,433	3,566	3,644	3,860	3,937
South Sudan	...	...	99.8	99.8	99.8	97.0	94.2	94.2	94.2	94.2	94.2	94.2	...	1,211	1,323	1,461	1,623	1,744	1,856	2,023	2,200	2,387	2,590	2,811
Uganda	80.9	78.2	75.5	72.8	70.1	67.5	64.8	62.1	59.4	56.2	54.0	52.7	2,876	3,143	3,437	3,750	4,083	4,434	4,803	5,184	5,575	5,968	6,360	6,924
United Republic of Tanzania	81.3	77.1	72.8	68.6	64.3	60.0	55.8	51.5	47.3	43.0	40.9	70.1	6,201	6,412	6,746	7,097	7,450	7,781	8,075	8,317	8,493	8,584	9,040	17,125
Zambia	63.8	62.2	60.7	59.1	57.6	56.0	54.5	52.9	51.4	49.8	48.3	48.3	2,338	2,455	2,593	2,738	2,890	3,054	3,231	3,421	3,617	3,817	4,023	4,373
Zimbabwe	27.5	26.9	26.3	25.7	25.1	24.5	23.9	23.4	22.8	22.2	21.6	54.9	1,136	1,164	1,154	1,146	1,144	1,148	1,157	1,170	1,187	1,207	1,229	3,278
Middle Africa	52.9	60.1	58.8	59.2	59.9	60.6	61.4	62.4	63.5	64.6	66.0	20,205	25,021	26,792	29,454	32,535	35,965	39,771	44,025	48,750	54,075	58,512	64,794	64,794
Angola	19.7	19.7	19.7	25.8	31.9	38.1	44.2	50.3	56.4	62.6	62.6	62.7	1,622	1,816	2,034	2,967	4,048	5,317	6,794	8,497	10,434	12,617	13,733	14,935
Cameroon	65.4	62.1	58.8	55.6	52.3	49.0	45.7	42.5	39.2	35.9	32.7	32.7	4,547	4,668	4,783	4,887	4,978	5,047	5,089	5,099	5,071	5,000	4,882	5,235
Central African Republic	86.0	83.1	80.3	77.4	74.6	71.8	68.9	68.9	68.9	68.9	68.9	68.9	1,215	1,228	1,236	1,243	1,248	1,242	1,219	1,243	1,286	1,350	1,431	1,525
Chad	91.6	90.5	89.3	88.2	87.1	85.9	84.8	83.7	82.6	82.0	82.0	82.0	1,653	1,767	1,888	2,007	2,123	2,246	2,386	2,541	2,706	2,903	3,141	3,405
Congo	87.8	84.7	81.7	78.5	72.2	66.0	59.8	53.5	47.3	44.2	44.2	75.3	1,662	1,784	1,888	1,852	1,853	1,831	1,777	1,697	1,600	1,597	1,704	3,099
Democratic Republic of the Congo	...	71.9	71.9	72.4	73.3	74.2	75.1	76.1	77.0	77.9	78.4	78.4	...	12,922	14,111	15,539	17,248	19,161	21,292	23,652	26,249	29,095	32,010	34,948
Equatorial Guinea	52.9	60.1	58.8	59.2	59.9	60.6	61.4	62.4	63.5	64.7	64.9	64.7	160	211	239	279	326	380	440	494	552	613	667	717
Gabon	57.4	55.6	53.7	51.8	49.9	48.1	46.2	44.3	44.3	44.3	44.3	38.8	558	578	599	622	647	674	703	729	777	819	859	787
Sao Tome and Principe	...	...	61.4	61.4	60.4	58.5	56.5	54.6	52.6	52.6	52.6	82.4	...	...	54	59	63	66	69	72	75	80	85	142
Northern Africa	39.1	45.3	41.6	35.2	31.0	27.9	24.3	20.3	17.2	16.4	15.9	16.8	32,630	39,366	37,735	33,296	30,582	28,730	26,226	22,905	20,397	20,256	20,531	22,591
Al																								

Table A.3: Continued

Country or Territory Name	Proportion of urban population living in slums or informal settlements *												Urban population living in slums or informal settlements (Thousands) *												
	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	
Nigeria	74.1	71.6	69.1	66.6	64.1	61.5	59.0	56.5	54.0	51.5	49.0	48.5	31,990	33,631	35,741	37,921	40,163	42,435	44,684	46,858	48,901	50,779	52,466	56,285	
Senegal	67.2	63.6	60.0	56.5	52.9	49.4	45.8	42.3	38.7	35.2	31.6	46.4	2,676	2,685	2,717	2,750	2,774	2,792	2,801	2,794	2,762	2,704	2,616	4,131	
Sierra Leone	73.9	73.9	72.5	69.8	67.1	64.3	61.6	58.9	56.1	53.4	50.6	49.3	1,202	1,323	1,444	1,523	1,575	1,615	1,652	1,685	1,711	1,733	1,749	1,809	
Togo	69.3	66.0	62.8	59.5	56.3	53.1	49.8	46.6	43.3	40.1	38.5	38.5	1,133	1,172	1,207	1,239	1,269	1,295	1,317	1,332	1,339	1,336	1,382	1,484	
ASIA	57.6	53.6	49.7	45.7	41.7	37.7	33.8	29.8	25.8	21.9	17.9	22.7	366,220	364,813	361,294	353,967	342,531	327,668	307,999	284,698	257,811	227,207	192,810	252,323	
Mongolia	57.6	53.6	49.7	45.7	41.7	37.7	33.8	29.8	25.8	21.9	17.9	17.9	789	777	762	743	719	692	647	594	534	467	394	406	
Central Asia	29.5	26.7	24.0	21.2	18.4	15.6	12.8	10.1	7.3	4.5	5.8	7,472	6,981	6,474	5,931	5,355	4,736	4,032	3,268	2,449	1,856	1,615	2,114		
Kazakhstan	24.5	21.7	18.9	16.1	13.3	10.5	7.8	5.0	2.2	0.8	0.8	0.8	2,066	1,841	1,639	1,429	1,208	982	748	496	225	84	86	88	
Kyrgyzstan	47.2	42.7	38.2	33.7	29.3	24.8	20.3	15.9	11.4	6.9	2.4	2.4	819	752	679	610	544	475	403	326	244	154	57	59	
Tajikistan	60.3	55.7	51.2	46.6	42.1	37.5	33.0	28.4	23.9	19.3	17.1	17.1	993	952	911	865	816	761	700	634	560	478	445	469	
Turkmenistan	10.5	10.5	10.5	10.3	10.0	9.8	9.5	9.3	9.0	8.8	8.5	8.4	218	224	231	233	236	241	246	253	259	264	269	278	
Uzbekistan	29.5	26.7	24.0	21.2	18.4	15.6	12.8	10.1	7.3	5.4	4.5	7.1	3,376	3,211	3,014	2,793	2,551	2,278	1,936	1,559	1,162	876	759	1,220	
Southern Asia	57.6	56.8	56.0	55.3	54.5	53.7	52.9	52.2	51.4	50.7	50.4	44.7	242,918	253,611	264,699	276,236	287,097	297,960	308,985	320,173	331,441	342,639	357,716	332,303	
Afghanistan	...	...	...	63.6	63.6	64.8	67.2	69.7	72.1	73.3	73.3	71.6	...	...	...	3,772	4,048	4,431	4,987	5,613	6,254	6,797	7,260	7,580
Bangladesh	58.3	57.7	57.0	56.4	55.7	55.1	54.4	53.8	53.2	52.5	51.9	51.5	18,100	19,501	21,042	22,552	24,025	25,533	27,126	28,760	30,389	32,004	33,619	35,434	
Bhutan	57.6	56.8	56.0	55.3	54.5	53.7	52.9	52.2	51.4	50.7	50.4	44.7	84	95	107	118	127	136	145	154	162	169	178	167	
India	55.3	54.6	53.9	53.2	52.5	51.8	51.1	50.4	49.7	49.0	49.0	41.4	161,101	168,051	175,430	182,790	190,103	197,240	204,193	211,207	218,417	225,832	236,771	209,847	
Iran (Islamic Republic of)	57.6	56.8	56.0	55.3	54.5	53.7	52.9	52.2	51.4	50.7	50.4	44.7	24,395	25,277	26,057	26,866	27,563	28,280	29,045	29,806	30,508	31,121	31,980	29,170	
Maldives	41.5	41.5	41.0	39.9	38.7	37.6	36.5	35.4	34.8	34.8	42	47	50	53	56	59	61	63	65	68
Nepal	66.3	63.4	60.5	57.6	54.7	51.9	49.0	46.1	43.2	40.3	40.3	40.1	2,109	2,218	2,273	2,312	2,334	2,350	2,363	2,372	2,370	2,356	2,508	2,655	
Pakistan	71.2	69.7	68.2	66.6	65.1	63.6	62.1	60.5	59.0	57.5	56.0	56.0	32,539	33,653	34,724	35,790	36,862	37,962	39,102	40,241	41,319	42,336	43,345	45,581	
Sri Lanka	57.6	56.8	56.0	55.3	54.5	53.7	52.9	52.2	51.4	50.7	50.4	44.7	1,988	1,986	1,986	1,988	1,984	1,977	1,968	1,961	1,959	1,961	1,990	1,803	
South-Eastern Asia	37.4	35.8	34.1	32.4	30.6	28.8	27.0	25.3	23.5	22.7	21.7	31.5	74,365	75,643	76,541	76,832	76,684	76,188	75,305	73,978	72,125	71,882	72,660	109,898	
Brunei Darussalam	37.4	35.8	34.1	32.4	30.6	28.8	27.0	25.3	23.5	22.4	21.7	21.6	89	89	89	88	88	84	82	80	77	76	76	77	
Cambodia	84.8	79.2	73.6	67.9	62.3	56.6	51.0	45.4	39.7	39.7	39.7	42.3	1,915	1,883	1,832	1,765	1,692	1,644	1,585	1,511	1,413	1,508	1,608	1,822	
Indonesia	35.1	33.5	31.8	30.2	28.5	26.9	25.2	23.5	21.9	20.2	19.4	19.4	31,210	31,719	32,123	32,401	32,542	32,508	32,160	31,620	30,862	29,872	29,929	31,198	
Lao People's Democratic Republic	54.4	51.0	47.5	44.1	40.7	37.3	33.8	30.4	27.0	23.6	21.8	54.8	637	674	706	716	712	700	678	649	616	575	567	1,517	
Malaysia	37.4	35.8	34.1	32.4	30.6	28.8	27.0	25.3	23.5	22.4	21.7	21.6	5,376	5,530	5,644	5,709	5,737	5,736	5,701	5,627	5,494	5,466	5,510	5,694	
Myanmar	29.4	32.6	35.8	39.0	42.2	45.4	48.7	51.9	55.1	58.3	58.3	58.3	3,662	4,210	4,780	5,363	5,957	6,584	7,260	7,984	8,761	9,598	9,947	10,317	
Philippines	50.0	48.6	47.2	45.8	44.3	42.9	41.5	40.1	38.7	37.3	36.6	35.9	17,981	18,161	18,288	18,331	18,295	18,246	18,393	18,517	18,595	18,645	19,043	19,432	
Singapore (c)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	
Thailand	15.6	15.6	15.1	14.1	13.0	12.0	10.9	9.9	8.9	7.8	2.0	2.0	3,084	3,373	3,547	3,577	3,572	3,530	3,373	3,181	2,959	2,706	714	736	
Timor-Leste	56.1	56.1	54.0	50.0	46.0	42.0	37.9	33.9	33.9	33.9	144	155	157	154	151	148	144	137	147	157
Viet Nam	45.3	40.4	35.4	30.5	25.5	20.6	15.7	10.7	5.8	5.8	5.8	32.5	8,868	8,441	7,896	7,235	6,451	5,543	4,496	3,282	1,882	1,998	2,118	12,623	
Western Asia	27.5	28.2	27.5	26.5	24.6	23.1	21.6	20.3	20.1	20.5	20.8	18.5	464,067	506,128	525,192	539,011	530,129	526,719	521,165	516,621	538,555	575,336	613,606	570,363	
Armenia	12.8	12.3	11.8	11.3	10.8	10.4	9.9	9.4	8.9	8.4	8.4	8.4	254	240	227	214	201	189	180	172	164	156	156	157	
Azerbaijan	50.9	44.9	38.9	32.9	26.9	...	...	...	...	...	...	...	2,126	1,926	1,717	1,495	1,259	...	...	...	...	...	...	...
Cyprus	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1	1	1	2	2	2	2	2	2	2	2	2	
Georgia	13.6	13.6	13.2	12.4	11.7	10.9	10.1	9.4	8.6	7.8	7.1	7.1	338	330	319	298	278	256	235	214	196	180	164	165	
Iraq	33.9	35.4	37.0	38.5	40.1	41.6	43.2	44.7	46.2	47.8	49.3	49.3	5,471	6,063	6,688	7,344	8,041	8,847	9,822	10,917	12,061	13,250	14,517	15,397	
Israel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	...	...	...	...	...	...	...	...	...	...	...
Jordan	40.0	37.7	35.4	33.0	30.7	28.4	26.0	23.7	21.4	19.1	16.7	16.7	1,598	1,560	1,533	1,587	1,667	1,754	1,835	1,880	1,830	1,717	1,561	1,598	
Kuwait	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	...	...	...	...	...	...	...	...	...	...	...
Lebanon	...	92.4	92.4	92.4	67.3	42.2	17.1	4.5	4.5	4.5	4.5	4.5	...	2,807	3,088	3,253	2,408	1,598	736	222	239	243	241	238	
Oman	4.3	4.0	3.6	2.9	2.3	1.7	1.0	0.5	0.3	0.2	0.0	0.0	69	67	62	55	47	38	27	16	11	6	...	...
State of Palestine	...	30.0	30.0	29.1	27.2	25.3	23.4	21.4	19.5	19.5	19.5	19.5	...	734	766	780	771	762	748	731	708	750	796	844	
Syrian Arab Republic	30.7	32.1	31.3	30.4	28.5	27.0	25.4	24.1	23.9	25.2	25.6	41.1	2,617	2,887	2,978	3,117	3,183	3,155	2,782	2,386	2,329	2,494	2,685	4,778	
Türkiye	24.6	23.2	21.8	20.4	19.0	35.2	32.4	29.6	28.3	28.3	28.3	28.3	10,064	9,965	9,817	9,602	9,324	9,021	8,704	8,344	8,327	8,695	9,013	9,250	
United Arab Emirates	...	1.0	1.0	1.0	0.8	0.7	0.5	0.4	0.3	0.1	0.0	0.1	...	27	32	41	46	45	38	31	20	8	...	10	
Yemen	63.8	61.2	58.6	55.9	53.3	50.7	48.1	45.5	44.2	44.2	44.2	44.2	2,996	3,162	3,328	3,491	3,650	3,803	3,948	4,077	4,315	4,683	5,068	5,469	
EUROPE	4.5</																								

Table A.3: Continued

Country or Territory Name	Proportion of urban population living in slums or informal settlements ^a													Urban population living in slums or informal settlements (Thousands) ^a										
	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022	2000	2002	2004	2006	2008	2010	2012	2014	2016	2018	2020	2022
Malta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	...	...	...	...	...	...	...	...	...	...	...	0
Montenegro	19.1	19.1	18.5	17.3	16.1	14.9	13.6	12.4	11.2	10.0	8.8	8.8	69	71	71	67	63	60	55	51	47	42	37	38
North Macedonia	1.3	1.3	1.3	1.2	1.0	0.8	0.7	0.5	0.3	0.2	0.2	0.3	15	15	15	14	12	9	8	6	4	2	2	-
Portugal	1.3	1.1	1.0	0.8	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.1	70	64	57	46	35	26	16	10	7	3	3	4
Serbia	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	1.4	33	32	30	30	27	25	25	22	22	20	17	70
Spain	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	...	...	...	...	...	...	...	...	...	...	18	19	...	...	...
Western Europe	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	219	214	214	213	-	-	-	-	-	-	-	0.1
Austria	4.5	4.4	4.4	4.4	...	...	...	...	...	...	...	...	219	214	214	213	...	...	...	...	...	...	...	0.1
Luxembourg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	...	...	...	...	...	...	...	...	...	...	0.1
Belgium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
France	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
Monaco	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
Switzerland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
LATIN AMERICA AND THE CARIBBEAN																								
Caribbean	21.3	21.2	21.0	21.0	20.9	20.7	20.4	20.1	19.6	20.4	20.9	17.1	5,127	5,285	5,419	5,593	5,742	5,861	5,945	6,003	6,036	6,438	6,749	5,630
Anguilla	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.5	1.5	...	...	...	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	...	...	...
Cayman Islands	...	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	...	...	...	...	2	2	2	2	2	2	2	2	3	...	...
Cuba	2.2	2.2	2.2	3.2	4.3	5.3	6.3	7.4	8.4	9.5	10.5	11.0	181	183	185	276	367	460	555	650	746	840	935	983
Dominican Republic	30.2	27.8	25.4	23.1	20.7	18.3	16.0	13.6	11.2	11.2	11.2	11.2	1,595	1,556	1,528	1,485	1,422	1,339	1,230	1,100	952	993	1,031	1,068
Haiti	61.3	60.0	58.7	57.4	56.1	54.8	53.4	52.1	50.8	49.5	48.9	51.1	1,865	2,063	2,230	2,354	2,478	2,601	2,721	2,836	2,945	3,043	3,174	3,491
Saint Lucia	4.9	4.9	4.5	3.9	3.4	2.8	2.2	1.6	1.1	0.5	0.5	0.4	2.1	2.0	1.8	1.4	1.1	0.9	0.7	0.5	0.3	0.2	0.2	0.2
Trinidad and Tobago	...	...	...	...	8.7	7.9	7.5	7.5	...	...	...	...	...	...	...	...	...	63	57	54	55	...	...	...
Central America	33.7	33.8	32.2	30.4	28.4	26.6	23.4	21.5	19.7	19.1	18.6	17.5	31,910	33,333	32,904	32,302	31,574	30,729	28,221	26,894	25,569	25,576	25,772	25,072
Belize	15.8	15.8	15.8	15.8	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	18	19	20	21	22	23	24	25	26	28	29	30
Costa Rica	12.7	11.8	10.9	10.0	9.0	8.1	7.2	6.3	5.4	4.5	3.5	3.5	294	296	293	287	278	265	248	227	203	175	144	149
El Salvador	...	...	...	46.5	40.5	34.5	28.5	22.5	16.5	16.5	16.5	16.5	...	...	...	1,751	1,575	1,391	1,191	973	737	762	785	1,612
Guatemala	55.5	53.3	51.0	48.8	46.5	44.3	42.1	39.8	37.6	37.6	37.6	37.6	2,931	2,991	3,044	3,086	3,117	3,138	3,148	3,149	3,138	3,310	3,491	2,245
Honduras	44.4	44.4	43.2	40.9	38.6	36.2	33.9	31.5	...	...	...	...	1,317	1,420	1,493	1,519	1,535	1,540	1,533	1,515	...	...	...	...
Mexico	32.2	30.4	28.7	27.0	25.3	23.6	21.9	20.2	18.4	17.6	17.6	17.6	24,446	23,947	23,364	22,789	22,209	21,534	20,721	19,780	18,718	18,447	19,021	686
Nicaragua	71.6	70.3	69.1	67.8	67.2	67.2	...	...	...	...	...	...	1,986	2,018	2,046	2,075	2,125	2,195	...	...	...	...	...	...
Panama	48.7	44.4	40.1	35.7	31.4	27.1	22.8	18.5	16.3	16.3	...	...	917	877	830	776	713	644	566	479	441	459	...	...
South America	31.9	29.6	27.2	25.1	21.6	19.9	17.4	16.9	15.6	16.1	16.1	16.8	88,769	85,219	81,163	77,170	68,450	64,659	58,160	58,029	55,043	57,904	59,289	63,019
Argentina	20.3	19.6	18.8	18.1	17.4	16.7	15.9	15.2	14.5	14.5	14.5	14.5	6,703	6,636	6,557	6,464	6,357	6,241	6,114	5,970	5,826	5,953	6,078	1,219
Bolivia (Plurinational State of)	57.9	55.7	53.4	51.2	48.9	46.6	46.6	...	...	...	...	...	2,986	3,025	3,052	3,069	3,076	3,072	3,214	3,351	...	...	...	...
Brazil	34.7	31.4	28.1	24.8	21.5	18.2	14.9	14.9	...	...	...	...	49,441	46,366	42,877	39,002	34,766	30,213	25,373	26,008	26,617	...	...	...
Chile	14.6	11.0	7.3	7.3	7.3	...	...	...	...	...	...	...	1,920	1,484	1,015	1,035	1,058	...	...	...	...	...	...	...
Colombia	21.2	19.8	18.5	17.1	15.8	14.5	13.1	11.8	10.4	9.7	9.7	9.7	6,328	6,167	5,973	5,743	5,477	5,175	4,837	4,466	4,062	3,876	3,967	4,052
Ecuador	57.4	57.8	57.8	57.8	...	...	...	...	...	...	...	...	4,372	4,622	4,803	4,998	...	...	...	...	...	...	...	...
Guyana	...	26.1	25.3	23.7	22.0	20.4	18.7	17.1	15.4	13.8	12.1	11.3	56	56	53	49	45	41	37	34	32	29	26	24
Paraguay	42.0	39.0	36.0	33.0	30.0	27.0	24.0	21.0	18.0	15.1	15.1	15.1	1,233	1,217	1,178	1,126	1,065	995	919	834	741	639	663	686
Peru	47.4	45.6	43.7	41.9	40.0	38.2	46.1	47.1	45.9	44.2	43.7	45.1	8,975	8,951	8,900	8,826	8,717	8,569	10,674	11,247	11,299	11,214	11,406	12,077
Suriname	7.4	8.3	9.1	9.9	10.8	11.6	12.5	13.3	14.1	15.0	15.8	15.8	23	27	30	33	37	41	44	48	52	56	60	61
Uruguay	...	...	23.7	19.9	16.2	12.5	8.8	5.0	1.3	1.3	1.3	1.3	...	...	...	733	622	511	398	282	164	43	43	44
Venezuela (Bolivarian Republic of)	27.8	26.4	25.7	25.7	...	...	...	...	...	...	...	...	5,965	5,896	5,949	6,159	...	...	...	...	...	...	...	...
NORTHERN AMERICA	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	507	519	531	556	609	637	664	706	734	644	656	603
Bermuda	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	...	...	...	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Canada	0.3	0.3	0.3	0.3	0.5	0.5	0.6	0.7	0.7	1.6	0.8	1.1	61	63	64	79	121	138	156	188	207	241	245	343
United States of America	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	446	457	467	477	488	499	508	518	527	403	411	260
Greenland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
OCEANIA																								
Australia/New Zealand	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	26	27	24	22	19	16	13	9	7	7	8	8
Australia	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	26	27	24	22	19	16	13	9	7	7	8	8
New Zealand	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-
Melanesia	18.3	17.2	17.2	17.2	17.0	16.8	16.6	16.4	16.2	16.4	16.7	14.8	249	245	256	267	277	287	295	305	315	335	357	333
Fiji	...	15.0	15.0	14.5	13.5	12.5	11.4	10.4	9.4	9.4	9.4	9.4	...	60	61	60	58	56	53	50	47	48	50	51
Papua New Guinea	19.8	19.8	19.8	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.8	22.3	145	152	160	170	182	193	205	218	232	248	266	275
Solomon Islands	10.4	10.4	10.4	9.0	7.5	6.1	4.6	3.2	2.0	2.0	2.0	1.9	6.8	7.5	8.3	7.9	7.2	6.4	5.3	4.0	2.7	2.9	3.1	3.3
Vanuatu	4.6	4.6	4.6	4.5	4.4	4.3	4.2	4.0	4.1	4.2	4.2	3.1	1.8	2.0	2.1	2.2	2.4	2.5	2.5	2.6	2.8	3.0	3.	

Table B.1: Population Size per Upper Threshold of Temperature Change for Selected RCP (Representative Concentration Pathways) ^a Scenarios by Regions, 2000 - 2025

Region Name \ World Bank Income Class	RCP 4.5				RCP 8.5			
	Population Size in 2025 ^{b,c} (Thousands)				Population Size in 2025 ^{b,c} (Thousands)			
	Temperature Increase (°C)				Temperature Increase (°C)			
	0.0-0.5	0.5-1.0	1.0-1.5	>1.5	0.0-0.5	0.5-1.0	1.0-1.5	>1.5
Total	1,807,152	1,740,971	139,510	2,537	1,114,285	2,212,452	362,448	214
Australia and New Zealand	11,052	7,681	0	0	312	18,421	0	0
Central and Southern Asia	309,822	571,644	23,686	0	221,128	485,002	199,023	0
Eastern and South-Eastern Asia	672,056	426,995	37,345	0	406,225	686,694	39,366	107
Europe	238,706	55,239	0	0	113,127	168,539	15,100	0
Latin America and the Caribbean	273,694	71,993	0	0	83,532	264,768	185	0
Northern Africa and Western Asia	138,816	205,564	472	0	36,050	202,845	105,850	107
Northern America	20,947	79,300	65,277	0	98,382	64,517	0	0
Oceania	1,585	595	0	2,537	1,008	1,172	0	0
Sub-Saharan Africa	140,469	321,957	12,727	0	154,517	320,348	2,922	0
High Income	320,869	204,644	65,277	2,537	228,710	356,490	5,765	0
Upper Middle	683,949	591,428	37,345	0	338,729	822,891	149,809	107
Lower Middle	684,660	792,927	32,341	0	451,395	857,468	200,957	107
Low Income	116,493	146,828	4,546	0	95,120	169,466	5,915	0

Source: European Commission, Joint Research Centre (EC-JRC)

Notes:

(a) Representative Concentration Pathways (RCP) are scenarios for climate change developed by the Intergovernmental Panel on Climate Change (IPCC) that are used to project future greenhouse gas concentrations.

