

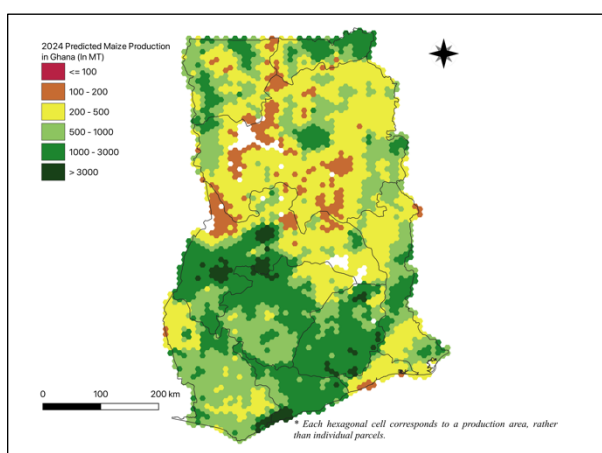
AAGWa Crop Production Forecasts Brief Series Ghana – Maize

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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 ten major crops across nearly 50 African countries. The timeliness, wide availability, and easy access to this type of data will allow

Figure 1. Ghana 2024 Maize Production Forecast.



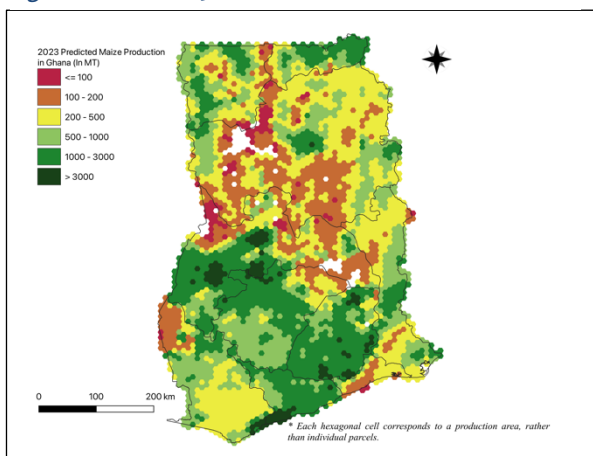
Data source: Africa Agriculture Watch (www.aagwa.org).

In 2024, maize production in Ghana is projected to reach 2,237,944 metric tons (MT), corresponding to a 4% increase over 2023 production levels. The highest maize producers are expected to be the Southern districts such as Kintampo South (Bono East), Sunyani West (Bono), Nkoranza South (Bono East), Kwahu Afram Plains South (Eastern), and Ejura-Sekyedumase (Ashanti), with production levels estimated at 50,106 MT, 47,939 MT, 41,251 MT, 35,804 MT, and 34,678 MT, respectively. In comparison, lower production values are observed in the Greater Accra region, particularly in Tema West, Okaikwei North, Ledzokuku, Ashaiman, and Adenta, with production of, respectively, 170 MT, 188 MT, 191 MT, 200 MT, and 213 MT.

Compared to 2023, the most significant maize production increases in 2024 are expected to occur in areas such as Central Gonja (Savannah), Aowin (Western North), Bole (Savannah), North East Gonja (Savannah), and Prestea-Huni Valley (Savannah), with differences of respectively 4,394 MT, 3,904 MT, 3,878 MT, 3,841 MT, and 3,446 MT. These correspond to changes of respectively, 25%, 18%, 22%, 40%, and 51%

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 165, we provide forecasts on maize production in Ghana.

Figure 2. Ghana 2023 Maize Production Forecast.



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

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Annex – 2024 Ghana Maize Production Forecast at District Level

