

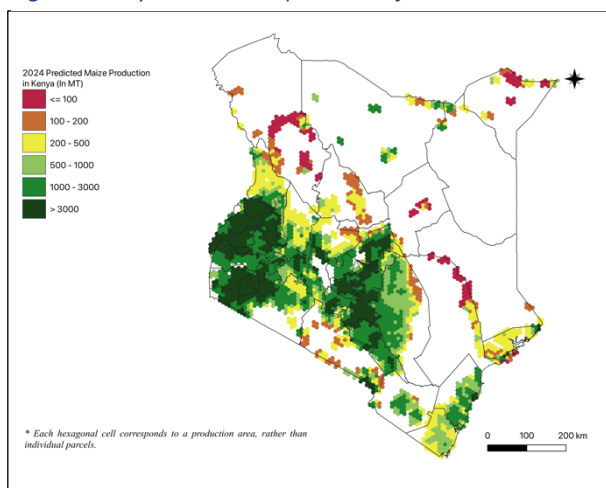
AAGWa Crop Production Forecasts Brief Series Kenya – Maize

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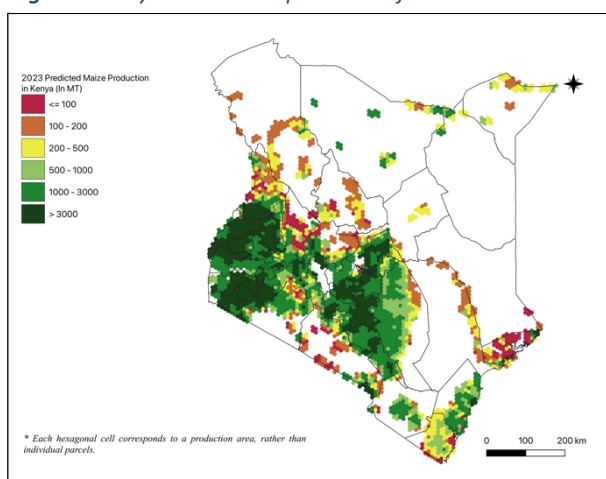
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly

Figure 1. Kenya 2024 Maize production forecast.



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

Figure 2. Kenya 2023 Maize 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 110, we provide forecasts on maize production in Kenya.

In 2024, maize production in Kenya is projected to reach 3,902,778 metric tons (MT), which indicates a 2% increase over 2023 production levels. The highest maize producers are expected to be the Southwestern and Southeastern districts such as Masinga (Machakos), Kilgoris (Narok), Mwala (Machakos), Cherangany (Trans Nzoia), and Yatta (Machakos), with production levels estimated at 97,618 MT, 78,095 MT, 63,618 MT, 62,494 MT, and 54,904 MT, respectively. In comparison, lower production values are observed in Fafi (Garissa), Lafey (Mandera), Ijara (Garissa), Turkana West (Turkana), and Mandera West (Mandera), with production of, respectively, 40 MT, 275 MT, 403 MT, 545 MT, and 583 MT.

Compared to 2023, the most significant maize production increases in 2024 are expected to occur in the western areas such as Masinga, Narok North (Narok), Baringo South (Baringo), Mwala, and Baringo North (Baringo), with differences of respectively 5,114

MT, 3,763 MT, 3,064 MT, 2,831 MT, and 2,671 MT. These correspond to changes of respectively, 6%, 19%, 90%, 5%, and 35%.

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Annex – 2024 Kenya Maize Production Forecast at District level