(b) Data analysis conducted by EC-JRC with raw input data from the Copernicus Climate Change Service (C3S) provides the annual mean temperature over long time periods and two Representative Concentration Pathways (emissions scenarios) the "mid-range" RCP 4.5 and RCP 8.5 as "high-emissions" scenario.

Total GHSL population data is calculated at three temperature change thresholds, data reports the population exposed to a temperature change of more than 0.5, 1 and 1.5 degrees. For each threshold the data is available for the two Representative Concentration Pathways.

For more detailed information and queries: <https://data.jrc.ec.europa.eu/>

(c) Since the population sizes have been rounded to the closest 1,000, the totals may not be equal.

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Table B.2: Population Size in Low Elevated Coastal Zones (LECZ) for Areas Below 5 Metres Above Sea Level per Degree of Urbanisation (DEGURBA) ^a Level 1 Classification by Income Groups and Regions, 1975-2025

Region Name \ World Bank Income Class	Total LECZ ^b Population Size ^c , 1975-2025 (Thousands)											Urban Centres LECZ ^b Population Size ^c , 1975-2025 (Thousands)										
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Total	452,422	503,334	563,183	629,060	692,565	757,955	817,231	873,836	934,939	989,135	1,036,759	208,893	233,328	260,258	291,655	330,607	376,379	409,825	442,075	475,104	506,258	529,647
Australia and New Zealand	415	430	462	495	511	552	580	620	644	672	687	780	851	928	1,023	1,122	1,199	1,294	1,413	1,540	1,684	1,781
Central and Southern Asia	139,760	160,010	184,808	211,335	236,764	264,098	291,434	316,028	340,679	364,167	387,573	43,853	50,159	57,067	64,121	71,817	79,703	86,183	91,234	96,861	102,390	108,110
Eastern and South-Eastern Asia	194,097	213,848	237,416	264,661	291,297	317,111	335,647	353,670	372,283	387,302	394,147	109,763	121,550	134,890	151,600	175,819	205,648	224,638	242,837	260,908	277,725	287,921
Europe	47,025	48,231	49,200	50,310	50,652	50,548	50,533	50,974	51,655	52,368	52,306	16,810	17,119	17,415	17,803	18,083	18,300	18,600	19,045	19,553	20,154	20,418
Latin America and the Caribbean	18,110	20,302	22,599	24,893	27,217	29,368	31,307	32,990	35,002	37,057	38,861	11,242	12,877	14,449	16,201	17,885	19,630	21,043	22,414	23,748	24,714	25,630
Northern Africa and Western Asia	27,804	32,328	37,645	43,291	48,773	54,726	61,203	67,700	76,931	84,518	93,062	10,677	12,592	14,768	16,993	19,505	22,283	25,409	29,625	33,308	36,202	38,137
Northern America	10,068	10,682	11,166	11,568	12,212	12,742	13,217	13,645	14,192	14,649	14,996	8,850	9,671	10,400	11,254	12,100	12,991	13,491	13,912	14,552	15,225	15,578
Oceania	82	86	91	97	111	127	142	156	169	180	186	137	150	162	174	193	212	228	241	251	265	279
Sub-Saharan Africa	15,061	17,417	19,796	22,410	25,028	28,683	33,168	38,053	43,384	48,222	54,941	6,777	8,355	10,175	12,482	14,079	16,409	18,934	21,349	24,378	27,894	31,789
High Income	48,737	50,715	52,193	53,950	55,534	56,526	57,822	59,176	60,402	61,504	61,882	51,483	54,442	56,956	60,071	62,867	64,868	66,849	69,944	71,843	73,299	73,469
Upper Middle	192,807	211,082	232,184	256,424	279,681	303,586	321,367	338,833	358,894	375,283	383,705	63,350	70,880	80,719	93,480	113,532	140,709	156,840	172,045	187,819	202,732	211,336
Lower Middle	199,565	228,512	264,410	302,645	339,207	377,024	413,838	448,321	484,525	518,129	552,546	89,905	103,105	116,927	131,344	146,970	162,545	176,870	190,205	204,609	218,259	231,467
Low Income	11,308	13,019	14,385	16,022	18,117	20,786	24,154	27,445	31,045	34,126	38,522	4,082	4,821	5,570	6,665	7,135	8,143	9,133	9,726	10,653	11,754	13,138
Total	129,335	142,835	159,061	175,442	189,414	202,005	214,173	225,290	236,889	246,288	253,489	39,097	41,998	46,087	50,412	52,287	53,943	56,320	58,799	61,652	65,525	68,552
Australia and New Zealand	409	439	481	531	577	640	695	758	811	868	909	290	299	323	350	365	400	425	456	480	509	532
Central and Southern Asia	28,720	32,129	36,555	40,717	43,440	46,217	49,300	51,380	53,846	56,882	59,206	5,144	5,066	5,056	5,165	5,199	5,252	5,409	5,520	5,688	5,974	6,191
Eastern and South-Eastern Asia	69,285	76,735	85,449	94,500	102,542	109,062	114,514	119,574	124,655	127,985	130,151	17,788	19,670	22,471	25,498	26,355	27,003	27,961	29,021	30,328	32,320	33,575
Europe	12,770	13,118	13,396	13,672	13,975	14,216	14,503	14,877	15,096	15,159	15,070	7,118	7,340	7,551	7,755	7,883	7,958	8,121	8,331	8,473	8,515	8,596
Latin America and the Caribbean	4,676	5,071	5,583	6,099	6,751	7,410	8,120	8,809	9,424	9,955	10,365	3,171	3,441	3,791	4,122	4,384	4,644	4,974	5,263	5,567	6,032	6,326
Northern Africa and Western Asia	6,437	7,498	8,818	10,258	11,521	12,856	14,226	15,928	17,819	18,992	20,131	896	1,055	1,250	1,447	1,571	1,720	1,871	2,090	2,389	2,708	3,002
Northern America	4,308	4,661	5,122	5,521	5,916	6,290	6,791	7,166	7,577	7,913	8,113	2,427	2,574	2,809	2,948	3,108	3,223	3,447	3,586	3,709	3,777	3,870
Oceania	244	273	313	356	395	444	492	540	583	609	646	597	651	715	784	874	974	1,069	1,158	1,243	1,305	1,373
Sub-Saharan Africa	2,483	2,908	3,340	3,785	4,292	4,865	5,527	6,253	7,074	7,920	8,895	1,663	1,899	2,115	2,338	2,543	2,765	3,039	3,370	3,773	4,381	5,084
High Income	24,472	25,465	26,430	27,043	27,907	28,907	29,901	31,146	32,026	32,383	32,430	11,394	11,794	12,284	12,552	12,779	13,084	13,535	14,001	14,373	14,580	14,838
Upper Middle	41,298	45,015	49,273	54,222	58,416	61,712	65,191	68,730	72,270	74,395	75,345	11,353	12,959	15,001	17,179	17,666	17,842	18,457	19,168	19,944	21,106	21,863
Lower Middle	61,737	70,299	81,057	91,638	100,252	108,219	115,583	121,570	128,391	134,939	140,720	15,003	15,720	17,122	18,855	19,864	20,883	21,996	23,055	24,471	26,529	28,086
Low Income	1,725	1,951	2,186	2,409	2,685	2,992	3,306	3,636	3,979	4,328	4,734	1,309	1,485	1,634	1,771	1,920	2,073	2,266	2,508	2,794	3,232	3,679

Source: European Commission, Joint Research Centre (EC-JRC)

Notes:

(a) The Degree of Urbanisation offers a standardized definition of urban areas into three categories of human settlements: urban centres or cities; urban clusters or semi-dense areas; and rural areas.

For more detailed information: https://ec.europa.eu/eurostat/statistics-explained/index.php?title=Applying_the_degree_of_urbanisation_manual

(b) Data provided by EC-JRC, with the Low Elevation Coastal Zones (LECZ) input dataset derived by a Digital Surface Model and provided by CIESIN (Center for International Earth Science Information Network).

For more detailed information: <https://data.jrc.ec.europa.eu/>

(c) Since the population sizes have been rounded to the closest 1,000, the totals may not be equal.

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Table B.3: Share of Population in Low Elevated Coastal Zones (LE CZ) for Areas Below 5 Metres Above Sea Level per Degree of Urbanisation (DEGURBA) ^a Level 1 Classification by Income Groups and Regions, 1975-2025 (%)

Region Name \ World Bank Income Class	Total LE CZ ^b Share of the Population, 1975-2025 (%)											Urban Centres LE CZ ^b Share of the Population, 1975-2025 (%)										
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Total	10.2	10.4	10.6	10.8	11.1	11.5	11.6	11.6	11.7	11.6	14.6	14.7	15.0	15.2	15.6	16.1	16.2	16.3	16.4	16.6	16.6	
Australia and New Zealand	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.4	2.3	2.2	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.2	
Central and Southern Asia	19.0	19.4	20.0	20.4	20.6	20.9	21.1	21.3	21.5	21.7	20.0	20.3	20.7	21.1	21.4	21.8	22.1	22.3	22.5	22.8	23.0	
Eastern and South-Eastern Asia	15.9	16.2	16.6	17.1	17.8	18.7	19.0	19.4	19.7	19.9	17.2	17.5	18.0	18.5	19.6	20.9	21.7	22.4	23.0	23.5	23.8	
Europe	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.5	7.6	9.4	9.4	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.4	
Latin America and the Caribbean	5.9	5.9	6.0	6.0	6.0	6.0	6.0	5.9	6.0	6.0	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1	5.1	5.1	5.1	
Northern Africa and Western Asia	16.7	16.9	17.1	17.4	17.6	17.9	18.2	18.0	18.6	18.7	17.2	17.2	17.3	17.6	17.7	18.0	18.2	17.9	18.7	18.8	19.5	
Northern America	4.5	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.1	4.1	4.7	4.7	4.6	4.5	4.4	4.3	4.3	4.2	4.1	4.1	4.1	
Oceania	1.8	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.5	1.4	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.8	0.7	
Sub-Saharan Africa	4.9	4.9	4.8	4.7	4.6	4.6	4.7	4.7	4.7	4.5	5.1	5.2	5.2	5.2	4.9	5.0	5.0	5.0	5.0	4.9	5.0	
High Income	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.4	7.4	7.3	7.2	7.1	6.9	6.7	6.6	6.5	6.4	6.3	6.2	
Upper Middle	13.7	13.8	14.0	14.2	14.6	15.3	15.6	15.8	16.1	16.3	15.2	15.1	15.3	15.5	16.3	17.3	17.8	18.2	18.7	19.1	19.3	
Lower Middle	17.2	17.5	18.1	18.5	18.8	19.0	19.1	19.1	19.2	19.2	17.1	17.4	17.9	18.4	18.7	19.2	19.4	19.5	19.7	19.7	19.8	
Low Income	5.3	5.4	5.3	5.2	5.1	5.1	5.2	5.2	5.1	4.9	6.2	6.6	6.5	6.5	6.1	6.1	6.2	6.1	6.1	6.0	5.9	
Total	9.7	9.8	9.9	10.0	10.0	10.1	10.1	9.9	9.8	9.8	4.2	4.3	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.5	4.5	
Australia and New Zealand	3.8	3.7	3.7	3.6	3.5	3.6	3.5	3.5	3.4	3.3	5.5	5.4	5.4	5.3	5.1	5.0	4.8	4.7	4.4	4.3	4.1	
Central and Southern Asia	22.6	23.1	23.7	24.2	24.0	24.0	24.1	24.2	24.4	24.7	9.4	9.4	9.5	9.6	9.7	9.8	10.0	10.1	10.2	10.1	10.3	
Eastern and South-Eastern Asia	18.6	18.8	19.0	19.3	19.6	19.8	19.7	19.6	19.4	19.4	9.1	9.5	10.1	10.6	10.9	11.2	11.3	11.4	11.5	11.7	11.8	
Europe	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.0	7.0	7.1	5.4	5.4	5.4	5.5	5.5	5.5	5.4	5.4	5.5	5.5	5.5	
Latin America and the Caribbean	6.9	6.9	7.0	7.1	7.1	7.2	7.2	7.3	7.4	7.5	6.1	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.8	6.9	
Northern Africa and Western Asia	25.5	25.7	25.9	26.2	25.7	25.7	25.9	25.4	25.4	25.6	6.0	6.2	6.3	6.4	6.6	6.8	7.1	7.1	7.4	7.8	8.1	
Northern America	4.7	4.7	4.6	4.5	4.5	4.4	4.3	4.3	4.2	4.2	4.0	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	
Oceania	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	
Sub-Saharan Africa	4.6	4.5	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.9	4.9	4.9	4.7	4.7	4.7	4.8	4.8	4.6	4.4	4.4	
High Income	5.2	5.2	5.2	5.2	5.2	5.2	5.1	5.1	5.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	4.0	
Upper Middle	16.2	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.3	8.1	8.4	8.8	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.9	
Lower Middle	21.6	22.1	22.6	23.1	23.0	23.0	22.9	22.7	22.7	22.9	9.1	9.0	9.1	9.4	9.5	9.5	9.5	9.5	9.4	9.3	9.4	
Low Income	4.7	4.7	4.5	4.3	4.4	4.4	4.4	4.4	4.4	4.3	5.2	5.2	5.1	5.0	4.9	5.0	5.1	5.1	4.9	4.5	4.5	

Source: European Commission, Joint Research Centre (EC-JRC)

Notes:

(a) The Degree of Urbanisation offers a standardized definition of urban areas into three categories of human settlements: urban centres or cities; urban clusters or semi-dense areas; and rural areas.

For more detailed information: <https://ec.europa.eu/eurostat/web/products-manuals-and-guidelines/-/ks-02-20-499>

(b) Data provided by EC-JRC, with the Low Elevation Coastal Zones (LE CZ) input dataset derived by a Digital Surface Model and provided by CIESIN (Center for International Earth Science Information Network).

For more detailed information: <https://data.jrc.ec.europa.eu/>

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Table B.4: Population Sizes and Share of Population in the Urban Centres in Low Elevation Coastal Zones with Elevation Classes under 5 and 10 Metres by Income Groups and Regions, 1975 - 2030

Region Name \ World Bank Income Class	Urban Centres Population Size in Elevation Classes under 5 Metres ^{a,b} (Thousands)												Urban Centres Population Size in Elevation Classes under 10 Metres ^{a,b} (Thousands)											
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030
	Total	51,667	58,600	66,245	74,999	86,285	99,837	111,937	124,563	137,374	148,398	156,474	163,494	157,832	175,436	194,857	217,688	245,536	277,972	299,582	319,556	340,127	360,576	376,133	390,344
Australia and New Zealand	161	184	211	245	279	310	340	371	403	442	468	492	621	670	721	784	850	897	963	1,053	1,150	1,257	1,330	1,401
Central and Southern Asia	5,522	6,528	7,698	8,871	10,186	11,591	12,828	13,955	15,053	15,984	16,907	17,816	38,346	43,652	49,396	55,290	61,675	68,160	73,410	77,343	81,882	86,495	91,335	96,899
Eastern and South-Eastern Asia	28,034	31,890	36,130	41,233	48,791	58,164	66,139	74,237	82,359	88,909	93,218	96,400	81,951	89,904	99,040	110,709	127,452	148,026	159,177	169,456	179,562	189,916	195,854	199,209
Europe	7,151	7,339	7,549	7,786	8,049	8,262	8,476	8,738	9,011	9,293	9,436	9,555	9,735	9,864	9,957	10,115	10,136	10,143	10,244	10,448	10,700	11,029	11,153	11,256
Latin America and the Caribbean	2,857	3,306	3,722	4,149	4,630	5,121	5,509	5,861	6,226	6,550	6,823	7,083	8,546	9,749	10,926	12,263	13,479	14,747	15,784	16,809	17,790	18,459	19,117	19,746
Northern Africa and Western Asia	3,604	4,356	5,222	6,110	7,117	8,272	9,598	11,419	12,985	14,321	15,114	15,891	7,183	8,386	9,753	11,169	12,749	14,437	16,318	18,829	21,067	22,767	23,986	25,263
Northern America	2,277	2,414	2,515	2,641	2,759	2,876	2,929	2,906	3,041	3,178	3,254	3,355	6,582	7,267	7,896	8,627	9,356	10,131	10,580	11,024	11,530	12,068	12,346	12,765
Oceania	37	42	47	52	58	64	70	74	79	84	90	98	100	108	116	123	136	149	160	169	175	184	192	202
Sub-Saharan Africa	2,020	2,537	3,147	3,907	4,412	5,173	6,044	6,998	8,214	9,632	11,160	12,801	4,765	5,831	7,048	8,604	9,699	11,277	12,940	14,421	16,266	18,397	20,815	23,598
High Income	18,377	19,309	20,089	21,100	22,105	22,771	23,432	24,550	25,203	25,690	25,747	25,812	33,392	35,480	37,287	39,492	41,377	42,798	44,224	46,344	47,732	48,844	49,021	49,371
Upper Middle	14,056	16,518	19,503	23,108	29,169	37,447	44,205	50,939	57,957	63,731	67,350	69,818	49,642	54,762	61,649	70,844	84,900	103,879	113,372	121,984	130,866	140,078	145,099	147,289
Lower Middle	18,434	21,818	25,521	29,382	33,534	37,876	42,294	46,897	51,757	56,154	60,153	64,199	71,556	81,388	91,536	102,146	113,648	124,919	134,869	143,671	153,292	162,629	171,963	182,349
Low Income	793	946	1,123	1,397	1,465	1,728	1,990	2,159	2,439	2,802	3,202	3,641	3,174	3,733	4,306	5,120	5,518	6,273	6,997	7,418	8,073	8,828	9,832	11,094
Total	9.2	9.3	9.5	9.7	10.1	10.5	10.9	11.3	11.6	11.7	11.8	11.8	34.5	34.6	34.8	35.1	35.9	36.7	36.3	36.0	35.6	35.5	35.2	35.2
Australia and New Zealand	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.7	2.7	2.7	2.7	2.7	7.5	7.7	7.8	7.9	8.0	8.2	8.3	8.3	8.3	8.3	8.3	8.3
Central and Southern Asia	7.3	7.5	7.7	7.8	8.0	8.1	8.3	8.5	8.5	8.3	8.2	8.0	74.8	73.9	73.2	72.2	71.5	70.8	70.0	69.0	67.6	65.5	64.6	64.1
Eastern and South-Eastern Asia	11.3	11.6	11.9	12.1	12.6	13.2	13.9	14.5	15.2	15.5	15.8	16.0	44.4	43.6	43.3	43.3	44.4	45.4	45.1	44.7	44.5	44.6	44.6	44.5
Europe	9.4	9.4	9.5	9.6	9.8	10.0	10.1	10.2	10.3	10.3	10.3	10.4	13.9	13.7	13.6	13.6	13.5	13.4	13.3	13.2	13.2	13.3	13.3	13.3
Latin America and the Caribbean	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.6	5.7	5.7	5.8	17.3	17.3	17.5	17.7	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0
Northern Africa and Western Asia	10.3	10.7	11.0	11.3	11.6	12.1	12.6	13.1	13.4	13.7	13.8	13.9	23.3	23.3	23.3	23.5	23.7	24.2	24.5	24.9	25.2	25.1	25.3	25.5
Northern America	5.4	5.4	5.3	5.1	5.0	4.9	4.9	4.7	4.7	4.8	4.8	4.8	15.4	16.2	16.6	17.0	17.3	17.6	17.8	17.9	18.1	18.2	18.3	18.3
Oceania	6.9	6.8	6.6	6.5	6.5	6.5	6.4	6.4	6.3	6.0	5.9	5.8	22.4	20.9	19.4	18.2	18.0	17.7	17.3	16.8	16.2	15.0	14.4	13.7
Sub-Saharan Africa	9.0	9.1	9.3	9.6	9.3	9.3	9.2	9.1	8.9	9.0	9.0	9.0	24.7	24.6	24.6	25.0	24.0	23.8	23.3	21.9	20.5	19.3	19.0	18.6
High Income	8.4	8.3	8.2	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	17.0	17.0	16.9	16.9	16.9	16.9	16.9	17.0	16.9	16.8	16.7	16.6
Upper Middle	9.2	9.6	10.0	10.4	11.2	12.0	12.9	13.8	14.6	15.0	15.3	15.5	41.8	40.8	40.7	41.1	42.6	44.3	44.1	43.7	43.6	43.9	43.8	43.4
Lower Middle	10.5	10.7	11.0	11.2	11.3	11.5	11.7	11.9	12.0	12.0	11.9	11.9	56.4	55.2	54.4	53.6	52.7	51.8	50.7	49.0	47.5	46.0	45.2	44.6
Low Income	5.4	5.4	5.5	5.8	5.4	5.7	5.8	5.7	5.6	5.6	5.5	5.5	23.4	23.5	23.5	24.1	23.1	23.4	23.0	21.9	20.8	19.6	19.1	18.7

Source: European Commission, Joint Research Centre (EC-JRC)

Notes:

(a) Data provided by EC-JRC, with the Low Elevation Coastal Zones (LECZ) input dataset derived by a Digital Surface Model and provided by CIESIN (Center for International Earth Science Information Network).

For more detailed information: <https://data.jrc.ec.europa.eu/>

(b) Since the population sizes have been rounded to the closest 1,000, the totals may not be equal.

Last Updated: 15/08/2024

Table B.5: Population Size and Share of Population in the Degree of Urbanisation (DEGURBA) ^a Typologies Level 1 Classification in Areas Exposed to 100 y Floods by Income Groups and Regions, 1975 - 2025

Region Name \ World Bank Income Class	Total Population Size, Exposed to 100 y Floods, 1975-2025 ^{b,c} (Thousands)										Urban Centres Population Size, Exposed to 100 y Floods, 1975-2025 ^{b,c} (Thousands)											
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Total	452,426	503,340	563,188	629,064	692,569	757,959	817,235	873,840	934,943	989,138	1,036,765	194,605	217,812	243,775	273,959	313,718	359,855	394,441	426,865	462,326	492,122	517,158
Australia and New Zealand	415	430	462	495	511	552	580	620	644	672	687	85	95	106	118	131	139	153	172	189	206	218
Central and Southern Asia	139,760	160,010	184,808	211,335	236,764	264,098	291,434	316,028	340,679	364,167	387,573	60,654	68,980	78,727	89,284	103,426	118,392	131,234	142,652	153,330	161,179	169,370
Eastern and South-Eastern Asia	194,097	213,848	237,416	264,661	291,297	317,111	335,647	353,670	372,283	387,302	394,147	78,045	86,941	97,408	110,510	130,065	154,413	168,988	182,578	197,290	210,683	218,190
Europe	47,025	48,231	49,200	50,310	50,652	50,548	50,533	50,974	51,655	52,368	52,306	22,910	23,747	24,211	24,741	24,697	24,565	24,624	24,897	25,404	26,180	26,273
Latin America and the Caribbean	18,110	20,302	22,599	24,893	27,217	29,368	31,307	32,990	35,002	37,057	38,861	8,336	9,660	10,789	12,013	13,203	14,307	15,105	15,808	16,741	17,336	18,032
Northern Africa and Western Asia	27,804	32,328	37,645	43,291	48,773	54,726	61,203	67,700	76,931	84,518	93,062	15,006	17,522	20,473	23,776	27,426	31,294	35,434	39,673	45,592	50,390	55,884
Northern America	10,068	10,682	11,166	11,568	12,212	12,742	13,217	13,645	14,192	14,649	14,996	4,224	4,469	4,679	4,932	5,191	5,453	5,637	5,781	6,084	6,387	6,569
Oceania	82	86	91	97	111	127	142	156	169	180	186	9	10	10	10	12	13	14	14	14	15	15
Sub-Saharan Africa	15,061	17,417	19,796	22,410	25,028	28,683	33,168	38,053	43,384	48,222	54,941	5,331	6,384	7,368	8,570	9,563	11,275	13,248	15,286	17,676	19,742	22,604
High Income	48,737	50,715	52,193	53,950	55,534	56,526	57,822	59,176	60,402	61,504	61,882	27,453	28,685	29,524	30,797	31,583	31,953	32,574	33,235	33,970	34,858	34,998
Upper Middle	192,807	211,082	232,184	256,424	279,681	303,586	321,367	338,833	358,894	375,283	383,705	77,669	86,502	96,796	109,378	127,803	151,644	165,685	178,713	194,293	208,528	216,995
Lower Middle	199,565	228,512	264,410	302,645	339,207	377,024	413,838	448,321	484,525	518,129	552,546	85,744	98,042	112,261	127,767	147,624	168,330	186,876	204,407	222,089	235,571	250,181
Low Income	11,308	13,019	14,385	16,022	18,117	20,786	24,154	27,445	31,045	34,126	38,522	3,738	4,581	5,193	6,015	6,706	7,926	9,305	10,509	11,972	13,165	14,983