Regions	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Ahafo	Asunafo North	15312	14284	1028	7%
Ahafo	Asunafo South	12428	12024	404	3%
Ahafo	Asutifi North	7660	6772	888	13%
Ahafo	Asutifi South	8485	8165	320	4%
Ahafo	Tano North	18689	19226	-537	-3%
Ahafo	Tano South	11798	12055	-257	-2%
Ashanti	Adansi Akrofuom	6453	5883	569	10%
Ashanti	Adansi Asokwa	6347	5775	573	10%
Ashanti	Adansi North	2349	2256	93	4%
Ashanti	Adansi South	7646	6803	843	12%
Ashanti	Afigya-Kwabre North	4538	4567	-29	-1%
Ashanti	Afigya-Kwabre South	2537	2544	-7	0%
Ashanti	Ahafo-Ano North	13417	14324	-907	-6%
Ashanti	Ahafo-Ano South East	11106	11008	98	1%
Ashanti	Ahafo-Ano South West	8233	8032	201	3%
Ashanti	Amansie Central	8638	8119	519	6%
Ashanti	Amansie South	6272	5773	499	9%
Ashanti	Amansie West	5423	4973	450	9%
Ashanti	Asante-Akim Central	4555	4655	-99	-2%
Ashanti	Asante-Akim North	16397	16307	90	1%
Ashanti	Asante-Akim South	14914	14371	543	4%
Ashanti	Asokore-Mampong	216	122	94	77%
Ashanti	Atwima-Kwanwoma	1276	1155	121	10%
Ashanti	Atwima-Mponua	16115	15034	1081	7%
Ashanti	Atwima-Nwabiagya North	4221	4027	194	5%
Ashanti	Atwima-Nwabiagya South	3508	3312	196	6%
Ashanti	Bekwai	6244	6006	238	4%
Ashanti	Bosome Freho	6804	6238	565	9%
Ashanti	Bosomtwe	3482	3189	292	9%
Ashanti	Ejisu	6531	6556	-25	0%
Ashanti	Ejura-Sekyedumase	34678	36444	-1765	-5%
Ashanti	Juaben	1223	1214	9	1%
Ashanti	Kwabre East	1681	1599	82	5%
Ashanti	Kwadaso	508	433	75	17%
Ashanti	Mampong	14371	14691	-320	-2%
Ashanti	Obuasi	1677	1554	123	8%
Ashanti	Obuasi East	1224	1177	47	4%
Ashanti	Offinso	11962	12453	-491	-4%
Ashanti	Offinso North	18453	19285	-832	-4%
Ashanti	Sekyere Afram Plains North	15633	12614	3020	24%
Ashanti	Sekyere Central	16641	15602	1039	7%
Ashanti	Sekyere East	2562	2636	-73	-3%
Ashanti	Sekyere Kumawu	13365	14027	-661	-5%
Ashanti	Sekyere South	6926	6871	55	1%
Ashanti	Suame	219	120	98	82%
Bono	Banda	3709	2104	1606	76%
Bono	Berekum East	12595	13211	-616	-5%

Bono	Berekum West	9405	9922	-518	-5%
Bono	Dormaa	26368	27323	-956	-3%
Bono	Dormaa East	15111	16057	-947	-6%
Bono	Dormaa West	10517	11111	-594	-5%
Bono	Jaman North	6341	6031	310	5%
Bono	Jaman South	14953	15268	-316	-2%
Bono	Sunyani	15950	16942	-991	-6%
Bono	Sunyani West	47939	51379	-3440	-7%
Bono	Tain	15025	13862	1163	8%
Bono	Wenchi	15179	15215	-35	0%
Bono East	Atebubu-Amantin	10041	7875	2166	28%
Bono East	Kintampo North	24804	24069	735	3%
Bono East	Kintampo South	50106	53417	-3311	-6%
Bono East	Nkoranza North	17334	16642	692	4%
Bono East	Nkoranza South	41251	44276	-3026	-7%
Bono East	Pru East	6643	5682	961	17%
Bono East	Pru West	6053	5198	855	16%
Bono East	Sene East	19414	16975	2439	14%
Bono East	Sene West	8635	6268	2367	38%
Bono East	Techiman	17495	18342	-847	-5%
Bono East	Techiman North	7624	7756	-132	-2%
Central	Abura-Asebu-Kwamankese	11850	12606	-756	-6%
Central	Agona East	3367	3132	235	8%
Central	Agona West	3865	3549	316	9%
Central	Ajumako-Enyan-Essiam	9820	10012	-192	-2%
Central	Asikuma-Odoben-Brakwa	14021	13203	818	6%
Central	Assin Central	3921	3648	274	8%
Central	Assin North	14193	13550	643	5%
Central	Assin South	16637	15784	853	5%
Central	Awutu Senya East	547	457	90	20%
Central	Awutu Senya West	11496	12182	-687	-6%
Central	Cape Coast	9535	10261	-726	-7%
Central	Effutu	1640	1705	-66	-4%
Central	Ekumfi	7850	8059	-209	-3%
Central	Gomoa Central	1363	1320	42	3%
Central	Gomoa East	13890	14681	-791	-5%
Central	Gomoa West	8822	9181	-358	-4%
Central	Komenda-Edina-Eguafo-Abirem-	22080	23888	-1808	-8%
Central	Mfantseman	8101	8441	-340	-4%
Central	Twifo-Atti-Morkwa	8343	6874	1469	21%
Central	Twifo-Hemang-Lower Denkyira	4645	4055	590	15%
Central	Upper Denkyira East	9245	8951	294	3%
Central	Upper Denkyira West	9383	9327	56	1%
Eastern	Abuakwa North	3936	4011	-75	-2%
Eastern	Abuakwa South	8158	8266	-108	-1%
Eastern	Achiase	6637	6421	216	3%
Eastern	Akwapem North	7498	7927	-429	-5%
Eastern	Akwapem South	6756	7167	-411	-6%
Eastern	Akyemansa	9149	8814	336	4%



