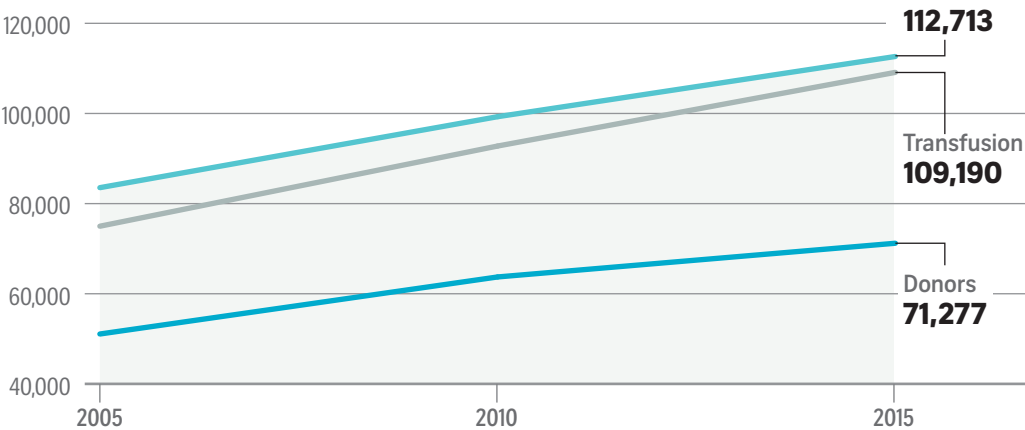


Getting blood where it's needed

The Health Sciences Authority (HSA) aims to supply the safest possible blood to all patients who need blood transfusion.

