The Big Blood Picture 2020

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

**Blood Donors**

72,130

= 1.78%

(Based on Department of Statistics Singapore latest update on the total Singapore Residents of 4,044,200)

**Donors by Blood Type**

- AB+ 5.9%
- AB- 0.1%
- A+ 24.7%
- A- 0.3%
- B+ 25%
- B- 0.3%
- O+ 43.1%
- O- 0.6%

**Estimated Blood Usage Rate for 2021**

- 14 units needed 1 Hour
- 325 units needed 1 Day
- 118,750 units needed 1 Year

**Blood Processing and Testing**

- 385,877 blood components processed
- 1,306,675 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**

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

**Medical Condition**

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

**Blood Donor Recruiter**

Singapore Red Cross (SRC) is the National Blood Donor Recruiter. SRC recruits, retains and educates blood donors to meet national blood needs.

**Blood Collection**

117,272

Whole Blood Collection

309 highest number of donations made by a single donor

16 donors made their 200th donation

90 donors made their 100th donation

**Apheresis Collection**

*Based on Department of Statistics Singapore latest update on the total Singapore Residents of 4,044,200.

**Donate at any of our blood banks today**

- Call us at 6220 0183 or visit giveblood.sg for more information.

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

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

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

**Make an appointment**

**Partners in the National Blood Programme**

**Give Blood. Save Lives.**