

# The Big Blood Picture 2023

## Blood Collection

Mean donations/year per  
1000 population: **20.7**

**122,668**  
Whole Blood  
Collection

**32,411**  
donations at  
Bloodbank@HSA

**17,088**  
donations at  
Bloodbank@Woodlands

**27,261**  
donations at  
Bloodbank@Dhoby Ghaut

**23,559**  
donations at  
Bloodbank@Westgate Tower

**6,194**  
donations at  
Bloodbank@One Punggol

**16,155**  
donations at  
Blood mobiles

**8,378**  
Apheresis  
Collection\*

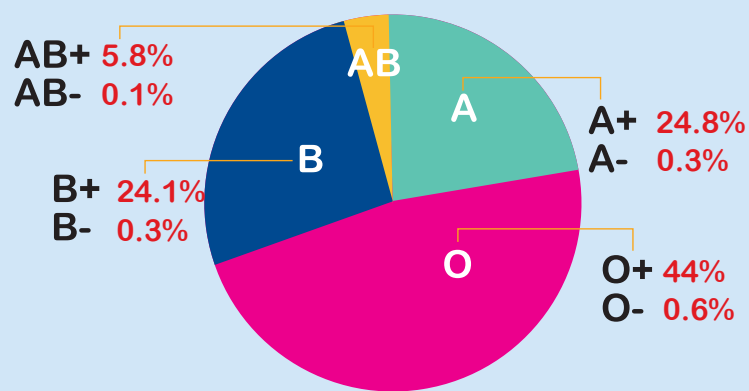
\*Apheresis collection refers to  
donations of specific blood  
components such as  
platelets or plasma.

## Blood Donors

**77,424**  
**= 1.87%**

(Based on Department of Statistics Singapore's total Singapore  
residents of 4,149,253)

## Donors by Blood Type



Unless otherwise stated, all figures are for the period 1 January to 31 December 2023.

**60%**  
Male Donors

**40%**  
Female Donors

1st Time Donors **22%** Regular Donors **39%** Youth Donors **15%**

**345** highest  
number of  
donations  
made by a  
single donor

**31** donors made  
their 200th  
donation

**93** donors  
made their  
100th  
donation

## Estimated Blood Usage Rate for 2024



1 Hour



1 Day



1 Year

## Blood Processing and Testing

**400,173**

blood components  
processed

**1,413,287**

laboratory tests conducted on  
blood components

All donated blood collected is sent for processing and testing  
at the HSA's laboratories before it is transfused to patients.

## Annual Estimate of Singapore's Blood Usage



**58%**



**29%**



**7%**



**6%**

## Life-Saving Components of Blood

Medical Condition	Average Number of Units Needed Per Patient
Thalassaemia	3 to 4 red cell units per month
Coronary Artery Bypass Graft (CABG)	2 to 3 red cell units
Blood Cancer Treatment & Stem Cell Transplant	1 to 2 red cell units and 1 to 2 adult dose of platelet units per week
Road Traffic Accident	8 red cell units
Gastrointestinal Bleed	6 red cell units
Liver Transplant	10 red cell units

**Donate at any of our Bloodbanks today • Call us at 6220 0183 or visit [giveblood.sg](https://giveblood.sg) for more information.**

**Make an  
appointment**



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**Bloodbank@HSA**  
Health Sciences Authority  
(Opposite Outram Park MRT Station)

**Bloodbank@Woodlands**  
Woodlands Civic Centre  
(Opposite Causeway Point,  
Woodlands MRT Station)

**Bloodbank@Dhoby Ghaut**  
Dhoby Xchange  
(Dhoby Ghaut MRT Station)

**Bloodbank@One Punggol**  
One Punggol  
(Sam Kee LRT Station)

**Bloodbank@Westgate Tower**  
Westgate Tower  
(Jurong East MRT Station)



**Give Blood. Save Lives.**