

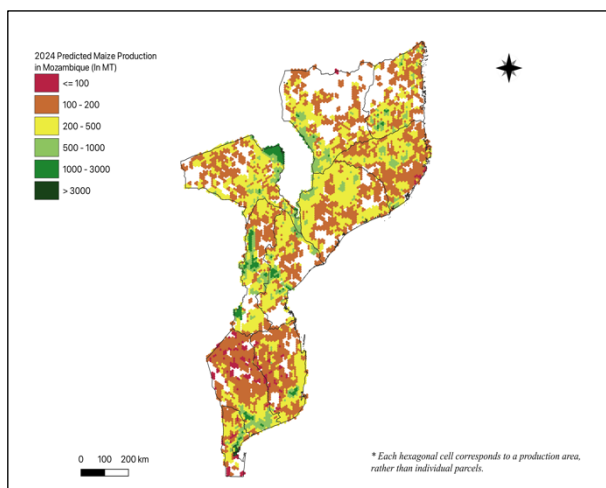
AAGWa Crop Production Forecasts Brief Series Mozambique – Maize

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

No. 113, February 2024

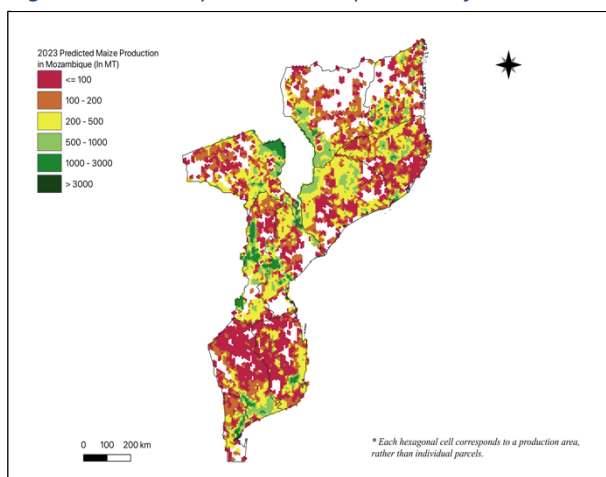
The crop production forecast brief series by AKADEMIYA2063's Africa Agriculture Watch (AAGWa) aims to provide more accurate and timely data on harvest and yields for nine major crops across nearly

Figure 1. Mozambique 2024 Maize production forecast.



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

Figure 2. Mozambique 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 113, we provide forecasts on maize production in Mozambique.

In 2024, maize production in Mozambique is projected to reach 1,745,173 metric tons (MT), which indicates a 2% increase over 2023 production levels. The highest maize producers are expected to be Barue (Manica), Milange (Zambezia), Angónia (Tete), Mecanhelas (Nassa), and Manica, with production levels estimated at 47,761 MT, 46,670 MT, 45,471 MT, 41,908 MT, and 40,242 MT, respectively. In comparison, lower production values are observed in Inhassunge (Zambezia), Quissanga (Cabo Delgado), Pemba (Cabo Delgado), Inhassoro (Inhambane), and Matutuine (Maputo), with production of, respectively, 124 MT, 273 MT, 576 MT, 1,179 MT, and 1,365 MT.

Compared to 2023, the most significant maize production increases in 2024 are expected to occur in areas such as Chigubo (Gaza), Mabote (Inhambane), Funhalouro (Inhambane), Chicualacuala (Gaza), and Maravia (Tete), with differences of respectively 7,212 MT, 6,820 MT, 6,402 MT, 5,119 MT, and 4,863 MT. These

correspond to changes of respectively, 82%, 38%, 52%, 47%, and 36%.

*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 Mozambique Maize Production Forecast at District level

Porvinces	Districts	2024 Production (MT)	2023 Production (MT)	Difference (MT)	Change (%)
Cabo Delgado	Ancuabe	14798	14726	72	0%
Cabo Delgado	Balama	14966	15502	-536	-3%
Cabo Delgado	Chiúre	9194	8425	769	9%
Cabo Delgado	Macomia	4821	4087	734	18%
Cabo Delgado	Meluco	3392	2643	749	28%
Cabo Delgado	Mocimboa da Praia	5899	4904	995	20%
Cabo Delgado	Montepuez	20465	20808	-342	-2%
Cabo Delgado	Mueda	6845	5128	1717	33%
Cabo Delgado	Muidumbe	3034	2812	222	8%
Cabo Delgado	Namuno	26399	28723	-2324	-8%
Cabo Delgado	Nangade	10344	10814	-470	-4%
Cabo Delgado	Palma	4555	4100	455	11%
Cabo Delgado	Pemba	576	327	249	76%
Cabo Delgado	Quissanga	273	145	129	89%
Gaza	Bilene	11186	12058	-871	-7%
Gaza	Chibuto	18792	17110	1682	10%
Gaza	Chicualacuala	15994	10875	5119	47%
Gaza	Chigubo	16006	8794	7212	82%
Gaza	Chókwè	26578	28214	-1636	-6%
Gaza	Guijá	16219	15324	895	6%
Gaza	Mabalane	12196	8581	3616	42%
Gaza	Mandlakazi	18831	19971	-1140	-6%
Gaza	Massangena	6783	3622	3161	87%
Gaza	Massingir	8074	6414	1660	26%
Gaza	Xai-Xai	13828	15261	-1434	-9%
Inhambane	Funhalouro	18635	12233	6402	52%
Inhambane	Govuro	3001	1508	1493	99%
Inhambane	Homoine	15210	16758	-1548	-9%
Inhambane	Inharrime	5019	3243	1777	55%
Inhambane	Inhassoro	1179	648	531	82%
Inhambane	Jangamo	3853	3327	527	16%
Inhambane	Mabote	24940	18119	6820	38%
Inhambane	Massinga	13905	11853	2052	17%
Inhambane	Morrumbene	12465	13201	-736	-6%
Inhambane	Panda	12446	11820	626	5%
Inhambane	Vilanculos	10877	8599	2279	26%
Inhambane	Zavala	6891	6418	473	7%
Manica	Barue	47761	55171	-7411	-13%
Manica	Gondola	31602	36370	-4768	-13%
Manica	Guro	15107	12174	2933	24%
Manica	Machaze	29755	28298	1457	5%
Manica	Macossa	5753	2925	2828	97%
Manica	Manica	40242	47419	-7176	-15%
Manica	Mossurize	23487	26624	-3137	-12%
Manica	Sussundenga	23300	25149	-1849	-7%
Manica	Tambara	7217	5381	1835	34%
Maputo	Boane	3708	3543	165	5%
Maputo	Magude	14311	11358	2954	26%