Region Name \ World Bank Income Class	Urban Clusters Population Size, Exposed to 100 y Floods, 1975-2025 ^{b,c} (Thousands)										Rural Areas Population Size, Exposed to 100 y Floods, 1975-2025 ^{b,c} (Thousands)											
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Total	194,238	216,552	243,336	271,390	292,462	309,972	330,613	350,246	370,898	388,894	405,501	63,581	68,974	76,076	83,715	86,388	88,131	92,180	96,728	101,718	108,121	114,104
Australia and New Zealand	144	148	159	170	175	193	204	218	225	233	236	185	186	196	206	204	220	222	229	229	231	231
Central and Southern Asia	65,894	76,816	90,475	104,696	115,152	126,562	139,549	151,226	163,612	177,149	190,235	13,211	14,213	15,605	17,354	18,184	19,143	20,650	22,149	23,736	25,838	27,968
Eastern and South-Eastern Asia	90,485	98,691	108,068	118,118	124,834	126,939	130,263	133,708	136,548	136,608	135,511	25,566	28,214	31,940	36,032	36,397	35,758	36,394	37,383	38,443	40,010	40,445
Europe	14,083	14,300	14,583	14,920	15,247	15,355	15,317	15,420	15,547	15,558	15,385	10,032	10,183	10,405	10,647	10,707	10,656	10,591	10,656	10,703	10,629	10,647
Latin America and the Caribbean	5,164	5,601	6,201	6,748	7,489	8,181	8,901	9,546	10,231	11,072	11,727	4,609	5,040	5,607	6,131	6,524	6,878	7,300	7,634	8,028	8,648	9,101
Northern Africa and Western Asia	10,556	12,206	14,186	16,188	17,812	19,647	21,709	23,707	26,485	28,573	30,906	2,241	2,599	2,985	3,327	3,534	3,784	4,059	4,320	4,853	5,553	6,271
Northern America	3,226	3,416	3,549	3,647	3,867	4,045	4,224	4,406	4,588	4,713	4,807	2,617	2,797	2,937	2,988	3,153	3,242	3,355	3,457	3,519	3,548	3,620
Oceania	8	9	10	11	13	15	17	19	21	20	21	63	67	70	74	85	98	110	122	133	143	149
Sub-Saharan Africa	4,675	5,360	6,100	6,888	7,869	9,030	10,425	11,992	13,637	14,963	16,669	5,054	5,672	6,326	6,951	7,595	8,378	9,494	10,774	12,069	13,516	15,667
High Income	12,982	13,409	13,757	14,066	14,590	15,021	15,441	15,868	16,210	16,368	16,416	8,302	8,620	8,910	9,086	9,360	9,551	9,806	10,072	10,221	10,278	10,467
Upper Middle	85,160	91,565	98,545	106,185	110,741	111,604	114,736	118,256	121,540	122,181	121,418	29,977	33,015	36,842	40,861	41,136	40,338	40,945	41,863	43,060	44,574	45,291
Lower Middle	92,818	107,865	126,944	146,567	161,663	176,984	192,906	207,397	223,160	239,420	255,560	21,002	22,604	25,204	28,310	29,919	31,709	34,055	36,516	39,275	43,137	46,804
Low Income	3,273	3,706	4,079	4,557	5,449	6,337	7,491	8,677	9,931	10,855	12,026	4,295	4,731	5,112	5,448	5,961	6,522	7,357	8,258	9,141	10,105	11,512

Region Name \ World Bank Income Class	Total Share of Population, Exposed to 100 y Floods, 1975-2025 ^{b,c} (%)										Urban Centres Share of Population, Exposed to 100 y Floods, 1975-2025 ^{b,c} (%)											
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Total	12.5	12.8	13.1	13.4	13.7	14.1	14.2	14.3	14.4	14.5	14.5	13.4	13.6	13.9	14.2	14.6	15.2	15.5	15.7	15.9	16.1	16.1
Australia and New Zealand	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.4	2.3	2.2	2.2	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2
Central and Southern Asia	19.0	19.4	20.0	20.4	20.6	20.9	21.1	21.3	21.5	21.7	22.0	16.6	16.9	17.2	17.4	17.6	17.9	18.1	18.2	18.4	18.6	18.7
Eastern and South-Eastern Asia	15.9	16.2	16.6	17.1	17.8	18.7	19.0	19.4	19.7	19.9	20.1	14.6	14.9	15.2	15.6	16.4	17.3	17.8	18.3	18.7	19.0	19.2
Europe	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.5	7.6	7.6	8.6	8.6	8.6	8.6	8.5	8.5	8.5	8.5	8.6	8.6	8.6
Latin America and the Caribbean	5.9	5.9	6.0	6.0	6.0	6.0	6.0	5.9	6.0	6.0	6.1	5.1	5.1	5.1	5.0	5.0	5.0	4.9	4.8	4.8	4.8	4.9
Northern Africa and Western Asia	16.7	16.9	17.1	17.4	17.6	17.9	18.2	18.0	18.6	18.7	19.2	14.7	14.7	14.8	15.0	15.1	15.3	15.4	15.2	15.7	15.8	16.3
Northern America	4.5	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.1	4.1	4.1	4.5	4.5	4.4	4.3	4.2	4.1	4.0	4.0	4.0	4.0	4.0
Oceania	1.8	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.5	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.7
Sub-Saharan Africa	4.9	4.9	4.8	4.7	4.6	4.6	4.7	4.7	4.7	4.5	4.6	4.9	5.0	4.9	4.9	4.7	4.7	4.8	4.8	4.8	4.7	4.7
High Income	5.9	5.9	5.8	5.8	5.7	5.6	5.6	5.5	5.4	5.4	5.4	7.4	7.3	7.2	7.1	6.9	6.7	6.6	6.5	6.4	6.3	6.2
Upper Middle	13.7	13.8	14.0	14.2	14.6	15.3	15.6	15.8	16.1	16.3	16.5	15.2	15.1	15.3	15.5	16.3	17.3	17.8	18.2	18.7	19.1	19.3
Lower Middle	17.2	17.5	18.1	18.5	18.8	19.0	19.1	19.1	19.2	19.2	19.3	17.1	17.4	17.9	18.4	18.7	19.2	19.4	19.5	19.7	19.7	19.8
Low Income	5.3	5.4	5.3	5.2	5.1	5.1	5.2	5.2	5.1	4.9	4.9	6.2	6.6	6.5	6.5	6.1	6.1	6.2	6.1	6.1	6.0	5.9

Region Name \ World Bank Income Class	Urban Clusters Share of Population, Exposed to 100 y Floods, 1975-2025 ^{b,c} (%)										Rural Areas Share of Population, Exposed to 100 y Floods, 1975-2025 ^{b,c} (%)											
	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025
Total	15.3	15.6	16.0	16.3	16.4	16.4	16.4	16.3	16.3	16.4	16.5	7.1	7.2	7.5	7.7	7.7	7.7	7.8	7.8	7.8	7.7	7.7
Australia and New Zealand	3.6	3.6	3.5	3.5	3.4	3.5	3.4	3.4	3.3	3.2	3.1	5.2	5.1	5.1	5.0	4.8	4.8	4.6	4.4	4.3	4.1	4.0
Central and Southern Asia	18.4	18.8	19.2	19.5	19.3	19.4	19.4	19.5	19.6	19.8	20.1	8.6	8.6	8.6	8.8	8.8	8.9	9.1	9.2	9.3	9.2	9.3
Eastern and South-Eastern Asia	15.7	15.8	16.0	16.2	16.4	16.5	16.5	16.4	16.3	16.2	16.2	8.3	8.7	9.1	9.6	9.8	10.1	10.2	10.2	10.3	10.5	10.6
Europe	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2

Table C.1: Spatial Urbanization Indicators in Regions and Selected Cities for Selected Years

Country / Territory Name	City Name	Green Area per Capita (UMF 47-3.3.2) ^a							SDG 11.2.1. Public Transport (UMF 10-1.2.2), 2020 ^b	SDG 11.7.1. Open Public Spaces (UMF44-3.2.1), 2020 ^b	SDG 11.3.1. Land Consumption (UMF 51-3.4.2) ^b						
		Green Area Per Capita 1990 (m ² per capita)	Green Area Per Capita 2000 (m ² per capita)	Green Area Per Capita 2010 (m ² per capita)	Green Area Per Capita 2020 (m ² per capita)	Proportion of Green Area in City/ Urban Area 1990 (%)	Proportion of Green Area in City/ Urban Area 2000 (%)	Proportion of Green Area in City/ Urban Area 2010 (%)	Proportion of Green Area in City/ Urban Area 2020 (%)	Proportion of population living within convenient walking distance to public transport (%) ^c	Average share of urban area that is open space for public use for all (%) ^d	Average share of urban population with convenient access to open public spaces (%) ^e	Land Consumption Rate to Population Growth Rate (LCRPGR) Year 1 to Year 2 (Ratio)	Land Consumption Rate to Population Growth Rate (LCRPGR) Year 2 to Year 3 (Ratio)	Built Up area Per Capita Year 1 (m ² per capita)	Built Up area Per Capita Year 2 (m ² per capita)	Built Up area Per Capita Year 3 (m ² per capita)
WORLD ^f		86.6	63.7	50.1	43.8	21.9	19.2	16.7	15.3	60.9	...	44.2	...	...	...	...	...
Australia and New Zealand ^f		144.4	113.1	105.6	92.8	21.9	19.9	20.3	20.0	81.3	...	71.1	...	...	...	...	...
Central and Southern Asia ^f		37.2	24.8	17.6	13.6	15.8	13.2	10.4	9.2	52.8	...	38.2	...	...	...	...	...
Sub-Saharan Africa ^f		81.5	48.8	30.6	19.6	19.1	15.7	13.1	9.5	33.8	...	21.2	...	...	...	...	...
Latin America and the Caribbean ^f		96.0	59.3	41.7	33.6	29.7	23.6	19.5	17.3	60.6	...	57.6	...	...	...	...	...
Northern America and Europe ^f		139.2	120.3	105.9	100.8	22.6	22.4	22.0	23.0	82.6	...	65.8	...	...	...	...	...
Oceania excluding Australia and New Zealand ^f		...	...	...	...	...	...	...	...	16.2	...	30.5	...	...	...	...	...
Western Asia and Northern Africa ^f		23.6	16.1	10.8	9.1	14.0	11.4	9.5	8.0	49.3	...	41.1	...	...	...	...	...
Eastern and South-Eastern Asia ^f		110.3	69.6	45.0	34.6	34.4	30.8	23.7	19.8	56.6	...	36.1	...	...	...	...	...
ECA ^f		...	...	...	...	...	...	...	...	34.9	...	23.2	...	...	...	...	...
ECE ^f		...	...	...	...	...	...	...	...	81.5	...	63.5	...	...	...	...	...
ECLAC ^f		...	...	...	...	...	...	...	...	60.6	...	57.6	...	...	...	...	...
ESCAP ^f		...	...	...	...	...	...	...	...	59.0	...	40.2	...	...	...	...	...
ESCSWA ^f		...	...	...	...	...	...	...	...	33.7	...	32.5	...	...	...	...	...
Afghanistan	Herat	25.0	7.8	3.6	1.7	11.0	5.1	3.8	3.2	50.4	17.2	55.6	...	...	...	...	...
Afghanistan	Kabul	7.8	5.3	2.6	1.7	5.5	5.8	3.9	3.5	19.1	19.9	13.0	0.4	0.2	40.8	33.7	26.5
Afghanistan	Mazar-e Sharif	6.9	1.0	1.3	1.5	2.6	0.4	0.7	1.2	57.8	15.3	65.6	2.5	0.5	53.1	79.7	65.5
Algeria	Annaba	23.3	18.9	16.5	17.7	13.3	11.1	9.6	10.9	15.4	14.8	49.6	0.0	1.9	69.6	85.6	89.7
Algeria	Blida	30.4	25.1	16.2	13.5	10.0	11.0	9.1	10.0	41.1	15.4	54.0	0.5	0.6	105.0	91.8	83.4
Angola	Huambo	13.4	11.6	11.8	11.4	8.0	8.1	7.8	7.1	21.5	16.1	14.0	...	...	...	...	...
Angola	Luenha	163.7	55.6	16.7	4.5	4.5	5.5	5.3	3.4	5.2	13.2	22.9	...	...	...	...	...
Angola	Malanje	12.0	7.0	4.8	2.1	3.4	3.7	3.8	2.6	10.5	9.9	9.5	0.3	1.1	72.4	55.1	56.8
Argentina	Buenos Aires	64.8	56.8	33.2	25.0	31.9	31.1	20.4	16.0	87.3	16.3	49.5	0.5	1.6	116.8	110.8	113.6
Argentina	Clorinda	204.4	115.0	79.9	51.1	49.5	32.4	24.0	16.5	...	18.5	73.7	1.5	1.4	184.5	189.8	195.0
Argentina	Rosario	54.4	55.4	31.5	28.0	22.6	24.1	14.4	14.5	90.6	22.8	52.8	1.9	0.8	126.9	132.3	128.4
Argentina	San Juan	79.2	44.6	28.7	19.2	23.2	15.1	10.5	7.5	15.7	17.5	59.1	1.6	1.6	150.7	158.0	164.6
Armenia	Yerevan	35.5	27.7	27.3	31.7	16.7	12.0	11.2	12.3	68.9	19.8	47.2	...	...	...	...	...
Australia	Cairns	252.7	146.6	118.5	110.9	23.5	17.6	18.0	19.0	77.2	23.9	97.8	1.7	0.1	272.5	320.2	286.0
Australia	Central Coast	101.6	80.4	85.3	77.8	10.2	11.0	13.7	14.3	94.4	17.9	76.2	0.7	0.4	375.8	359.0	329.5
Australia	Hobart	135.1	128.6	112.8	84.4	22.2	20.5	18.6	14.3	94.3	26.2	73.9	1.8	3.9	375.9	386.5	419.3
Australia	Newcastle-Maitland	106.7	114.2	110.1	101.0	13.3	16.6	17.7	17.5	90.9	20.7	73.4	0.4	0.8	338.6	319.3	315.0
Australia	Sydney	43.6	36.3	40.4	32.7	9.9	8.6	10.7	10.3	69.6	13.5	33.4	0.3	0.2	251.4	234.4	204.6
Australia	Wollongong	106.0	88.5	105.6	96.7	15.9	14.2	17.9	17.8	90.6	19.2	80.6	1.7	1.4	349.8	364.5	377.0
Austria	Wien (Vienna)	75.3	71.4	58.7	60.4	30.3	29.3	26.3	30.7	97.5	27.5	72.4	0.1	0.4	147.4	136.6	127.0
Azerbaijan	Baku	9.8	6.3	3.9	3.7	4.2	2.8	1.9	2.0	80.0	7.6	36.4	2.2	1.9	112.6	127.1	136.3
Bahrain	Al-Manamah (Manama)	35.1	32.7	11.3	10.5	5.9	7.6	4.5	4.8	...	...	...	0.4	0.6	203.3	148.1	139.4
Bangladesh	Dhaka	15.8	9.4	4.9	1.4	20.2	18.0	13.1	5.1	47.6	0.0	23.0	0.6	0.2	25.8	22.5	17.4
Belarus	Minsk	77.3	56.2	47.4	25.3	40.6	30.9	27.9	16.6	99.1	19.5	...	0.0	-224.1	45.2	45.4	82.2
Belgium	Antwerpen	39.7	46.2	58.5	51.6	12.2	14.7	19.5	18.0	95.3	22.1	64.4	0.9	1.6	133.0	132.6	136.2
Benin	Djougou	23.0	15.4	22.5	15.0	3.8	3.6	6.7	5.8	24.5	16.0	40.7	0.6	0.8	185.6	169.0	159.9
Benin	Kandi	36.4	44.3	14.4	8.9	6.6	13.0	6.7	5.5	58.4	13.7	70.4	0.9	2.0	83.3	78.2	103.2
Benin	Parakou	60.4	47.9	30.4	17.5	8.1	8.9	8.5	7.6	46.2	17.3	81.9	...	...	...	...	...
Bolivia (Plurinational State of)	La Paz	3.3	2.5	2.7	1.8	1.4	1.3	1.6	1.2	51.5	20.7	79.5	1.4	2.0	82.9	87.5	99.4
Botswana	Gaborone	11.9	12.6	5.7	6.4	0.9	1.4	0.8	1.2	66.5	16.6	66.5	0.9	0.2	481.0	471.4	390.2
Brazil	Aparecida de Goiânia	85.2	37.4	37.6	28.1	16.8	10.5	13.0	12.4	87.1	22.2	52.8	0.7	0.4	182.1	170.0	146.6
Brazil	Belém	71.1	27.0	17.6	20.9	39.7	21.2	15.5	20.0	31.2	14.9	29.3	...	...	...	...	...
Brazil	Belo Horizonte	36.1	26.3	19.2	24.3	15.5	15.1	12.1	16.6	85.8	19.3	41.6	0.4	0.4	110.6	104.7	98.9
Brazil	Blumenau	280.0	142.8	107.4	102.3	58.2	38.3	33.7	35.9	...	...	...	...	...	...	...	...
Brazil	Brasília	22.9	19.5	11.9	13.4	6.1	8.4	6.3	8.8	76.3	21.5	47.2	1.4	0.3	91.2	98.7	86.3
Brazil	Campinas	161.3	74.4	73.7	61.6	34.1	21.1	24.5	23.3	78.0	14.3	56.8	0.8	1.0	147.3	143.3	143.9
Brazil	Criúma	237.1	135.6	97.5	93.4	48.9	31.2	25.4	25.0	57.4	11.3	52.2	1.3	4.3	223.6	231.4	251.7
Brazil	Cuiabá	96.1	68.7	61.8	49.2	23.3	21.1	21.5	18.0	80.1	18.9	47.9	...	...	...	...	...
Brazil	Feira De Santana	36.7	33.8	14.2	13.3	13.3	15.5	7.5	8.0	...	...	...	...	...	...	...	...
Brazil	Fortaleza	39.5	28.0	20.2	15.7	21.3	18.5	15.5	13.1	97.5	20.1	61.5	0.8	1.0	79.9	77.3	77.2
Brazil	Jaraguá do Sul	509.7	227.3	137.8	117.4	61.1	40.4	32.4	33.0	...	...	...	...	...	...	...	...
Brazil	Manaus	134.8	56.2	32.2	24.1	53.7	32.4	23.7	22.0	98.5	15.1	31.5	0.4	0.2	93.8	81.3	68.5
Brazil	Petrolina	3.2	2.4	1.6	2.0	0.8	0.8	0.7	1.1	...	...	...	...	...	...	...	...
Brazil	Pôrto Alegre	62.5	55.6	41.8	37.3	26.5	27.4	21.5	19.8	80.1	18.4	63.0	...	...	...	...	...
Brazil	Pôrto Velho	94.6	39.0	29.8	18.7	24.9	12.0	11.6	8.3	...	...	...	...	...	...	...	...
Brazil	Rio de Janeiro	48.4	32.8	33.5	32.6	33.3	25.9	28.3	29.1	89.7	12.6	58.6	0.9	1.1	77.2	76.6	76.9
Brazil	Salvador	47.1	40.2	29.5	26.2	35.9	37.0	30.2	29.6	80.4	13.5	44.8	1.1	0.5	59.4	59.8	56.6
Brazil	São Gonçalo	81.1	62.8	65.2	65.2	37.9	34.2	39.2	41.9	90.8	...	...	0.5	0.5	107.7	102.7	99.5
Brazil	São Paulo	36.3	25.3	24.1	21.3	27.7	21.0	21.9	20.1	88.3	18.8	53.8	...	...	...	...	...
Bulgaria	Burgas	20.3	14.2	14.1	24.3	10.0	6.9	6.6	10.7	89.2	22.5	85.0	-2.2	-0.2	129.2	139.5	151.3
Bulgaria	Dobrič (Dobrich)	39.6	34.8	45.3	58.1	19.0	14.6	16.2	17.0	87.7	18.4	84.1	-0.4	-0.2	128.5	162.0	206.4
Bulgaria	Sofia	13.9	22.4	26.0	33.1	7.0	10.7	13.2	17.9	92.1	20.5	63.8	0.9	0.3	121.5	120.4	115.4
Burkina Faso	Bobo-Dioulasso	20.7	4.3	3.6	1.9	3.8	1.1	1.4	1.2	43.9	...	...	0.8	0.9	123.3	112.7	107.6
Burkina Faso	Ouagadougou	32.4	4.0	3.8	2.5	3.3	0.7	1.1	1.2	31.5	13.0	44.9	0.4	1.0	193.5	139.8	140.4

