

Summary Report on Kenya's Population Projections

Background

The 2019 Kenya Population and Housing Census was conducted in the midnight of 24th/25th August as the reference point. It was conducted under the provisions of the Constitution of Kenya, 2010 (Fourth Schedule Part 1, Item 11), the Statistics (Amendment) Act, 2019 and the Statistics (Census of Population) Order, 2018 - Legal Notice No. 205 and the Cabinet Memorandum of May 2017 on the implementation of the 2019 population and housing census process. The theme for the census was *"Counting Our People for Sustainable Development and Devolution of Services"*.

Uses of Population Projections

There are four distinct areas in which population projections are a necessary input:

1. **Distribution of resources** - national and county planners all need, for various purposes, to have some idea of likely future changes in size, composition and distribution of the population in their respective areas.
2. **Advocacy** – especially where there is a negative impact of a particular phenomenon on population or vice versa.
3. **Research** - Researchers frequently use projections to try to answer questions that relate to future economic and social development.
4. **Monitoring and evaluation** - population projections become an important input for programmes not only during target setting, but also for monitoring and evaluation, especially at impact level.
5. **Private sector** – population projections are a critical input in driving production and consumption although use of such projections by the private sector remains minimal in Kenya.

Population Projections

Populations is expected to increase throughout the projection period. Six top counties expected to experience the highest percentage of population are Samburu, Tana River, Narok, Lamu, Wajir and Turkana. In terms of numbers, Nairobi City, Kiambu, Nakuru, Narok and Kakamega counties are expected to have the highest increase. The table below presents Population Projections by County from 2020 to 2045.