Counties	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Baringo	805	3655	3663	-8	0%
Baringo	Baringo Central	8914	8295	619	7%
Baringo	Baringo North	10303	7632	2671	35%
Baringo	Baringo South	6464	3400	3064	90%
Baringo	Eldama Ravine	15105	14403	702	5%
Baringo	Mogotio	10907	8893	2013	23%
Baringo	Tiaty	3039	1732	1306	75%
Bomet	Bomet Central	11818	11674	144	1%
Bomet	Bomet East	11936	11806	130	1%
Bomet	Chepalungu	22756	22557	199	1%
Bomet	Konoin	19946	19499	446	2%
Bomet	Sotik	17695	17445	250	1%
Bungoma	Bumula	14811	14565	246	2%
Bungoma	Kabuchai	12045	11785	260	2%
Bungoma	Kanduyi	25560	25012	548	2%
Bungoma	Kimilili	20636	19983	653	3%
Bungoma	Likuyani	28751	27358	1393	5%
Bungoma	Lugari	21757	21121	636	3%
Bungoma	Mt. Elgon	23112	22640	472	2%
Bungoma	Sirisia	17237	16457	779	5%
Bungoma	Tongaren	30397	29335	1062	4%
Bungoma	Webute West	16638	16286	352	2%
Bungoma	Webuye East	10449	10259	190	2%
Busia	Budalangi	3347	3344	3	0%
Busia	Butula	13222	12914	308	2%
Busia	Funyula	11576	11452	123	1%
Busia	Matayos	7092	6977	116	2%
Busia	Nambale	9232	9057	174	2%
Busia	Teso North	2775	2701	74	3%
Busia	Teso South	3870	3722	149	4%
Elgeyo-Marakwet	Keiyo North	17913	17073	840	5%
Elgeyo-Marakwet	Keiyo South	20219	19711	508	3%
Elgeyo-Marakwet	Marakwet East	11877	10586	1291	12%
Elgeyo-Marakwet	Marakwet West	17372	16958	414	2%
Embu	Manyatta	17140	16473	667	4%
Embu	Mbeere North	15539	16674	-1134	-7%
Embu	Mbeere South	32272	33325	-1053	-3%
Embu	Runyenjes	18069	17332	737	4%
Garissa	Fafi	40	177	-137	-77%
Garissa	Ijara	403	221	182	83%
Homa Bay	Homa Bay Town	9186	9067	119	1%
Homa Bay	Kabondo Kasipul	9878	9746	132	1%
Homa Bay	Karachuonyo	7503	7490	13	0%
Homa Bay	Kasipul	12294	12123	171	1%
Homa Bay	Mbita	6704	6636	68	1%
Homa Bay	Ndhiwa	38730	38325	405	1%
Homa Bay	Rangwe	22714	22431	283	1%
Homa Bay	Suba	13706	13572	134	1%
Homa Bay	unknown 6	4273	4246	27	1%



Isiolo	Isiolo North	2416	2553	-137	-5%
Isiolo	Isiolo South	1050	1728	-678	-39%
Kajiado	Kajiado Central	1835	1084	751	69%
Kajiado	Kajiado East	29497	28366	1132	4%
Kajiado	Kajiado North	3214	3269	-55	-2%
Kajiado	Kajiado South	42892	41826	1066	3%
Kajiado	Kajiado West	14089	14010	79	1%
Kakamega	Butere	10210	10002	208	2%
Kakamega	Ikolomani	3411	3329	81	2%
Kakamega	Khwisero	4259	4150	109	3%
Kakamega	Lugari	10450	9967	483	5%
Kakamega	Lurambi	12985	12639	346	3%
Kakamega	Malava	14326	14023	303	2%
Kakamega	Matungu	16315	15970	345	2%
Kakamega	Mumias East	8305	8111	194	2%
Kakamega	Mumias West	3331	3261	70	2%
Kakamega	Navakholo	14140	13807	333	2%
Kakamega	Shinyalu	12387	11927	460	4%
Kericho	Ainamoi	3168	3122	46	1%
Kericho	Belgut	19868	19489	379	2%
Kericho	Bureti	15460	15196	264	2%
Kericho	Kipkelion East	20291	19629	662	3%
Kericho	Kipkelion West	12176	12061	115	1%
Kericho	Sigowet/Soin	12553	12311	242	2%
Kiambu	Gatundu North	7520	7672	-152	-2%
Kiambu	Gatundu South	3042	3087	-45	-1%
Kiambu	Githunguri	13624	13682	-58	0%
Kiambu	Juja	9429	9835	-406	-4%
Kiambu	Kabete	3289	3339	-50	-1%
Kiambu	Kiambu	7524	7559	-36	0%
Kiambu	Kikuyu	6045	5974	71	1%
Kiambu	Lari	1585	1592	-7	0%
Kiambu	Limuru	10651	10641	10	0%
Kiambu	Ruiru	3359	3505	-147	-4%
Kiambu	Thika Town	6163	6518	-356	-5%
Kilifi	Ganze	17964	17762	202	1%
Kilifi	Kaloleni	18949	19438	-488	-3%
Kilifi	Kilifi North	12867	12477	390	3%
Kilifi	Kilifi South	6909	6722	187	3%
Kilifi	Magarini	19820	19756	64	0%
Kilifi	Malindi	10079	10155	-76	-1%
Kilifi	Rabai	1805	1822	-17	-1%
Kirinyaga	Gichugu	6854	6401	453	7%
Kirinyaga	Kirinyaga Central	7764	7772	-8	0%
Kirinyaga	Mwea	33193	32426	767	2%
Kirinyaga	Ndia	11856	11819	38	0%
Kisii	Bobasi	17454	16785	670	4%
Kisii	Bomachoge Borabu	17983	17287	696	4%
Kisii	Bomachoge Chache	12630	12281	349	3%
Kisii	Bonchari	5937	5807	130	2%
Kisii	Kitutu Chache North	11924	11634	290	2%
Kisii	Kitutu Chache South	5515	5403	112	2%