Table C.1: Continued

Country / Territory Name	City Name	Green Area per Capita (UMF 47-3.3.2) ^a							SDG 11.2.1. Public Transport (UMF 10-1.2.2), 2020 ^b	SDG 11.7.1. Open Public Spaces (UMF44-3.2.1), 2020 ^b			SDG 11.3.1. Land Consumption (UMF 51-3.4.2) ^b				
		Green Area Per Capita 1990 (m ² per capita)	Green Area Per Capita 2000 (m ² per capita)	Green Area Per Capita 2010 (m ² per capita)	Green Area Per Capita 2020 (m ² per capita)	Proportion of Green Area in City/Urban Area 1990 (%)	Proportion of Green Area in City/Urban Area 2000 (%)	Proportion of Green Area in City/Urban Area 2010 (%)	Proportion of Green Area in City/Urban Area 2020 (%)	Proportion of population living within convenient walking distance to public transport (%) ^c	Average share of urban area that is open space for public use for all (%) ^d	Average share of urban population with convenient access to open public spaces (%) ^e	Land Consumption Rate to Population Growth Rate (LCRPR) Year 1 to Year 2 (Ratio)	Land Consumption Rate to Population Growth Rate (LCRPR) Year 2 to Year 3 (Ratio)	Built Up area Per Capita Year 1 (m ² per capita)	Built Up area Per Capita Year 2 (m ² per capita)	Built Up area Per Capita Year 3 (m ² per capita)
Eritrea	Asmara	1.8	6.1	7.5	10.2	1.1	4.0	6.1	5.8	22.5	15.7	34.4	1.0	0.0	73.6	74.2	111.7
Eswatini	Mbabane	138.8	120.1	90.8	99.3	20.0	23.7	19.7	19.5	35.6	11.8	27.4	3.6	0.0	118.9	152.6	235.3
Ethiopia	Dire Dawa	10.0	6.1	4.1	6.5	7.0	6.0	5.1	9.7	24.5	18.2	38.7	1.0	0.2	53.0	53.2	46.6
France	Angers	40.3	60.5	66.8	89.3	9.8	15.6	16.9	21.6	97.5	14.3	81.5	-3.6	-1.2	196.5	216.5	237.0
France	Le Mans	77.1	126.1	120.0	133.1	16.9	27.5	25.5	27.6	95.8	19.1	81.2	...	...	...	...	...
France	Marseille	24.1	31.4	36.5	36.6	11.0	14.9	18.2	18.3	94.4	16.0	46.5	2.3	-11.3	107.6	115.1	117.4
France	Nantes	91.7	82.8	103.6	104.1	20.7	20.0	26.2	28.1	97.3	17.5	67.6	2.4	1.5	178.5	190.6	196.6
France	Strasbourg	17.4	16.9	15.4	25.4	6.0	6.3	5.9	9.9	94.2	16.9	73.2	1.1	1.8	117.0	117.3	119.1
France	Tours	45.7	77.7	81.3	114.1	8.9	15.9	17.0	23.9	95.8	14.9	78.9	3.7	0.0	237.6	254.0	282.6
Germany	Bremen	93.6	74.9	63.0	63.6	29.2	23.0	19.5	21.0	95.7	...	...	...	...	...	...	...
Germany	Halle (Saale)	13.1	26.5	34.7	37.2	5.3	8.4	10.3	11.6	90.8	20.0	76.4	-2.3	0.8	132.6	168.1	166.1
Germany	Hamburg	120.3	108.5	98.6	78.0	36.7	34.5	32.4	26.5	96.4	18.6	78.2	2.2	4.3	145.7	151.2	169.6
Germany	München (Munich)	87.4	70.7	49.9	54.1	36.9	29.9	23.6	29.7	93.6	...	...	0.3	0.5	131.5	121.4	113.2
Germany	Oldenburg (Oldenburg)	157.8	153.7	138.1	129.4	31.8	33.0	30.7	29.3	91.1	15.1	72.8	2.6	10.0	221.6	235.0	274.4
Ghana	Tamale	85.9	30.9	11.7	7.0	12.7	6.0	2.9	3.1	...	6.6	11.3	8.8	...	...	...	...
Greece	Athina (Athens)	1.8	1.9	2.8	3.2	1.6	1.8	2.6	2.9	97.0	30.5	92.9	-0.9	-0.2	65.1	66.3	69.8
Greece	Thessaloniki	14.9	14.8	13.9	24.7	6.4	6.9	6.5	11.3	98.8	16.2	65.7	...	...	...	...	...
Guatemala	Mazatenango	148.8	104.4	77.9	48.0	60.7	53.8	49.4	37.4	66.7	13.7	58.3	1.9	2.6	43.0	51.4	70.7
Guatemala	Quezaltenango	18.5	19.0	14.4	13.4	3.7	4.8	4.4	4.8	25.4	15.5	30.1	1.3	1.4	139.1	148.5	158.7
Guatemala	San Juan Sacatepéquez	102.9	91.8	72.2	48.2	57.4	55.3	48.7	34.4	43.8	0.0	43.9	1.5	3.3	54.2	57.3	65.2
Guinea	Conakry	154.4	56.9	42.4	10.3	49.0	25.1	25.3	8.2	23.4	18.1	2.9	0.6	0.7	112.5	98.4	90.7
Guinea	Kankan	36.4	17.7	10.6	9.4	5.5	3.9	3.0	3.2	...	...	...	...	...	...	...	...
Guinea	Nzérekoré	321.6	133.1	69.5	27.0	70.0	47.9	34.0	16.6	...	...	...	...	...	...	...	...
Guinea-Bissau	Bissau	287.4	106.4	52.6	18.8	78.2	42.1	29.9	14.8	38.2	12.4	45.1	1.1	0.9	87.9	91.7	89.5
Honduras	El Progreso	141.0	59.4	45.0	31.0	63.6	34.5	31.1	20.9	33.3	20.2	46.4	1.1	0.0	85.3	87.3	96.9
Honduras	San Pedro Sula	109.4	62.1	40.6	18.8	41.4	32.1	26.5	16.6	17.7	18.6	56.2	0.7	0.6	90.6	84.8	74.9
Hungary	Miskolc	73.5	80.0	89.9	89.8	28.6	29.0	29.5	26.1	93.1	...	...	...	...	...	...	...
Hungary	Sopron	126.7	107.0	95.5	86.0	34.4	32.6	33.0	32.5	...	...	...	...	...	...	...	...
India	Ahmadnagar	9.3	8.1	5.0	5.3	6.9	8.5	5.6	5.6	19.6	16.2	10.8	1.8	0.0	48.0	51.2	58.7
India	Amritsar	30.3	18.7	5.7	5.9	30.5	23.9	8.1	8.7	...	...	...	...	...	...	...	...
India	Bareilly	19.3	17.0	10.0	13.5	19.6	21.2	15.2	21.8	52.4	12.4	22.3	1.1	0.3	24.0	24.5	23.4
India	Bhiwandi	4.3	2.6	2.6	2.3	3.8	3.4	4.5	4.7	16.6	12.2	29.7	0.5	0.8	38.1	33.0	31.8
India	Bhopal	41.5	39.0	29.9	15.3	26.4	33.9	32.3	20.2	62.0	21.7	30.4	1.6	0.4	37.8	43.2	38.1
India	Delhi	13.4	7.7	3.9	3.7	8.1	7.0	4.5	5.3	62.0	24.3	43.6	0.8	0.7	47.1	45.1	42.5
India	Hyderabad	16.5	19.5	8.9	9.5	9.5	13.8	7.5	9.3	72.0	21.5	52.3	1.6	0.9	59.2	65.4	64.4
India	Jalandhar	35.1	23.7	22.3	23.6	26.0	20.5	20.9	22.8	...	...	...	...	...	...	...	...
India	Kochi (Cochin)	130.2	135.3	127.5	104.8	45.3	51.0	50.4	48.1	70.0	0.0	17.0	10.1	0.7	79.1	122.0	116.3
India	Lakhimpur	6.0	5.4	4.5	6.2	10.2	12.4	13.2	14.3	...	...	...	...	...	...	...	...
India	Ludhiana	33.2	15.1	11.6	9.2	21.1	13.0	11.4	10.1	...	...	...	...	...	...	...	...
India	Moradabad	13.3	5.7	3.1	4.0	22.6	11.8	7.8	10.9	...	...	...	...	...	...	...	...
India	Mumbai (Bombay)	2.7	2.2	1.7	1.5	8.0	8.0	6.6	6.4	80.9	17.6	35.3	0.5	0.6	17.2	16.4	15.8
India	Nashik	20.8	15.4	12.0	8.5	12.9	15.0	14.3	11.8	...	...	...	...	...	...	...	...
India	Patna	74.7	47.5	39.5	20.1	67.4	61.7	63.5	38.2	15.3	20.4	36.8	0.9	1.0	35.8	35.0	34.8
India	Pune (Poona)	75.9	39.9	18.8	19.4	37.8	25.5	15.7	18.2	75.1	16.4	30.8	0.8	0.9	64.3	60.8	60.1
India	Shahjahanpur	8.5	5.8	4.4	3.7	19.1	15.4	13.6	8.9	...	...	...	...	...	...	...	...
India	Sitapur	3.7	2.9	2.7	5.5	7.8	7.8	8.8	12.4	18.5	0.0	28.6	1.2	0.0	13.8	14.5	25.9
India	Surat	18.1	10.0	3.5	1.6	21.8	18.5	8.6	5.3	56.8	18.7	45.0	0.8	0.1	31.3	29.6	22.8
Indonesia	Bandar Lampung	190.8	127.5	74.1	23.4	54.6	59.5	48.1	18.5	26.3	17.9	13.8	0.5	0.3	109.1	92.6	80.5
Indonesia	Cirebon	86.5	72.3	59.1	27.1	50.8	49.3	42.3	20.8	8.0	10.3	17.9	0.0	6.7	19.1	54.4	80.5
Indonesia	Manado	39.4	36.1	29.8	31.7	28.8	31.3	26.6	29.4	...	...	...	...	...	...	...	...
Indonesia	Medan	136.2	104.2	74.0	53.2	78.7	68.2	53.9	42.0	41.5	16.6	29.6	3.2	0.4	49.6	62.5	59.6
Indonesia	Pekalongan	67.7	57.2	24.2	28.2	54.7	46.8	19.9	22.7	13.9	12.1	41.3	...	...	...	...	...
Indonesia	Semarang	90.4	54.6	34.2	28.8	52.8	36.5	24.8	22.9	33.4	12.7	39.4	3.8	1.5	58.9	73.6	77.2
Iran (Islamic Republic of)	Ardabil	13.4	5.2	2.5	3.8	8.3	3.5	1.8	3.0	54.1	22.9	79.4	0.6	1.2	89.5	86.5	87.7
Iran (Islamic Republic of)	Bandar Abbas	15.6	15.3	3.7	5.9	4.4	5.6	1.8	3.6	36.3	18.6	59.5	0.4	0.3	155.5	130.0	112.1
Iran (Islamic Republic of)	Bojnurd	21.6	8.2	3.2	2.4	8.5	4.5	2.3	2.1	55.7	16.4	45.2	0.3	0.4	104.2	87.1	78.1
Iran (Islamic Republic of)	Dehdasht	1.7	0.7	0.7	1.1	1.8	0.9	0.7	0.8	62.2	16.9	64.8	...	...	...	...	...
Iran (Islamic Republic of)	Ezfañan (Isfahan)	120.0	92.6	44.6	31.4	34.6	34.1	20.1	16.7	43.2	18.8	50.8	0.4	0.2	159.6	140.2	123.3
Iran (Islamic Republic of)	Karaj	16.4	8.5	5.9	4.7	9.0	5.7	5.1	5.3	14.1	14.0	50.6	1.1	0.1	64.0	64.9	51.2
Iran (Islamic Republic of)	Kāshmar	60.7	42.4	27.9	17.2	14.1	13.5	11.1	7.8	19.5	19.5	73.3	0.9	0.4	152.9	151.2	139.9
Iran (Islamic Republic of)	Mashhad	9.6	4.1	2.2	2.1	6.6	3.4	2.2	2.6	55.2	19.6	54.7	0.4	0.3	64.3	55.8	49.1
Iran (Islamic Republic of)	Nishābūr (Nishapur/ Neyshabur)	11.7	4.2	1.3	1.2	4.5	2.5	0.8	0.8	32.2	16.8	64.7	...	...	...	...	...
Iran (Islamic Republic of)	Shiraz	7.1	7.3	6.0	6.3	5.0	5.0	3.8	3.4	45.4	13.8	54.7	...	...	...	...	...
Iran (Islamic Republic of)	Shirvān	16.1	3.4	1.3	0.9	6.0	1.8	0.9	0.7	...	...	...	...	...	...	...	...
Iran (Islamic Republic of)	Tabriz	7.8	3.3	3.1	4.1	5.2	2.5	2.8	4.1	59.0	22.9	56.3	0.7	0.2	73.6	70.7	64.3
Iran (Islamic Republic of)	Tehran	7.6	4.4	3.9	4.2	5.7	3.7	3.6	4.6	71.7	23.4	73.9	0.4	0.1	73.1	68.9	58.6
Iraq	Baghdad	5.0	4.7	3.4	2.1	2.7	3.2	2.6	2.0	8.1	18.4	20.3	0.6	0.5	75.0	71.9	64.5
Iraq	Faloojah	35.2	22.5	3.0	0.9	14.1	13.4	2.2	0.9	...	...	...	...	...	...	...	...
Ireland	Dublin	102.2	81.6	62.5	61.5	32.1	27.1	22.9	25.0	92.7	23.0	84.2	0.4	0.3	173.5	163.3	152.1
Israel	Tel Aviv-Yafo (Tel Aviv-Jaffa)	20.1	8.4	3.2	4.0	6.4	4.0	1.8	2.8	100.0	22.8	65.7	0.2	0.6	107.5	96.1	91.6

Table C.1: Continued

Country / Territory Name	City Name	Green Area per Capita (UMF 47-3.3.2) ^a							SDG 11.2.1. Public Transport (UMF 10-1.2.2), 2020 ^b	SDG 11.7.1. Open Public Spaces (UMF44-3.2.1), 2020 ^b		SDG 11.3.1. Land Consumption (UMF 51-3.4.2) ^b					
		Green Area Per Capita 1990 (m ² per capita)	Green Area Per Capita 2000 (m ² per capita)	Green Area Per Capita 2010 (m ² per capita)	Green Area Per Capita 2020 (m ² per capita)	Proportion of Green Area in City/Urban Area 1990 (%)	Proportion of Green Area in City/Urban Area 2000 (%)	Proportion of Green Area in City/Urban Area 2010 (%)	Proportion of Green Area in City/Urban Area 2020 (%)	Proportion of population living within convenient walking distance to public transport (%) ^c	Average share of urban area that is open space for public use for all (%) ^d	Average share of urban population with convenient access to open public spaces (%) ^e	Land Consumption Rate to Population Growth Rate (LCRAGR) Year 1 to Year 2 (Ratio)	Land Consumption Rate to Population Growth Rate (LCRAGR) Year 2 to Year 3 (Ratio)	Built Up area Per Capita Year 1 (m ² per capita)	Built Up area Per Capita Year 2 (m ² per capita)	Built Up area Per Capita Year 3 (m ² per capita)
Italy	Marsala	4.3	5.9	8.7	12.3	1.9	2.6	4.1	5.2	...	...	...	...	...	...	...
Italy	Messina	5.0	9.4	16.5	16.8	4.1	8.3	14.2	13.9	98.1	...	...	...	...	...	...
Italy	Milano (Milan)	7.7	15.8	18.2	32.8	3.4	7.0	8.3	15.4	77.7	23.6	76.2	1.1	0.9	108.9	109.2	108.7
Italy	Palermo	44.6	38.6	36.7	40.0	28.3	24.5	22.8	24.2	93.9	16.2	42.2	-1.6	-0.7	87.9	93.6	97.6
Italy	Roma (Rome)	32.8	27.5	27.1	44.0	16.8	13.9	14.0	23.9	96.1	21.8	80.0	1.8	0.1	99.4	101.4	97.1
Italy	Venezia	0.4	1.3	1.5	1.1	0.3	1.0	1.1	0.8	87.4	...	...	...	...	...	...
Italy	Verona	91.6	52.5	56.4	26.6	28.4	16.7	18.3	9.0	95.3	...	...	...	...	...	...
Japan	Akita	36.9	23.7	24.5	29.6	13.5	9.2	9.0	9.7	83.9	13.7	92.1	-0.2	-0.2	163.8	174.9	203.2
Japan	Chukyo M.M.A. (Nagoya)	35.6	36.9	22.2	23.8	9.7	10.4	6.4	7.2	...	...	...	3.4	-3.5	124.7	128.7	119.8
Japan	Kanazawa	17.0	13.6	17.7	29.5	5.0	4.3	5.5	9.0	76.6	16.7	77.0	-2.4	-2.7	174.1	187.8	200.6
Japan	Okinawa	97.7	75.9	75.7	66.2	23.5	21.9	23.1	22.0	...	...	...	...	...	...	...
Japan	Osaka	21.0	18.6	15.8	19.8	14.1	12.0	9.9	11.8	69.4	18.4	72.2	1.0	-2.6	78.6	78.6	72.3
Japan	Tokyo	13.9	13.4	11.2	12.8	8.5	8.6	7.7	9.0	74.0	23.1	74.8	...	...	...	...	...
Japan	Toyama	18.0	9.4	12.1	30.0	3.9	2.8	3.4	7.9	...	...	...	...	...	...	...	...
Jordan	Ammān (Amman)	6.2	4.4	4.4	4.0	2.3	2.2	3.1	4.9	10.0	13.0	19.3	...	2.021	...	48	54
Kenya	Nairobi	38.3	9.8	3.9	4.0	12.2	5.0	2.8	4.2	58.0	15.4	17.9	0.1	0.0	103.0	76.5	54.3
Kenya	Nakuru	18.8	13.7	20.0	21.2	5.3	5.7	11.5	16.0	12.9	11.7	14.9	1.1	0.7	74.6	78.0	71.9
Kuwait	Al-Kuwayt (Kuwait City)	1.7	1.5	0.6	0.9	0.7	0.7	0.4	0.9	39.0	16.1	49.4	0.3	0.8	97.3	72.6	66.2
Kyrgyzstan	Bishkek	39.7	38.6	16.6	18.5	12.1	14.0	6.9	9.3	55.2	17.2	59.5	4.1	0.8	97.7	149.5	142.5
Kyrgyzstan	Žalal-Abat (Jalal-Abad)	89.2	47.9	44.4	29.0	16.3	10.2	10.8	8.4	21.5	13.1	48.6	1.7	1.0	209.1	229.8	231.7
Latvia	Rīga	37.0	26.8	37.7	28.3	31.1	18.4	22.0	15.0	92.7	20.2	64.6	-0.2	-0.1	70.6	85.2	94.9
Lebanon	Saydā (Sidon)	25.8	18.1	15.4	9.0	16.1	14.6	14.3	8.9	24.4	16.4	61.2	1.2	1.8	47.4	49.0	51.6
Lebanon	Sūr (Tyre)	47.2	26.9	25.2	19.0	22.0	22.0	22.6	17.8	10.6	18.7	45.9	0.6	2.3	52.2	50.1	52.9
Lebanon	Tarābulus (Tripoli)	14.4	7.6	7.9	4.8	10.8	7.4	8.1	5.3	30.9	17.4	72.8	6.9	2.8	33.6	46.4	52.1
Liberia	Monrovia	131.6	140.8	76.0	48.0	43.6	40.8	29.2	26.2	5.4	10.2	12.1	0.5	0.7	150.1	130.2	116.1
Libya	Tarabulus (Tripoli)	72.3	52.3	16.2	10.6	10.1	9.2	3.4	2.3	...	...	...	2.8	4.1	155.5	209.1	220.5
Lithuania	Vilnius	101.5	95.3	101.9	76.6	32.6	29.2	29.6	22.9	87.9	14.1	51.4	-1.4	1.5	142.5	161.6	163.6
Luxembourg	Luxembourg (Lëtzebuerg)	113.2	118.2	77.0	57.1	25.8	29.5	22.1	22.3	97.4	18.6	93.3	0.4	0.2	170.0	157.3	122.5
Malawi	Blantyre-Limbe	17.3	8.5	11.9	12.0	5.2	3.4	5.7	6.8	15.4	0.0	22.6	1.2	0.4	123.9	130.2	117.9
Malawi	Mzuzu	78.6	45.3	26.1	13.7	10.8	7.9	6.7	5.2	21.4	11.7	23.3	0.7	0.3	212.9	193.0	149.6
Malaysia	Bukit Mertajam	224.3	107.4	62.6	52.3	48.5	28.3	20.7	18.6	70.5	16.9	53.4	0.7	1.5	147.2	136.8	142.7
Malaysia	George Town (Pinang)	22.0	17.9	9.9	11.0	13.2	12.9	8.8	10.5	91.9	19.2	69.7	0.3	0.3	58.0	50.6	48.1
Malaysia	Ipo	78.3	52.9	37.5	34.4	23.3	18.3	15.5	17.3	38.1	20.0	51.1	0.7	0.3	150.2	143.0	123.6
Malaysia	Kuala Lumpur	262.4	71.3	32.7	31.0	53.1	26.3	16.3	20.4	66.7	19.8	46.1	0.4	0.2	118.3	100.2	80.9
Malaysia	Kuching	228.1	103.1	62.2	42.4	56.4	36.3	26.2	21.4	...	...	...	...	...	...	...	...
Malaysia	Taiping	66.0	55.9	29.7	32.8	23.3	21.9	13.6	15.1	...	...	...	...	...	...	...	...
Mali	Bamako	48.3	10.6	4.1	2.6	10.4	3.5	2.3	2.2	76.6	16.0	76.7	0.7	0.6	126.7	109.2	95.0
Mali	Kayes	22.6	15.3	3.8	4.0	4.0	4.0	1.7	2.7	57.4	19.7	85.3	0.9	0.7	136.5	127.9	114.5
Mali	Sikasso	63.0	31.2	11.3	3.7	7.6	6.1	3.3	1.7	3.9	11.3	5.1	0.8	0.9	148.7	138.1	134.0
Mauritania	Nouakchott	0.7	1.3	1.4	1.2	0.1	0.4	0.6	0.8	27.3	14.4	22.4	1.4	1.6	82.7	97.3	121.2
Mexico	Campeche Campeche	110.9	74.4	46.1	51.8	37.8	30.2	21.2	25.0	16.1	19.7	81.2	...	...	...	...	...
Mexico	Celaya	71.9	38.1	17.3	13.4	25.5	16.5	9.1	7.5	...	...	...	...	...	...	...	...
Mexico	Ciudad Juárez (Juárez)	17.8	3.4	1.1	1.6	5.8	1.5	0.5	0.7	...	22.4	54.8	...	...	...	...	...
Mexico	Coatzacoalcos	43.3	29.3	18.2	19.6	19.5	15.0	10.6	12.2	...	...	...	...	...	...	...	...
Mexico	Ensenada	24.9	7.9	15.9	6.8	5.1	2.1	5.5	2.6	...	16.0	42.9	0.6	0.4	210.1	190.3	177.8
Mexico	Guanajuato Salamanca	37.8	13.0	10.7	4.8	14.5	5.6	5.5	2.6	...	...	...	...	...	...	...	...
Mexico	Irapuato	45.6	24.0	13.6	7.8	16.1	10.3	7.0	4.5	57.7	18.2	85.0	1.4	0.9	95.7	102.6	101.0
Mexico	León de los Aldamas	13.3	8.3	6.0	5.4	5.2	4.1	3.6	3.4	86.8	14.6	56.2	1.5	7.9	79.4	88.3	103.1
Mexico	Mérida	111.2	95.5	37.2	25.6	26.2	27.2	12.2	8.8	...	...	...	...	...	...	...	...
Mexico	Monterrey	69.2	38.4	28.4	35.9	22.5	15.2	12.7	16.7	10.7	19.0	72.6	2.1	1.9	119.4	137.4	141.9
Mexico	Querétaro	29.7	20.1	23.0	10.2	6.9	6.4	9.1	4.3	15.1	...	...	...	...	...	...	...
Mexico	Saltillo	31.5	12.6	4.4	7.4	8.1	4.0	1.7	3.1	86.6	16.6	52.0	1.3	0.9	142.3	152.0	151.0
Mexico	Tabasco Cárdenas	209.3	131.9	92.8	58.2	56.8	45.7	40.8	33.0	...	...	...	...	...	...	...	...
Mexico	Tabasco Comcalcalco	162.5	126.5	80.1	53.2	44.8	43.2	33.6	28.6	...	...	...	...	...	...	...	...
Mexico	Tijuana	2.0	1.7	5.5	1.9	0.5	0.7	2.6	1.0	10.9	18.1	51.9	0.6	0.3	155.7	144.4	139.2
Mexico	Veracruz De Ignacio De La Llave Las Choapas	143.9	103.7	74.1	71.8	37.4	31.4	26.8	31.3	...	...	...	...	...	...	...	...
Mexico	Veracruz De Ignacio De La Llave Minatitlán	56.9	73.6	53.6	56.0	21.0	28.1	22.3	24.2	...	...	...	...	...	...	...	...
Mexico	Villahermosa	169.7	102.7	57.2	40.3	49.4	42.3	29.9	23.1	59.7	15.4	89.6	1.0	0.6	92.7	92.0	88.7
Morocco	Agadir	6.2	3.7	3.0	1.7	3.0	2.7	2.7	2.0	86.6	20.7	53.3	0.9	0.6	60.6	58.8	53.9
Morocco	Dar-el-Beida (Casablanca)	0.4	1.0	0.4	0.5	0.5	1.4	0.6	0.9	66.5	16.7	29.2	1.1	0.6	42.7	43.2	41.2
Morocco	Fès	11.5	6.7	4.9	4.2	9.8	7.3	6.5	6.5	39.1	14.8	32.5	1.7	0.9	37.3	42.2	41.2
Morocco	Fkih Ben Salah	5.7	4.2	1.4	1.1	5.9	4.7	1.7	1.5	52.1	18.6	55.9	...	...	...	...	...
Morocco	Marrakech	18.2	9.9	3.6	3.1	9.4	6.6	3.0	3.1	74.8	16.0	61.3	0.9	0.5	74.0	72.4	66.2
Morocco	Meknès	7.2	4.7	4.3	5.8	5.4	4.1	4.4	6.7	31.6	20.9	29.4	0.7	1.9	50.8	49.0	54.8
Morocco	Rabat	4.7	4.4	3.7	2.9	4.8	5.6	5.1	4.2	...	...	...	0.9	1.3	38.8	38.6	39.4
Morocco	Sidi Slimane	5.8	2.2	1.2	2.4	5.0	2.2	1.4	3.4	37.0	22.4	37.4	0.8	0.4	49.8	48.1	43.2
Mozambique	Maputo	132.6	47.9	36.4	9.8	27.7	14.1	14.1	5.3	52.2	17.2	15.3	1.1	0.5	158.1	162.5	137.6

