

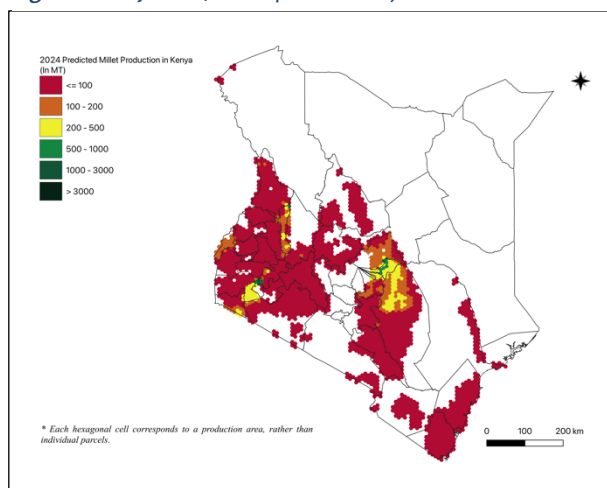
AAGWa Crop Production Forecasts Brief Series Kenya – Millet

Aïssatou Ndoye*, Mansour Dia**, and Khadim Dia***

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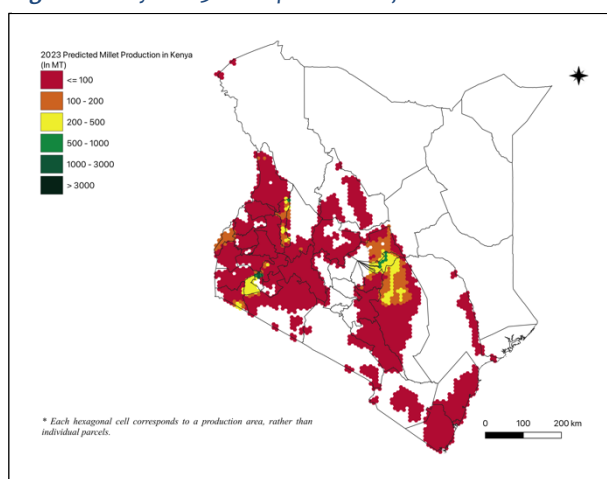
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly

Figure 1. Kenya 2024 Millet production forecast.



Data source: Africa Agriculture Watch (www.aagwa.org).

Figure 2. Kenya 2023 Millet production forecast.



Data source: Africa Agriculture Watch (www.aagwa.org).

50 African countries. The timeliness, wide availability, and easy access to this type of data will allow stakeholders across the value chain to better plan and execute policy and business actions more efficiently. The data published in the briefs are generated through the Africa Crop Production (AfCP) model, an Artificial Intelligence (AI-based) model applied to remotely sensed geo-biophysical data to produce estimates at pixel as well as administrative levels as early as the beginning of every growing season. In Brief 116, we provide forecasts on millet production in Kenya.

In 2024, millet production in Kenya is projected to reach 104,345 metric tons (MT), which indicates a 7% increase over 2023 production levels. The highest millet producers are expected to be the Eastern districts such as Mwingi North (Kitui), Mwingi Central (Kitui), Tharaka (Tharaka-Nithi), Kitui South (Kitui), and Kitui East (Kitui), with production levels estimated at 7,923 MT, 7,215 MT, 7,138 MT, 2,889 MT, and 2,473 MT, respectively. In comparison, lower production values are observed in Hamisi (Vihiga), Ainamoi (Kericho), Kisauni (Mombasa), Ikolomani (Kakamega), and Taveta (Taita Taveta), with production levels reaching only, 28 MT, 32 MT, 32 MT, 33 MT, and 35 MT, respectively.

Compared to 2023, the most significant millet production increases in 2024 are expected to occur in Kitui areas, particularly in districts such as Mwingi Central, Kitui South, Mwingi North, and Kitui East (Gaza), with differences of respectively 611 MT, 501 MT, 482 MT, and 285 MT. These correspond to changes of 9%, 21%, 6%, and 13%, respectively.

*Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

**Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063

***Senior Associate Scientist, Department of Data Management, Digital Products, and Technology, AKADEMIYA2063



Annex – 2024 Kenya Millet Production Forecast at District level

Counties	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Baringo	805	70	66	4	6%
Baringo	Baringo South	73	60	14	23%
Baringo	Eldama Ravine	318	264	53	20%
Baringo	Mogotio	724	637	86	14%
Baringo	Tiaty	42	35	7	19%
Bomet	Bomet Central	56	66	-10	-16%
Bomet	Konoin	412	500	-88	-18%
Bomet	Sotik	122	146	-24	-17%
Bungoma	Bumula	195	205	-10	-5%
Bungoma	Kabuchai	72	72	0	0%
Bungoma	Kanduyi	325	338	-12	-4%
Bungoma	Kimilili	47	42	5	12%
Bungoma	Sirisia	73	71	2	3%
Bungoma	Tongaren	44	38	5	13%
Bungoma	Webute West	216	216	0	0%
Bungoma	Webuye East	148	146	3	2%
Busia	Budalangi	172	168	4	3%
Busia	Butula	384	409	-26	-6%
Busia	Funyula	393	402	-9	-2%
Busia	Matayos	238	252	-14	-6%
Busia	Nambale	243	257	-13	-5%
Elgeyo-Marakwet	Keiyo North	885	829	56	7%
Elgeyo-Marakwet	Keiyo South	1277	1218	60	5%
Elgeyo-Marakwet	Marakwet East	1550	1430	119	8%
Elgeyo-Marakwet	Marakwet West	827	765	62	8%
Embu	Mbeere North	850	807	43	5%
Embu	Mbeere South	1340	1217	123	10%
Embu	Runyenjes	102	99	3	4%
Homa Bay	Homa Bay Town	76	92	-16	-17%
Homa Bay	Kabondo Kasipul	80	108	-28	-26%
Homa Bay	Karachuoonyo	66	69	-3	-4%
Homa Bay	Kasipul	81	108	-26	-24%
Homa Bay	Mbita	133	128	4	3%
Homa Bay	Ndhiwa	362	410	-48	-12%
Homa Bay	Rangwe	176	207	-31	-15%
Homa Bay	Suba	181	202	-21	-11%
Homa Bay	unknown 6	32	37	-5	-13%
Isiolo	Isiolo North	108	101	7	7%
Kajiado	Kajiado East	259	213	46	21%
Kajiado	Kajiado South	400	356	44	12%
Kajiado	Kajiado West	104	89	15	17%
Kakamega	Ikolomani	33	48	-14	-30%
Kakamega	Khwisero	38	48	-11	-22%
Kakamega	Lurambi	114	143	-29	-20%
Kakamega	Malava	120	133	-13	-10%
Kakamega	Matungu	193	208	-15	-7%
Kakamega	Mumias East	41	48	-8	-16%
Kakamega	Navakholo	150	170	-20	-12%
Kakamega	Shinyalu	165	209	-44	-21%



Kericho	Ainamoi	32	41	-9	-21%
Kericho	Belgut	182	233	-51	-22%
Kericho	Bureti	168	208	-40	-19%
Kericho	Kipkelion East	328	299	28	9%
Kericho	Kipkelion West	147	151	-3	-2%
Kericho	Sigowet/Soin	850	902	-52	-6%
Kilifi	Ganze	667	611	56	9%
Kilifi	Kaloleni	356	337	19	6%
Kilifi	Kilifi North	239	220	20	9%
Kilifi	Kilifi South	206	215	-9	-4%
Kilifi	Magarini	695	676	18	3%
Kilifi	Malindi	267	254	13	5%
Kilifi	Rabai	35	35	0	0%
Kisii	Bobasi	1011	998	14	1%
Kisii	Bomachoge Borabu	980	970	10	1%
Kisii	Bomachoge Chache	850	866	-16	-2%
Kisii	Bonchari	362	376	-13	-4%
Kisii	Kitutu Chache North	820	842	-21	-3%
Kisii	Kitutu Chache South	458	465	-7	-1%
Kisii	Nyaribari Chache	441	446	-5	-1%
Kisii	Nyaribari Masaba	913	909	4	0%
Kisumu	Kisumu East	59	75	-16	-22%
Kisumu	Kisumu West	91	105	-15	-14%
Kisumu	Muhoroni	320	375	-55	-15%
Kisumu	Nyakach	108	146	-38	-26%
Kisumu	Nyando	178	229	-51	-22%
Kisumu	Seme	130	161	-31	-19%
Kitui	Kitui Central	226	201	25	12%
Kitui	Kitui East	2473	2188	285	13%
Kitui	Kitui Rural	1335	1110	225	20%
Kitui	Kitui South	2889	2388	501	21%
Kitui	Kitui West	883	783	100	13%
Kitui	Mwingi Central	7215	6604	611	9%
Kitui	Mwingi North	7923	7441	482	6%
Kitui	Mwingi West	1920	1781	139	8%
Kwale	Kinango	1363	1297	66	5%
Kwale	Lungalunga	631	694	-63	-9%
Kwale	Matuga	261	287	-26	-9%
Kwale	Msambweni	161	179	-19	-10%
Laikipia	Laikipia East	507	421	85	20%
Laikipia	Laikipia North	705	557	148	27%
Laikipia	Laikipia West	978	724	254	35%
Machakos	Kathiani	57	45	12	27%
Machakos	Masinga	1369	1185	184	16%
Machakos	Matungulu	104	83	21	26%
Machakos	Mwala	908	751	157	21%
Machakos	Yatta	814	687	127	18%
Makueni	Kaiti	136	109	27	25%
Makueni	Kibwezi East	1149	950	199	21%
Makueni	Kibwezi West	1298	1024	274	27%
Makueni	Kilome	259	215	44	21%
Makueni	Makueni	1080	866	214	25%