Kisii	Nyaribari Chache	16682	16052	630	4%
Kisii	Nyaribari Masaba	24285	23421	864	4%
Kisumu	Kisumu East	3589	3585	4	0%
Kisumu	Kisumu West	6346	6323	22	0%
Kisumu	Muhoroni	13561	13306	255	2%
Kisumu	Nyakach	4569	4301	268	6%
Kisumu	Nyando	9804	9755	49	1%
Kisumu	Seme	11186	11075	111	1%
Kitui	Kitui Central	4649	5126	-477	-9%
Kitui	Kitui East	34211	36940	-2730	-7%
Kitui	Kitui Rural	32457	34182	-1725	-5%
Kitui	Kitui South	42632	47075	-4443	-9%
Kitui	Kitui West	16141	17179	-1038	-6%
Kitui	Mwingi Central	31704	34083	-2379	-7%
Kitui	Mwingi North	40278	44663	-4385	-10%
Kitui	Mwingi West	8457	9354	-897	-10%
Kwale	Kinango	20671	18800	1871	10%
Kwale	Lungalunga	11092	8580	2512	29%
Kwale	Matuga	3977	2632	1345	51%
Kwale	Msambweni	2990	2199	791	36%
Laikipia	Laikipia East	10543	10111	432	4%
Laikipia	Laikipia North	9033	7594	1439	19%
Laikipia	Laikipia West	41185	39329	1856	5%
Lamu	Lamu East	7179	5534	1646	30%
Lamu	Lamu West	12408	9871	2537	26%
Machakos	Kangundo	7728	7627	102	1%
Machakos	Kathiani	6928	6933	-5	0%
Machakos	Machakos Town	34515	33304	1211	4%
Machakos	Masinga	97618	92504	5114	6%
Machakos	Matungulu	23915	23814	101	0%
Machakos	Mavoko	15485	15412	73	0%
Machakos	Mwala	63618	60787	2831	5%
Machakos	unknown 7	6939	6470	470	7%
Machakos	Yatta	54904	52412	2492	5%
Makueni	Kaiti	9369	9932	-562	-6%
Makueni	Kibwezi East	42706	43631	-924	-2%
Makueni	Kibwezi West	50945	52287	-1341	-3%
Makueni	Kilome	25437	25981	-544	-2%
Makueni	Makueni	48729	49394	-665	-1%
Makueni	Mbooni	28166	28911	-744	-3%
Mandera	Banissa	1182	1946	-765	-39%
Mandera	Lafey	275	431	-156	-36%
Mandera	Mandera East	1019	1723	-704	-41%
Mandera	Mandera North	996	2118	-1122	-53%
Mandera	Mandera West	583	846	-263	-31%
Marsabit	Laisamis	1647	1810	-163	-9%
Marsabit	Moyale	6082	6868	-786	-11%
Marsabit	North Horr	4386	4913	-527	-11%
Marsabit	Saku	6759	7528	-770	-10%
Meru	Buuri	26766	26224	542	2%
Meru	Central Imenti	12640	12730	-90	-1%
Meru	Igembe Central	22683	22174	509	2%



Meru	Igembe North	24987	25440	-453	-2%
Meru	Igembe South	10593	10748	-155	-1%
Meru	North Imenti	8107	8494	-388	-5%
Meru	South Imenti	15775	15663	112	1%
Meru	Tigania East	18513	18680	-167	-1%
Meru	Tigania West	23308	22540	769	3%
Meru	unknown 5	3938	3919	19	0%
Migori	Awendo	15797	15576	220	1%
Migori	Kuria East	13041	12948	93	1%
Migori	Kuria West	6884	6874	10	0%
Migori	Nyatike	20595	20784	-189	-1%
Migori	Rongo	13023	12806	216	2%
Migori	Suna East	11161	10863	298	3%
Migori	Suna West	14199	14156	43	0%
Migori	Uriri	18312	18159	153	1%
Mombasa	Kisauni	1400	1388	11	1%
Murang'a	Gatanga	16641	16881	-240	-1%
Murang'a	Kandara	14256	14313	-57	0%
Murang'a	Kangema	4402	4378	23	1%
Murang'a	Kigumo	7213	7256	-43	-1%
Murang'a	Kiharu	16061	15970	91	1%
Murang'a	Maragwa	18069	18007	62	0%
Murang'a	Mathioya	10154	10011	143	1%
Nairobi	Kasarani	1034	1043	-9	-1%
Nairobi	Westlands	2806	2891	-85	-3%
Nakuru	Bahati	14670	14457	213	1%
Nakuru	Gilgil	23919	22865	1055	5%
Nakuru	Kuresoi North	10910	10109	800	8%
Nakuru	Kuresoi South	4084	3277	807	25%
Nakuru	Molo	9150	8308	842	10%
Nakuru	Naivasha	23821	23492	329	1%
Nakuru	Nakuru Town East	1896	1652	244	15%
Nakuru	Nakuru Town West	2584	2587	-3	0%
Nakuru	Njoro	17108	16407	701	4%
Nakuru	Rongai	38687	38296	391	1%
Nakuru	Subukia	7676	7628	49	1%
Nandi	Aldai	17702	17174	529	3%
Nandi	Chesumei	10846	10727	119	1%
Nandi	Emgwen	12254	12138	116	1%
Nandi	Mosop	23455	23242	214	1%
Nandi	Nandi Hills	17498	17226	271	2%
Nandi	Tinderet	15433	15269	164	1%
Narok	Emurua Dikirr	29813	28708	1105	4%
Narok	Kilgoris	78095	75478	2618	3%
Narok	Narok East	17565	17768	-203	-1%
Narok	Narok North	23068	19306	3763	19%
Narok	Narok South	33368	31708	1660	5%
Narok	Narok West	21944	21636	308	1%
Nyamira	Borabu	50572	48104	2468	5%
Nyamira	Kitutu Masaba	19186	18385	801	4%
Nyamira	West Mugirango	10936	10370	566	5%
Nyandarua	Ndaragwa	26390	25719	671	3%