Table C.1: Continued

Country / Territory Name	City Name	Green Area per Capita (UMF 47-3.3.2) ^a							SDG 11.2.1. Public Transport (UMF 10-1.2.2), 2020 ^b	SDG 11.7.1. Open Public Spaces (UMF44-3.2.1), 2020 ^b		SDG 11.3.1. Land Consumption (UMF 51-3.4.2) ^b					
		Green Area Per Capita 1990 (m ² per capita)	Green Area Per Capita 2000 (m ² per capita)	Green Area Per Capita 2010 (m ² per capita)	Green Area Per Capita 2020 (m ² per capita)	Proportion of Green Area in City/Urban Area 1990 (%)	Proportion of Green Area in City/Urban Area 2000 (%)	Proportion of Green Area in City/Urban Area 2010 (%)	Proportion of Green Area in City/Urban Area 2020 (%)	Proportion of population living within convenient walking distance to public transport (%) ^c	Average share of urban area that is open space for public use for all (%) ^d	Average share of urban population with convenient access to open public spaces (%) ^e	Land Consumption Rate to Population Growth Rate (LCRPR) Year 1 to Year 2 (Ratio)	Land Consumption Rate to Population Growth Rate (LCRPR) Year 2 to Year 3 (Ratio)	Built Up area Per Capita Year 1 (m ² per capita)	Built Up area Per Capita Year 2 (m ² per capita)	Built Up area Per Capita Year 3 (m ² per capita)
Mozambique	Mocuba	13.4	7.2	4.8	2.9	7.8	5.6	4.4	2.9	41.1	18.5	10.8	1.1	0.4	67.0	68.1	63.8
Mozambique	Nampula	57.6	33.3	21.1	6.1	14.7	13.2	12.4	5.3	10.4	14.2	9.3	1.6	1.0	67.0	86.1	86.1
Myanmar	Sittwe (Akyab)	41.9	37.0	31.5	29.2	32.1	35.8	29.4	22.1	...	...	...	...	...	...	...
Namibia	Windhoek	15.9	10.0	13.1	12.2	2.3	2.3	4.0	4.6	70.6	16.6	25.7	0.7	0.6	191.2	173.0	158.8
Netherlands (Kingdom of the)	Amsterdam	44.4	35.2	29.5	27.3	15.9	13.5	11.9	12.0	92.9	21.9	77.6	1.8	1.3	107.3	111.7	114.7
Netherlands (Kingdom of the)	Gouda	34.0	20.3	21.1	28.5	17.1	10.5	10.9	14.8	90.2	19.5	90.7	...	...	...	...
Netherlands (Kingdom of the)	Rotterdam	55.9	43.4	41.6	53.1	19.2	15.2	14.9	19.6	90.0	20.6	84.7	3.2	3.0	127.2	134.2	142.5
New Zealand	Auckland	220.1	123.5	92.8	58.2	34.4	24.4	21.8	17.4	94.4	20.7	88.4	0.4	0.0	298.3	268.0	212.3
New Zealand	Dunedin	204.5	169.3	192.9	199.9	37.9	32.7	38.1	44.3	94.4	19.0	76.8	5.3	0.7	279.9	307.8	296.3
New Zealand	Wellington	129.0	130.2	92.3	73.3	29.6	0.0	26.4	24.6	97.7	21.0	82.5	1.2	0.2	208.8	213.4	189.3
Nicaragua	Estelí	30.2	23.6	25.0	24.6	13.9	13.5	15.9	16.0	...	...	...	...	...	...	...
Niger	Niamey	10.4	9.1	4.0	3.9	2.6	3.6	2.2	2.8	12.5	15.4	26.1	1.5	0.3	82.7	98.3	81.3
Nigeria	Aba	189.5	140.6	67.1	43.4	71.0	66.1	39.8	32.3	2.7	11.2	2.9	1.8	0.7	81.8	98.0	90.5
Oman	Masqat (Muscat)	7.9	9.1	6.9	5.3	1.7	3.0	2.6	3.8	30.8	21.7	13.2	...	...	...	...
Pakistan	Faisalabad	22.7	16.2	5.0	2.6	20.2	20.2	8.1	5.7	73.8	13.6	34.1	0.7	0.6	37.1	34.4	30.5
Pakistan	Gujranwala	69.3	42.2	25.9	15.6	59.9	49.9	38.9	26.6	54.2	15.1	18.3	1.0	1.4	40.4	40.3	42.4
Pakistan	Hyderabad	7.8	4.7	1.8	0.9	11.4	9.0	4.4	2.9	67.7	14.4	42.2	0.8	0.4	25.1	24.2	20.6
Pakistan	Islamabad	16.5	7.6	4.8	4.9	7.2	5.0	4.2	5.1	52.0	20.3	31.3	1.6	1.1	51.0	60.1	61.3
Pakistan	Karachi	0.9	0.7	0.5	0.6	1.2	1.3	1.2	1.8	...	15.1	45.4	...	...	...	...
Pakistan	Khairpur	9.8	6.4	4.2	3.5	7.9	7.9	6.7	5.7	66.9	...	...	...	...	...	...
Pakistan	Larkana	9.4	5.9	2.8	2.1	9.4	9.1	5.3	4.4	50.3	12.6	23.5	2.0	3.0	21.0	26.4	32.3
Pakistan	Multan	45.7	19.6	9.4	9.4	32.2	18.9	11.3	12.2	50.3	13.5	25.7	1.8	2.2	45.6	54.0	58.8
Pakistan	Peshawar	121.0	82.5	48.2	46.0	51.9	48.2	35.5	36.4	83.5	0.0	11.5	1.0	4.6	60.3	60.4	77.8
Pakistan	Sargodha	20.4	9.5	4.6	4.7	24.4	15.6	9.4	9.4	66.9	13.6	28.5	0.9	0.0	29.9	29.0	35.6
Pakistan	Sukkur	1.2	1.0	1.1	1.2	1.3	1.6	2.0	2.5	67.8	...	...	...	...	...	...
Panama	Ciudad de Panamá (Panama City)	146.0	61.1	48.7	24.4	40.7	24.4	24.1	15.1	69.7	13.1	44.3	0.5	0.6	126.9	114.9	105.0
Paraguay	Asunción	341.7	199.9	170.6	154.7	70.2	52.7	52.6	40.9	18.8	13.3	32.6	0.9	0.0	183.5	179.8	236.1
Peru	Tacna	20.8	15.0	12.8	10.2	5.4	5.3	5.6	5.5	46.3	14.8	90.8	1.4	0.8	105.7	116.4	111.9
Philippines	Baguio City	23.7	26.9	25.7	23.8	11.1	17.4	21.2	23.7	61.6	10.7	29.9	0.4	0.3	72.6	63.3	55.1
Philippines	Davao City	105.4	63.9	32.7	15.6	55.9	45.6	29.3	18.0	59.1	14.7	34.3	1.0	0.7	55.1	55.5	51.1
Philippines	Iligan	60.9	46.6	34.3	21.5	49.8	46.6	39.4	28.6	...	...	...	...	...	...	...
Philippines	Manila	24.4	23.7	29.7	41.3	15.4	18.7	27.7	44.7	32.5	11.1	28.7	0.6	0.8	57.9	53.7	52.3
Philippines	Ozamis	35.3	32.0	22.9	16.9	21.6	26.3	25.0	23.0	...	...	...	...	...	...	...
Poland	Głogów	50.7	40.1	48.2	62.9	17.5	14.2	17.4	22.9	92.4	...	...	...	...	...	...
Poland	Kalisz	35.5	57.5	61.1	76.8	10.5	17.7	18.1	21.3	97.3	...	...	...	...	...	...
Poland	Legnica	14.4	18.5	16.5	26.4	8.4	10.9	9.1	13.5	94.6	...	...	...	...	...	...
Poland	Leszno	44.3	40.2	41.8	33.8	15.4	14.0	14.6	11.6	...	...	...	...	...	...	...
Poland	Lubin	23.5	21.3	24.4	29.8	13.4	13.1	14.1	16.2	...	...	...	...	...	...	...
Poland	Ostrów Wielkopolski	52.2	62.0	84.1	87.0	13.5	16.0	21.3	21.6	97.4	...	...	...	...	...	...
Poland	Warszawa (Warsaw)	71.8	96.9	106.7	92.5	17.8	25.2	28.6	26.4	93.5	30.8	88.0	-0.1	0.0	128.6	127.1	0.0
Poland	Wrocław	71.8	68.4	73.3	76.7	22.3	21.4	22.4	23.7	94.6	19.5	75.0	-3.9	0.0	134.1	144.9	0.0
Portugal	Lisboa (Lisbon)	23.7	38.6	52.1	49.2	10.8	18.4	25.6	25.5	99.5	21.7	87.4	-0.1	-0.1	124.9	137.9	137.1
Portugal	Porto	134.3	140.8	112.2	128.3	35.1	39.0	31.1	36.1	...	...	...	-0.1	0.1	145.6	162.8	162.3
Qatar	Ad-Dawhah (Doha)	14.7	11.1	5.6	8.9	0.8	0.9	1.3	3.3	98.3	21.8	...	0.3	...	143.2	123.9	...
Republic of Korea	Daegu	6.5	6.1	10.3	12.2	7.9	7.7	12.6	14.3	...	...	...	...	...	...	...
Russian Federation	Berdsck	97.0	90.0	97.8	61.1	29.1	27.8	29.7	18.8	89.9	13.7	58.7	-6.4	6.8	183.5	207.4	223.1
Russian Federation	Moskva (Moscow)	64.3	46.5	38.9	24.1	41.8	32.8	30.9	21.4	85.9	24.6	83.3	0.7	0.8	57.5	55.5	54.5
Saudi Arabia	Abhā	9.0	10.7	7.8	19.8	3.9	5.0	4.1	8.6	56.5	20.5	18.3	0.7	0.0	84.1	80.9	107.3
Saudi Arabia	Ad-Dammam	29.3	16.1	5.6	4.7	6.8	5.2	2.5	2.7	48.4	23.2	44.9	0.9	0.5	116.9	111.3	97.3
Saudi Arabia	Al-Madinah (Medina)	20.4	13.3	9.4	8.4	3.9	3.8	3.7	4.5	4.4	17.6	17.6	0.3	0.6	132.4	107.1	95.6
Saudi Arabia	Ar-Riyadh (Riyadh)	1.7	1.6	0.6	1.0	0.4	0.6	0.3	0.7	27.1	23.1	67.0	0.3	1.0	108.8	83.3	83.6
Saudi Arabia	Jiddah	0.6	0.6	0.3	0.5	0.2	0.4	0.3	0.5	50.6	17.2	24.1	0.3	0.2	76.7	62.7	48.7
Saudi Arabia	Makkah (Mecca)	0.4	0.4	0.2	0.3	0.2	0.3	0.2	0.4	5.5	13.3	22.4	1.4	1.1	50.0	55.1	56.3
Saudi Arabia	Taif	4.0	6.5	4.9	9.0	1.8	3.4	3.2	5.2	12.9	14.9	23.6	1.2	0.0	61.4	63.7	99.9
Senegal	Dakar	10.3	4.0	3.6	2.9	8.1	4.2	4.9	4.8	77.3	16.1	92.5	0.7	0.8	45.0	41.1	39.1
Senegal	Ziguinchor	41.2	41.8	29.6	12.4	19.2	24.3	21.7	11.8	22.4	12.5	44.4	0.7	0.5	91.0	84.9	73.7
Serbia	Beograd (Belgrade)	29.9	19.8	26.7	33.3	12.9	9.5	13.5	18.3	90.3	11.8	63.8	2.8	0.0	96.3	106.9	98.7
Sierra Leone	Bo	270.4	156.1	82.5	19.5	75.1	51.1	44.6	13.7	10.8	13.0	28.0	1.1	1.2	76.1	80.8	85.1
Sierra Leone	Kenema	231.5	129.9	63.2	20.1	78.0	48.4	35.8	13.6	19.5	9.9	14.0	1.3	2.0	58.1	66.1	79.1
Slovakia	Bratislava	42.7	58.4	82.5	90.7	16.5	21.5	27.9	29.9	94.1	26.1	73.9	1.0	0.3	181.1	181.2	168.5
Slovakia	Košice	14.6	38.3	36.2	38.0	7.6	20.1	18.7	19.2	91.8	...	...	-2.0	-0.2	191.9	194.5	208.2
Slovakia	Nitra	55.3	66.8	125.5	136.5	12.6	14.9	25.8	26.7	92.3	...	...	-2.0	-47.3	221.4	234.9	249.2
Slovakia	Trnava	15.3	21.1	32.7	52.0	6.0	8.1	11.8	18.2	95.1	...	...	-2.9	-0.9	238.0	247.9	267.6
South Africa	Bloemfontein	6.7	6.7	10.2	12.0	1.7	1.8	3.0	4.0	...	...	...	...	...	...	...
South Africa	Cape Town	11.3	4.3	3.0	6.2	3.4	1.6	1.4	3.7	51.2	22.2	62.2	0.3	0.4	147.2	125.9	107.6
South Africa	Durban (Ethekwini)	64.4	55.8	58.1	64.1	14.1	18.2	20.9	25.1	...	...	...	...	...	...	...
South Africa	Gqeberha	49.8	45.3	35.5	31.5	14.2	14.7	12.6	12.7	...	...	...	...	...	...	...
South Africa	Johannesburg	41.6	27.7	22.1	17.4	7.1	7.3	7.6	7.8	20.8	14.8	15.4	0.9	0.1	190.8	185.4	148.2
South Africa	Pietermaritzburg (The Msunduzi)	104.2	65.6	51.4	44.7	17.8	16.1	13.4	12.8	...	...	...	...	...	...	...
Spain	Barcelona	2.6	2.0	2.1	3.0	3.7	2.9	3.6	5.9	99.7	...	...	...	...	...	...

Table C.1: Continued

Country / Territory Name	City Name	Green Area per Capita (UMF 47-3.3.2) ^a							SDG 11.2.1. Public Transport (UMF 10-1.2.2), 2020 ^b	SDG 11.7.1. Open Public Spaces (UMF44-3.2.1), 2020 ^b	SDG 11.3.1. Land Consumption (UMF 51-3.4.2) ^b						
		Green Area Per Capita 1990 (m ² per capita)	Green Area Per Capita 2000 (m ² per capita)	Green Area Per Capita 2010 (m ² per capita)	Green Area Per Capita 2020 (m ² per capita)	Proportion of Green Area in City/Urban Area 1990 (%)	Proportion of Green Area in City/Urban Area 2000 (%)	Proportion of Green Area in City/Urban Area 2010 (%)	Proportion of Green Area in City/Urban Area 2020 (%)	Proportion of population living within convenient walking distance to public transport (%) ^c	Average share of urban area that is open space for public use for all (%) ^d	Average share of urban population with convenient access to open public spaces (%) ^e	Land Consumption Rate to Population Growth Rate (LCRPR) Year 1 to Year 2 (Ratio)	Land Consumption Rate to Population Growth Rate (LCRPR) Year 2 to Year 3 (Ratio)	Built Up area Per Capita Year 1 (m ² per capita)	Built Up area Per Capita Year 2 (m ² per capita)	Built Up area Per Capita Year 3 (m ² per capita)
Spain	Burgos	6.8	8.0	9.8	9.8	5.2	5.8	7.2	7.7	98.2	...	...	...	...	...	...	...
Spain	Madrid	8.5	9.6	9.1	12.9	4.9	6.3	6.9	11.3	98.4	22.6	63.1	2.4	0.4	68.9	84.3	76.6
Spain	Santander	99.4	85.8	64.1	67.8	48.6	42.0	32.5	33.5	98.7	...	...	...	...	...	...	...
Spain	Sevilla	1.7	1.6	2.6	3.7	1.7	1.5	2.6	3.8	98.0	22.6	91.6	7.7	2.0	53.2	56.4	58.2
Spain	Torrelavega	73.1	69.4	62.6	61.8	34.5	33.5	34.1	29.5	...	...	...	...	...	...	...	...
Spain	Vitoria-Gasteiz	12.2	15.3	15.9	16.9	7.3	9.3	10.5	12.6	99.0	...	...	...	...	...	...	...
Sudan	Al-Khartoum (Khartoum)	4.4	4.4	5.5	7.0	0.7	1.0	1.6	2.6	18.4	15.3	14.8	0.4	1.0	166.9	141.2	139.7
Sweden	Malmö	57.9	45.8	50.3	40.3	16.9	14.8	18.2	17.3	93.2	21.8	92.8	0.2	0.5	145.4	133.1	122.9
Sweden	Stockholm	116.0	87.7	65.6	51.2	30.6	26.6	22.4	21.4	89.1	21.6	86.0	1.1	0.8	126.1	126.9	123.0
Syrian Arab Republic	Dimashq (Damascus)	29.6	12.9	7.1	3.9	17.5	9.2	6.5	3.6	27.5	12.6	45.4	0.3	3.9	63.2	53.5	57.5
Syrian Arab Republic	Halab (Aleppo)	2.9	2.0	0.6	0.7	2.6	2.5	1.4	1.1	24.3	15.6	65.3	...	...	...	...	...
Syrian Arab Republic	Hims (Homs)	3.9	0.7	0.5	0.9	2.7	0.7	0.8	1.3	13.6	18.6	59.9	0.4	0.0	54.8	43.3	47.2
Tajikistan	Dushanbe	107.3	76.3	27.2	25.3	29.0	22.0	10.3	12.5	40.7	11.6	38.7	0.9	0.4	134.0	130.0	111.2
Tajikistan	Istaravshan (Istaravshan)	180.1	117.8	119.4	63.7	21.6	16.2	19.7	12.1	27.0	0.0	40.4	1.4	0.8	310.9	337.6	326.6
Tajikistan	Khujand (Chuçand)	79.6	61.6	31.8	31.4	18.2	14.6	8.4	9.6	43.9	15.8	56.5	1.3	0.5	222.4	229.1	212.7
Tajikistan	Kulob	52.2	34.9	22.7	22.0	13.3	10.9	8.5	10.1	39.1	0.0	42.7	1.0	0.4	161.7	160.6	143.7
Thailand	Krung Thep (Bangkok)	165.5	115.5	51.1	28.0	41.4	37.0	23.6	16.8	26.0	14.9	11.8	0.7	0.5	120.4	107.8	95.0
Timor-Leste	Dili	34.1	28.5	15.7	8.0	13.2	13.0	10.4	8.1	16.1	12.1	30.3	0.1	0.1	142.4	102.7	69.2
Tunisia	Al-Munastir (Monastir)	18.7	11.8	6.0	3.2	5.9	4.8	3.1	2.1	63.5	21.0	67.2	0.4	0.0	98.8	75.0	0.0
Tunisia	Al-Qayrawan (Kairouan)	6.6	4.7	0.6	0.5	1.7	1.5	0.2	0.2	63.2	26.6	20.9	1.4	0.0	74.8	76.6	0.0
Tunisia	Manzil Bu Ruqaybah (Menzel Bourguiba)	20.8	12.4	11.6	10.1	7.9	5.6	5.8	5.6	...	...	...	...	...	...	...	...
Tunisia	Masakin (M'saken)	8.8	5.6	5.0	3.2	1.9	1.5	1.6	1.2	...	19.7	19.2	2.0	0.0	72.0	77.8	0.0
Tunisia	Qabis (Gabès)	119.7	97.3	67.3	65.8	26.5	24.4	19.2	21.4	79.2	21.3	21.9	-6.4	0.0	126.8	133.5	0.0
Tunisia	Safaqis	1.8	1.3	1.8	6.1	0.4	0.3	0.5	2.1	74.3	18.2	16.6	1.4	0.0	139.7	144.0	0.0
Tunisia	Susah (Sousse)	33.0	20.4	16.4	12.9	6.1	5.1	5.2	5.1	76.6	16.0	19.2	0.7	0.7	178.6	165.5	155.1
Tunisia	Tunis	17.6	7.0	8.1	5.6	6.4	3.1	4.1	3.5	77.8	25.4	31.6	1.5	0.0	73.4	76.2	0.0
Türkiye	Adana	22.6	9.4	6.1	4.2	14.7	5.9	3.7	2.1	...	...	...	...	...	...	...	...
Türkiye	Ankara	5.7	6.6	5.0	6.6	3.3	4.7	4.6	7.5	87.9	16.5	76.8	0.2	0.4	75.1	61.1	54.5
Türkiye	Bulancak	56.9	28.7	25.1	23.0	42.6	24.3	22.2	19.2	...	...	...	...	...	...	...	...
Türkiye	Bursa	26.3	12.9	8.5	8.1	9.3	6.8	6.4	8.0	98.5	17.0	70.7	0.8	0.5	86.6	79.6	68.9
Türkiye	Çarşamba	54.8	70.1	64.4	49.2	21.0	34.6	36.4	33.2	63.9	15.6	77.3	0.9	0.3	80.2	79.3	69.9
Türkiye	Ceyhan	6.7	6.0	3.4	1.2	6.4	5.6	2.9	0.9	...	...	...	...	...	...	...	...
Türkiye	Gaziantep	10.2	5.1	3.9	2.7	3.2	2.4	2.9	2.7	60.6	17.7	83.1	0.7	1.6	61.6	52.7	63.5
Türkiye	Giresun	30.7	20.2	15.2	12.2	36.8	27.2	23.0	18.2	...	...	...	...	...	...	...	...
Türkiye	Istanbul	5.7	5.3	4.6	7.5	4.3	5.0	5.3	9.6	98.1	15.4	59.8	0.4	0.9	58.2	51.2	50.9
Türkiye	Mersin	52.5	16.4	8.4	3.7	23.8	9.0	6.0	2.7	...	...	...	...	...	...	...	...
Türkiye	Ordu	79.2	45.0	26.3	13.6	48.5	33.3	24.8	13.3	...	...	...	...	...	...	...	...
Türkiye	Rize	30.9	18.4	12.8	8.5	47.2	33.0	26.1	17.9	...	...	...	...	...	...	...	...
Türkiye	Samsun	14.8	13.5	13.9	8.0	8.3	9.2	12.5	9.4	86.0	21.2	71.2	1.2	0.7	56.8	60.8	56.8
Türkiye	Tarsus	28.7	9.5	5.6	3.5	18.7	7.1	3.9	2.6	65.6	24.8	70.3	...	...	...	...	...
Türkiye	Terme	67.5	38.1	33.3	23.9	60.3	41.0	35.1	27.7	...	...	...	...	...	...	...	...
Türkiye	Trabzon	63.9	36.8	31.7	14.5	47.0	33.8	33.0	17.1	79.8	...	...	...	...	...	...	...
Turkmenistan	Ashgabat	14.0	3.1	4.9	3.8	5.0	1.5	3.0	3.0	60.7	15.8	48.8	1.0	0.7	83.3	83.3	77.0
Turkmenistan	Daşoguz	36.3	7.3	30.4	24.8	5.9	1.5	6.6	6.4	9.1	12.3	20.9	2.1	0.5	197.0	219.4	201.6
Turkmenistan	Mary	47.6	57.8	35.0	29.4	8.3	12.6	8.4	8.0	26.9	12.5	27.8	1.6	0.8	226.6	239.3	231.9
Turkmenistan	Tejen (Tedßen)	5.5	1.9	2.7	3.9	0.6	0.3	0.5	0.8	9.2	17.0	52.2	0.8	1.5	316.0	306.2	322.8
Turkmenistan	Türkmenabat	34.9	39.4	19.3	7.3	9.4	12.2	6.5	2.5	24.5	14.2	38.4	0.3	1.3	178.0	168.0	168.4
Uganda	Gulu	208.5	222.4	209.7	168.5	14.6	34.3	47.6	45.0	14.7	10.2	76.0	0.4	0.6	260.1	203.4	192.2
Ukraine	Kyiv (Kiev)	42.9	32.7	19.3	22.3	26.6	20.2	12.5	15.3	87.8	19.1	71.2	1.6	1.4	84.7	87.6	89.5
Ukraine	Lviv	89.4	94.8	61.0	66.8	42.1	42.2	26.6	28.7	89.6	18.6	77.9	-10.6	0.0	78.8	97.9	126.9
Ukraine	Odesa	29.9	41.3	28.9	36.5	16.3	21.4	14.6	18.5	89.9	14.1	56.6	-2.5	10.7	111.3	121.8	125.1
United Arab Emirates	Abu Zaby (Abu Dhabi)	12.2	9.4	1.6	5.2	1.6	1.9	0.9	2.2	27.3	21.1	37.6	...	...	...	...	...
United Arab Emirates	Al-Ain	69.4	58.2	24.0	44.2	8.6	8.9	11.3	15.3	...	15.0	41.3	...	...	...	...	...
United Arab Emirates	Dubayy (Dubai)	4.0	4.8	3.1	5.8	0.4	0.9	1.1	3.0	41.2	12.9	40.6	0.7	0.4	181.6	148.1	117.3
United Kingdom of Great Britain and Northern Ireland	Coventry-Bedworth	47.6	60.9	54.9	58.0	16.3	21.2	20.0	25.1	97.5	...	...	0.5	0.3	169.2	165.2	145.5
United Kingdom of Great Britain and Northern Ireland	Edinburgh	88.4	80.2	85.8	78.0	30.4	29.5	33.5	33.9	96.7	...	...	0.3	0.2	157.9	151.5	139.5
United Kingdom of Great Britain and Northern Ireland	Glasgow	71.9	74.8	73.6	66.1	25.7	25.3	25.1	23.2	94.8	...	...	2.5	1.0	172.4	174.7	174.7
United Kingdom of Great Britain and Northern Ireland	London	77.3	66.8	43.7	42.0	36.2	33.4	24.4	26.9	94.8	23.9	87.1	0.1	0.1	112.0	101.1	88.8
United Kingdom of Great Britain and Northern Ireland	Manchester	191.4	160.7	158.2	129.3	60.1	51.5	54.4	47.8	95.4	22.2	81.6	3.2	2.0	125.7	147.0	158.2
United Kingdom of Great Britain and Northern Ireland	Stoke-on-Trent (The Potteries)	22.8	33.3	79.9	87.7	7.3	10.5	25.7	29.3	...	...	...	...	...	...	...	...
United Republic of Tanzania	Arusha	310.9	159.3	85.5	74.1	33.8	31.1	24.6	26.5	21.7	12.6	16.7	0.6	1.6	167.0	140.9	161.5
United States of America	Albuquerque	50.0	32.7	25.8	28.7	4.8	3.7	3.6	4.8	62.3	...	...	0.6	0.4	367.5	337.4	298.7
United States of America	Atlanta	652.7	420.0	364.0	294.0	42.8	41.8	42.4	41.0	40.7	13.8	21.2	1.9	0.3	374.0	431.7	382.7
United States of America	Austin	420.3	420.0	290.2	219.7	25.5	40.7	38.2	43.2	...	...	...	0.5	0.4	457.5	390.7	303.5

