

Annex 1

WHO STEPwise Data

The WHO STEPwise data has been used to capture the time spent walking and cycling for transport in Africa. The STEPwise approach to Surveillance (STEPS) of Non-Communicable Diseases is based on sequential levels of surveillance of different aspects of noncommunicable diseases. The data is collected using standardized questionnaires and protocols to ensure comparability over time and across locations. The approach emphasises that small amounts of good quality data are more valuable than large amounts of poor quality data.

The data contained in this report has been captured from the individual country reports submitted to the WHO. These are available in open access format online.

Countries	Number of minutes spent physically active for transport			Collection Year
	Men	Women	Both	
Algeria	95	58.57	83	2003
Benin	59.7	56.1	57.9	2015
Botswana	62.4	41.2	51.9	2014
Burkina Faso	68.3	62.2	65.1	2013
Côte d'Ivoire	51	51	51	2005
Egypt	55.5	27.4	37.6	2017
Ethiopia	40.3	30.9	36	2015
Kenya	59.9	45.4	52.6	2015
Liberia	46.6	38.5	42.5	2011
Malawi	57.3	37.3	47.3	2009
Mauritania	41.1	32.4	36.2	2006
Morocco	70.3	42.3	56.7	2017
Niger	118.8	166.8	141.6	2007
Rwanda	86.8	62.2	73.9	2012
Sierra Leone	24	26	25	2009
Sudan	49.3	27	39.2	2016
Tanzania	51.4	30	38.6	2012
Uganda	76.3	67.7	72.8	2014
Zambia	68.1	38	53.1	2017
Africa Average (19 countries)			55.89	
Global Average (55 countries)			49.3	

Annex 2

Road Fatalities Data

GBD 2019, which was used to illustrate the fatalities and injuries on African roads, incorporates data from 281 586 sources and provides more than 3.5 billion estimates of health outcome and health system measures of interest for global, national, and subnational policy dialogue. GBD is one of the two most influential and widely-used data sources for road traffic mortality, the other being regularly updated estimates from World Health Organization (WHO). All GBD estimates are publicly available and adhere to the Guidelines on Accurate and Transparent Health Estimate Reporting.

Countries	Estimated total road deaths per 100,000 (GBD 2019)	Estimated pedestrian death per 100,000 (GBD 2019)	Estimated cycling death per 100,000 (GBD 2019)	Combined walking and cycling deaths per 100,000	Estimated total road deaths per year (GBD 2019)	Estimated pedestrian deaths per year (GBD 2019)	% of road total road deaths estimated to be pedestrians (GBD 2019)	Estimated cyclists deaths per year (GBD 2019)	% of road deaths estimated to be cyclists (GBD 2019)	Estimated Pedestrian Deaths per day (GBD 2019)	Estimated Cyclists Deaths per day (GBD 2019)	Estimated Total Road Injuries per year (GBD 2019)	Estimated Pedestrian Injuries per year (GBD 2019)
Africa	Avg = 17.07	Avg = 6.85	Avg = 0.64	Avg = 7.5	Total = 264,526	Total = 95,401	Avg = 36%	Total = 6,414	Avg = 3%	Total = 261	Total = 18	Total = 25,908,698	Total = 9,868,727
Algeria	26,41	7,54	0,23	7,77	11 051	3 154	29%	95	1%	8,6410959	0,260274	926 741	271 479
Angola	30,7	11,84	0,35	12,19	9 252	3 569	39%	104	1%	9,7780822	0,2849315	525 266	193 048
Benin	15,69	4,88	0,66	5,54	1 937	618	32%	83	4%	1,6931507	0,2273973	284 643	85 853
Botswana	24,54	8,84	0,37	9,21	573	207	36%	9	2%	0,5671233	0,0246575	49 306	20 236
Burkina Faso	23,26	5,88	1,4	7,28	5 278	1 334	25%	318	6%	3,6547945	0,8712329	556 245	173 963
Burundi	15,98	6,72	0,85	7,57	1 907	802	42%	101	5%	2,1972603	0,2767123	276 549	102 769
Cabo Verde	8,29	3,63	0,44	4,07	46	21	46%	2	4%	0,0575342	0,0054795	15 249	5 722
Cameroon	22	2,61	0,72	3,33	6 401	761	12%	209	3%	2,0849315	0,5726027	868 012	191 274
Central African Republic	57,45	23,53	1,12	24,65	3 044	1 247	41%	59	2%	3,4164384	0,1616438	85 660	31 524
Chad	15,71	5,52	0,38	5,9	2 575	905	35%	62	2%	2,4794521	0,169863	322 693	120 065
Comoros	21,16	4,56	1,17	5,73	151	33	22%	5	3%	0,090411	0,0136986	31 712	9 145
Côte d'Ivoire	28,89	4,13	0,65	4,78	3 352	1 081	32%	111	3%	2,9616438	0,3041096	642 561	225 182
Democratic Republic of the Congo	12,8	13,53	0,24	13,77	29 542	11 860	40,0%	207	1%	32,493151	0,5671233	1 453 649	585 946
Djibouti	33,7	5,6	0,64	6,24	161	67	42%	8	5%	0,1835616	0,0219178	36 072	14 786
Egypt	13,4	11,67	0,41	12,08	29 490	11 564	39%	404	1%	31,682192	1,1068493	1 810 034	519 836
Equatorial Guinea	29,77	6,9	0,19	7,09	281	98	35%	3	1%	0,2684932	0,0082192	22 183	6 654
Eritrea	16,68	12,7	0,76	13,46	1 119	480	43%	51	5%	1,3150685	0,139726	172 372	73 154
Eswatini	19,83	7,15	0,54	7,69	397	145	37%	6	2%	0,3972603	0,0164384	20 654	8 423
Ethiopia	34,76	3,65	0,37	4,02	9 211	3 931	43%	399	4%	10,769863	1,0931507	1 798 043	615 250
Gabon	8,56	9,97	0,51	10,48	519	174	34%	9	2%	0,4767123	0,0246575	41 380	14 142
Gambia	29,66	3,86	0,35	4,21	258	87	34%	8	3%	0,2383562	0,0219178	43 919	16 054
Ghana	11,53	7,88	0,85	8,73	5 805	2 485	43%	267	5%	6,8082192	0,7315068	1 155 577	485 369