Population Projections by County, 2020-2045

County	2020	2021	2022	2023	2024	2025	2030	2035	2040	2045
Kenya	48,817,537	49,720,225	50,622,914	51,525,602	52,428,290	53,330,978	57,811,161	62,164,808	66,306,796	70,179,943
Mombasa	1,228,079	1,256,006	1,283,933	1,311,860	1,339,787	1,367,714	1,504,530	1,635,074	1,757,673	1,872,463
Kwale	879,076	900,872	922,668	944,464	966,260	988,056	1,112,022	1,246,928	1,385,948	1,524,725
Kilifi	1,488,572	1,518,160	1,547,747	1,577,335	1,606,922	1,636,510	1,785,800	1,933,624	2,077,150	2,214,483
Tana River	325,873	334,765	343,657	352,549	361,440	370,332	420,374	475,138	532,615	590,644
Lamu	154,774	158,960	163,146	167,332	171,519	175,705	198,455	222,752	247,918	273,139
Taita Taveta	350,614	355,073	359,531	363,990	368,448	372,907	394,539	416,076	437,287	457,173
Garissa	861,201	883,144	905,087	927,031	948,974	970,917	1,075,926	1,175,079	1,267,672	1,353,654
Wajir	803,882	826,133	848,385	870,636	892,887	915,139	1,037,827	1,164,812	1,289,502	1,407,640
Mandera	887,280	911,265	935,251	959,236	983,222	1,007,207	1,139,779	1,276,744	1,411,270	1,541,077
Marsabit	479,579	491,483	503,388	515,292	527,197	539,101	604,075	670,479	734,375	793,445
Isiolo	294,104	301,382	308,659	315,937	323,215	330,492	368,938	408,630	448,487	487,378
Meru	1,565,421	1,585,608	1,605,795	1,625,982	1,646,169	1,666,357	1,765,151	1,859,343	1,946,218	2,024,342
Tharaka-Nithi	403,102	407,529	411,956	416,383	420,811	425,238	445,537	464,028	480,668	495,767
Embu	628,527	635,160	641,792	648,425	655,057	661,690	692,132	719,716	744,452	766,431
Kitui	1,186,046	1,200,627	1,215,209	1,229,790	1,244,372	1,258,953	1,327,464	1,390,005	1,446,285	1,494,475
Machakos	1,441,719	1,457,065	1,472,411	1,487,758	1,503,104	1,518,450	1,584,422	1,641,690	1,690,853	1,732,802
Makueni	1,007,527	1,019,118	1,030,709	1,042,300	1,053,891	1,065,482	1,121,214	1,174,901	1,225,448	1,271,110
Nyandarua	657,159	669,950	682,740	695,531	708,321	721,112	783,354	842,273	897,238	948,517
Nyeri	809,599	818,202	826,805	835,408	844,011	852,614	894,578	933,388	969,207	1,002,143
Kirinyaga	637,139	642,463	647,788	653,112	658,436	663,760	690,207	715,457	738,800	759,772
Murang'a	1,076,540	1,088,456	1,100,372	1,112,288	1,124,204	1,136,120	1,193,960	1,248,813	1,299,390	1,345,265
Kiambu	2,500,990	2,551,620	2,602,250	2,652,880	2,703,510	2,754,139	3,006,176	3,250,669	3,487,491	3,717,358
Turkana	946,464	971,900	997,337	1,022,773	1,048,210	1,073,646	1,216,202	1,364,902	1,511,677	1,652,023