Table C.1: Continued

Country / Territory Name	City Name	Green Area per Capita (UMF 47-3.3.2) ^a								SDG 11.2.1. Public Transport (UMF 10-1.2.2), 2020 ^b	SDG 11.7.1. Open Public Spaces (UMF44-3.2.1), 2020 ^b		SDG 11.3.1. Land Consumption (UMF 51-3.4.2) ^b				
		Green Area Per Capita 1990 (m ² per capita)	Green Area Per Capita 2000 (m ² per capita)	Green Area Per Capita 2010 (m ² per capita)	Green Area Per Capita 2020 (m ² per capita)	Proportion of Green Area in City/ Urban Area 1990 (%)	Proportion of Green Area in City/ Urban Area 2000 (%)	Proportion of Green Area in City/ Urban Area 2010 (%)	Proportion of Green Area in City/ Urban Area 2020 (%)	Proportion of population living within convenient walking distance to public transport (%) ^c	Average share of urban area that is open space for public use for all (%) ^d	Average share of urban population with convenient access to open public spaces (%) ^e	Land Consumption Rate to Population Growth Rate (LCRPR) Year 1 to Year 2 (Ratio)	Land Consumption Rate to Population Growth Rate (LCRPR) Year 2 to Year 3 (Ratio)	Built Up area Per Capita Year 1 (m ² per capita)	Built Up area Per Capita Year 2 (m ² per capita)	Built Up area Per Capita Year 3 (m ² per capita)
United States of America	Charleston	164.0	289.1	207.5	286.1	15.6	27.5	23.0	37.6	...	...	...	...	...	...	...
United States of America	Charlotte	818.9	566.5	449.7	342.2	41.5	39.4	42.3	39.7	...	...	...	...	...	...	...
United States of America	Chicago	237.0	203.2	177.2	179.7	27.2	26.5	23.9	25.0	39.1	17.2	47.8	6.6	9.0	253.6	306.3	393.5
United States of America	Cleveland	257.2	223.3	337.6	335.1	35.8	31.7	45.6	43.2	...	20.0	29.8	-0.6	-0.3	291.8	315.9	336.3
United States of America	Columbia, South Carolina	565.0	459.9	389.6	346.3	38.3	37.4	38.1	40.4	...	...	...	...	...	...	...
United States of America	Dallas	337.5	160.5	108.9	132.9	28.9	18.4	15.3	22.7	...	...	...	0.3	0.9	363.3	316.3	310.6
United States of America	El Paso	28.7	19.2	11.6	9.1	2.9	2.3	1.6	1.5	67.1	...	...	2.1	0.9	324.6	390.4	382.8
United States of America	Houston	464.0	344.1	267.9	204.4	36.2	34.5	33.6	32.4	29.9	15.2	27.0	1.0	0.8	427.7	426.6	403.4
United States of America	Las Vegas	41.7	33.4	26.1	19.8	2.8	4.2	4.7	4.8	61.5	...	...	...	...	...	...
United States of America	Los Angeles-Long Beach-Santa Ana	39.7	25.7	25.8	20.5	9.2	6.6	7.0	5.9	76.9	...	...	...	...	...	...
United States of America	Miami	124.3	102.0	72.9	117.0	14.9	15.1	12.1	21.6	...	...	...	...	...	...	...
United States of America	Milwaukee	218.0	198.0	172.5	138.8	24.4	23.2	20.8	17.3	...	...	...	...	...	...	...
United States of America	Orlando	586.1	437.7	319.3	258.3	31.0	31.9	29.9	29.9	...	...	...	...	...	...	...
United States of America	Philadelphia	259.1	227.5	179.5	199.3	41.0	38.8	31.8	37.1	59.2	22.1	37.3	...	...	...	...
United States of America	Phoenix-Mesa	124.4	66.7	35.2	30.6	8.7	6.8	4.5	4.9	...	...	...	...	...	...	...
United States of America	Raleigh	1,017.4	586.9	427.8	298.7	45.0	41.0	43.0	42.1	33.4	23.7	25.4	0.2	0.1	603.0	446.5	330.4
United States of America	Sacramento	84.0	77.6	49.5	47.7	8.5	9.7	7.4	8.5	56.5	...	...	3.0	0.6	280.2	402.2	373.6
United States of America	San Antonio	325.2	295.7	229.5	184.8	26.8	28.7	27.8	29.5	57.3	...	...	...	...	...	...
United States of America	San Diego	75.2	52.5	70.8	77.9	10.5	8.4	12.5	15.1	...	...	...	1.0	1.4	295.8	297.1	308.8
United States of America	Savannah	575.0	557.2	432.8	406.6	45.8	43.8	39.0	41.9	70.7	17.7	47.1	0.6	0.2	647.4	614.8	553.4
United States of America	Seattle	222.3	178.0	133.5	129.7	26.6	26.4	22.4	24.6	...	...	...	...	...	...	...
United States of America	Toledo	381.2	442.3	410.9	489.7	30.1	35.2	32.2	37.9	56.2	18.1	27.5	-3.8	-2.1	549.0	585.1	609.3
United States of America	Wilmington	861.8	613.7	470.1	378.2	48.4	41.1	40.1	34.8	...	...	...	...	...	...	...
United States of America	Winston-Salem	394.2	431.0	406.7	410.6	24.2	38.1	41.3	47.0	...	...	...	...	...	...	...
Uruguay	Ciudad De La Costa	320.5	230.7	172.3	157.5	37.5	33.6	30.2	32.0	...	...	...	0.2	0.2	397.8	340.9	302.5
Uruguay	Montevideo	43.5	34.3	25.7	28.3	27.9	21.4	15.7	16.7	76.0	15.6	82.7	...	...	...	...
Uzbekistan	Andizhan	106.6	42.6	41.9	26.6	26.3	13.7	15.4	11.6	11.6	13.0	27.2	3.9	2.2	86.6	129.3	159.2
Uzbekistan	Bekobod	47.3	55.6	46.0	32.3	10.8	11.0	8.9	7.1	15.1	17.0	62.7	0.0	0.8	246.3	284.0	277.9
Uzbekistan	Buxoro (Bukhara)	45.2	53.9	34.6	26.8	9.5	12.6	8.9	7.6	8.2	12.4	38.9	1.4	2.3	188.6	195.9	222.2
Uzbekistan	Jizzax (Dzhizak)	36.6	21.2	21.3	12.0	10.4	6.8	7.6	4.4	...	...	...	...	...	...	...
Uzbekistan	Nukus	4.5	1.8	3.4	3.5	1.2	0.6	1.2	1.1	41.9	16.5	54.1	3.7	0.0	130.1	151.0	198.5
Uzbekistan	Qarshi (Karshi)	72.0	27.4	30.2	25.2	11.8	5.9	7.6	7.2	10.0	13.7	28.8	1.2	1.8	212.9	220.1	244.3
Uzbekistan	Qo'qon (Kokand)	145.7	73.7	62.3	49.4	25.9	16.2	15.4	13.8	18.8	0.0	24.6	1.5	1.1	167.4	177.7	179.6
Uzbekistan	Tashkent	66.0	31.5	24.2	16.5	25.7	13.1	10.6	8.1	23.1	15.4	26.3	1.2	0.3	151.6	153.3	142.5
Viet Nam	Hà Nội	150.5	130.7	72.3	67.7	61.8	65.5	44.9	47.0	69.0	...	...	2.0	1.1	60.9	76.1	76.5
Viet Nam	Nha Trang	87.4	73.4	40.1	24.4	31.0	31.9	19.3	12.1	42.6	13.6	40.1	0.6	4.3	113.0	108.4	118.5
Viet Nam	Thành Phố Hồ Chí Minh (Ho Chi Minh City)	115.8	121.6	73.8	27.8	33.5	51.8	45.6	23.4	68.7	14.6	30.4	1.4	0.2	55.1	62.8	49.4
Viet Nam	Vinh Long	146.8	125.6	112.4	92.5	47.9	48.9	45.8	38.1	8.3	12.3	6.7	9.6	15.6	66.3	99.0	114.9
Yemen	Adan (Aden)	3.3	1.3	0.4	0.4	1.2	0.7	0.3	0.5	24.5	12.1	51.7	0.9	1.1	63.0	60.3	61.6
Yemen	Sana'a	7.3	4.4	1.4	1.0	3.0	3.4	1.6	1.6	15.2	15.9	12.4	0.9	0.2	49.7	47.8	36.3
Zambia	Chingola	22.6	10.7	11.0	4.4	5.2	3.2	4.1	2.1	5.3	11.6	1.9	0.7	1.3	144.5	135.5	143.8
Zambia	Kitwe	19.3	12.3	11.0	6.2	6.2	4.2	5.3	3.9	7.0	12.0	13.1	0.3	1.1	123.7	99.7	102.0
Zambia	Lusaka	12.9	14.5	7.1	1.9	2.6	4.1	3.4	1.5	41.5	13.7	8.3	0.4	0.4	156.1	113.9	85.5
Zambia	Ndola	21.4	17.5	12.7	8.1	5.7	5.1	5.1	3.9	9.4	12.2	8.0	0.4	1.0	172.7	144.5	145.0
Zimbabwe	Bulawayo	4.8	5.4	8.5	12.8	1.0	1.3	2.0	2.6	...	12.9	21.8	...	...	...	...

Table C.2: Climate Change Indicators in Selected Cities and Years, 2000-2020 ^a

		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO2) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O3) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO2) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO2) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Afghanistan	Herat	45.0	48.9	50.7	7.7	8.4	54.2	46.2	50.0	4	29	25	0.0	0.1	0.1
Afghanistan	Kabul	24.8	34.0	31.8	16.2	18.8	59.8	51.6	56.0	136	646	471	0.1	0.2	0.1
Afghanistan	Mazar-e Sharif	48.5	59.4	51.8	4.6	4.6	56.6	46.7	52.7	3	22	13	0.1	0.6	0.4
Algeria	Annaba	17.2	14.8	14.4	10.0	9.9	0.0	0.0	0.0	477	461	436	1.4	1.3	1.1
Algeria	Blida	14.2	14.3	13.8	12.6	13.5	68.4	63.8	55.2	868	1,065	2,885	2.9	2.7	5.4
Angola	Huambo	16.0	24.9	16.7	5.2	5.0	50.5	53.0	52.1	147	371	459	2.1	1.7	2.9
Angola	Malanje	21.5	30.5	20.3	4.0	3.8	53.8	57.4	49.3	68	157	133	1.5	1.0	1.0
Argentina	Buenos Aires	14.8	12.0	13.9	15.9	15.1	32.0	32.6	37.1	-	-	-	1.5	1.6	1.2
Argentina	Clorinda	18.0	16.0	22.1	4.3	4.2	28.3	34.6	41.6	64	81	76	4.8	5.4	3.3
Argentina	Rosario	16.8	14.2	16.1	8.8	8.5	33.4	33.9	36.5	965	1,000	934	1.6	1.6	1.2
Argentina	San Juan	15.8	17.5	18.7	11.1	10.7	34.0	35.6	33.1	559	692	640	2.0	2.3	1.9
Armenia	Yerevan	31.3	38.4	36.4	14.9	14.4	48.1	51.9	54.9	589	926	998	0.5	0.9	1.0
Australia	Cairns	7.5	8.1	7.2	2.9	3.2	28.1	27.5	29.6	169	180	225	3.8	4.0	5.0
Australia	Central Coast	5.6	5.3	8.3	7.1	7.2	31.8	29.4	32.6	109	120	136	2.7	2.9	3.3
Australia	Hobart	3.7	4.0	4.5	6.0	6.3	24.5	28.7	28.2	343	364	416	5.5	5.8	6.6
Australia	Newcastle-Maitland	5.7	5.2	7.7	9.5	9.8	31.1	28.2	29.9	491	514	625	3.0	3.2	3.8
Australia	Sydney	5.5	5.3	8.3	12.8	12.8	29.8	28.8	31.1	7,713	7,731	8,471	2.3	2.3	2.5
Australia	Wollongong	5.3	5.2	8.8	8.3	8.6	0.0	0.0	0.0	8,473	9,536	6,787	95.4	107.1	76.2
Austria	Wien (Vienna)	18.7	19.0	11.4	14.8	14.0	51.5	44.5	48.7	5,394	7,888	5,715	3.8	5.0	3.3
Azerbaijan	Baku	31.1	31.1	26.3	14.0	14.4	41.2	40.3	44.2	3,134	3,441	3,810	2.2	2.1	2.0
Bahrain	Al-Manamah (Manama)	53.4	51.3	44.7	14.7	15.6	61.0	51.2	64.9	7,730	11,370	10,287	14.5	11.2	5.3
Bangladesh	Dhaka	62.8	81.5	89.4	17.1	20.8	55.1	50.2	66.3	2,133	11,467	18,916	0.2	0.8	1.0
Belarus	Minsk	17.1	19.2	12.4	15.9	15.5	42.4	37.6	35.9	7,017	6,926	5,178	4.2	3.8	2.6
Belgium	Antwerpen	16.0	18.2	10.4	15.1	13.4	33.3	35.6	38.4	9,766	10,606	8,923	17.1	16.8	12.8
Benin	Djougou	53.4	36.3	44.0	5.3	5.3	45.2	42.2	54.6	15	52	75	1.6	2.4	3.9
Benin	Parakou	58.1	38.7	46.6	5.2	5.5	46.7	42.8	54.7	23	57	84	0.4	0.5	0.5
Bolivia (Plurinational State of)	La Paz	19.9	30.3	27.2	10.4	11.2	32.3	31.2	42.0	310	657	836	0.4	0.6	0.7
Botswana	Gaborone	13.8	20.1	14.4	6.4	6.4	38.3	38.3	41.7	285	477	593	4.2	5.7	5.3
Brazil	Aparecida de Goiânia	8.5	11.4	10.6	10.2	10.4	34.0	38.6	43.6	937	1,140	1,359	0.7	0.7	0.6
Brazil	Belém	12.1	16.4	16.8	8.8	9.3	27.1	27.0	32.9	676	701	783	0.4	0.4	0.4
Brazil	Belo Horizonte	9.2	11.1	12.3	12.5	12.6	30.5	35.2	39.6	2,867	3,532	3,811	0.8	1.0	0.9
Brazil	Blumenau	12.5	13.7	11.6	7.9	7.6	34.0	35.1	47.9	86	106	115	0.5	0.6	0.5
Brazil	Brasília	9.0	13.6	13.5	11.1	11.6	33.8	38.3	41.9	759	922	959	0.7	0.6	0.5
Brazil	Campinas	15.1	19.0	15.9	13.7	13.2	39.2	39.1	51.8	1,031	1,255	1,415	0.8	0.9	0.8
Brazil	Criciúma	9.6	9.9	10.3	8.6	8.6	34.1	34.8	43.0	162	200	208	1.2	1.3	1.2
Brazil	Cuiabá	15.2	20.6	15.4	8.8	8.9	36.1	40.0	49.7	312	1,051	1,205	0.8	2.2	2.2
Brazil	Feira De Santana	9.2	12.8	12.1	11.1	11.9	31.1	29.7	36.9	201	237	292	0.5	0.5	0.6
Brazil	Manaus	16.2	26.6	23.6	8.3	9.0	22.5	22.2	34.1	331	369	397	0.2	0.2	0.2
Brazil	Petrolina	8.2	11.6	11.1	7.8	8.6	30.3	30.3	33.9	389	443	379	1.4	1.3	0.9
Brazil	Pôrto Alegre	10.6	10.5	10.4	11.3	11.2	33.3	33.6	40.8	420	475	532	0.3	0.3	0.3
Brazil	Rio de Janeiro	12.9	14.7	15.8	14.8	14.3	0.0	0.0	0.0	3,849	4,559	5,022	0.5	0.5	0.5
Brazil	Salvador	7.3	8.8	8.6	12.0	12.7	29.1	28.2	34.1	751	832	898	0.3	0.3	0.3
Brazil	São Gonçalo	14.0	13.8	13.8	12.3	12.1	0.0	0.0	0.0	394	441	497	0.3	0.3	0.3
Brazil	São Paulo	17.3	18.1	15.9	17.7	16.8	38.6	32.2	45.7	8,690	10,999	11,626	0.5	0.6	0.6
Bulgaria	Burgas	27.1	22.7	20.7	7.4	6.7	36.1	40.2	40.4	180	172	204	6.7	5.6	6.5
Bulgaria	Dobrič (Dobrich)	18.7	17.6	14.8	5.8	5.1	34.5	39.2	36.5	151	150	181	15.5	15.1	17.9
Bulgaria	Sofia	33.1	28.6	25.5	10.9	11.1	22.1	48.6	49.5	612	543	601	1.5	1.2	1.1
Burkina Faso	Ouagadougou	44.0	39.0	34.2	7.4	10.1	37.9	36.7	47.9	350	747	1,856	0.4	0.4	0.5
Cambodia	Phnum Pénh (Phnom Penh)	18.4	20.4	24.7	10.7	11.7	31.8	35.9	37.3	544	1,381	1,698	0.5	0.9	0.7
Canada	Calgary	8.5	9.8	7.9	14.0	13.4	39.5	38.6	38.5	4,442	5,546	6,543	5.5	5.4	5.0
Canada	London	11.3	8.2	6.2	10.3	9.4	41.4	47.6	43.4	1,143	1,320	1,475	4.0	4.3	4.4
Canada	Ottawa-Gatineau	7.1	5.7	5.8	10.9	10.9	32.2	38.9	32.7	3,245	3,815	4,334	6.4	6.4	6.1
Canada	Regina,SASK	7.3	7.1	4.9	11.5	10.8	35.9	38.2	27.3	2,003	2,333	2,088	13.4	13.5	10.4
Canada	Toronto	11.0	7.6	6.4	13.5	13.4	38.2	40.9	42.2	26,040	31,260	35,102	6.7	6.9	6.6
Canada	Vancouver	7.3	6.0	5.7	12.9	12.9	26.9	30.1	32.2	7,983	9,198	9,825	5.8	5.6	5.0
Central African Republic		40.0	38.2	39.8	8.5	9.8	44.9	44.3	60.4	29	29	26	0.1	0.0	0.0
Chad	N'Djaména	43.1	41.8	41.2	6.2	7.6	39.5	39.5	47.0	42	57	155	0.1	0.1	0.2
Chile	Concepción	12.5	13.6	12.1	8.9	8.9	0.0	0.0	0.0	3,582	2,775	2,478	10.7	7.8	6.4
Chile	Los Angeles	18.3	21.8	20.1	8.4	7.9	32.9	28.4	30.9	144	184	161	2.2	2.4	1.9
Chile	Santiago	23.4	25.2	24.5	21.0	19.0	42.6	35.7	35.0	5,895	8,079	5,817	1.2	1.5	0.8
Chile	Temuco	29.8	34.0	33.5	9.0	8.3	32.3	27.4	28.9	168	249	220	1.0	1.2	0.8
China	Beijing	66.4	95.3	42.9	24.1	24.5	55.3	54.4	67.3	44,103	64,906	64,415	3.8	3.9	2.7
China	Chaozhou	47.1	59.4	38.6	21.8	20.6	54.5	55.0	49.3	4,399	29,415	34,644	2.2	12.1	11.7
China	Chengdu	53.6	80.6	41.1	20.7	20.5	49.5	55.0	50.5	7,475	12,655	10,492	1.3	1.8	1.2
China	Haikou	18.8	20.4	15.0	11.4	12.8	40.5	41.4	35.3	244	481	497	0.2	0.3	0.3
China	Hangzhou	44.3	54.7	32.9	19.7	19.0	50.5	51.8	58.8	8,028	13,749	13,203	1.5	2.1	1.6
China	Hong Kong, Hong Kong	25.2	25.1	16.1	24.5	23.8	32.1	47.2	38.3	14,047	11,980	7,932	3.3	2.7	1.7
China	Jí'nan, Shandong	49.6	69.5	49.5	24.1	22.6	60.7	61.7	63.4	4,162	8,547	8,331	1.5	2.6	2.2
China	Qingdao	37.1	45.7	35.7	22.4	21.9	49.3	54.2	50.7	13,216	27,999	30,021	4.5	8.3	7.6
China	Tianjin	56.9	70.1	50.6	25.2	25.2	59.7	60.6	52.5	25,409	47,336	47,233	4.5	6.4	4.9
China	Yulin, Guangxi	32.3	43.5	28.1	10.9	10.4	44.4	50.8	35.3	265	584	545	0.6	1.2	1.0

Table C.2: Continued

Country / Territory Name	City Name	Green Area per Capita					SDG 11.2.1. Public Spaces			SDG 11.7.1. Open Public Spaces			SDG 11.3.1. Land Consumption		
		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO2) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O3) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO2) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO2) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Colombia	Barranquilla	15.3	16.6	17.0	10.4	11.3	39.2	33.7	34.3	2,217	2,329	1,919	1.8	1.5	0.9
Colombia	Bogotá	15.1	20.8	19.5	13.2	13.9	30.2	24.9	29.6	3,584	3,489	4,314	0.7	0.5	0.4
Colombia	Boyacá Duitama	15.7	21.2	19.2	7.4	7.0	33.9	27.8	31.2	78	84	100	2.0	1.7	1.3
Colombia	Boyacá Sogamoso	15.8	20.7	18.7	7.2	7.1	34.2	28.2	31.3	1,526	1,272	1,708	21.1	15.7	17.0
Colombia	Casanare Yopal	15.6	19.8	19.1	3.1	2.9	33.2	27.7	29.8	92	110	137	6.3	2.5	1.3
Colombia	Medellín	18.3	22.9	21.3	11.8	12.1	28.6	26.2	29.3	816	791	960	0.4	0.3	0.3
Colombia	Neiva	15.0	16.7	16.4	4.7	4.4	28.7	24.5	28.8	154	165	226	1.3	1.0	1.0
Costa Rica	Cartago	17.6	20.8	20.3	8.0	8.7	37.9	29.1	34.5	210	316	355	1.9	2.5	2.3
Costa Rica	San José	17.6	21.2	20.7	9.3	9.7	38.0	28.7	34.8	798	988	955	0.5	0.6	0.5
Côte d'Ivoire	Bouake	28.6	23.8	23.2	4.0	4.3	34.5	31.7	48.6	130	123	221	0.5	0.3	0.5
Côte d'Ivoire	Korhogo	29.0	24.4	24.3	5.3	5.3	40.4	35.7	46.6	21	11	29	0.2	0.1	0.1
Côte d'Ivoire	Man	20.2	20.4	22.0	3.7	4.5	31.1	29.1	46.9	40	43	83	0.7	0.5	0.7
Côte d'Ivoire	Yamoussoukro	21.9	21.4	20.1	2.8	3.2	30.1	28.7	47.0	41	35	82	0.9	0.4	0.7
Croatia	Zagreb	22.7	21.9	16.1	7.4	7.3	48.9	48.6	50.4	190	212	164	0.5	0.6	0.4
Cyprus	Lefkosia (Nicosia)	20.8	21.7	15.9	11.0	11.1	49.9	45.7	53.1	306	343	283	1.6	1.6	1.1
Czechia	Brno	20.4	20.9	13.1	12.3	11.6	39.1	44.6	48.7	6,098	5,716	3,110	26.1	23.2	12.5
Czechia	Ostrava	30.4	35.3	18.5	12.6	10.3	46.9	42.9	46.5	2,009	1,682	1,221	20.4	17.5	13.9
Czechia	Praha (Prague)	18.8	19.7	12.7	13.9	12.7	46.1	44.5	45.8	3,874	3,404	2,465	4.5	3.7	2.5
Democratic People's Republic of Korea	P'yongyang	28.6	30.0	30.9	12.0	12.0	51.3	50.0	60.2	6,960	4,755	3,845	6.2	4.7	4.3
Democratic People's Republic of Korea	Songrim	24.6	25.0	26.5	8.2	8.0	51.9	50.2	62.2	1,643	1,164	1,016	21.3	15.1	13.3
Democratic Republic of the Congo	Butembo	36.9	37.5	35.4	5.1	5.0	31.2	28.5	48.9	2	4	4	0.0	0.0	0.0
Democratic Republic of the Congo	Kisangani	40.2	45.0	36.1	1.5	1.6	20.3	19.8	50.8	2	5	5	0.0	0.0	0.0
Denmark	Aalborg	12.7	10.7	7.6	9.9	8.4	38.0	37.6	36.7	3,041	1,877	2,611	37.9	22.0	28.9
Denmark	Århus	13.9	11.9	8.2	9.4	8.2	39.3	38.4	37.6	670	609	448	3.6	2.9	1.9
Denmark	Herning	13.0	11.7	7.9	7.3	5.9	38.8	39.0	38.2	175	158	120	10.6	9.0	6.7
Denmark	Horsens	14.2	12.3	8.2	9.1	7.5	38.7	38.8	39.2	867	798	263	25.0	23.5	7.6
Denmark	København (Copenhagen)	12.4	11.2	7.8	12.9	12.2	35.3	35.8	35.2	5,556	5,413	2,643	6.2	5.3	2.2
Denmark	Kolding	13.6	12.1	8.1	8.5	7.0	38.3	38.7	38.3	318	308	239	8.6	7.9	5.8
Denmark	Odense	14.1	11.5	7.8	8.9	7.3	37.0	36.3	39.2	2,341	2,531	1,115	20.8	22.4	9.8
Denmark	Randers	13.5	11.3	8.0	8.6	7.2	37.9	37.5	36.9	230	209	160	6.0	5.4	4.2
Denmark	Vejle	13.4	12.2	8.1	9.3	7.8	38.1	38.2	38.5	236	224	173	12.3	10.7	7.8
Djibouti	Djibouti	45.4	40.8	42.2	6.6	6.9	39.1	35.8	45.4	271	274	208	0.9	0.8	0.5
Egypt	Al-Hskandariyah (Alexandria)	32.0	35.5	27.1	17.7	18.9	52.5	53.8	48.9	3,792	4,369	5,276	1.1	1.1	1.1
Egypt	Al-Mansurah	33.8	42.1	32.1	14.5	14.1	55.3	56.1	50.9	2,749	6,036	5,917	3.8	7.2	5.9
Egypt	Al-Qahirah (Cairo)	43.0	49.7	39.5	20.8	21.7	55.2	51.0	46.6	21,274	33,454	34,232	1.5	2.0	1.7
Egypt	Asyut	39.7	46.7	37.5	17.4	17.0	57.2	57.1	52.3	421	765	719	0.7	1.2	0.9
Egypt	Az-Zaqazig	39.7	46.7	37.5	17.4	17.0	57.2	57.1	52.3	421	765	719	0.7	1.2	0.9
Egypt	Bur Sa'id	33.2	32.6	25.1	14.2	15.5	55.0	56.0	50.6	357	549	469	0.8	1.0	0.7
Egypt	Damanhūr (Damanhour)	34.3	39.9	30.4	14.4	13.9	53.6	54.8	49.9	1,474	1,576	973	4.5	4.2	2.2
Egypt	Disūq (Desouk)	31.6	38.9	28.9	10.5	10.8	54.4	55.6	50.6	1,209	3,315	2,293	6.8	15.6	9.0
Egypt	Dumyāt (Damietta)	30.5	31.0	23.7	11.6	12.5	54.2	55.4	50.0	3,890	4,173	3,197	11.6	10.7	6.6
Egypt	Fāqūs (Faqous)	38.3	45.0	33.8	9.9	9.1	56.4	56.5	51.8	160	285	285	0.7	1.2	1.0
Egypt	Tanta	38.4	44.8	34.7	15.7	15.1	55.3	55.2	50.4	881	1,094	960	1.7	1.8	1.3
Eritrea	Asmara	28.4	28.9	25.6	7.6	8.0	41.3	37.2	42.6	31	20	22	0.2	0.1	0.1
Eswatini	Mbabane	17.0	19.1	13.9	8.8	8.3	34.1	34.4	41.3	121	87	116	6.5	4.3	5.4
Ethiopia	Dire Dawa	16.9	23.3	25.5	6.4	6.7	35.2	31.7	45.2	90	206	1,063	0.7	1.2	4.8
France	Angers	12.3	14.5	7.9	12.7	10.9	38.3	45.0	42.7	503	442	312	2.9	2.6	1.9
France	Le Mans	12.2	14.2	7.8	12.8	11.5	37.3	43.6	41.4	835	768	591	5.7	5.4	4.3
France	Marseille	18.4	16.8	10.2	14.3	13.7	49.6	51.4	49.0	1,458	1,454	1,062	1.8	1.7	1.1
France	Nantes	11.8	14.5	8.0	12.9	11.3	38.3	43.8	42.0	733	685	523	1.8	1.6	1.2
France	Strasbourg	16.7	18.3	12.0	13.7	12.5	45.0	46.0	42.4	1,089	1,045	820	2.9	2.7	2.0
France	Tours	12.5	15.8	8.0	13.6	12.3	39.8	43.9	41.9	390	360	267	1.8	1.7	1.2
Germany	Bremen	15.2	14.9	9.4	13.2	11.8	36.7	41.7	37.0	2,109	2,035	1,642	6.3	5.9	4.8
Germany	Halle (Saale)	16.4	17.4	9.3	12.8	11.0	41.4	42.2	41.8	948	793	805	6.0	5.0	5.2
Germany	Hamburg	14.2	14.8	9.5	12.9	11.1	36.4	40.1	36.4	8,207	7,838	10,305	5.8	5.4	7.1
Germany	München (Munich)	12.9	13.6	8.6	13.8	13.7	43.7	44.0	47.0	6,715	7,295	5,963	5.3	5.2	3.7
Germany	Oldenburg (Oldenburg)	13.8	13.6	8.0	11.5	10.3	39.8	41.8	37.7	1,063	977	902	8.4	7.5	7.2
Ghana	Tamale	42.4	30.3	33.2	4.5	4.8	43.3	41.4	54.2	24	41	76	0.1	0.2	0.2
Greece	Athīnai (Athens)	19.9	18.4	14.2	16.5	15.8	54.9	53.8	46.4	5,054	4,230	3,361	1.6	1.3	1.1
Greece	Thessaloniki	20.6	18.4	16.1	15.8	15.0	51.5	35.3	54.8	2,638	2,835	2,174	3.4	3.6	2.8
Guatemala	Mazatenango	35.3	33.4	34.4	6.3	7.2	0.0	0.0	0.0	110	138	194	3.1	2.8	2.6
Guatemala	Quetzaltenango	29.2	27.2	29.4	7.5	7.4	0.0	0.0	0.0	68	94	131	0.6	0.7	0.7
Guatemala	San Juan Sacatepéquez	43.9	45.1	45.3	3.2	3.6	0.0	0.0	0.0	103	135	213	4.0	5.3	5.9
Guinea	Conakry	43.1	32.3	32.4	7.7	8.8	36.0	36.8	43.9	171	296	360	0.2	0.2	0.2
Guinea	Kankan	32.3	30.2	26.5	4.3	5.3	37.3	35.9	48.3	7	10	11	0.1	0.1	0.1
Guinea	Nzérekoré	22.2	24.1	23.2	4.5	5.9	32.3	30.3	49.2	6	10	12	0.1	0.1	0.1
Guinea-Bissau	Bissau	39.3	31.7	32.1	4.2	5.8	35.6	37.2	44.4	78	107	100	0.3	0.3	0.2
Honduras	El Progreso	33.5	31.2	45.8	3.8	4.0	39.7	31.5	35.2	76	106	89	1.5	1.8	1.1
Honduras	San Pedro Sula	32.0	28.8	40.9	6.1	6.2	43.1	34.7	39.0	173	274	207	0.4	0.5	0.3