Eastern	Asene-Manso-Akroso	6350	6177	173	3%
Eastern	Asuogyaman	23883	25205	-1322	-5%
Eastern	Atiwa East	7816	7606	210	3%
Eastern	Atiwa West	13101	12774	326	3%
Eastern	Ayensuano	10343	10219	124	1%
Eastern	Birim Central	1519	1519	0	0%
Eastern	Birim North	10710	10633	77	1%
Eastern	Birim South	8688	8626	62	1%
Eastern	Denkyembour	6426	6088	339	6%
Eastern	Fanteakwa North	19229	20222	-992	-5%
Eastern	Fanteakwa South	10207	10810	-603	-6%
Eastern	Kwaebibirem	10107	9604	503	5%
Eastern	Kwahu Afram Plains				
	North	21672	21876	-204	-1%
	Kwahu Afram Plains				
Eastern	South	35804	36032	-228	-1%
Eastern	Kwahu East	6269	6036	232	4%
Eastern	Kwahu South	11553	11390	162	1%
Eastern	Kwahu West	3989	3803	186	5%
Eastern	Lower Manya-Krobo	4997	5108	-111	-2%
Eastern	New Juaben North	4855	5252	-397	-8%
Eastern	Nsawam Adoagyiri	10008	10571	-563	-5%
Eastern	Okere	8686	8978	-292	-3%
Eastern	Suhum	6880	6831	49	1%
Eastern	Upper Manya	16637	17144	-507	-3%
Eastern	Upper West Akim	9824	10170	-346	-3%
Eastern	West Akim	20223	21344	-1122	-5%
Eastern	Yilo-Krobo	11982	12398	-415	-3%
Greater Accra	Ada East	993	837	156	19%
Greater Accra	Ada West	1695	1478	217	15%
Greater Accra	Adenta	213	138	75	54%
Greater Accra	Ashaiman	200	127	74	58%
Greater Accra	Ga Central	289	220	69	31%
Greater Accra	Ga East	397	300	97	32%
Greater Accra	Ga North	554	456	99	22%
Greater Accra	Ga South	1266	1084	182	17%
Greater Accra	Ga West	701	611	90	15%
Greater Accra	Kpone-Katamanso	244	180	63	35%
Greater Accra	La-Nkwantanang-				
	Madina	371	280	91	33%
	Ledzokuku	191	113	78	69%
Greater Accra	Ningo-Prampram	2632	2111	521	25%
Greater Accra	Okaikwei North	188	115	73	64%
Greater Accra	Shai Osudoku	3406	2459	947	39%
Greater Accra	Tema West	170	93	77	83%
Greater Accra	Weija Gbawe	615	382	233	61%
North East	Bunkpurugu				
	Nakpanduri	3332	2945	387	13%
	Chereponi	5996	5261	735	14%
	East Mamprusi	7600	7011	589	8%
	Mamprugu Moagduri	7661	6325	1336	21%
	West Mamprusi	11923	11186	737	7%
North East	Yunyoo-Nasuan	2263	2023	239	12%