West Pokot	631,122	646,190	661,258	676,326	691,394	706,462	791,958	882,553	973,370	1,061,255
Samburu	320,308	329,638	338,968	348,298	357,628	366,958	419,849	476,273	533,272	588,833
Trans-Nzoia	1,010,265	1,029,856	1,049,448	1,069,039	1,088,630	1,108,221	1,198,602	1,283,065	1,362,351	1,435,567
Uasin-Gishu	1,183,030	1,207,797	1,232,564	1,257,330	1,282,097	1,306,864	1,428,167	1,545,995	1,659,270	1,765,591
Elgeyo-Marakwet	474,419	481,359	488,299	495,239	502,179	509,119	541,933	572,433	599,559	622,588
Nandi	905,629	920,906	936,183	951,460	966,737	982,014	1,054,270	1,121,556	1,183,280	1,238,770
Baringo	686,717	702,256	717,794	733,333	748,872	764,411	840,367	911,115	974,481	1,029,990
Laikipia	528,509	539,414	550,318	561,223	572,128	583,033	639,451	695,738	750,258	801,993
Nakuru	2,201,828	2,250,502	2,299,175	2,347,849	2,396,522	2,445,196	2,689,907	2,928,650	3,156,425	3,371,874
Narok	1,177,718	1,213,213	1,248,708	1,284,204	1,319,699	1,355,194	1,546,071	1,739,888	1,928,875	2,109,584
Kajiado	1,178,759	1,208,593	1,238,427	1,268,261	1,298,095	1,327,929	1,475,089	1,619,210	1,759,061	1,893,834
Kericho	917,217	929,777	942,337	954,896	967,456	980,016	1,037,078	1,089,354	1,136,611	1,178,485
Bomet	901,539	914,280	927,020	939,761	952,502	965,243	1,021,371	1,071,948	1,116,874	1,155,747
Kakamega	1,897,240	1,932,305	1,967,370	2,002,435	2,037,500	2,072,565	2,237,189	2,389,148	2,528,257	2,654,106
Vihiga	609,926	615,206	620,485	625,765	631,045	636,325	660,333	681,333	700,034	716,355
Bungoma	1,700,411	1,729,265	1,758,119	1,786,973	1,815,827	1,844,681	1,969,526	2,080,052	2,178,467	2,264,762
Busia	913,595	931,984	950,374	968,763	987,152	1,005,542	1,095,354	1,180,523	1,259,694	1,331,867
Siaya	1,002,932	1,021,774	1,040,616	1,059,458	1,078,299	1,097,141	1,195,671	1,294,119	1,388,535	1,477,983
Kisumu	1,186,160	1,206,931	1,227,702	1,248,474	1,269,245	1,290,016	1,389,489	1,484,366	1,574,178	1,658,052
Homa-Bay	1,161,873	1,185,135	1,208,397	1,231,659	1,254,921	1,278,183	1,401,509	1,525,655	1,644,756	1,756,134
Migori	1,147,197	1,176,159	1,205,120	1,234,082	1,263,044	1,292,006	1,444,465	1,599,862	1,753,828	1,903,551
Kisii	1,306,711	1,319,443	1,332,175	1,344,907	1,357,639	1,370,372	1,423,487	1,467,698	1,504,367	1,535,009
Nyamira	645,541	649,528	653,515	657,502	661,490	665,477	682,625	697,815	711,050	722,141
Nairobi	4,515,607	4,593,757	4,671,906	4,750,056	4,828,205	4,906,355	5,264,721	5,595,922	5,902,303	6,180,029