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Africa	Avg = 17.07	Avg = 6.85	Avg = 0.64	Avg = 7.5	Total = 264,526	Total = 95,401	Avg = 36%	Total = 6,414	Avg = 3%	Total = 261	Total = 18	Total = 25,908,698	Total = 9,868,727
Guinea	18,41	6,04	0,41	6,45	2 257	763	34%	60	3%	2,090411	0,1643836	313 245	114 129
Guinea-Bissau	17,86	7,31	0,74	8,05	456	139	30,0%	14	3%	0,3808219	0,0383562	58 156	22 644
Kenya	24,01	5,07	0,32	5,39	4 594	2 547	55%	161	4%	6,9780822	0,4410959	964 803	401 711
Lesotho	9,15	17,59	0,59	18,18	923	368	40,0%	12	1%	1,0082192	0,0328767	43 007	19 856
Liberia	44,15	3,51	0,33	3,84	503	168	33%	16	3%	0,460274	0,0438356	93 270	31 103
Libya	10,51	9,3	0,32	9,62	2 155	626	29%	21	1%	1,7150685	0,0575342	163 920	48 257
Madagascar	32	4,95	0,4	5,35	2 931	1 322	45%	108	4%	3,6219178	0,2958904	622 836	270 073
Malawi	10,98	4,78	0,5	5,28	2 077	881	42%	92	4%	2,4136986	0,2520548	327 520	131 373
Mali	11,26	4,08	0,31	4,39	2 757	894	32%	69	3%	2,4493151	0,1890411	410 722	144 852
Mauritania	12,58	5,14	0,44	5,58	835	206	25%	17	2%	0,5643836	0,0465753	130 020	44 457
Mauritius	20,81	3,56	0,56	4,12	164	45	27%	8	5%	0,1232877	0,0219178	41 265	6 927
Morocco	12,92	8,25	0,24	8,49	9 183	2 967	32%	87	1%	8,1287671	0,2383562	815 644	242 660
Mozambique	26	9,84	0,76	10,6	4 979	2 905	58%	225	5%	7,9589041	0,6164384	842 885	391 940
Namibia	16,86	9,31	0,37	9,68	574	224	39%	9	2%	0,6136986	0,0246575	50 184	20 944
Niger	23,92	3,49	0,35	3,84	2 784	812	29%	81	3%	2,2246575	0,2219178	371 866	126 714
Nigeria	11,19	2,45	0,28	2,73	18 507	5 269	28%	601	3%	14,435616	1,6465753	3 872 762	1 251 476
Republic of the Congo	8,62	10,57	0,28	10,85	29 542	11 860	40,0%	207	1%	32,493151	0,5671233	453 649	585 946
Rwanda	33,7	8,94	1,77	10,71	2 401	1 134	47%	224	9%	3,1068493	0,6136986	377 752	146 356
Sao Tome and Principe	13,93	3,19	0,33	3,52	21	7	33%	1	5%	0,0191781	0,0027397	5 217	1 832
Senegal	10,22	4,14	0,21	4,35	1 822	627	34%	32	2%	1,7178082	0,0876712	360 325	125 725
Seychelles	12,04	4,74	0,87	5,61	16	5	31%	1	6%	0,0136986	0,0027397	3 130	678
Sierra Leone	15,84	2,72	0,49	3,21	1 492	225	15%	41	3%	0,6164384	0,1123288	203 166	51 114
Somalia	18,02	6,63	0,98	7,61	3 475	1 349	39%	199,73	6%	3,6958904	0,5472055	388 028	159 448
South Africa	17,09	10,58	0,3	10,88	19 239	5 881	31%	164	1%	16,112329	0,4493151	1 219 959	465 377
South Sudan	34,61	5,33	0,36	5,69	991	495	50,0%	33	3%	1,3561644	0,090411	223 786	95 542
Sudan	10,91	4,22	0,28	4,5	7 349	1 720	23%	113	2%	4,7123288	0,309589	436 056	126 404
Tanzania	18,01	4,15	4,15	8,3	5 824	2 355	40,0%	304	5%	6,4520548	0,8328767	176 509	444 126
Togo	10,27	5,48	0,71	6,19	1 453	434	30,0%	56	4%	1,1890411	0,1534247	233 569	77 443
Tunisia	18,35	5,47	0,66	6,13	2 472	633	26%	76	3%	1,7342466	0,2082192	300 624	85 869
Uganda	21,37	4,67	1,29	5,96	5 563	1 922	35%	532	10,0%	5,2657534	1,4575342	805 284	277 696
Zambia	13,53	6,14	1,28	7,42	2 284	1 119	49%	233	10,0%	3,0657534	0,6383562	298 866	122 819
Zimbabwe	12,53	5,84	0,64	6,48	2 553	876	34%	96	4%	2,4	0,2630137	162 153	63 362