Nyandarua	Ol Jorok	858	765	93	12%
Nyeri	Kieni	23833	24854	-1021	-4%
Nyeri	Mathira	9070	9126	-56	-1%
Nyeri	Mukurweini	5479	5638	-159	-3%
Nyeri	Nyeri Town	2377	2487	-110	-4%
Nyeri	Othaya	5121	5203	-82	-2%
Nyeri	Tetu	10371	10609	-237	-2%
Samburu	Samburu East	5484	4642	843	18%
Samburu	Samburu North	1576	1172	403	34%
Samburu	Samburu West	3587	2976	611	21%
Siaya	Alego Usonga	22016	21754	261	1%
Siaya	Bondo	16713	16692	21	0%
Siaya	Gem	20246	19822	423	2%
Siaya	Rarieda	15318	15231	87	1%
Siaya	Ugenya	14779	14512	266	2%
Siaya	Ugunja	11389	11158	231	2%
Taita Taveta	Mwatate	14626	15597	-971	-6%
Taita Taveta	Taveta	2352	2385	-32	-1%
Taita Taveta	Voi	15182	16129	-947	-6%
Taita Taveta	Wundanyi	5676	6103	-427	-7%
Tana River	Bura	1176	2490	-1314	-53%
Tana River	Galole	3481	3207	274	9%
Tana River	Garsen	2081	1731	351	20%
Tharaka-Nithi	Chuka/Igambang'Ombe	40861	38506	2355	6%
Tharaka-Nithi	Igembe South	939	907	32	4%
Tharaka-Nithi	Maara	21065	19700	1365	7%
Tharaka-Nithi	Tharaka	10330	10724	-394	-4%
Trans Nzoia	Cherangany	62494	60475	2019	3%
Trans Nzoia	Endebess	33959	32697	1262	4%
Trans Nzoia	Kiminiini	34143	32790	1354	4%
Trans Nzoia	Kwanza	21714	21009	706	3%
Trans Nzoia	Saboti	35099	33810	1289	4%
Trans Nzoia	unknown 4	8525	8190	334	4%
Turkana	Loima	1211	2376	-1165	-49%
Turkana	Turkana Central	2786	4891	-2105	-43%
Turkana	Turkana East	744	1319	-575	-44%
Turkana	Turkana South	2128	2450	-321	-13%
Turkana	Turkana West	545	370	175	47%
Turkana	unknown 2	685	1112	-426	-38%
Uasin Gishu	Ainabkoi	23187	22957	231	1%
Uasin Gishu	Kapseret	14385	14226	159	1%
Uasin Gishu	Kesses	27317	26713	604	2%
Uasin Gishu	Moiben	29169	28932	236	1%
Uasin Gishu	Soy	30521	30282	239	1%
Uasin Gishu	Turbo	18205	17810	396	2%
Vihiga	Emuhaya	8301	8031	270	3%
Vihiga	Hamisi	6668	6511	157	2%
Vihiga	Luanda	7579	7350	228	3%
Vihiga	Sabatia	12657	12333	325	3%
Vihiga	Vihiga	6588	6415	173	3%
Wajir	Wajir North	5438	6563	-1125	-17%
West Pokot	Kacheliba	13570	11314	2257	20%



West Pokot	Kapenguria	9241	8311	930	11%
West Pokot	Pokot South	22215	21166	1049	5%
West Pokot	Sigor	10631	8569	2062	24%
West Pokot	unknown 3	1299	811	488	60%
Total		3902778	3834618	68160	2%

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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