

AAGWa Crop Production Forecasts Brief Series

Democratic Republic of the Congo – Rice

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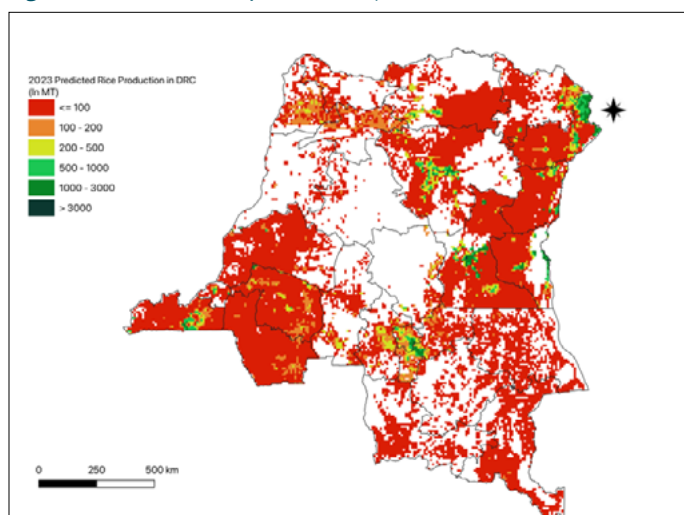
No. 91, October 2023

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 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 91, we provide forecasts on rice production in DRC.

In 2023, rice production in DRC is projected to reach 1,363,211 metric tons (MT), indicating a 11% increase over 2022 production levels. The most significant volumes of rice production are expected in the north-central region, particularly in districts such as Aru (Ituri), Pangi (Maniema), Kailo (Maniema), Mahagi (Ituri), and Opala (Tshopo), with production volumes estimated at 64,568 MT, 58,859 MT, 42,470 MT, 34,353 MT, and 31,184 MT respectively. On other hand, lower production volumes are observed in Dungu (ville) (Haut-Uele), Boma (Kongo-Central),

Figure 1. DRC 2022 rice production forecast.

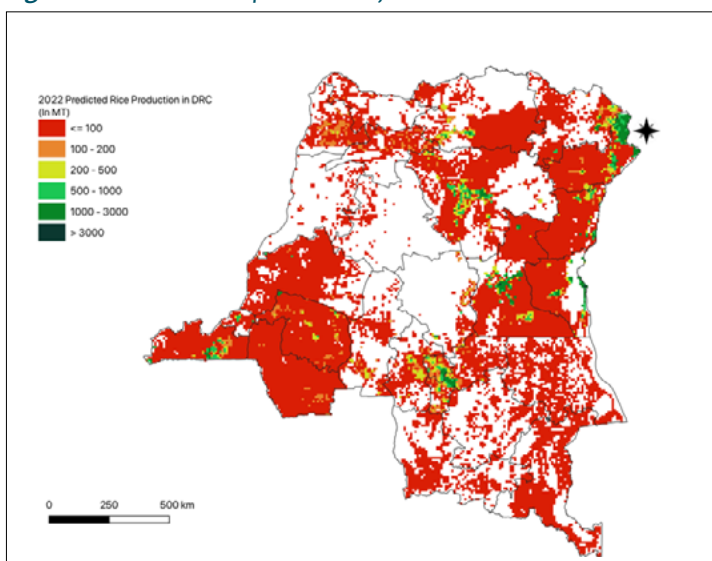


Data Source: Africa Agriculture Watch (www.aagwa.org).

Kasongo (ville) (Maniema), and Kenge (ville) (Kwango) with respectively 37 MT, 39 MT, 40 MT, and 40 MT.

Moreover, the most significant rice production increases in 2023 are expected to occur in Shabunda (Sud-Kivu), Bumba (Mongala), Gungu (Kwilu), Walikale (Nord-Kivu), and Kahemba (Kwango) with differences of respectively, 5,485 MT, 5,220 MT, 4,613 MT, 4,493 MT, and 4,343 MT. These correspond to changes of respectively, 55%, 42%, 47%, 51%, and 37%.

Figure 2. DRC 2022 rice production forecast.