BLOOD DEMAND AND USAGE OVER THE YEARS



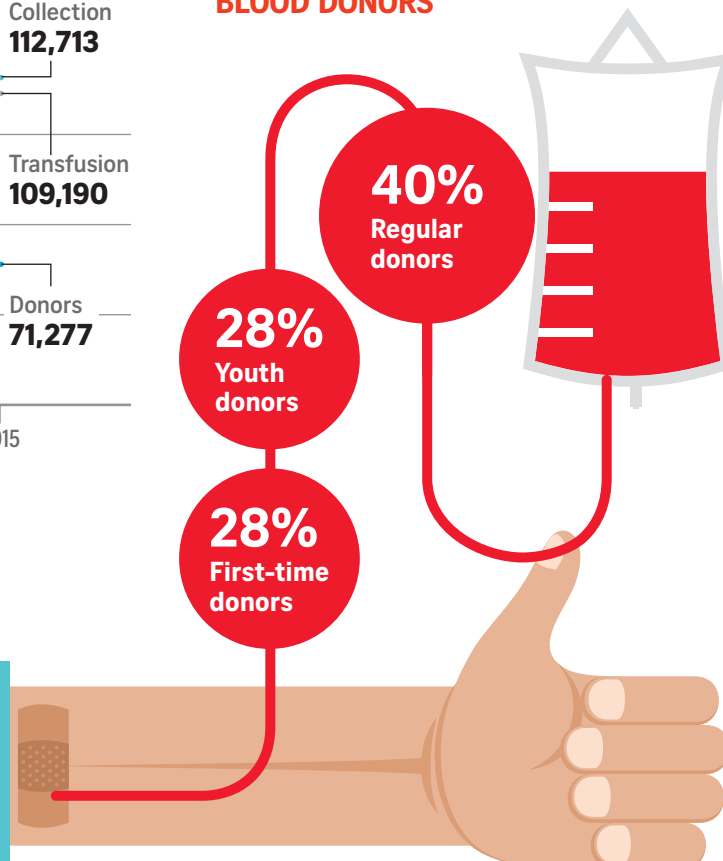
DONORS BY GENDER



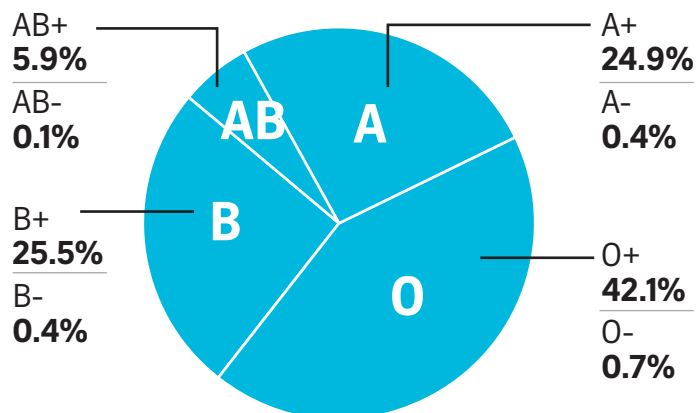
TOTAL NUMBER OF BLOOD DONORS IN SINGAPORE

71,277 = 1.83% of the country's residential population

BLOOD DONORS

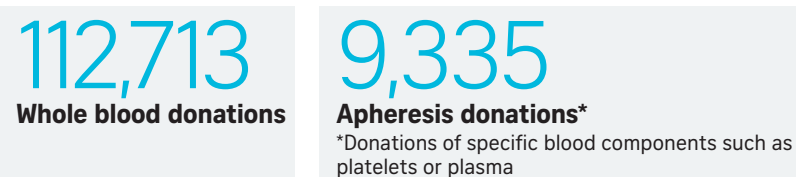


DONORS BY BLOOD TYPE



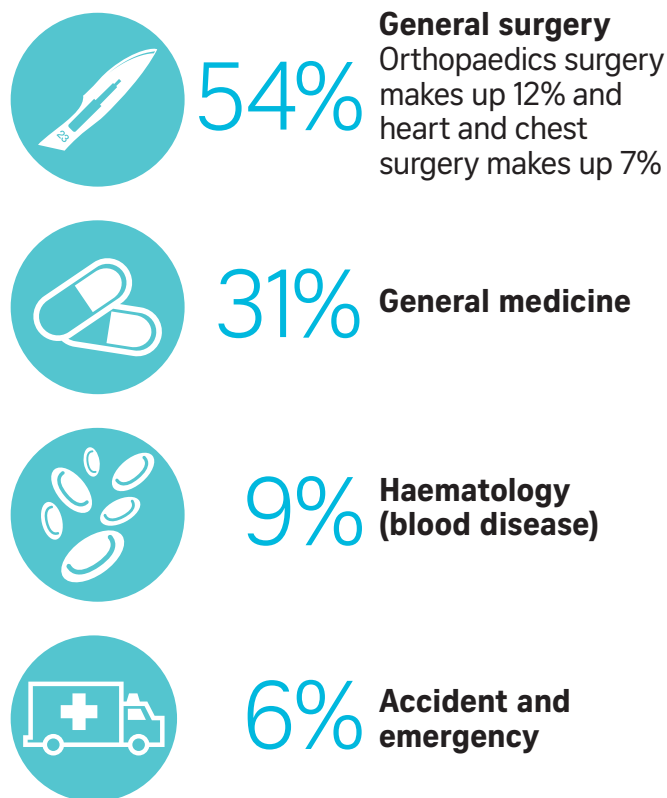
NOTE: All figures are for the period Jan 1 to Dec 31, 2015.

BLOOD COLLECTION



280 Highest number of donations made by a single donor
18 Donors made their 200th donation

BLOOD USAGE IN SINGAPORE



NOTE: The figures are representative of Singapore's blood usage in 2015

ESTIMATED BLOOD USAGE RATE FOR 2016



LIFE-SAVING COMPONENTS OF BLOOD

Medical condition	Average number of units needed per patient
Dengue haemorrhagic fever	3-4 adult dose platelet units
Thalassaemia	3-4 red cell units per month
Coronary artery bypass graft	2-3 red cell units
Cancer treatment	3-4 red cell units per week 3-4 adult dose platelet units per week
Stem cell transplant	3-4 red cell units per week 3-4 adult dose platelet units per week
Road traffic accident	8 red cell units
Gastrointestinal bleed	6 red cell units
Liver transplant	10 red cell units