The Big Blood Picture 2019

As the National Blood Service, HSA aims to provide a safe and adequate blood supply to all patients who need blood transfusion.

Blood Donors
75,655
= 1.87% (Based on Department of Statistics Singapore latest update on the total Singapore Residents of 4,026,200)

1st Time Donors 23%
Regular Donors 37%
Youth Donors 24%

60% Male Donors
40% Female Donors

Blood Collection
116,789
Whole Blood Collection

25,843 donations at Bloodbank@HSA
13,614 donations at Bloodbank@Woodlands
26,572 donations at Bloodbank@Doby Ghaut
19,856 donations at Bloodbank@Westgate Tower
30,904 donations at Bloodmorris

116,789

7,809 Apheresis Collection*
307 highest number of donations made by a single donor
16 donors made their 200th donation
74 donors made their 100th donation

Donors by Blood Type
AB+ 5.6%
AB- 0.1%
A+ 24.6%
A- 0.3%
B+ 25.2%
B- 0.3%
O+ 43.3%
O- 0.6%

Unless otherwise stated, all figures are for the period 1 January to 31 December 2019.

Estimated Blood Usage Rate for 2020

14 units needed
1 Hour

325 units needed
1 Day

118,750 units needed
1 Year

Annual Estimate of Singapore’s Blood Usage

54% Surgery (including transplant surgery)
31% General Medicine
9% Haematology (blood diseases)
6% Accident & Emergency

Blood Processing and Testing

380,082 blood components processed
1,307,966 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.

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

Bloodbank@Doby Ghaut
Doby Xchange
(Doby Ghaut MRT Station)

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

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

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
1 to 2 red cell units and 1 to 2 adult dose of platelet units per week

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
4 red cell units

Liver Transplant
10 red cell units

Donate at any of our blood banks today + Call us at 6220 0183 or visit giveblood.sg for more information.

Partners in the National Blood Programme

HSA SINGAPORE