Sectoral Population Projections

Sectoral Population Projections include school-age population, labour force and households are included in this monograph. Sectoral projections are essential for planning processes.

Kenya's School-age Population

School-age population projections corresponded to both the CBC and 8-4-4 educational systems. CBC: pre-school - population age 4-5 years; lower primary - population age 6-11 years; junior secondary - population age

12-14 years; and senior secondary - population age 15-17 years. The population for the 8-4-4 educational system: pre-school - population age 3-5 years; primary - population age 6-13 years; and secondary - population age 14-17 years. The projected school-age population at national level is depicted in Table below.

Kenya School-age Population Projection, 2020-2035

Age	Sex	2020	2021	2022	2023	2024	2025	2030	2035
4-5	Male	1,224,397	1,228,715	1,233,033	1,237,352	1,241,670	1,245,988	1,261,452	1,269,236
	Female	1,239,442	1,244,431	1,249,419	1,254,408	1,259,397	1,264,386	1,271,322	1,279,076
	Total	2,463,839	2,473,146	2,482,453	2,491,760	2,501,067	2,510,374	2,532,774	2,548,312
6-11	Male	3,558,000	3,572,919	3,587,839	3,602,758	3,617,678	3,632,597	3,695,929	3,739,513
	Female	3,610,676	3,636,318	3,661,960	3,687,602	3,713,243	3,738,885	3,791,750	3,816,821
	Total	7,168,676	7,209,237	7,249,799	7,290,360	7,330,921	7,371,482	7,487,679	7,556,335
12-14	Male	1,708,658	1,718,457	1,728,255	1,738,054	1,747,853	1,757,652	1,795,614	1,827,271
	Female	1,733,369	1,746,908	1,760,448	1,773,988	1,787,527	1,801,067	1,869,753	1,887,050
	Total	3,442,027	3,465,365	3,488,703	3,512,042	3,535,380	3,558,718	3,665,367	3,714,321
15-17	Male	1,639,904	1,654,859	1,669,813	1,684,768	1,699,723	1,714,677	1,755,257	1,791,670
	Female	1,653,539	1,674,062	1,694,585	1,715,109	1,735,632	1,756,155	1,815,774	1,874,116
	Total	3,293,443	3,328,921	3,364,399	3,399,877	3,435,354	3,470,832	3,571,031	3,665,786
3-5	Male	1,844,125	1,850,453	1,856,781	1,863,109	1,869,437	1,875,765	1,897,682	1,908,029
	Female	1,866,084	1,872,202	1,878,320	1,884,439	1,890,557	1,896,675	1,908,548	1,918,987
	Total	3,710,209	3,722,655	3,735,102	3,747,548	3,759,994	3,772,440	3,806,230	3,827,016
6-13	Male	4,704,744	4,725,624	4,746,503	4,767,382	4,788,261	4,809,140	4,897,489	4,961,650
	Female	4,775,126	4,809,018	4,842,910	4,876,802	4,910,694	4,944,586	5,044,250	5,076,292
	Total	9,479,870	9,534,641	9,589,413	9,644,184	9,698,955	9,753,726	9,941,739	10,037,941
14-17	Male	2,201,818	2,220,611	2,239,405	2,258,199	2,276,992	2,295,786	2,349,310	2,396,804
	Female	2,222,458	2,248,271	2,274,083	2,299,896	2,325,708	2,351,520	2,433,028	2,501,696
	Total	4,424,276	4,468,882	4,513,488	4,558,094	4,602,700	4,647,307	4,782,338	4,898,500

Labour Force Projections

The population in the labour force (age 15-64 years) is expected to increase by 40.7 percent from 28.8 million in 2020 to 40.5 million by 2035.

