

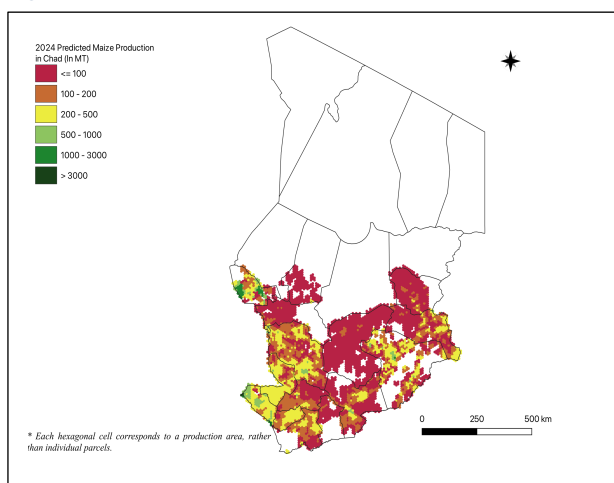
AAGWa Crop Production Forecasts Brief Series Chad – Maize

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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 stakeholders across the value chain to better plan and execute policy and business actions more efficiently.

Figure 1. Chad 2024 Maize Production Forecast.



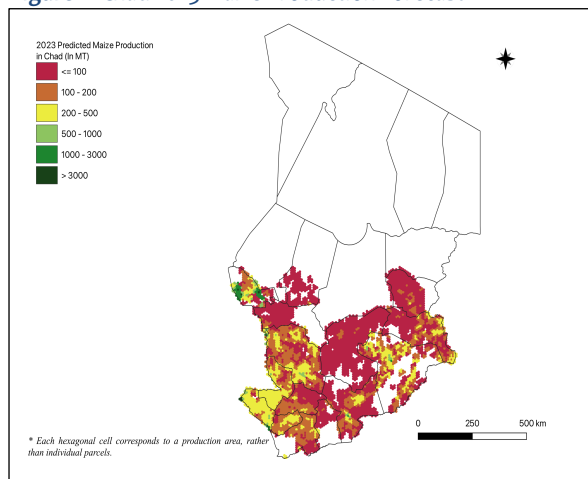
Data source: Africa Agriculture Watch (www.aagwa.org).

In 2024, maize production in Chad is projected to reach 509,233 metric tons (MT), corresponding to a 4% increase over 2023 production levels. The most significant production volumes are expected in departments such as Mamdi (Lac), Baguirmi (Chari-Baguirmi), Loug Chari (Chari-Baguirmi), Mayo-Dallah (Mayo-Kebbi Ouest), and Sila, with levels estimated at 65,944 MT, 47,176 MT, 34,222 MT, 34,085 MT, and 31,836 MT respectively. In comparison, lower production values are observed in districts such as Batha Oues (Batha), Kanem, Dababa (Hadjer-Lamis), and Assoungba (Ouaddaï), with production of, respectively, 13 MT, 28 MT, 91 MT, and 224 MT.

Compared to 2023, the most significant maize production increases in 2024 are expected to occur in communes such as Baguirmi, Mayo-Dallah (Mayo-Kebbi Ouest), Loug Chari, Mayo-Boneye (Mayo-Kebbi Est), and Sila, with differences reaching 4,936 MT, 4,032 MT, 3,209 MT, 3,186 MT, and 2,638 MT, respectively. These correspond to changes of 12%, 13%, 10%, 13%, and 9%.

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 170, we provide forecasts on maize production in Chad.

Figure 2. Chad 2023 Maize Production Forecast.



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

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Annex – 2024 Chad Maize Production Forecast at District Level

Regions	Departments	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Barh el Ghazel	Barh El Gazel	1740	1031	709	69%
Batha	Batha Est	398	443	-44	-10%
Batha	Batha Oues	13	21	-8	-38%
Chari-Baguirmi	Baguirmi	47176	42240	4936	12%
Chari-Baguirmi	Loug Chari	34222	31013	3209	10%
Chari-Baguirmi	N'Djamena	7892	7393	498	7%
Guéra	Barh Signaka	3215	3860	-645	-17%
Guéra	Bitkine	4201	4872	-671	-14%
Guéra	Guéra	3591	5782	-2191	-38%
Guéra	Mangalmé	3379	4037	-658	-16%
Hadjer-Lamis	Dababa	91	95	-4	-4%
Hadjer-Lamis	Dagana	4585	4062	523	13%
Hadjer-Lamis	Haraze Al Biar	5112	4732	380	8%
Kanem	Kanem	28	10	18	175%
Lac	Mamdi	65944	76125	-10181	-13%
Lac	Wayi	1144	965	180	19%
Logone Occidental	Dodjé	5128	4769	359	8%
Logone Occidental	Lac Wey	10439	9466	972	10%
Logone Occidental	Ngourkosso	3828	3472	357	10%
Logone Oriental	Lanya	5208	4725	483	10%
Logone Oriental	Monts de Lam	420	399	22	6%
Logone Oriental	Nya Pendé	7844	7678	166	2%
Logone Oriental	Pendé	11385	10345	1040	10%
Mandoul	Mandoul Occidental	225	294	-69	-23%
Mandoul	Mandoul Oriental	2906	2939	-33	-1%
Mayo-Kebbi Est	Kabbia	12258	10735	1524	14%
Mayo-Kebbi Est	Mayo-Boneye	28447	25261	3186	13%
Mayo-Kebbi Est	Mont Illi	11155	9640	1515	16%
Mayo-Kebbi Ouest	Lac Léré	22788	21741	1047	5%
Mayo-Kebbi Ouest	Mayo-Dallah	34085	30053	4032	13%
Moyen-Chari	Barh Köh	14342	13936	406	3%
Moyen-Chari	Grande Sido	4476	4050	425	10%
Moyen-Chari	Lac Iro	17550	16251	1299	8%
Ouaddaï	Assoungha	224	206	18	9%
Ouaddaï	Djourf Al Ahmar	3377	3464	-87	-3%
Ouaddaï	Ouara	10550	10746	-196	-2%
Salamat	Aboudeïa	16207	15335	872	6%
Salamat	Barh Azoum	26717	25157	1561	6%
Salamat	Haraze Mangueigne	17329	16440	890	5%
Sila	Djourf Al Ahmar	4712	5587	-875	-16%
Sila	Sila	31836	29198	2638	9%
Tandjilé	Béré	1876	1758	119	7%
Tandjilé	Tandjilé Est	13445	12963	482	4%
Tandjilé	Tandjilé Ouest	5470	5099	371	7%
Ville de N'Djamena	N'Djamena	2042	2341	-299	-13%
Wadi Fira	Biltine	233	199	34	17%
Total		509233	490928	18310	4%



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

Change: refers to the relative difference and is calculated as $(2024 \text{ prod} - 2023 \text{ prod})$ divided by 2023 prod.

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