Annex 2.1

List of Countries that have signed and ratified the African Road Safety Charter

Adopted in January 2016, the 31-article Charter acts as a policy framework for road safety improvement in Africa. Among other policies, it requires state parties to strengthen pre-hospital and post-crash care services, address the needs of vulnerable road users, identify sustainable funding sources and develop sustainable and accurate national databases on road crashes. In order to enter into force, the charter must be ratified by 15 out of the 55-member countries. Data below as at 18/06/2020.

Total Countries:

54

Number of signatures:

12

Number of ratification:

2



Greyed out = not signed

Country	Date of signature	Date of ratification
Algeria	—	—
Angola	—	—
Benin	—	—
Botswana	—	—
Burkina Faso	17/01/2019	—
Burundi	—	—
Cameroon	—	—
Central African Rep.	02/10/2018 --	—
Cape Verde	—	—
Chad	01/07/2018 -	—
Côte d'Ivoire	—	—
Comoros	29/01/2018	—
Congo	—	—
Djibouti	—	—
Democratic Rep. of Congo	—	—
Egypt	—	—
Equatorial Guinea	—	—
Eritrea	—	—
Ethiopia	—	—
Eswatini	—	—
Gabon	—	—
Gambia	—	—
Ghana	04/07/2017 -	—
Guinea-Bissau	—	—
Guinea	13/12/2018	—
Kenya	—	—
Libya	—	—
Lesotho	—	—
Liberia	—	—
Madagascar	—	—
Mali	01/07/2018	06/04/2020
Malawi	—	—
Morocco	—	—
Mozambique	29/06/2018	—
Mauritania	29/06/2018	—
Mauritius	—	—
Namibia	—	25/01/2019
Nigeria	—	—
Niger	—	—
Rwanda	—	—
South Africa	—	—
Sahrawi Arab Democratic Republic	—	—
Senegal	—	—
Seychelles	—	—
Sierra Leone	14/07/2016 --	—
Somalia	—	—
South Sudan	—	—
Sao Tome & Principe	—	—
Sudan	—	—
Tanzania	—	—
Togo	02/04/2019 -	—
Tunisia	—	—
Uganda	—	—
Zambia	17/07/2016 -	—
Zimbabwe	—	—