Makueni	Mbooni	516	414	101	24%
Meru	Buuri	44	33	10	31%
Meru	Central Imenti	466	470	-3	-1%
Meru	Igembe Central	641	648	-7	-1%
Meru	Igembe North	1103	1073	30	3%
Meru	Igembe South	525	525	0	0%
Meru	North Imenti	267	273	-6	-2%
Meru	South Imenti	258	260	-2	-1%
Meru	Tigania East	697	718	-22	-3%
Meru	Tigania West	535	533	2	0%
Meru	unknown 5	163	165	-3	-2%
Migori	Awendo	202	219	-17	-8%
Migori	Kuria East	394	398	-4	-1%
Migori	Kuria West	647	660	-14	-2%
Migori	Nyatike	626	610	16	3%
Migori	Rongo	419	438	-18	-4%
Migori	Suna East	226	227	-1	-1%
Migori	Suna West	387	390	-3	-1%
Migori	Uriri	465	475	-10	-2%
Mombasa	Kisauni	32	35	-3	-9%
Murang'a	Maragwa	64	58	6	10%
Nakuru	Bahati	330	281	49	17%
Nakuru	Gilgil	490	373	118	32%
Nakuru	Kuresoi North	406	365	41	11%
Nakuru	Kuresoi South	302	277	25	9%
Nakuru	Molo	306	264	42	16%
Nakuru	Naivasha	711	512	198	39%
Nakuru	Nakuru Town East	68	48	20	43%
Nakuru	Nakuru Town West	36	28	8	27%
Nakuru	Njoro	317	247	70	28%
Nakuru	Rongai	434	376	58	15%
Nakuru	Subukia	109	84	25	29%
Nandi	Aldai	165	199	-34	-17%
Nandi	Chesumei	154	156	-2	-1%
Nandi	Emgwen	190	214	-24	-11%
Nandi	Mosop	385	366	20	5%
Nandi	Nandi Hills	178	173	5	3%
Nandi	Tinderet	181	195	-14	-7%
Narok	Emurua Dikirr	86	96	-10	-10%
Narok	Kilgoris	1034	1056	-22	-2%
Narok	Narok East	445	375	70	19%
Narok	Narok North	941	781	159	20%
Narok	Narok South	1009	847	162	19%
Narok	Narok West	469	402	67	17%
Nyamira	North Mugirango	2356	2156	201	9%
Nyandarua	Ndaragwa	38	25	12	50%
Nyandarua	Ol Jorok	44	29	15	51%
Nyeri	Kieni	37	29	8	29%
Samburu	Samburu East	1163	1005	158	16%
Samburu	Samburu North	553	420	133	32%
Samburu	Samburu West	613	468	145	31%
Siaya	Alego Usonga	220	265	-44	-17%

Siaya	Bondo	316	331	-15	-4%
Siaya	Gem	139	182	-43	-24%
Siaya	Rarieda	243	245	-2	-1%
Siaya	Ugenya	225	267	-42	-16%
Siaya	Ugunja	107	136	-29	-21%
Taita Taveta	Mwatate	355	306	49	16%
Taita Taveta	Taveta	35	29	6	19%
Taita Taveta	Voi	623	552	71	13%
Taita Taveta	Wundanyi	105	85	20	24%
Tana River	Bura	156	166	-10	-6%
Tana River	Galole	289	300	-11	-4%
Tana River	Garsen	201	192	9	5%
Tharaka-Nithi	Chuka/Igambang'Ombe	2056	2010	46	2%
Tharaka-Nithi	Igembe South	915	890	26	3%
Tharaka-Nithi	Maara	705	712	-8	-1%
Tharaka-Nithi	Tharaka	7138	6942	196	3%
Trans Nzoia	Cherangany	500	436	64	15%
Trans Nzoia	Endebess	255	210	44	21%
Trans Nzoia	Kiminini	183	154	29	19%
Trans Nzoia	Kwanza	131	109	23	21%
Trans Nzoia	Saboti	222	187	35	19%
Trans Nzoia	unknown 4	49	43	6	15%
Turkana	Turkana East	38	29	8	28%
Turkana	Turkana West	55	54	2	3%
Uasin Gishu	Ainabkoi	366	321	45	14%
Uasin Gishu	Kapseret	163	132	30	23%
Uasin Gishu	Kesses	466	425	40	9%
Uasin Gishu	Moiben	330	260	71	27%
Uasin Gishu	Soy	506	420	86	21%
Uasin Gishu	Turbo	118	94	24	26%
Vihiga	Hamisi	28	40	-12	-30%
West Pokot	Kacheliba	1257	1000	257	26%
West Pokot	Kapenguria	291	233	58	25%
West Pokot	Pokot South	793	673	121	18%
West Pokot	Sigor	766	632	134	21%
West Pokot	unknown 3	127	102	25	24%
Total		104345	97230	7116	7%

MT (Metric tons): 1 MT is equivalent to 1,000 kilograms.

Change: refers to the relative difference and is calculated as (2024 prod – 2023 prod) divided by 2023 prod.

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