Population in the Labour Force, age 15-64 by County, 2020-2035

County	2020	2021	2022	2023	2024	2025	2030	2035
Kenya	28,757,063	29,551,483	30,345,904	31,140,324	31,934,744	32,729,164	36,651,446	40,454,579
Mombasa	778,828	801,281	823,734	846,187	868,640	891,093	1,002,681	1,107,902
Kwale	456,283	474,892	493,501	512,109	530,718	549,327	644,833	740,170
Kilifi	875,879	897,300	918,722	940,143	961,564	982,986	1,087,484	1,196,763
Tana River	160,063	166,615	173,166	179,718	186,269	192,821	230,517	269,992
Lamu	84,924	88,358	91,792	95,226	98,660	102,094	120,723	139,927
Taita Taveta	212,661	216,233	219,805	223,376	226,948	230,520	248,287	267,244
Garissa	477,499	493,881	510,263	526,644	543,026	559,408	642,986	729,884
Wajir	413,380	433,094	452,808	472,522	492,236	511,950	613,642	712,746
Mandera	451,534	472,967	494,400	515,833	537,266	558,699	666,049	770,251
Marsabit	245,206	255,582	265,958	276,334	286,710	297,086	348,195	396,943
Isiolo	157,574	163,581	169,588	175,596	181,603	187,610	219,102	250,713
Meru	938,088	958,720	979,351	999,983	1,020,614	1,041,246	1,138,647	1,229,860
Tharaka-Nithi	248,072	251,925	255,777	259,630	263,483	267,336	286,141	304,602
Embu	391,721	398,040	404,359	410,678	416,997	423,316	451,367	477,607
Kitui	681,643	697,205	712,766	728,328	743,889	759,451	836,438	906,127
Machakos	923,638	937,703	951,768	965,833	979,898	993,963	1,060,046	1,119,466
Makueni	609,839	622,026	634,212	646,399	658,585	670,772	734,344	791,528
Nyandarua	404,353	414,633	424,913	435,192	445,472	455,752	503,354	547,909
Nyeri	504,244	512,167	520,090	528,014	535,937	543,860	579,496	612,885
Kirinyaga	403,743	409,318	414,894	420,469	426,044	431,619	455,938	479,551
Murang'a	655,190	667,387	679,584	691,781	703,978	716,175	769,845	824,054
Kiambu	1,545,786	1,586,607	1,627,429	1,668,250	1,709,072	1,749,893	1,961,059	2,173,046
Turkana	488,676	510,710	532,744	554,778	576,812	598,846	709,538	818,604
West Pokot	324,782	338,383	351,983	365,584	379,184	392,785	463,555	532,212
Samburu	155,541	163,053	170,566	178,078	185,590	193,103	233,701	273,083
Trans-Nzoia	591,916	610,190	628,465	646,739	665,014	683,288	773,432	865,044
Uasin-Gishu	719,831	743,215	766,598	789,982	813,365	836,749	953,203	1,068,451
Elgeyo-Marakwet	261,252	268,845	276,438	284,032	291,625	299,218	334,737	369,998
Nandi	547,408	562,013	576,618	591,223	605,828	620,433	689,301	753,519
Baringo	367,201	379,871	392,541	405,210	417,880	430,550	494,149	556,708
Laikipia	298,967	308,606	318,245	327,884	337,522	347,161	393,804	439,804
Nakuru	1,329,785	1,372,425	1,415,065	1,457,705	1,500,345	1,542,984	1,747,690	1,945,761
Narok	594,070	625,134	656,198	687,262	718,326	749,390	902,634	1,059,834
Kajiado	716,430	741,677	766,924	792,171	817,418	842,665	969,554	1,094,434
Kericho	553,163	566,025	578,887	591,749	604,611	617,473	679,057	741,076
Bomet	521,019	534,627	548,235	561,842	575,450	589,058	654,418	715,742
Kakamega	1,097,667	1,126,454	1,155,241	1,184,028	1,212,815	1,241,602	1,384,338	1,534,043
Vihiga	350,545	355,329	360,113	364,896	369,680	374,464	399,516	428,218
Bungoma	1,032,771	1,057,719	1,082,668	1,107,616	1,132,565	1,157,513	1,278,150	1,395,105
Busia	502,966	518,836	534,707	550,577	566,447	582,317	660,301	742,547
Siaya	553,860	570,797	587,733	604,670	621,607	638,543	726,326	814,347
Kisumu	709,020	727,779	746,539	765,298	784,058	802,817	896,411	993,386
Homa-Bay	617,678	639,992	662,306	684,619	706,933	729,247	840,403	948,089
Migori	610,256	634,286	658,316	682,347	706,377	730,407	854,386	982,899
Kisii	814,275	825,905	837,534	849,164	860,794	872,423	923,180	976,116
Nyamira	397,180	401,227	405,274	409,321	413,368	417,415	438,367	461,106
Nairobi	2,980,645	3,048,861	3,117,077	3,185,293	3,253,509	3,321,725	3,650,111	3,895,279