Northern	Gushegu	12701	10840	1862	17%
Northern	Karaga	17586	16540	1046	6%
Northern	Kpandai	8098	7340	758	10%
Northern	Kumbungu	10113	9748	365	4%
Northern	Mion	10811	8960	1851	21%
Northern	Nanton	4773	4675	98	2%
Northern	Nanumba North	11950	10321	1629	16%
Northern	Nanumba South	12760	11475	1285	11%
Northern	Saboba	6079	4857	1222	25%
Northern	Sagnerigu	7841	8613	-773	-9%
Northern	Savelugu	12728	12527	201	2%
Northern	Tamale	9073	9780	-707	-7%
Northern	Tatale Sanguli	8877	8594	283	3%
Northern	Tolon	13532	13570	-38	0%
Northern	Yendi	10514	9944	570	6%
Northern	Zabzugu	11159	10912	246	2%
Oti	Biakoye	9186	8372	814	10%
Oti	Jasikan	4523	4132	390	9%
Oti	Kadjebi	7288	6746	542	8%
Oti	Krachi East	11036	8478	2558	30%
Oti	Krachi Nchumuru	6405	5438	967	18%
Oti	Krachi West	4460	3428	1033	30%
Oti	Nkwanta North	7852	6959	893	13%
Oti	Nkwanta South	14177	11533	2644	23%
Savannah	Bole	21139	17261	3878	22%
Savannah	Central Gonja	21982	17588	4394	25%
Savannah	East Gonja	7570	5771	1799	31%
Savannah	North East Gonja	13390	9549	3841	40%
Savannah	North Gonja	10477	8561	1916	22%
Savannah	Sawla-Tuna-Kalba	25509	24058	1451	6%
Savannah	West Gonja	8073	6347	1726	27%
Upper East	Bawku	2920	3129	-208	-7%
Upper East	Bawku West	13125	14005	-880	-6%
Upper East	Binduri	4725	5025	-300	-6%
Upper East	Bolga East	1758	1937	-179	-9%
Upper East	Bolgatanga	3497	3810	-313	-8%
Upper East	Bongo	7580	8357	-777	-9%
Upper East	Builsa North	9158	9554	-396	-4%
Upper East	Builsa South	4304	4074	231	6%
Upper East	Garu	8535	9103	-568	-6%
Upper East	Kasena Nankana East	8118	8621	-503	-6%
Upper East	Kasena Nankana West	6008	6207	-200	-3%
Upper East	Nabdam	2104	2249	-145	-6%
Upper East	Pusiga	4602	5040	-439	-9%
Upper East	Talensi	8607	9132	-525	-6%
Upper East	Tempene	6601	7202	-601	-8%
Upper West	Daffiama-Bussie-Issa	7230	7223	7	0%
Upper West	Jirapa	8665	8881	-216	-2%
Upper West	Lambussie-Karni	6215	6371	-156	-2%
Upper West	Lawra	4798	4963	-166	-3%
Upper West	Nadowli-Kaleo	16821	18031	-1210	-7%
Upper West	Nandom	4041	4201	-160	-4%



Upper West	Sissala East	32870	32567	303	1%
Upper West	Sissala West	15421	16196	-775	-5%
Upper West	Wa East	26582	24864	1718	7%
Upper West	Wa Municipal	10824	11587	-764	-7%
Upper West	Wa West	13196	13256	-59	0%
Volta	Adaklu	3871	2977	894	30%
Volta	Afadzato South	12237	12283	-46	0%
Volta	Agotime Ziope	1324	1088	236	22%
Volta	Akatsi North	3668	3556	112	3%
Volta	Akatsi South	5109	5077	33	1%
Volta	Anloga	546	443	103	23%
Volta	Central Tongu	3668	3279	388	12%
Volta	Ho Municipal	4839	4380	458	10%
Volta	Ho West	8852	8071	781	10%
Volta	Hohoe	10816	10814	3	0%
Volta	Keta Municipal	2150	1943	207	11%
Volta	Ketu North	2942	2924	18	1%
Volta	Ketu South	2919	2925	-6	0%
Volta	Kpando	3033	2959	74	3%
Volta	North Dayi	4716	4516	199	4%
Volta	North Tongu	5192	4159	1033	25%
Volta	South Dayi	4890	4770	120	3%
Volta	South Tongu	6213	5801	412	7%
Western	Ahanta West	3939	3074	865	28%
Western	Effia Kwesimintsim	4966	5336	-370	-7%
Western	Ellembelle	6320	3639	2681	74%
Western	Jomoro	13078	10425	2653	25%
Western	Mpohor	3185	2077	1108	53%
Western	Nzema East	7250	4692	2558	55%
Western	Prestea-Huni Valley	10200	6754	3446	51%
Western	Sekondi Takoradi	2595	2781	-186	-7%
Western	Shama	11460	12352	-892	-7%
Western	Tarkwa Nsuaem	5213	3316	1897	57%
Western	Wassa Amenfi Central	11047	8854	2193	25%
Western	Wassa Amenfi East	13402	11401	2001	18%
Western	Wassa Amenfi West	11089	8890	2199	25%
Western	Wassa East	10367	7336	3031	41%
Western North	Aowin	25571	21667	3904	18%
Western North	Bia East	1695	821	873	106%
Western North	Bia West	3147	1609	1538	96%
Western North	Bibiani-Anhwiaso-				
Western North	Bekwai-	11484	11191	293	3%
Western North	Bodi	2260	1420	840	59%
Western North	Juaboso	7815	6800	1015	15%
Western North	Sefwi-Akontombra	10229	9421	808	9%
Western North	Sefwi-Wiawso	13249	13132	117	1%
Western North	Suaman	4816	4487	329	7%
Total		2237944	2160765	77174	4%

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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