Annex 3

Accessibility to Public Transport

The SDG 11.2.1 indicator is computed as share of population who live within a walking distance (along a street network) of 500m to a low capacity public transport system (eg bus, tram) and 1000m to high capacity public transport systems (trains, ferries, etc). Only public transport stops which are mapped are included in the analysis which may include both formal and informal stops. Many cities have an informal network which is not fully mapped and may thus record higher levels of access to public transport than reported. Data on public transport stops is sourced from city maps, OSM, GTFS, UITP, Google, and point mapping in some cities.

City/urban area used in the analysis has been generated using a classification approach based on the Urban Extent concept to city definition. As a result, the urban/city area used for the indicator computation in this data table may be larger or smaller than the official municipality boundaries.

Cities	Country	Region	Percentage Value
Luanda	Angola	Sub-Saharan Africa	10,67
Kandy	Benin	Sub-Saharan Africa	28,94
Djougou	Benin	Sub-Saharan Africa	24,5
Parakou	Benin	Sub-Saharan Africa	11,22
Natitingou	Benin	Sub-Saharan Africa	25,19
Kinshasa	Congo Dem. Rep.	Sub-Saharan Africa	17,42
Lubumbashi	Congo Dem. Rep.	Sub-Saharan Africa	4,56
Awassa	Ethiopia	Sub-Saharan Africa	38,54
Adama Nazreth	Ethiopia	Sub-Saharan Africa	26,12
BahirDar	Ethiopia	Sub-Saharan Africa	46,18
Addis Ababa	Ethiopia	Sub-Saharan Africa	31,54
Harar	Ethiopia	Sub-Saharan Africa	26,52
Dire Dawa	Ethiopia	Sub-Saharan Africa	24,47
Gondar	Ethiopia	Sub-Saharan Africa	29,18
Accra	Ghana	Sub-Saharan Africa	52,46
Kisumu	Kenya	Sub-Saharan Africa	27,63
Eldoret	Kenya	Sub-Saharan Africa	15,17
Nyeri	Kenya	Sub-Saharan Africa	23,91
Meru	Kenya	Sub-Saharan Africa	18,9
Malaba	Kenya	Sub-Saharan Africa	52,01
Nairobi	Kenya	Sub-Saharan Africa	58,03
Nakuru	Kenya	Sub-Saharan Africa	12,89
Amparafaravola	Madagascar	Sub-Saharan Africa	70,88
Antananarivo	Madagascar	Sub-Saharan Africa	53,64
Antsirabe	Madagascar	Sub-Saharan Africa	65,9
Antsiranana	Madagascar	Sub-Saharan Africa	48,34
Fianarantsoa	Madagascar	Sub-Saharan Africa	52,8
Mahajanga	Madagascar	Sub-Saharan Africa	46,54