Table C.2: Continued

		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO ₂) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O ₃) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO ₂) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO ₂) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Hungary	Miskolc	26.7	20.8	15.0	8.5	7.7	46.4	44.8	46.4	1,060	1,284	1,191	9.3	12.3	11.4
Hungary	Sopron	17.8	18.0	10.9	7.5	6.9	56.4	48.0	52.0	174	181	219	7.4	6.1	5.6
India	Ahmadnagar	27.5	37.8	41.7	7.1	6.4	57.9	54.4	69.7	106	188	235	0.4	0.6	0.9
India	Amritsar	67.2	84.0	77.2	11.8	11.2	63.1	59.7	75.9	604	872	495	0.9	1.1	0.6
India	Bareilly	62.9	90.3	82.5	8.5	8.5	63.4	60.8	69.5	121	204	243	0.1	0.2	0.2
India	Bhiwandi	25.3	36.7	43.7	10.2	10.6	58.2	57.1	68.2	381	836	876	0.3	0.5	0.4
India	Bhopal	29.6	44.3	52.0	7.7	7.8	53.0	50.7	65.4	249	460	515	0.2	0.3	0.3
India	Delhi	90.2	128.9	113.8	18.2	18.2	61.4	62.1	64.3	16,471	25,480	18,849	1.0	1.2	0.7
India	Hyderabad	26.5	39.6	39.4	14.8	14.7	54.5	48.2	69.3	2,221	4,363	4,551	0.4	0.6	0.5
India	Jalandhar	58.6	72.0	73.1	11.6	11.1	62.9	60.9	72.8	182	327	390	0.3	0.4	0.4
India	Kochi (Cochin)	18.9	21.4	22.9	6.0	5.9	43.4	35.3	57.7	3,107	4,653	6,106	1.3	1.8	2.3
India	Lakhimpur	66.7	88.9	80.8	8.2	7.5	65.8	61.8	71.8	104	198	579	0.9	1.3	2.6
India	Ludhiana	60.0	80.9	79.4	12.4	11.6	64.3	63.3	71.5	648	1,207	1,223	0.5	0.8	0.8
India	Moradabad	48.8	67.8	65.3	9.7	9.7	62.8	61.1	68.4	119	215	239	0.2	0.3	0.2
India	Mumbai (Bombay)	34.0	38.6	40.4	19.3	19.3	53.0	54.8	65.4	16,372	19,728	17,713	1.2	1.3	1.0
India	Nashik	23.6	35.6	37.1	9.2	9.0	58.3	56.3	68.2	5,727	6,067	4,180	5.9	5.1	2.8
India	Patna	68.3	87.5	95.1	11.6	12.3	65.4	63.9	72.7	76	139	184	0.0	0.1	0.1
India	Pune (Poona)	32.0	46.2	50.5	15.7	16.9	58.2	56.1	69.3	1,438	2,858	2,922	0.4	0.6	0.4
India	Shahjahanpur	70.8	104.9	97.2	8.9	8.4	65.2	62.5	70.3	1,164	4,960	6,493	4.7	15.7	15.9
India	Sitapur	77.5	100.9	92.9	9.2	9.1	64.4	60.4	70.4	78	133	134	0.7	1.1	0.8
India	Surat	34.4	39.0	49.4	15.5	17.7	56.6	55.4	65.0	2,542	4,389	4,289	1.0	1.2	0.8
Indonesia	Bandar Lampung	10.7	14.6	16.5	8.2	9.0	31.1	31.2	50.1	348	448	508	0.7	0.6	0.5
Indonesia	Cirebon	18.1	21.1	19.4	8.1	8.1	28.6	32.6	44.5	572	699	660	0.6	0.6	0.5
Indonesia	Manado	11.5	13.1	12.8	4.1	4.3	21.1	25.8	22.6	214	286	306	0.8	1.1	0.9
Indonesia	Medan	22.9	33.9	33.6	10.3	10.2	26.5	31.5	33.4	823	1,186	1,095	0.3	0.4	0.3
Indonesia	Pekalongan	18.5	20.2	18.9	4.2	4.2	29.9	32.3	51.3	222	170	155	0.3	0.2	0.2
Indonesia	Semarang	19.8	21.0	20.2	8.6	8.7	28.8	32.7	48.9	2,439	3,588	3,354	1.6	2.0	1.6
Iran (Islamic Republic of)	Ardabil	26.4	33.4	26.3	10.4	10.8	45.7	44.4	52.6	673	874	882	4.6	5.4	4.0
Iran (Islamic Republic of)	Bandar Abbas	61.1	60.1	57.2	6.9	7.5	62.1	51.7	53.5	885	1,388	1,554	21.9	20.8	13.5
Iran (Islamic Republic of)	Bojnurd	34.5	33.4	31.2	8.4	8.7	51.2	43.3	51.2	1,092	3,383	4,096	26.9	80.1	47.6
Iran (Islamic Republic of)	Dehdasht	61.0	62.3	49.5	6.1	6.2	62.5	52.8	63.5	201	205	175	14.6	23.4	18.5
Iran (Islamic Republic of)	Esfahān (Isfahan)	41.1	47.6	52.5	12.9	12.8	57.4	49.1	60.8	3,158	4,861	5,622	5.9	6.8	5.3
Iran (Islamic Republic of)	Karaj	36.5	41.7	37.7	14.4	15.2	51.1	39.2	51.2	1,344	2,027	2,407	1.4	1.6	1.3
Iran (Islamic Republic of)	Kāshmar	29.7	35.4	38.2	7.6	8.0	54.7	47.2	54.6	268	378	394	15.6	17.1	12.2
Iran (Islamic Republic of)	Mashhad	33.2	35.0	34.4	11.7	12.5	53.6	46.8	50.7	8,164	12,450	14,631	7.9	9.7	8.1
Iran (Islamic Republic of)	Nishābūr (Nishapur/Neyshabur)	29.8	33.1	33.2	10.3	10.6	53.7	46.4	52.3	1,281	2,111	2,836	20.2	35.6	35.7
Iran (Islamic Republic of)	Shiraz	38.3	41.2	40.1	11.7	11.8	59.7	48.7	60.3	1,898	2,392	2,345	5.1	6.8	5.2
Iran (Islamic Republic of)	Shirvān	34.9	34.3	31.2	8.0	8.6	51.6	43.8	51.1	174	253	265	11.4	16.6	9.9
Iran (Islamic Republic of)	Tabriz	30.1	34.8	32.2	14.1	14.2	51.9	49.6	60.4	4,891	7,436	6,641	13.3	15.4	9.1
Iran (Islamic Republic of)	Tehran	32.4	37.4	33.9	20.9	21.8	48.8	30.6	44.8	20,380	28,590	30,562	3.6	4.6	4.1
Iraq	Baghdad	45.4	58.3	49.7	13.0	13.9	58.7	56.4	55.9	6,241	6,791	7,787	2.2	2.0	1.9
Iraq	Faloojah	45.3	55.8	38.0	6.5	6.6	59.8	57.6	56.6	690	661	1,062	30.1	18.8	34.5
Ireland	Dublin	9.8	10.1	8.2	10.8	9.9	0.0	0.0	0.0	2,981	3,317	2,936	3.1	3.1	2.3
Israel	Tel Aviv-Yafo (Tel Aviv-Jaffa)	20.5	23.4	20.4	14.5	14.1	48.2	50.7	48.8	2,983	2,886	2,475	2.0	1.6	1.2
Italy	Marsala	14.3	14.4	12.7	7.3	7.1	48.4	45.9	45.1	318	304	224	4.0	3.8	2.8
Italy	Messina	14.3	13.3	10.3	11.0	10.5	47.4	41.4	45.4	494	485	372	2.5	2.6	2.1
Italy	Milano (Milan)	31.2	28.4	22.9	18.8	17.5	51.9	51.2	62.0	7,116	7,910	6,169	2.4	2.7	2.0
Italy	Palermo	14.7	14.4	11.5	10.7	10.1	48.1	45.2	46.0	732	705	561	1.0	1.0	0.8
Italy	Roma (Rome)	21.6	18.4	15.3	15.8	15.3	47.5	44.9	51.1	9,923	10,732	8,756	4.5	4.7	3.7
Italy	Venezia	29.7	24.6	22.2	10.5	9.1	45.5	47.7	57.2	355	757	583	5.5	12.2	9.8
Japan	Akita	11.1	8.9	8.3	8.0	7.8	47.9	48.5	39.7	2,354	1,685	757	11.5	8.8	4.2
Japan	Kanazawa	14.5	10.4	8.9	10.3	9.8	51.6	53.7	47.9	1,444	1,210	994	3.2	2.6	2.0
Japan	Okinawa	12.4	13.3	10.3	11.2	11.4	0.0	0.0	0.0	3,505	3,249	2,904	3.8	3.4	2.9
Japan	Osaka	17.5	13.7	12.5	18.7	17.8	44.5	49.5	44.7	75,283	68,267	57,844	5.6	5.0	4.1
Japan	Tokyo	17.2	14.3	13.3	22.3	20.7	45.9	45.1	48.4	120,018	116,476	100,187	4.0	3.6	2.9
Japan	Toyama	15.2	11.4	10.0	11.0	10.9	50.4	53.1	47.6	754	636	456	3.7	3.3	2.1
Jordan	Ammān (Amman)	30.5	40.7	36.5	15.4	16.3	55.1	56.7	53.9	2,148	2,017	2,063	1.1	0.8	0.7
Kenya	Nairobi	17.1	22.4	23.8	12.1	14.3	26.7	29.1	41.0	857	1,170	1,014	0.3	0.3	0.2
Kenya	Nakuru	16.4	24.9	25.1	7.1	8.1	29.0	30.3	42.7	101	151	188	0.4	0.4	0.4
Kuwait	Al-Kuwait (Kuwait City)	63.9	65.9	55.2	15.8	17.4	64.7	51.8	58.8	18,846	30,935	37,077	17.4	20.3	16.9
Kyrgyzstan	Bishkek	19.0	19.5	23.0	17.3	18.5	48.3	42.0	48.5	2,386	2,063	3,022	2.9	2.3	3.1
Kyrgyzstan	Žalal-Abat (Jalal-Abad)	25.8	23.2	23.5	8.9	8.7	55.5	48.8	58.5	64	94	131	1.0	1.4	1.8
Latvia	Riga	20.2	23.4	16.3	9.9	8.9	35.7	35.1	37.1	1,990	1,113	587	5.9	2.7	1.1
Lebanon	Ālaydā (Sidon)	28.1	33.7	30.9	16.1	17.4	52.9	54.0	50.0	213	237	255	1.5	1.0	0.7
Lebanon	Ālūr (Tyre)	23.4	27.4	24.5	9.8	10.7	53.9	55.7	52.9	323	385	423	5.5	3.8	2.3
Liberia	Monrovia	20.7	17.9	19.7	5.6	7.8	27.6	27.2	39.2	143	246	398	0.2	0.2	0.3
Libya	Tarabulus (Tripoli)	19.7	28.0	17.6	10.8	10.5	0.0	0.0	0.0	1,790	2,144	1,352	2.1	2.3	1.3
Lithuania	Vilnius	13.9	18.5	10.7	11.3	10.5	28.6	32.2	31.7	3,248	1,498	580	17.9	9.0	3.4
Luxembourg	Luxembourg (Lëtzebuerg)	14.0	16.1	8.8	13.9	13.4	35.3	43.4	44.2	1,986	2,734	1,936	26.1	29.5	16.6
Malawi	Blantyre-Limbe	16.1	23.2	17.0	7.6	8.3	30.7	32.2	39.1	1,432	2,385	2,701	2.7	3.6	3.2
Malawi	Mzuzu	15.4	23.7	20.0	6.2	7.5	29.7	33.8	38.5	51	62	73	0.7	0.5	0.4

Table C.2: Continued

		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO2) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O3) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO2) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO2) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Malaysia	Bukit Mertajam	17.8	15.6	16.1	8.7	9.2	30.5	30.1	37.7	1,842	1,993	2,009	5.5	4.9	4.0
Malaysia	George Town (Pinang)	18.4	15.1	14.9	9.4	10.4	30.4	30.3	37.9	5,662	7,314	6,291	11.5	12.0	8.3
Malaysia	Ipoh	18.8	16.7	17.3	7.4	7.9	40.1	38.4	47.5	2,641	3,043	2,898	5.9	5.7	4.3
Malaysia	Kuala Lumpur	17.2	18.6	17.8	12.2	12.3	37.2	36.2	49.5	18,044	21,211	23,607	4.5	4.0	3.3
Malaysia	Kuching	9.8	10.8	9.9	5.1	5.4	22.8	29.1	28.4	1,079	1,387	1,536	4.3	4.7	3.9
Malaysia	Taiping	15.6	13.9	13.8	4.9	5.6	31.7	30.5	40.1	345	418	401	2.6	2.6	2.0
Mali	Bamako	31.1	32.3	26.8	9.6	12.1	35.2	33.6	46.4	118	291	811	0.1	0.1	0.2
Mali	Kayes	45.3	44.3	39.5	6.4	7.9	33.3	32.7	44.8	25	53	126	0.4	0.4	0.6
Mali	Sikasso	29.9	28.1	25.7	4.7	5.5	35.8	34.2	46.5	17	37	90	0.1	0.2	0.3
Mauritania	Nouakchott	68.4	45.4	48.0	8.3	10.2	36.1	32.9	39.3	253	452	772	0.5	0.6	0.6
Mexico	Campeche Campeche	15.5	11.3	15.3	6.3	6.6	49.0	37.6	34.4	209	266	192	1.2	1.3	0.8
Mexico	Celaya	21.2	20.1	19.1	14.0	14.0	51.0	46.8	46.4	338	440	308	1.3	1.3	0.7
Mexico	Ciudad Juárez (Juárez)	10.1	8.5	9.7	14.4	13.9	55.4	47.1	50.1	3,036	3,878	3,878	2.4	3.0	2.9
Mexico	Coatzacoalcos	23.2	14.6	19.2	6.7	7.1	48.3	39.7	31.0	474	596	418	2.1	2.2	1.3
Mexico	Ensenada	13.2	9.2	11.6	9.5	9.8	50.7	43.6	51.7	365	516	373	2.1	2.3	1.3
Mexico	Guanajuato Salamanca	20.4	19.8	18.6	9.7	9.7	48.8	45.3	45.1	245	354	290	2.9	3.4	2.2
Mexico	Irapuato	22.8	23.2	20.6	13.5	13.4	49.3	45.6	45.6	267	348	261	0.9	0.9	0.5
Mexico	León de los Aldamas	22.3	22.8	22.2	14.2	14.6	48.6	45.9	45.8	672	865	644	0.7	0.7	0.4
Mexico	Mérida	16.6	10.9	14.6	8.8	9.1	44.8	39.6	35.2	3,680	3,590	4,009	5.6	4.6	4.1
Mexico	Monterrey	25.2	26.5	28.1	14.2	14.4	43.7	43.1	40.0	10,606	13,469	13,430	3.2	3.7	2.8
Mexico	Querétaro	19.7	17.5	17.6	12.0	12.1	51.6	47.0	45.7	926	1,220	842	1.5	1.5	0.8
Mexico	Saltillo	15.5	14.5	16.0	12.5	13.1	45.2	45.4	43.8	689	930	672	1.3	1.4	0.8
Mexico	Tabasco Cárdenas	24.7	14.1	21.3	7.7	7.9	48.7	38.1	32.3	325	356	364	5.1	4.3	3.4
Mexico	Tabasco Comalcalco	25.1	13.4	19.3	5.5	5.6	48.6	38.7	31.7	76	96	66	2.3	2.3	1.3
Mexico	Tijuana	17.5	13.3	16.6	16.2	16.1	47.8	43.5	51.6	1,348	1,870	1,309	1.2	1.4	0.8
Mexico	Veracruz De Ignacio De La Llave Las Choapas	21.1	14.0	19.3	2.9	3.0	48.9	38.7	31.9	136	158	162	5.0	4.8	4.0
Mexico	Veracruz De Ignacio De La Llave Minatitlán	22.4	15.2	19.0	7.0	7.1	48.1	39.5	31.1	5,222	4,935	3,624	43.8	36.9	24.2
Mexico	Villahermosa	28.0	15.8	23.6	9.2	9.7	49.9	38.3	33.1	907	1,271	1,303	3.2	3.3	2.5
Morocco	Agadir	21.7	23.2	22.4	10.5	11.5	44.4	45.3	47.0	545	1,054	1,086	1.2	1.8	1.5
Morocco	Dar-el-Beida (Casablanca)	22.6	25.0	21.5	17.1	17.8	48.6	48.3	48.5	3,565	4,854	3,247	1.2	1.4	0.8
Morocco	Fès	18.8	24.1	18.8	13.7	14.4	43.0	46.8	56.8	317	516	591	0.4	0.5	0.5
Morocco	Fkih Ben Salah	21.1	27.0	22.1	10.5	10.2	46.0	48.1	55.3	43	68	88	0.5	0.8	0.9
Morocco	Marrakech	23.5	26.4	23.2	14.3	15.6	47.5	47.4	52.6	331	408	430	0.5	0.5	0.4
Morocco	Meknès	15.7	23.5	17.5	12.8	13.1	45.2	48.4	57.0	183	218	235	0.4	0.4	0.4
Morocco	Rabat	21.0	20.5	17.0	14.7	15.0	48.5	49.0	51.2	469	635	751	0.4	0.5	0.6
Morocco	Sidi Slimane	19.8	23.1	16.5	9.7	10.5	45.1	48.0	56.2	20	33	46	0.4	0.5	0.5
Mozambique	Maputo	16.7	15.8	11.9	9.7	10.1	28.6	27.7	36.0	259	960	1,894	0.2	0.5	0.7
Mozambique	Mocuba	18.4	22.9	15.5	2.8	3.0	27.1	27.8	37.0	4	5	8	0.2	0.1	0.1
Mozambique	Nampula	13.3	19.8	15.9	5.7	6.9	26.1	27.2	36.2	12	26	29	0.0	0.1	0.0
Myanmar	Sittwe (Akyab)	56.0	56.0	65.0	3.7	3.6	41.4	38.3	52.0	7	5	25	0.1	0.1	0.5
Namibia	Windhoek	11.7	17.6	12.3	8.1	9.1	38.3	39.7	42.5	92	156	236	0.4	0.5	0.6
Netherlands (Kingdom of the)	Amsterdam	15.0	16.6	9.7	15.8	14.3	36.6	33.0	39.7	7,292	7,470	4,053	8.0	7.7	3.8
Netherlands (Kingdom of the)	Gouda	14.7	16.5	9.3	14.6	12.5	36.9	34.9	40.7	1,130	1,203	875	17.7	18.7	13.6
New Zealand	Auckland	5.3	6.2	5.8	8.3	8.5	27.7	33.7	29.3	2,167	2,093	2,365	2.1	1.8	1.9
New Zealand	Dunedin	8.6	10.3	10.5	7.1	6.8	0.0	0.0	0.0	484	404	461	7.2	5.9	6.6
New Zealand	Wellington	5.8	6.3	6.4	6.2	6.6	23.8	29.5	30.6	932	816	877	8.3	6.6	6.5
Nicaragua	Estelí	23.3	26.6	28.2	3.3	3.2	39.0	32.5	36.8	31	42	61	1.2	1.5	1.4
Niger	Niamey	46.8	49.0	42.3	7.1	8.3	38.0	37.3	46.8	102	181	302	0.2	0.3	0.3
Nigeria	Aba	52.7	44.8	48.9	8.6	10.0	39.4	41.7	57.3	280	355	1,458	0.4	0.4	1.3
Oman	Masqat (Muscat)	46.6	48.8	47.1	10.5	10.7	49.7	40.5	48.4	800	1,616	2,691	4.8	8.9	11.9
Pakistan	Faisalabad	29.7	42.5	38.1	16.5	17.4	61.4	58.3	69.1	1,234	1,534	1,886	0.5	0.5	0.5
Pakistan	Gujranwala	49.6	66.8	61.7	12.5	12.3	62.0	57.2	77.0	197	285	420	0.2	0.2	0.2
Pakistan	Hyderabad	82.4	79.8	83.1	12.1	12.9	48.9	47.0	54.0	381	570	916	0.3	0.4	0.5
Pakistan	Islamabad	52.5	59.7	60.7	11.7	11.9	61.3	55.1	76.8	1,917	2,742	3,046	1.1	1.1	0.9
Pakistan	Karachi	77.9	72.3	72.1	18.2	19.8	46.4	45.4	51.7	9,372	11,681	10,285	1.0	1.0	0.7
Pakistan	Khairpur	73.0	77.0	85.2	6.0	5.7	51.8	47.2	54.1	75	104	144	0.9	1.0	1.0
Pakistan	Larkana	69.8	75.5	80.9	7.6	7.3	51.9	46.4	53.3	37	50	65	0.2	0.2	0.2
Pakistan	Multan	45.2	61.0	68.3	13.3	13.5	56.5	54.0	58.6	619	814	1,010	0.4	0.4	0.4
Pakistan	Peshawar	57.8	64.1	71.8	9.8	9.8	61.2	53.7	68.4	631	852	1,036	0.4	0.4	0.4
Pakistan	Sargodha	35.8	47.0	41.1	9.4	8.8	61.1	55.6	72.1	95	131	154	0.3	0.2	0.3
Pakistan	Sukkur	68.8	72.0	79.0	7.8	7.6	52.2	47.5	54.3	181	247	339	0.7	0.7	0.8
Panama	Ciudad de Panamá (Panama City)	14.2	16.5	16.0	9.4	10.1	39.9	31.3	37.7	721	1,239	1,059	0.9	1.3	0.9
Paraguay	Asunción	14.2	13.8	18.3	9.6	9.7	28.7	34.7	41.9	368	448	658	0.3	0.3	0.3
Peru	Tacna	13.1	15.6	15.4	7.8	8.1	30.6	37.0	38.0	49	94	109	0.4	0.5	0.4
Philippines	Baguio City	34.9	39.3	34.7	9.4	10.0	34.6	34.9	29.9	130	132	194	0.4	0.3	0.4
Philippines	Davao City	20.2	20.5	21.0	8.1	9.6	20.2	23.7	19.7	435	517	596	0.5	0.5	0.5
Philippines	Iligan	21.0	20.8	19.7	5.4	5.8	22.0	24.9	19.9	477	678	606	2.5	3.0	2.3
Philippines	Manila	25.0	29.2	28.1	13.8	14.3	32.2	32.8	27.4	8,246	8,956	10,986	0.4	0.4	0.4
Philippines	Ozamis	20.6	20.5	19.8	4.6	5.3	22.3	25.0	20.1	55	51	68	0.7	0.5	0.6
Poland	Głogów	22.5	26.6	14.3	10.1	9.2	46.3	41.5	41.6	259	184	170	8.6	6.1	5.3

