FACTSHEET ON NATIONAL BLOOD SERVICE ACTIVITIES: 2020

Organisation of the Blood Transfusion Services in Ghana		
Blood Service established by law		Yes
Established National Policy		Yes
Blood system: centralized or decentralized		centralized and decentralized
Blood Safety and Screening by National Blood Service Ghana		
Blood tested for HIV		Yes (according to the National Blood Policy)
Blood tested for Hepatitis B Virus		Yes (according to the National Blood Policy)
Blood tested for Hepatitis C Virus		Yes (according to the National Blood Policy)
Blood tested for malaria		No
Blood tested for syphilis		Yes (according to the National Blood Policy)
Donor population		
Percentage of donation collected by NBS from Voluntary unpaid donors *(WHO recommendation : 100%)*		33%
Percentage of donations collected by NBS from family replacement donors		67%
Paid donation		Not practiced in Ghana
Blood Supply by National Blood Service		
Total population in the country		30,417,856
Estimated blood needed *(WHO recommendation : 1% of total population)*		304,179 units [a]
Blood units collected by NBS		180,693 (2019)
Estimated blood needed per 1000 Population		10
Blood units collected per 1000 population		6.0 (2019)
Blood Type Prevalence in Ghana [b]		
Blood type	Ghana prevalence	Compatibility
O+ O-	48% 4%	Group O blood can be given to patients with all blood types, but blood group O patients can only receive type O blood. Meanwhile people with any blood type can always give blood.
A+ A-	19% 2%	Group A blood can be given to patients with blood types A and AB, and blood group A patients can receive types A and O blood. People with any blood type can always give blood

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B+	21%	Group B blood can be given to patients with blood types A and AB, and blood group B patients can receive types B and O blood. However, no matter your blood type, you can always give blood
B-	2%	
AB+	3%	Group AB blood can be given to patients with blood type AB only but blood group AB patients can receive any blood type. Irrespective of your blood type, you can always give blood
AB-	1%	

Notes:

a The World Health Organization recommends the minimum level of blood needed by a country is 1% of the entire population. For 2019, the estimated population in Ghana is 30,417,856 therefore an estimated 304,179 units of blood is needed.

b Blood type prevelance shows the rarest and commonest blood types found in Ghana and the compatibility of each blood type