Cities	Country	Region	Percentage Value
Marovoay	Madagascar	Sub-Saharan Africa	69,91
Toamasina	Madagascar	Sub-Saharan Africa	31,06
Toliara	Madagascar	Sub-Saharan Africa	54,84
Taolanaro	Madagascar	Sub-Saharan Africa	74,11
Blantyre	Malawi	Sub-Saharan Africa	15,38
Mzuzu	Malawi	Sub-Saharan Africa	21,4
Bamako	Mali	Sub-Saharan Africa	64,52
Alto Molocue	Mozambique	Sub-Saharan Africa	53,74
Beira	Mozambique	Sub-Saharan Africa	7,85
Gurue	Mozambique	Sub-Saharan Africa	31,63
Maxixe	Mozambique	Sub-Saharan Africa	35,68
Pemba	Mozambique	Sub-Saharan Africa	45,97
Mocuba	Mozambique	Sub-Saharan Africa	41,13
Manhica	Mozambique	Sub-Saharan Africa	49,45
Maputo	Mozambique	Sub-Saharan Africa	52,18
Nacala Porto	Mozambique	Sub-Saharan Africa	26,26
Nampula	Mozambique	Sub-Saharan Africa	10,37
Agadez	Niger	Sub-Saharan Africa	17,23
Dosso	Niger	Sub-Saharan Africa	9
Niamey	Niger	Sub-Saharan Africa	12,5
Maradi	Niger	Sub-Saharan Africa	16,3
Zinder	Niger	Sub-Saharan Africa	31,03
Ibadan	Nigeria	Sub-Saharan Africa	11,81
Lagos	Nigeria	Sub-Saharan Africa	38,11
Gombe	Nigeria	Sub-Saharan Africa	7,46
Oyo	Nigeria	Sub-Saharan Africa	20,7
Butare	Rwanda	Sub-Saharan Africa	28,89
Cyangugu	Rwanda	Sub-Saharan Africa	33,09
Gisenyi	Rwanda	Sub-Saharan Africa	12,8
Gitarama	Rwanda	Sub-Saharan Africa	28,85
Kayonza	Rwanda	Sub-Saharan Africa	26,93
Kigali	Rwanda	Sub-Saharan Africa	50,33
Nyanza	Rwanda	Sub-Saharan Africa	24,16
Ruhengeri	Rwanda	Sub-Saharan Africa	20,04
Dakar	Senegal	Sub-Saharan Africa	62,98
Kaolack	Senegal	Sub-Saharan Africa	20,68
Diorbel	Senegal	Sub-Saharan Africa	32,35
Louga	Senegal	Sub-Saharan Africa	38,7
MBour	Senegal	Sub-Saharan Africa	38,87
SaintLouis	Senegal	Sub-Saharan Africa	58,69
Touba	Senegal	Sub-Saharan Africa	15,91

Cities	Country	Region	Percentage Value
Ziguinchor	Senegal	Sub-Saharan Africa	22,39
Thies	Senegal	Sub-Saharan Africa	35,51
Johannesburg	South Africa	Sub-Saharan Africa	20,78
Port Elizabeth	South Africa	Sub-Saharan Africa	5,61
Arusha	Tanzania	Sub-Saharan Africa	21,7
Jinja	Uganda	Sub-Saharan Africa	11,51
Kampala	Uganda	Sub-Saharan Africa	48,66
Kasese	Uganda	Sub-Saharan Africa	21,49
ira	Uganda	Sub-Saharan Africa	11,18
Gulu	Uganda	Sub-Saharan Africa	14,74
Masaka	Uganda	Sub-Saharan Africa	8,43
Mbale	Uganda	Sub-Saharan Africa	11,6
Mbarara	Uganda	Sub-Saharan Africa	16,56
Ndola	Zambia	Sub-Saharan Africa	9,39
Batna	Algeria	Western Asia and Northern Africa	45,08
Blida	Algeria	Western Asia and Northern Africa	41,07
Annaba	Algeria	Western Asia and Northern Africa	15,38
Chlef	Algeria	Western Asia and Northern Africa	26,64
Algiers	Algeria	Western Asia and Northern Africa	47,99
Djelfa	Algeria	Western Asia and Northern Africa	25,06
Khemis Miliana	Algeria	Western Asia and Northern Africa	43,24
El Khroub	Algeria	Western Asia and Northern Africa	34,07
Oran	Algeria	Western Asia and Northern Africa	45
Mila	Algeria	Western Asia and Northern Africa	52,41
M'Sila	Algeria	Western Asia and Northern Africa	50,92
Tolga	Algeria	Western Asia and Northern Africa	45,29
Tamanrasset	Algeria	Western Asia and Northern Africa	32,23
Tebessa	Algeria	Western Asia and Northern Africa	15,32
Tiaret	Algeria	Western Asia and Northern Africa	38,42
Asyut	Egypt	Western Asia and Northern Africa	22,78
Al Zaqaziq	Egypt	Western Asia and Northern Africa	13,07
Al_Manshah	Egypt	Western Asia and Northern Africa	17,04
Al_Qhurdaqah	Egypt	Western Asia and Northern Africa	14,97
Alexandria	Egypt	Western Asia and Northern Africa	35,98
Cairo	Egypt	Western Asia and Northern Africa	21,24
Diyarb Najm	Egypt	Western Asia and Northern Africa	21,6
Port Said	Egypt	Western Asia and Northern Africa	27,78
Azrou	Morocco	Western Asia and Northern Africa	32,3
Aitemelloul	Morocco	Western Asia and Northern Africa	73,53
Casablanca. This includes Mohammedia town	Morocco	Western Asia and Northern Africa	66,48