Households Projections

Data on Household projections show that by 2030, there will be approximately 15.9 million households. Nairobi City, which is entirely urban, will require nearly 2 million houses to host its population by 2030.

Projected Number of Households by County, 2020-2030

County	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Mombasa	364,949	380,345	395,637	410,826	425,913	440,899	456,098	471,251	486,362	501,433	516,469
Kwale	169,224	174,894	180,549	186,191	191,820	197,435	204,866	212,275	219,663	227,031	234,379
Kilifi	377,236	388,923	400,729	412,656	424,706	436,881	450,595	464,440	478,422	492,540	506,799
Tana River	68,470	70,958	73,456	75,963	78,480	81,007	84,308	87,624	90,957	94,306	97,673
Lamu	36,007	37,690	39,382	41,084	42,797	44,519	46,542	48,576	50,619	52,673	54,737
Taita-Taveta	105,058	106,665	108,282	109,910	111,549	113,199	115,143	117,099	119,066	121,044	123,035
Garissa	166,049	171,757	177,366	182,877	188,293	193,616	199,693	205,656	211,508	217,250	222,886
Wajir	132,479	139,768	146,970	154,087	161,124	168,081	176,165	184,119	191,945	199,648	207,230
Mandera	141,069	150,450	159,867	169,326	178,834	188,396	198,500	208,527	218,485	228,378	238,212
Marsabit	79,026	82,252	85,438	88,587	91,699	94,775	98,534	102,249	105,352	109,553	113,143
Isiolo	59,535	61,334	63,089	64,800	66,469	68,096	70,145	72,149	74,110	83,320	77,902
Meru	436,413	447,468	458,570	469,721	480,927	492,189	504,822	517,511	530,259	543,070	555,948
Tharaka-Nithi	116,578	118,520	120,454	122,499	124,419	126,331	128,407	130,477	132,539	134,595	136,644
Embu	190,892	194,481	198,084	201,703	205,338	208,991	212,943	216,914	220,905	224,916	228,950
Kitui	267,081	271,230	275,267	279,192	283,008	286,716	291,487	296,170	300,767	305,280	309,710
Machakos	414,275	421,640	428,953	436,215	443,426	450,589	457,850	465,088	472,306	479,504	486,684
Makueni	249,686	253,376	256,993	260,537	264,010	267,414	271,517	275,554	279,526	283,436	287,283
Nyandarua	185,190	190,459	195,694	200,896	206,064	211,201	216,761	222,294	227,799	233,277	238,729
Nyeri	264,235	267,621	270,994	274,357	277,710	281,054	284,903	288,743	292,573	296,396	300,210
Kirinyaga	211,111	214,105	217,106	220,116	223,133	226,159	229,734	233,328	236,942	240,577	244,233
Murang'a	375,922	380,918	385,859	390,746	395,580	400,361	405,485	410,554	415,569	420,530	425,439
Kiambu	920,811	950,651	980,513	1,010,409	1,040,350	1,070,348	1,103,395	1,136,702	1,170,286	1,204,165	1,238,359
Turkana	202,219	209,262	216,026	222,519	228,750	234,726	241,743	248,533	255,105	261,462	267,612
West Pokot	165,112	171,965	178,780	185,559	192,301	199,006	206,466	213,888	221,273	228,619	235,928
Samburu	85,765	89,522	93,262	96,986	100,694	104,388	108,467	112,504	116,501	120,460	124,381
Trans Nzoia	244,346	253,006	261,589	270,096	278,528	286,886	296,143	305,332	314,453	323,508	332,498
Uasin Gishu	318,440	331,206	343,924	356,596	369,223	381,808	395,647	409,453	423,228	436,974	450,693
Elgeyo-Marakwe	105,619	107,724	109,794	111,829	113,830	115,797	118,284	120,733	123,144	125,519	127,856
Nandi	210,352	216,798	223,193	229,539	235,835	242,083	249,174	256,247	263,302	280,543	277,362
Baringo	143,061	148,569	154,016	159,403	164,731	170,002	175,818	181,565	187,244	192,855	198,400
Laikipia	143,150	147,677	152,192	156,694	161,186	165,667	170,829	175,967	181,083	186,177	191,249
Nakuru	614,270	637,040	659,619	682,009	704,213	726,233	750,067	773,696	797,121	820,347	843,375
Narok	226,886	240,431	253,930	267,385	280,796	294,164	310,371	326,514	342,597	358,617	374,578
Kajiado	332,782	347,330	361,799	376,189	390,501	404,737	419,831	434,859	449,821	464,720	479,559
Kericho	221,858	226,909	231,867	236,733	241,509	246,197	251,492	256,714	261,864	266,944	271,953
Bomet	206,631	211,850	217,022	222,148	227,227	232,261	237,954	243,607	249,221	254,796	260,332
Kakamega	452,039	465,036	477,912	490,667	503,304	515,824	529,638	543,341	556,933	570,417	583,791
Vihiga	160,384	161,165	161,924	162,662	163,379	164,075	165,225	166,350	167,449	168,523	169,573
Bungoma	435,136	448,984	462,753	476,444	490,056	503,591	517,681	531,683	545,597	559,425	573,168
Busia	200,686	207,097	213,451	219,750	225,992	232,181	239,276	246,323	253,323	260,276	267,184
Siaya	233,289	239,252	245,139	250,953	256,692	262,359	268,217	275,478	282,684	291,373	298,491
Kisumu	315,300	324,658	333,938	343,139	352,262	361,309	371,248	381,105	390,880	400,574	410,188
Homabay	250,211	258,134	265,945	273,647	281,241	288,729	298,473	308,121	317,672	327,129	336,493
Migori	240,963	251,069	261,121	271,118	281,061	290,950	302,977	314,926	326,798	338,595	350,316
Kisii	358,706	364,823	370,905	376,950	382,959	388,934	394,960	400,942	406,880	412,775	418,626
Nyamira	182,745	183,860	184,960	186,045	187,116	188,173	189,656	191,127	192,588	194,037	195,476
Nairobi City	1,536,022	1,585,467	1,634,695	1,683,710	1,732,515	1,781,116	1,830,752	1,880,756	1,931,141	1,981,922	2,033,116
Kenya	12,656,970	13,068,361	13,478,733	13,888,123	14,296,567	14,704,103	15,153,187	15,601,235	15,154,985	15,533,464	15,908,968