Maputo	Manhiça	16161	17565	-1404	-8%
Maputo	Marracuene	5846	6341	-495	-8%
Maputo	Matutuíne	1365	979	386	39%
Maputo	Moamba	12450	11281	1169	10%
Maputo	Namaacha	4534	4010	524	13%
Maputo City	Boane	2073	2211	-138	-6%
Maputo City	Maputo	8287	7818	468	6%
Nampula	Angoche	5486	5343	143	3%
Nampula	Erati	9542	9371	172	2%
Nampula	Lalaua	10503	8560	1943	23%
Nampula	Malema	13542	12197	1345	11%
Nampula	Meconta	6008	4792	1216	25%
Nampula	Mecuburi	26469	27448	-980	-4%
Nampula	Memba	5054	3879	1175	30%
Nampula	Mogovolas	8651	6788	1863	27%
Nampula	Moma	16099	16236	-137	-1%
Nampula	Monapo	8746	8311	435	5%
Nampula	Mongincual	4290	2194	2096	96%
Nampula	Mossuril	4288	2742	1547	56%
Nampula	Muecate	13567	13568	-1	0%
Nampula	Murupula	4164	2945	1219	41%
Nampula	Nacala Velha	3098	2302	796	35%
Nampula	Namapa	13687	12349	1338	11%
Nampula	Nampula	19897	21925	-2028	-9%
Nampula	Ribaue	14576	13489	1086	8%
Nassa	Cuamba	24615	27380	-2765	-10%
Nassa	Lago	8678	6979	1699	24%
Nassa	Lichinga	22676	25607	-2931	-11%
Nassa	Majune	5716	4440	1276	29%
Nassa	Mandimba	11862	13521	-1660	-12%
Nassa	Marrupa	10791	8518	2273	27%
Nassa	Maúa	8446	6822	1623	24%
Nassa	Mavago	3932	2901	1031	36%
Nassa	Mecanhelas	41908	48184	-6275	-13%
Nassa	Mecula	2312	1425	887	62%
Nassa	Metarica	7061	5890	1170	20%
Nassa	Muembe	6157	5218	940	18%
Nassa	N'gauma	10847	12241	-1394	-11%
Nassa	Nipepe	6890	5638	1252	22%
Nassa	Sanga	9169	7667	1503	20%
Sofala	Buzi	26050	28100	-2049	-7%
Sofala	Caia	17197	19149	-1952	-10%
Sofala	Chemba	11673	11015	658	6%
Sofala	Cheringoma	6725	5209	1516	29%
Sofala	Chibabava	14562	14014	548	4%
Sofala	Dondo	8225	9013	-787	-9%
Sofala	Gorongosa	12857	12964	-107	-1%
Sofala	Machanga	3180	2853	328	11%
Sofala	Maringue	16808	14876	1931	13%
Sofala	Marromeu	8459	9308	-849	-9%
Sofala	Muanza	5186	3472	1715	49%
Sofala	Nhamatanda	31393	36693	-5300	-14%



Tete	Angónia	45471	55059	-9589	-17%
Tete	Cahora Bassa	12894	10847	2047	19%
Tete	Changara	37488	39001	-1513	-4%
Tete	Chifunde	10491	9287	1204	13%
Tete	Chiuta	17751	16576	1175	7%
Tete	Macanga	24168	25797	-1629	-6%
Tete	Magoé	9890	9127	763	8%
Tete	Maravia	18548	13685	4863	36%
Tete	Moatize	26199	26778	-579	-2%
Tete	Mutarara	25876	28883	-3007	-10%
Tete	Tsangano	23586	28213	-4627	-16%
Tete	Zumbu	9046	6465	2581	40%
Zambezia	Alto Molocue	21931	23405	-1474	-6%
Zambezia	Chinde	3158	2561	596	23%
Zambezia	Gile	6951	4717	2234	47%
Zambezia	Gurue	20531	20409	122	1%
Zambezia	Ile	22508	24506	-1998	-8%
Zambezia	Inhassunge	124	57	67	116%
Zambezia	Lugela	11493	9909	1584	16%
Zambezia	Maganja da Costa	14717	13466	1251	9%
Zambezia	Milange	46670	50350	-3681	-7%
Zambezia	Mocuba	16036	14052	1984	14%
Zambezia	Mopeia	9737	7990	1747	22%
Zambezia	Morrumbala	33372	31930	1442	5%
Zambezia	Namacurra	3345	2869	476	17%
Zambezia	Namarroi	12277	12620	-343	-3%
Zambezia	Nicoadala	4015	3209	805	25%
Zambezia	Pebane	14431	12811	1621	13%
Total		1745173	1709820	35353	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.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2024. AAgWa Crop Production Forecasts Brief Series: Mozambique – Maize. AAgWa Crop Production Forecasts Brief Series, No. 113. Kigali: AKADEMIYA2063.

<https://doi.org/10.54067/acpf.113>