Cities	Country	Region	Percentage Value
Fez	Morocco	Western Asia and Northern Africa	39,1
Fikh Ben Salah	Morocco	Western Asia and Northern Africa	52,1
Oujda	Morocco	Western Asia and Northern Africa	15,35
Oulad teima	Morocco	Western Asia and Northern Africa	35,71
Safi	Morocco	Western Asia and Northern Africa	62,11
Midelt	Morocco	Western Asia and Northern Africa	64,44
Maknes	Morocco	Western Asia and Northern Africa	31,6
Marrakesh	Morocco	Western Asia and Northern Africa	74,79
Tanger	Morocco	Western Asia and Northern Africa	70,76
Temara	Morocco	Western Asia and Northern Africa	34,57
Sefrou	Morocco	Western Asia and Northern Africa	29,98
Sidi slimane	Morocco	Western Asia and Northern Africa	36,99
Atbara	Sudan	Western Asia and Northern Africa	10,14
Bur Sudan	Sudan	Western Asia and Northern Africa	4,49
Al Qadarif	Sudan	Western Asia and Northern Africa	18,79
Kassala	Sudan	Western Asia and Northern Africa	6,86
Khartoum	Sudan	Western Asia and Northern Africa	18,42
Sannar	Sudan	Western Asia and Northern Africa	5,54
Sinjah	Sudan	Western Asia and Northern Africa	5,6
Wad Madani	Sudan	Western Asia and Northern Africa	10,54
Banzart	Tunisia	Western Asia and Northern Africa	16,06
Al_Qayrawan	Tunisia	Western Asia and Northern Africa	33,74
Qabis	Tunisia	Western Asia and Northern Africa	30,22
Safaqia	Tunisia	Western Asia and Northern Africa	17,19
Monastir	Tunisia	Western Asia and Northern Africa	35,25
Tozeur	Tunisia	Western Asia and Northern Africa	43,52
Tunis (includes At-Tadamun and Sukrah)	Tunisia	Western Asia and Northern Africa	48,49
Susah	Tunisia	Western Asia and Northern Africa	45,58

Annex 4

iRap Assessment data

The International Road Assessment Programme (iRAP) is a registered charity dedicated to saving lives by eliminating high risk roads throughout the world. Star Ratings are based on road inspection data and provide a simple and objective measure of the level of safety which is 'built-in' to the road for vehicle occupants, motorcyclists, bicyclists and pedestrians. The iRAP metrics have been adopted and used by national governments, state and local governments, development banks, mobility clubs and the private sector. They are recommended for use by the United Nations, World Health Organisation, FIA Foundation and other leading institutions.

Five-star roads are the safest while one-star roads are the least safe.

 Greyed out = no data available

Countries	KM of network evaluated (Walking) IRAP	KM of network 3* or above (Walking) IRAP	KM of network evaluated (Cycling) IRAP	KM of network 3* or above (Cycling) IRAP
Algeria	—	—	—	—
Angola	—	—	—	—
Benin	—	—	—	—
Botswana	—	—	—	—
Burkina Faso	—	—	—	—
Burundi	—	—	—	—
Cabo Verde	—	—	—	—
Cameroon	—	—	—	—
Central African Republic	—	—	—	—
Chad	—	—	—	—
Comoros	—	—	—	—
Côte d'Ivoire	21	1	1,1	0
Democratic Republic of the Congo	—	—	—	—
Djibouti	—	—	—	—
Egypt	17	1	—	—
Equatorial Guinea	—	—	—	—
Eritrea	—	—	—	—
Eswatini	—	—	—	—
Ethiopia	135	17	—	—
Gabon	—	—	—	—
Gambia	—	—	—	—
Ghana	77	54	—	—
Guinea	—	—	—	—
Guinea-Bissau	—	—	—	—
Kenya	960	29	—	—
Lesotho	—	—	—	—
Liberia	—	—	—	—
Libya	—	—	—	—
Madagascar	—	—	—	—
Malawi	—	—	—	—
Mali	—	—	—	—

