

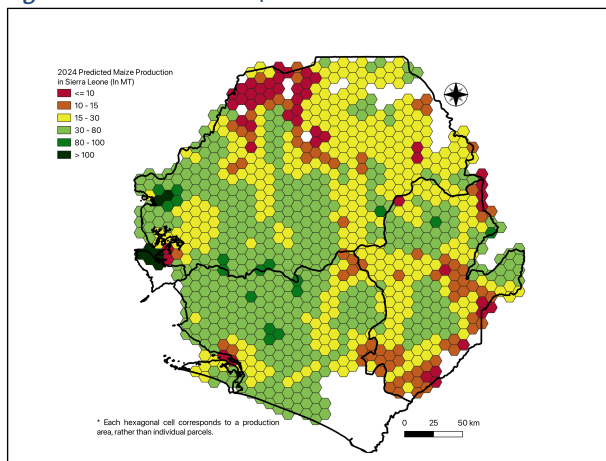
AAGWa Crop Production Forecasts Brief Series Sierra Leone – Maize

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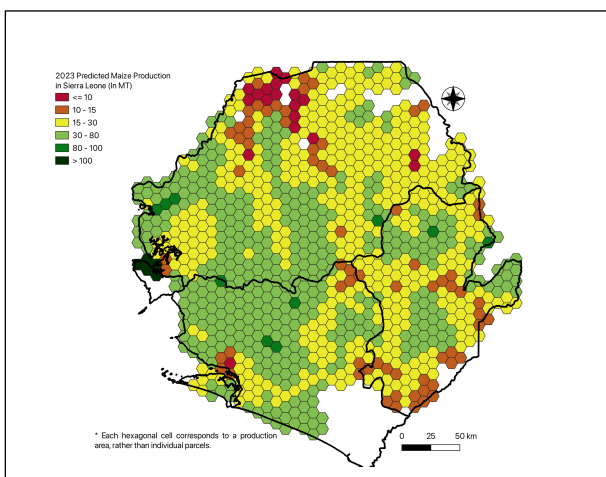
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for ten major crops across nearly 50

Figure 1. Sierra Leone 2024 Maize Production Forecast.



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

Figure 2. Sierra Leone 2023 Maize Production Forecast.



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

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 211, we provide forecasts on maize production in Sierra Leone.

In 2024, maize production in Sierra Leone is projected to reach 23,612 metric tons (MT), indicating a 5% increase over 2023 production levels. The highest maize producers are expected to be Moyamba (Southern), Tonkolili (Northern), Koinadugu (Northern), Port Loko (Northern), and Bombali (Northern), with production levels estimated at 3,806 MT, 2,908 MT, 2,616 MT, 2,307 MT, and 2,105 MT. In contrast, lower production values are observed at Kambia (Northern), Bonthe (Southern), Kailahun (Eastern), Western Rural (Western), and Pujehun (Southern) with production of respectively, 1,521 MT, 1,322 MT, 1,118 MT, 283 MT, and 44 MT.

Compared to 2023, the most significant maize production increases in 2024 are expected in districts such as Moyamba (Southern), Tonkolili (Northern), Port Loko (Northern), Kambia (Northern), and Bonthe (Southern), with differences of respectively 353 MT, 206 MT, 175 MT, 112 MT, and 100 MT. These correspond to changes of 10 %, 8 %, 8 %, 8 %, and 8 %.

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Annex – 2024 Sierra Leone Maize Production Forecast at District Level

Provinces	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Eastern	Kailahun	1118	1134	-16	-1%
Eastern	Kenema	1548	1550	-2	0%
Eastern	Kono	2075	2077	-2	0%
Northern	Bombali	2105	2050	56	3%
Northern	Kambia	1521	1409	112	8%
Northern	Koinadugu	2616	2671	-55	-2%
Northern	Port Loko	2307	2133	175	8%
Northern	Tonkolili	2908	2702	206	8%
Southern	Bo	1959	1866	93	5%
Southern	Bonthe	1322	1222	100	8%
Southern	Moyamba	3806	3453	353	10%
Southern	Pujehun	44	40	5	13%
Western	Western Rural	283	272	11	4%
Total		23612	22579	1036	5%

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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