Table C.2: Continued

		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO2) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O3) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO2) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO2) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Poland	Kalisz	27.3	32.8	18.2	11.4	10.1	46.1	42.4	45.5	191	237	209	2.5	3.2	2.9
Poland	Legnica	23.4	27.0	14.4	10.6	9.8	48.0	42.1	44.8	417	432	426	6.0	6.5	6.4
Poland	Leszno	24.3	28.5	15.4	10.2	9.6	45.8	40.5	42.8	130	165	150	2.7	3.3	2.9
Poland	Lubin	23.4	27.5	14.9	10.2	9.4	47.8	42.0	44.7	256	264	249	4.2	4.4	4.3
Poland	Ostrów Wielkopolski	27.8	32.0	17.8	10.9	9.9	45.9	41.9	45.3	119	151	140	2.9	3.6	3.2
Poland	Warszawa (Warsaw)	22.1	26.5	14.6	13.8	12.0	39.3	40.4	40.9	8,125	8,543	6,450	4.8	5.0	3.7
Poland	Wrocław	26.2	31.9	16.4	11.7	10.1	46.0	35.5	44.4	2,059	1,987	1,593	4.6	4.6	3.8
Portugal	Lisboa (Lisbon)	13.4	9.9	8.9	14.3	13.9	39.9	46.3	41.0	2,911	2,769	2,143	1.5	1.4	1.0
Portugal	Porto	13.2	11.2	9.2	14.3	13.4	37.0	40.2	35.0	1,946	1,776	1,384	1.9	1.8	1.4
Qatar	Ad-Dawhah (Doha)	81.5	78.6	81.7	13.4	15.4	65.6	53.2	66.7	4,360	12,785	14,616	15.6	11.5	3.3
Republic of Korea	Daegu	23.5	24.1	20.8	17.3	16.4	54.1	49.1	60.2	5,468	4,615	5,018	2.4	2.1	2.3
Russian Federation	Berdk	16.0	17.3	14.9	8.2	7.9	47.2	41.7	36.0	270	264	382	4.7	4.6	6.5
Russian Federation	Moskva (Moscow)	20.4	24.7	15.3	18.8	18.4	44.5	44.2	31.1	41,216	48,861	52,865	3.8	4.0	3.8
Saudi Arabia	Abhā	41.1	38.1	35.3	7.0	7.3	53.6	48.9	50.8	1,229	2,175	1,669	304.7	411.5	195.2
Saudi Arabia	Ad-Dammam	81.7	77.1	73.7	12.2	11.6	51.6	48.1	62.0	4,329	8,388	7,063	12.7	17.8	8.4
Saudi Arabia	Al-Madinah (Medina)	44.5	57.2	58.8	6.0	6.1	55.7	50.6	55.4	963	1,795	1,795	9.1	14.5	7.1
Saudi Arabia	Ar-Riyadh (Riyadh)	81.2	91.5	87.7	11.2	10.9	57.2	49.6	59.6	27,470	53,112	50,418	25.3	32.6	17.8
Saudi Arabia	Jiddah	69.3	72.8	68.8	10.7	10.1	0.0	0.0	0.0	10,596	18,260	17,029	11.3	14.8	9.1
Saudi Arabia	Makkah (Mecca)	56.8	66.3	67.1	9.8	9.5	55.2	52.1	52.9	1,151	2,163	1,614	11.5	14.9	6.1
Saudi Arabia	Taif	50.4	51.4	45.6	6.5	6.6	55.8	52.8	54.2	849	1,413	1,302	37.1	43.8	22.4
Senegal	Dakar	41.3	35.2	39.4	12.4	15.1	38.8	36.4	40.3	1,752	2,353	3,419	0.9	0.9	1.0
Senegal	Ziguinchor	42.7	36.7	34.7	1.8	1.8	40.0	40.0	44.9	115	166	252	3.5	3.6	4.7
Serbia	Beograd (Belgrade)	23.2	21.3	23.1	12.9	11.8	43.5	37.8	27.8	787	767	663	0.8	0.8	0.6
Sierra Leone	Bo	24.6	24.0	25.6	6.5	8.2	33.9	33.4	42.5	10	15	19	0.1	0.1	0.1
Sierra Leone	Kenema	22.2	23.3	23.6	5.5	7.0	31.3	31.5	43.3	13	20	24	0.1	0.1	0.1
Slovakia	Bratislava	20.0	20.3	11.9	12.6	11.2	45.6	46.0	48.2	3,777	3,293	2,483	14.5	13.4	10.7
Slovakia	Košice	24.1	22.0	14.3	10.0	9.4	48.7	47.7	44.2	2,053	1,937	1,469	10.6	9.9	7.3
Slovakia	Nitra	21.1	20.9	13.3	11.2	10.3	46.7	45.2	49.2	663	528	409	16.5	15.2	12.1
Slovakia	Trnava	20.7	20.7	12.4	10.6	9.3	46.6	46.3	45.3	285	297	1,328	7.8	8.6	39.3
South Africa	Bloemfontein	20.9	29.3	24.0	10.2	10.6	37.9	37.8	41.2	598	842	730	1.8	2.2	1.7
South Africa	Cape Town	6.4	8.4	7.0	13.3	13.8	24.5	26.6	24.0	5,794	8,392	6,907	2.5	2.8	1.8
South Africa	Durban (Ethekwini)	26.7	27.3	22.7	10.8	10.8	31.2	31.6	36.4	4,961	7,311	6,158	2.0	2.7	2.0
South Africa	Gqeberha	11.9	12.2	9.8	8.1	8.3	0.0	0.0	0.0	2,867	3,354	3,515	5.1	5.2	4.8
South Africa	Johannesburg	52.1	57.2	48.4	14.4	14.9	43.9	40.3	47.0	18,728	26,693	21,491	4.4	4.7	2.8
South Africa	Pietermaritzburg (The Msunduzi)	21.4	28.2	25.1	8.3	8.1	31.9	33.6	39.8	427	619	498	1.2	1.5	1.1
Spain	Burgos	14.2	9.5	7.7	12.2	11.9	43.3	46.0	49.4	487	562	474	5.9	5.9	4.3
Spain	Madrid	12.3	11.5	10.7	18.1	17.6	35.6	45.4	54.0	5,087	6,097	4,779	1.4	1.5	0.9
Spain	Santander	13.7	11.5	10.0	12.7	12.3	38.7	36.6	34.0	639	628	478	4.7	4.2	2.8
Spain	Sevilla	14.8	14.8	12.5	15.1	15.2	41.4	53.6	50.7	1,992	2,101	1,634	3.7	3.5	2.4
Spain	Torrelavega	15.1	11.9	10.5	12.3	12.0	45.0	41.4	37.1	648	535	321	21.8	16.0	8.0
Spain	Vitoria-Gasteiz	10.2	8.2	7.2	11.5	11.1	37.6	44.1	42.3	536	356	272	3.6	2.0	1.2
Sudan	Al-Khartoum (Khartoum)	41.5	45.0	37.8	5.9	6.7	40.3	38.7	48.5	1,571	2,845	5,879	1.0	1.3	2.1
Sweden	Malmö	11.7	9.9	7.2	11.7	11.1	36.8	37.9	36.1	223	202	194	1.1	0.8	0.6
Sweden	Stockholm	7.6	6.6	5.0	11.8	11.4	34.8	35.6	31.3	2,372	2,247	1,087	2.6	2.0	0.8
Syrian Arab Republic	Dimashq (Damascus)	30.0	38.4	35.0	18.1	17.7	55.7	55.9	51.9	1,586	2,043	830	0.8	0.8	0.2
Syrian Arab Republic	Halab (Aleppo)	30.1	40.5	34.5	12.7	12.4	52.1	49.5	51.5	1,260	1,850	629	0.9	1.0	0.3
Syrian Arab Republic	Hims (Homs)	25.5	31.5	26.7	11.5	11.2	54.5	53.0	50.7	1,333	1,238	344	3.5	2.4	0.6
Tajikistan	Dushanbe	24.7	31.8	35.2	15.9	16.6	57.5	49.5	53.4	662	505	727	1.0	0.6	0.6
Tajikistan	Istaravšan (Istaravshan)	24.2	28.7	30.5	10.1	10.1	56.6	49.6	54.0	79	99	168	2.0	2.0	2.9
Tajikistan	Khujand (Chuçand)	30.4	35.7	37.2	10.3	10.7	56.3	49.4	52.2	97	116	149	0.7	0.8	0.9
Tajikistan	Kūlob	21.1	30.5	29.8	7.3	7.1	59.0	51.2	51.1	42	54	75	1.1	0.9	1.0
Thailand	Krung Thep (Bangkok)	20.2	21.7	22.5	12.9	13.7	29.8	33.3	50.6	19,848	25,644	29,910	2.3	2.1	1.7
Timor-Leste	Dili	11.4	13.3	12.4	4.7	6.4	27.7	27.1	35.0	7	74	71	0.1	0.4	0.2
Tunisia	Al-Munastir (Monastir)	21.9	21.5	19.1	5.6	6.3	65.1	54.1	52.8	120	146	137	3.4	3.3	2.3
Tunisia	Al-Qayrawān (Kairouan)	25.1	21.7	18.1	7.4	7.6	62.1	50.6	53.8	129	167	172	4.0	4.3	3.5
Tunisia	Manzil Bū Ruqaybah (Menzel Bourguiba)	21.1	19.2	18.7	5.1	5.0	50.2	45.1	49.6	121	137	127	2.9	3.1	2.3
Tunisia	Māsākin (M'saken)	22.3	19.8	17.0	8.6	8.8	65.2	54.2	52.8	2,183	1,957	2,866	99.2	75.3	89.9
Tunisia	Qābis (Gabès)	25.0	23.2	17.9	6.0	6.0	56.0	47.2	54.1	1,085	871	1,907	11.0	8.1	14.9
Tunisia	Safaqis	26.4	24.0	19.9	9.0	9.1	61.9	51.8	53.4	278	333	305	0.7	0.7	0.6
Tunisia	Sūsah (Sousse)	21.9	20.6	17.9	9.8	10.7	63.6	52.9	51.6	122	161	168	0.5	0.5	0.4
Tunisia	Tunis	23.0	20.8	19.5	13.2	13.1	61.5	50.9	51.9	4,208	5,528	4,764	2.6	3.1	2.2
Türkiye	Adana	25.1	34.1	30.7	9.8	9.7	50.4	48.2	51.2	210	339	389	0.4	0.6	0.6
Türkiye	Ankara	22.5	22.7	25.6	14.0	14.5	42.1	44.3	47.0	2,781	3,940	5,596	1.4	1.8	2.1
Türkiye	Bulancak	21.5	22.4	21.6	5.6	5.6	0.0	0.0	0.0	40	48	47	6.0	5.5	2.5
Türkiye	Bursa	29.2	29.9	28.1	15.1	15.7	42.5	45.4	44.6	2,322	4,422	3,652	2.6	3.7	1.9
Türkiye	Çarşamba	21.9	21.8	18.8	6.6	6.9	44.6	45.2	47.5	94	123	140	4.9	5.3	3.1
Türkiye	Ceyhan	25.5	33.2	30.7	9.0	8.4	52.1	49.9	52.6	141	110	165	41.0	24.0	27.0
Türkiye	Gaziantep	31.5	35.7	38.6	10.0	10.8	52.5	49.8	54.3	260	624	924	0.5	0.9	0.7
Türkiye	Giresun	21.2	23.0	22.4	6.6	7.1	0.0	0.0	0.0	86	135	160	2.5	2.8	1.9
Türkiye	Istanbul	25.0	25.9	20.6	20.5	21.1	41.7	43.2	42.2	9,849	14,433	19,092	0.9	1.2	1.3
Türkiye	Mersin	25.9	31.7	30.3	11.2	10.8	50.5	49.1	51.8	76	142	175	0.2	0.3	0.3

Table C.2: Continued

		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO2) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O3) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO2) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO2) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Türkiye	Ordu	19.4	21.3	19.6	7.2	7.3	45.2	44.5	47.7	104	172	198	1.7	2.3	1.5
Türkiye	Rize	22.3	24.8	23.6	7.4	7.7	46.4	45.5	48.8	82	125	139	2.9	3.4	2.5
Türkiye	Samsun	23.6	22.3	20.0	10.6	11.1	43.0	44.1	46.4	47	91	125	0.2	0.3	0.3
Türkiye	Tarsus	27.0	32.7	30.6	8.8	8.5	52.4	50.2	52.9	317	329	433	3.7	3.6	3.3
Türkiye	Terme	21.6	22.2	18.7	5.7	5.6	44.3	44.9	47.1	47	61	67	7.0	8.8	5.9
Türkiye	Trabzon	22.0	23.9	22.9	7.9	8.2	45.0	45.1	48.0	511	807	1,133	3.8	5.3	5.1
Turkmenistan	Ashgabat	33.0	32.4	29.7	14.7	15.5	48.1	40.5	47.0	3,290	5,013	5,458	6.1	6.5	4.9
Turkmenistan	Daşoguz	30.7	30.0	32.6	5.8	5.6	46.2	40.1	43.6	657	2,123	1,635	14.6	42.3	20.6
Turkmenistan	Mary	33.2	36.3	34.7	5.8	5.5	51.5	44.8	47.4	357	564	593	6.5	9.4	6.6
Turkmenistan	Tejen (Tedžen)	34.6	34.6	34.2	6.6	6.2	51.8	45.2	46.7	369	610	749	69.6	117.6	86.9
Turkmenistan	Türkmenabat	26.0	35.6	26.1	6.4	5.8	51.6	44.7	46.8	1,687	2,255	2,084	30.5	45.0	24.8
Uganda	Gulu	22.0	25.1	24.7	5.8	6.8	35.4	34.5	41.7	12	19	46	0.1	0.2	0.3
Ukraine	Kyiv (Kiev)	20.9	21.2	16.7	11.5	11.4	41.8	40.7	37.3	5,176	3,663	2,475	2.5	1.7	1.1
Ukraine	Lviv	21.3	22.3	14.7	11.9	11.1	42.3	39.3	38.2	743	542	307	1.3	1.0	0.6
Ukraine	Odesa	15.4	16.5	13.5	12.5	12.0	42.6	41.7	38.9	4,315	2,978	2,507	4.0	2.9	2.4
United Arab Emirates	Abu Zaby (Abu Dhabi)	65.2	60.9	56.4	8.9	8.4	60.8	47.9	53.6	453	859	903	13.2	19.0	14.4
United Arab Emirates	Al-Ain	48.4	50.7	46.9	6.7	6.7	63.7	51.5	54.0	503	1,140	1,202	11.9	16.3	12.3
United Arab Emirates	Dubayy (Dubai)	62.8	64.3	59.0	12.9	13.5	64.6	51.7	52.9	32,373	52,768	57,387	53.8	49.5	26.3
United Kingdom of Great Britain and Northern Ireland	Coventry-Bedworth	12.6	13.1	9.1	15.7	13.4	32.4	32.8	32.9	1,998	1,903	1,590	6.1	5.5	4.4
United Kingdom of Great Britain and Northern Ireland	Edinburgh	10.6	8.7	7.2	12.7	11.3	32.8	35.2	32.1	1,591	1,499	1,273	3.7	3.3	2.6
United Kingdom of Great Britain and Northern Ireland	Glasgow	9.2	9.2	7.5	14.9	12.9	26.9	24.5	30.7	3,648	3,393	2,661	4.0	3.6	2.8
United Kingdom of Great Britain and Northern Ireland	London	13.2	14.3	11.0	18.9	17.1	31.2	32.2	30.2	25,493	24,807	20,178	3.3	2.8	2.0
United Kingdom of Great Britain and Northern Ireland	Stoke-on-Trent (The Potteries)	14.4	13.9	9.6	16.0	13.5	29.6	31.0	34.4	1,047	961	753	3.6	3.2	2.4
United Republic of Tanzania	Arusha	12.2	22.4	21.8	7.6	9.2	25.2	26.9	37.8	39	59	166	0.1	0.1	0.2
United States of America	Albuquerque	6.8	5.7	6.2	13.5	13.5	58.5	52.1	52.4	1,388	1,242	1,262	4.7	3.6	3.0
United States of America	Atlanta	18.9	12.4	8.1	12.7	12.2	56.3	51.4	41.4	1,506	1,467	1,444	3.5	3.1	2.8
United States of America	Austin	10.0	8.8	7.6	9.8	10.2	49.5	42.0	39.1	3,270	3,049	3,145	5.1	3.6	2.8
United States of America	Charlotte	17.0	10.9	7.2	10.8	10.6	56.2	54.4	45.6	2,059	2,231	2,245	3.8	3.1	2.3
United States of America	Chicago	15.5	11.8	8.9	16.4	15.9	38.1	43.2	43.6	50,503	35,550	29,566	9.7	7.0	6.0
United States of America	Cleveland	16.0	11.5	7.6	12.6	11.4	44.6	46.2	39.3	10,472	8,205	6,549	11.3	9.6	8.3
United States of America	Columbia, South Carolina	16.5	10.8	6.8	10.0	9.5	56.2	47.7	38.4	375	395	384	4.9	4.3	3.5
United States of America	Dallas	12.0	9.3	8.2	12.6	12.5	52.9	45.4	42.2	14,415	14,032	14,017	5.5	4.6	3.9
United States of America	El Paso	9.5	7.9	8.7	11.3	11.1	55.1	47.0	49.9	2,862	2,741	2,437	7.1	5.8	4.4
United States of America	Houston	12.2	10.8	8.9	11.9	12.3	46.7	41.0	36.2	17,319	17,416	15,937	7.2	5.9	4.4
United States of America	Las Vegas	7.2	6.0	7.4	11.8	12.4	59.8	57.9	51.8	6,871	7,968	8,971	5.8	4.8	3.8
United States of America	Los Angeles-Long Beach-Santa Ana	17.1	12.9	13.7	19.7	17.5	43.1	50.1	52.2	66,578	58,195	58,918	5.7	4.8	4.6
United States of America	Miami	9.2	7.8	6.9	10.4	10.0	41.3	41.8	31.7	27,483	18,821	22,340	6.4	4.0	4.2
United States of America	Milwaukee	12.4	9.6	7.6	14.3	14.1	42.2	44.1	41.2	2,260	1,739	1,618	3.2	2.5	2.3
United States of America	Orlando	12.0	9.3	8.0	8.9	9.0	49.5	44.1	35.6	2,511	2,683	2,647	3.8	3.2	2.5
United States of America	Philadelphia	14.8	10.2	7.8	15.5	14.7	48.6	51.7	43.0	12,564	10,171	8,807	5.9	4.8	4.1
United States of America	Phoenix-Mesa	11.6	9.4	10.0	11.8	11.6	57.1	54.3	52.3	12,037	13,784	13,917	4.9	4.5	3.6
United States of America	Raleigh	14.7	10.3	6.9	10.6	10.5	53.0	50.4	41.9	1,778	2,013	2,132	5.0	3.9	2.9
United States of America	Sacramento	11.4	7.5	12.7	12.5	12.5	49.2	50.5	47.7	4,792	4,848	5,144	4.4	3.8	3.4
United States of America	San Antonio	10.4	8.8	8.3	10.5	10.7	44.8	40.4	39.0	2,176	2,575	2,822	2.0	1.9	1.7
United States of America	San Diego	14.0	10.5	12.3	14.7	14.0	44.9	45.2	46.8	6,921	8,304	8,610	4.4	4.8	4.5
United States of America	Savannah	14.6	10.0	7.1	9.8	9.3	53.2	45.5	35.0	4,538	2,438	2,076	75.8	35.7	26.7
United States of America	Seattle	10.0	5.7	6.3	13.0	12.5	35.8	30.6	36.4	5,782	5,475	5,198	4.7	3.9	3.3
United States of America	Toledo	15.4	10.3	7.3	12.6	11.4	46.9	47.3	44.7	2,570	2,301	1,838	13.0	12.0	9.9
United States of America	Wilmington	11.4	7.8	5.7	9.7	9.4	52.1	46.8	37.9	4,118	4,254	1,536	428.6	350.7	100.1
United States of America	Winston-Salem	16.9	11.0	7.5	10.3	10.0	55.4	51.4	42.6	1,349	1,325	1,255	8.6	7.3	6.1
Uruguay	Ciudad De La Costa	12.8	13.2	13.4	7.9	8.2	29.7	31.9	31.3	238	265	285	3.7	3.6	3.3
Uruguay	Montevideo	12.2	12.9	13.6	11.5	11.3	29.5	31.5	30.9	1,227	1,333	1,338	1.0	1.1	1.1
Uzbekistan	Andizhan	27.1	30.4	28.8	9.6	9.2	55.9	49.3	57.6	1,269	1,302	1,096	7.1	6.5	4.1
Uzbekistan	Bekobod	28.5	35.0	37.3	8.3	8.3	56.6	49.7	52.4	1,003	1,194	3,291	92.6	122.5	295.0
Uzbekistan	Buxoro (Bukhara)	34.8	41.7	36.7	8.8	8.3	51.8	45.1	46.0	1,054	962	659	19.0	15.8	8.1
Uzbekistan	Jizzax (Dzhizak)	28.5	35.9	40.5	8.1	7.5	55.6	48.7	49.4	729	742	530	10.3	11.6	5.2
Uzbekistan	Nukus	32.1	33.3	34.5	6.4	5.9	46.0	39.9	42.9	515	499	322	9.0	8.0	4.4
Uzbekistan	Qarshi (Karshi)	28.5	38.3	35.5	7.3	7.1	55.4	47.7	51.2	701	725	541	7.6	7.5	3.3
Uzbekistan	Qo'qon (Kokand)	29.9	36.2	35.7	9.4	9.0	55.4	48.7	53.5	525	522	455	5.4	6.0	3.6
Uzbekistan	Tashkent	39.6	45.7	46.5	17.2	16.3	53.6	47.6	49.6	21,490	21,354	14,791	10.7	10.1	6.0
Viet Nam	Hà Noi	30.7	48.8	37.2	14.2	15.7	36.0	44.5	44.8	1,703	3,206	3,200	0.5	0.7	0.6
Viet Nam	Nha Trang	17.4	17.9	18.1	5.0	5.5	29.9	31.0	28.8	126	216	208	0.5	0.7	0.6
Viet Nam	Thành Phố Ho Chi Minh (Ho Chi Minh City)	21.2	28.4	32.0	13.5	16.0	31.7	32.9	36.6	7,154	10,338	11,303	1.2	1.2	0.9
Viet Nam	Vinh Long	19.9	21.3	23.3	4.2	4.4	31.1	34.7	38.9	44	72	82	0.2	0.3	0.4
Yemen	Adan (Aden)	47.8	41.9	44.2	8.9	10.2	40.2	37.2	45.4	1,417	2,256	783	8.3	10.3	2.6
Yemen	Sana'a	37.7	34.1	34.4	15.5	17.3	45.7	40.7	50.5	92	139	59	0.1	0.1	0.0
Zambia	Chingola	20.4	29.3	24.7	4.4	4.6	42.5	44.0	45.3	20	16	51	0.3	0.2	0.5

		Annual Mean Levels of Fine Particulate Matter (PM2.5) (Population-Weighted) (Micrograms per Cubic Metre) ^b			Annual Average Levels of surface Level Nitrogen Dioxide (NO2) Concentrations (Population-Weighted) (Parts per Billion) ^c		The Highest Seasonal (6-Month) Average of 8-Hour Daily Maximum Ozone (O3) Concentrations (Parts per Billion) ^d			Total Carbon Dioxide (CO2) Emissions (Thousand Metric Tons) ^e			Carbon Dioxide (CO2) Emissions per Capita (Metric Tons) ^e		
		2000	2010	2020	2010	2020	2000	2010	2020	2000	2010	2020	2000	2010	2020
Zambia	Kitwe	21.1	29.3	23.8	5.7	6.3	41.7	43.0	44.9	43	34	122	0.2	0.1	0.3
Zambia	Lusaka	13.7	20.6	15.5	8.7	10.8	37.0	38.5	42.8	263	295	809	0.3	0.2	0.3
Zambia	Ndola	19.2	25.5	21.4	4.9	5.2	40.7	41.9	44.5	39	31	129	0.2	0.1	0.4
Zimbabwe	Bulawayo	12.7	16.4	11.0	6.1	6.4	36.2	37.0	42.7	576	217	262	1.3	0.5	0.6

Sources:

The George Washington University, Milken Institute School of Public Health, URL: <https://urbanairquality.online/>
 United Nations Human Settlement Programme (UN-Habitat), Global Urban Indicators Database 2024

Notes:

- (a) All published figures take into account city boundaries provided by UN-Habitat and comply with the DEGURBA definition produced by George Washington University.
- (b) The concentration levels were provided at a spatial resolution of 0.01° x 0.01°. The dataset combines measurements of aerosol optical depth from several satellites with output from the GEOS-Chem chemical transport model to generate estimated PM2.5.
 These estimates are thereafter calibrated to in-situ observations using geographically weighted regression.
- (c) The concentration levels were derived from a land use regression model with 50 m x 50 m spatial resolution. Original data are only available since 2005.
- (d) The concentration levels were provided at a spatial resolution of 0.01° x 0.01°. M3Fusion method has been used to create a multi-model composite of several global chemistry-climate models.
- (e) The Emission Database for Global Atmospheric Research (EDGAR) v8.0 provides sector-specific estimates of fossil fuel CO2 emissions annually at 0.1° x 0.1° spatial resolution.
 The emissions were summed for all available sectors (including power industry, other industrial combustion, buildings, transport, industrial processes, agriculture, and waste). The dataset is publicly available here: https://edgar.jrc.ec.europa.eu/dataset_ghg80.

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