Countries	KM of network evaluated (Walking) IRAP	KM of network 3* or above (Walking) IRAP	KM of network evaluated (Cycling) IRAP	KM of network 3* or above (Cycling) IRAP
Mauritania	—	—	—	—
Mauritius	—	—	—	—
Morocco	—	—	—	—
Mozambique	—	—	—	—
Namibia	—	—	—	—
Niger	—	—	—	—
Nigeria	—	—	—	—
Republic of the Congo	—	—	—	—
Rwanda	—	—	—	—
Sao Tome and Principe	—	—	—	—
Senegal	165	85	165	85
Seychelles	—	—	—	—
Sierra Leone	—	—	—	—
Somalia	—	—	—	—
South Africa	3410	56	1160	56
South Sudan	—	—	—	—
Sudan	—	—	—	—
Tanzania	2243	71	1162	71
Togo	—	—	—	—
Tunisia	—	—	—	—
Uganda	1720	77	1720	77
Zambia	—	—	—	—
Zimbabwe	—	—	—	—
AFRICA	8748	391	4208	289

Annex 5

Africa in Context

Measure	Variable	Global number	%	Africa number	%
Countries by Income	High income	71	34%	2	3.7%
	Upper middle income	57	27%	6	11.1%
	Lower middle income	50	24%	23	42.6%
	Low income	29	14%	23	42.6%
	Don't know	1			
	Total countries	208		54	
Population	2019	7,214,188,220		1,000,132,770	
	2020	7,272,580,625		1,017,932,080	
Walking and Cycling Policy	Countries having a W&C Policy	103	50%	19	35%
	Don't know	17		0	
	Countries with data	207		54	
W&C policy by income	High income	45	63%	1	50%
	Upper middle income	27	47%	3	50%
	Lower middle income	23	46%	8	35%
	Low income	8	27%	7	30%
	Countries with data	103	50%	19	35%
Accessibility (UN Habitat)	Average		59.5%		31.7%
	Highest	Portugal	98.71	Morocco	66.48
	Lowest	Saudia Arabia	8.63	Zambia	9.39
	Countries with data	106	51%	23	43%
Activity (WHO STEPS)	Average	43m 59s		55m 42s	
	Highest	141	Niger	141	Niger
	Lowest	4.9	Timor-leste	25	Sierra Leone
	Countries with data	55	26%	19	35%
Road Deaths 2019 (GBD)	Road fatalities per 100.000	14.86		18.80	
	Road deaths per day average	14.53		12.00	
	Pedestrian fatalities per 100.000 average	4.82		6.72	
	Pedestrian deaths per day average	5.00		4.26	
	Pedestrian deaths per day total	24.98		4.26	
	% of pedestrian deaths of road deaths	30%		36%	
	Highest Road fatalities	59.65	Saudi Arabia	44.15	Lesotho
	Lowest road fatalities	2.97	Singapore	8.29	Cabo Verde
	Highest Pedestrian fatalities	23.53	Central African Republic	23.53	Central African Republic
	Lowest Pedestrian fatalities	0.51	Iceland	2.45	Nigeria
	Countries with data	204	98%	54	
Comfort (IRAP)	Highest average STAR standard			Senegal	
	Lowest average STAR standard			South Africa	
	Countries with data	45	21%	9	16%

Annex 6

Likert Data

The ratings below have been determined through analysis conducted by the Walk21 Foundation.