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

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Annex – 2023 DRC Rice Production Forecast at District level

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Bas-Uele	Aketi	17018	14854	2164	15%
Bas-Uele	Aketi (ville)	1110	1218	-108	-9%
Bas-Uele	Ango	220	162	58	36%
Bas-Uele	Bambesa	4891	3747	1144	31%
Bas-Uele	Bondo	10917	8957	1959	22%
Bas-Uele	Buta	17156	15783	1373	9%
Bas-Uele	Poko	11715	8163	3552	44%
Équateur	Basankusu	3189	2111	1078	51%
Équateur	Basankusu (ville)	108	66	42	64%
Équateur	Bikoro	284	191	93	49%
Équateur	Bolomba	1513	1017	496	49%
Équateur	Bomongo	356	282	74	26%
Équateur	Ingende	2405	1549	856	55%
Équateur	Lukolela	442	339	103	30%
Équateur	Makanza	268	190	78	41%
Équateur	Mbandaka	566	389	177	46%
Haut-Katanga	Kambove	6212	5955	258	4%
Haut-Katanga	Kasenga	5893	6154	-261	-4%
Haut-Katanga	Kipushi	3461	2852	609	21%
Haut-Katanga	Likasi	343	250	93	37%
Haut-Katanga	Lubumbashi	901	663	239	36%
Haut-Katanga	Mitwaba	4154	4502	-348	-8%
Haut-Katanga	Pweto	8223	7146	1077	15%
Haut-Katanga	Sakania	5084	4513	572	13%
Haut-Lomami	Bukama	3160	2823	337	12%
Haut-Lomami	Kabongo	4196	3186	1010	32%
Haut-Lomami	Kamina	5213	4643	569	12%
Haut-Lomami	Kaniama	3652	3135	517	16%
Haut-Lomami	Malemba-Nkulu	4839	3906	933	24%
Haut-Uele	Aba	834	956	-122	-13%
Haut-Uele	Dungu	6342	5905	437	7%
Haut-Uele	Dungu (ville)	37	33	3	9%
Haut-Uele	Faradje	22276	21414	862	4%
Haut-Uele	Niangara	4343	3401	942	28%
Haut-Uele	Rungu	861	579	282	49%
Haut-Uele	Wamba	6688	5510	1178	21%
Haut-Uele	Wamba (ville)	142	97	46	47%
Haut-Uele	Watsa	7597	7816	-218	-3%
Haut-Uele	Watsa (ville)	1594	1784	-189	-11%
Ituri	Aru	64568	72124	-7556	-10%
Ituri	Aru (ville)	1330	1497	-167	-11%
Ituri	Bunia	1110	1243	-133	-11%
Ituri	Djugu	16273	17214	-941	-5%
Ituri	Irumu	9648	9629	18	0%

Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Ituri	Mahagi	34353	37652	-3299	-9%
Ituri	Mahagi (ville)	2364	2454	-89	-4%
Ituri	Mambasa	23229	19458	3771	19%
Kasaï	Dekese	1589	1118	472	42%
Kasaï	Ilebo	4829	3471	1358	39%
Kasaï	Ilebo (ville)	91	67	24	36%
Kasaï	Kamonia	15397	11899	3497	29%
Kasaï	Luebo	397	291	106	36%
Kasaï	Mweka	7161	5124	2037	40%
Kasaï	Tshikapa	370	373	-4	-1%
Kasaï-Central	Demba	2759	2183	576	26%
Kasaï-Central	Dibaya	12593	10336	2257	22%
Kasaï-Central	Dimbelenge	4265	3080	1185	38%
Kasaï-Central	Kananga	3085	2904	181	6%
Kasaï-Central	Kazumba	6914	4825	2089	43%
Kasaï-Central	Luiza	4392	3319	1073	32%
Kasaï-Oriental	Kabeya-Kamwanga	6605	6309	295	5%
Kasaï-Oriental	Katanda	2919	2678	241	9%
Kasaï-Oriental	Lukalaba	728	827	-99	-12%
Kasaï-Oriental	Lupatapata	6103	5777	326	6%
Kasaï-Oriental	Mbuji-Mayi	672	652	20	3%
Kasaï-Oriental	Miabi	3883	3174	710	22%
Kasaï-Oriental	Tshilenge	12451	13512	-1061	-8%
Kasaï-Oriental	Tshilenge (ville)	1183	1356	-173	-13%
Kinshasa	Kinshasa	8133	7725	408	5%
Kongo-Central	Boma	39	58	-19	-33%
Kongo-Central	Inkisi	587	650	-63	-10%
Kongo-Central	Kasangulu	2286	1754	532	30%
Kongo-Central	Kimvula	2047	1511	537	36%
Kongo-Central	Lukula	2581	2882	-301	-10%
Kongo-Central	Luozi	2914	2763	150	5%
Kongo-Central	Madimba	12625	11138	1487	13%
Kongo-Central	Mbanza-Ngungu	27384	29320	-1936	-7%
Kongo-Central	Moanda	2852	3291	-439	-13%
Kongo-Central	Moanda (ville)	459	510	-51	-10%
Kongo-Central	Seke-Banza	1294	1394	-101	-7%
Kongo-Central	Songololo	3982	4052	-70	-2%
Kongo-Central	Tshela	899	874	24	3%
Kwango	Feshi	12687	8916	3771	42%
Kwango	Kahemba	16239	11896	4343	37%
Kwango	Kasongo-Lunda	13918	11107	2811	25%
Kwango	Kenge	9723	7800	1922	25%
Kwango	Kenge (ville)	40	34	6	18%
Kwango	Popokabaka	3416	2724	693	25%
Kwilu	Bagata	14831	11912	2918	24%



Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Kwilu	Bandundu	3163	3520	-356	-10%
Kwilu	Bulungu	12768	10610	2158	20%
Kwilu	Gungu	14518	9905	4613	47%
Kwilu	Idiofa	17373	13275	4098	31%
Kwilu	Kikwit	453	469	-16	-3%
Kwilu	Masi-Manimba	8183	6228	1955	31%
Lomami	Kabinda	10179	7245	2934	41%
Lomami	Kabinda (ville)	245	208	37	18%
Lomami	Kamiji	1791	1263	528	42%
Lomami	Lubao	11800	8526	3274	38%
Lomami	Luilu	15948	13448	2500	19%
Lomami	Mwene-Ditu	563	521	42	8%
Lomami	Ngandajika	27255	28981	-1726	-6%
Lomami	Ngandajika (ville)	1321	1515	-194	-13%
Lualaba	Dilolo	8337	7360	976	13%
Lualaba	Kapanga	3968	3139	829	26%
Lualaba	Lubudi	2304	2426	-121	-5%
Lualaba	Mutshatsha	4248	4332	-84	-2%
Lualaba	Sandoa	5835	5194	641	12%
Mai-Ndombe	Bolobo	1841	1547	294	19%
Mai-Ndombe	Inongo	14217	10539	3678	35%
Mai-Ndombe	Inongo (ville)	96	65	31	47%
Mai-Ndombe	Kiri	7123	4749	2375	50%
Mai-Ndombe	Kutu	10246	7524	2722	36%
Mai-Ndombe	Kwamouth	5592	4801	791	16%
Mai-Ndombe	Mushie	4279	3348	931	28%
Mai-Ndombe	Oshwe	12227	8022	4205	52%
Mai-Ndombe	Yumbi	820	574	247	43%
Maniema	Kabambare	12236	10586	1650	16%
Maniema	Kailo	42470	44577	-2107	-5%
Maniema	Kalima	206	156	50	32%
Maniema	Kasongo	14380	12497	1883	15%
Maniema	Kasongo (ville)	40	34	6	19%
Maniema	Kibombo	11126	9526	1600	17%
Maniema	Kindu	3161	3216	-55	-2%
Maniema	Lubutu	13415	10706	2709	25%
Maniema	Lubutu (ville)	1731	1942	-211	-11%
Maniema	Pangi	58859	62248	-3389	-5%
Maniema	Punia	10060	6300	3760	60%
Mongala	Bongandanga	2997	2107	890	42%
Mongala	Bumba	17711	12492	5220	42%
Mongala	Bumba (ville)	132	87	45	52%
Mongala	Lisala	11174	7754	3420	44%
Nord-Kivu	Beni	2582	2900	-318	-11%
Nord-Kivu	Butembo	147	139	8	6%



Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Nord-Kivu	Lubero	13183	11771	1412	12%
Nord-Kivu	Masisi	3306	3199	107	3%
Nord-Kivu	Nyiragongo	154	133	22	16%
Nord-Kivu	Oicha	12901	12979	-78	-1%
Nord-Kivu	Rutshuru	11187	12247	-1061	-9%
Nord-Kivu	Walikale	13298	8805	4493	51%
Nord-Ubangi	Bosobolo	5354	4061	1293	32%
Nord-Ubangi	Businga	5878	4323	1555	36%
Nord-Ubangi	Gbadolite	793	572	221	39%
Nord-Ubangi	Mobayi-Mbongo	1088	877	211	24%
Nord-Ubangi	Yakoma	2079	1511	569	38%
Sankuru	Katako-Kombe	6661	5098	1563	31%
Sankuru	Kole	40	33	7	21%
Sankuru	Lomela	1376	1023	353	34%
Sankuru	Lubefu	6110	4857	1254	26%
Sankuru	Lusambo	4695	4359	335	8%
Sud-Kivu	Fizi	13471	13469	2	0%
Sud-Kivu	Idjwi	2355	2490	-136	-5%
Sud-Kivu	Kabare	759	601	158	26%
Sud-Kivu	Kalehe	4501	4346	155	4%
Sud-Kivu	Mwenga	19719	19887	-168	-1%
Sud-Kivu	Shabunda	15378	9893	5485	55%
Sud-Kivu	Uvira	20176	21644	-1469	-7%
Sud-Kivu	Uvira (ville)	1085	1241	-157	-13%
Sud-Kivu	Walungu	7775	8458	-683	-8%
Sud-Ubangi	Budjala	11828	8449	3379	40%
Sud-Ubangi	Gemena	13160	9933	3227	32%
Sud-Ubangi	Kungu	7825	5688	2137	38%
Sud-Ubangi	Libenge	2864	2182	681	31%
Tanganyika	Kabalo	5210	4565	645	14%
Tanganyika	Kalemie	4633	4316	317	7%
Tanganyika	Kalemie (ville)	141	105	36	34%
Tanganyika	Kongolo	4490	3450	1041	30%
Tanganyika	Kongolo (ville)	109	73	36	50%
Tanganyika	Manono	11334	10056	1278	13%
Tanganyika	Manono (ville)	228	161	67	41%
Tanganyika	Moba	6155	5483	672	12%
Tanganyika	Nyunzu	4812	4191	621	15%
Tshopo	Bafwasende	4571	3786	785	21%
Tshopo	Banalia	11830	9395	2435	26%
Tshopo	Basoko	13045	10815	2230	21%
Tshopo	Isangi	29586	29956	-371	-1%
Tshopo	Isangi (ville)	42	33	9	27%
Tshopo	Kisangani	15998	17940	-1942	-11%
Tshopo	Opala	31184	29932	1252	4%



Provinces	Districts	2023 Production (MT)	2022 Production (MT)	Difference (MT)	Change (%)
Tshopo	Ubundu	19096	16303	2792	17%
Tshopo	Yahuma	6514	5021	1493	30%
Tshuapa	Befale	1957	1302	655	50%
Tshuapa	Boende	3893	2494	1398	56%
Tshuapa	Bokungu	186	129	57	44%
Tshuapa	Djolu	133	98	34	35%
Tshuapa	Ikela	201	147	54	36%
Tshuapa	Monkoto	1344	883	460	52%
Total		1363211	1224462	138749	11%

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

Change: refers to the relative difference and is calculated as (2023 prod – 2022 prod) divided by 2022 prod.

Suggested Citation: Ndoye, A., M. Dia, and K. Dia. 2023. AAgWa Crop Production Forecasts Brief Series: DRC – Rice. AAgWa Crop Production Forecasts Brief Series, No. 91. Kigali: AKADEMIYA2063. <https://doi.org/10.54067/acpf.91>