Countries	Activity	Road Safety	Public Transport Accessibility	Comfort	Policy Likert
	(1=0-28; 2=29-55; 3=56; 4=57-84; 5=85+)	(1=11.3+; 2=7.6-11.2; 3=7.5; 4=3.8-7.4; 5=0-3.7)	(1=0-17; 2= 18 -35; 3=36%; 4=37-58; 5= 59+)	(1= 0-20%; 2= 21- 41%; 3= 42-52%; 4=53-73; 5= 74+)	(1= some steps; 2 = weak; 3 = some level; 4 = strong; 5 = excellent)
Africa	COUNT TOTAL = 19 (33%)	COUNT TOTAL = 57 (100%)	COUNT TOTAL = 23 (40%)	COUNT TOTAL = 9 (16%)	COUNT TOTAL = 21 (37%)
Algeria	4	2	4	—	—
Angola	—	1	1	—	—
Benin	4	4	1	—	—
Botswana	2	2	—	—	2
Burkina Faso	4	2	—	—	—
Burundi	—	3	—	—	—
Cabo Verde	—	4	—	—	—
Cameroon	—	5	—	—	—
Central African Republic	—	1	—	—	—
Chad	—	4	—	—	—
Comoros	—	4	—	—	—
Côte d'Ivoire	2	4	—	1	2
Democratic Republic of the Congo	—	1	1	—	—
Djibouti	—	4	—	—	—
Egypt	2	1	2	1	2
Equatorial Guinea	—	4	—	—	—
Eritrea	—	1	—	—	—
Eswatini	—	2	—	—	—
Ethiopia	2	4	2	1	5
Gabon	—	—	—	—	—
Gambia	—	—	—	—	2
Ghana	—	2	4	1	3
Guinea	—	4	—	—	—
Guinea-Bissau	—	2	—	—	—
Kenya	2	4	4	1	4
Lesotho	2	1	—	—	—
Liberia	—	4	—	—	—
Libya	—	2	—	—	—
Madagascar	—	4	4	—	2
Malawi	2	4	1	—	2
Mali	—	4	5	—	—
Mauritania	2	4	—	—	2

Countries	Activity	Road Safety	Public Transport Accessibility	Comfort	Policy Likert
Mauritius	—	4	—	—	—
Morocco	4	2	5	—	2
Mozambique	—	2	4	—	—
Namibia	—	2	—	—	4
Niger	5	4	1	—	—
Nigeria	—	5	4	—	3
Republic of the Congo	—	2	—	—	—
Rwanda	4	2	4	—	2
Sao Tome and Principe	—	4	—	—	—
Senegal	—	4	5	3	—
Seychelles	—	4	—	—	2
Sierra Leone	1	5	—	—	2
Somalia	—	2	—	—	—
South Africa	—	2	2	1	3
South Sudan	—	4	—	—	2
Sudan	2	4	2	—	—
Tanzania	2	2	2	1	2
Togo	—	4	—	—	—
Tunisia	—	4	4	—	—
Uganda	4	4	4	1	4
Zambia	2	4	1	—	4
Zimbabwe	—	4	—	—	—

 Greyed out = no data available

Annex 7

Design standards for the safety of pedestrians and cyclists

The WHO Global Status Report on Road Safety 2018 includes country factsheets on design standards for the safety of pedestrians and cyclists. The status is reported as “Yes”, “No”, or “Partial”. “Yes” responses include the provision of the following:

- Managing speed to safe system outcomes (e.g. 20 mph or 30 km/h)
- Safe crossings for pedestrians and cyclists
- Separation of pedestrians and cyclists from vehicular traffic

If 1-2 of the provisions were met, responses are reflected as “Partial”.

Countries	Design standards for the safety of pedestrians / cyclists
Algeria	n.a.
Angola	partial
Benin	partial
Botswana	yes
Burkina Faso	yes
Burundi	no
Cabo Verde	partial
Cameroon	partial
Central African Republic	partial
Chad	yes
Comoros	no
Côte d'Ivoire	partial
Democratic Republic of the Congo	partial
Djibouti	n.a.
Egypt	partial
Equatorial Guinea	no
Eritrea	yes
Eswatini	partial
Ethiopia	partial
Gabon	no
Gambia	partial
Ghana	yes
Guinea	no
Guinea-Bissau	no
Kenya	partial
Lesotho	no
Liberia	partial
Libya	partial
Madagascar	partial
Malawi	yes
Mali	partial
Mauritania	no
Mauritius	partial
Morocco	no
Mozambique	partial
Namibia	partial
Niger	yes
Nigeria	partial
Republic of the Congo	partial
Rwanda	yes
Sao Tome and Principe	partial
Senegal	no
Seychelles	yes
Sierra Leone	n.a.
Somalia	no
South Africa	partial
South Sudan	partial
Sudan	partial
Tanzania	partial
Togo	partial
Tunisia	partial
Uganda	partial
Zambia	n.a.
Zimbabwe	partial