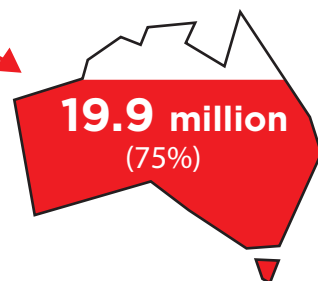


Of the  
**26.7 million**

2024 mid-year general  
population of Australia,



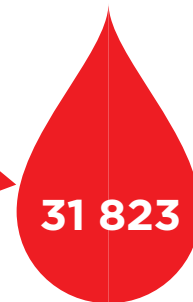
were age eligible  
for blood donation

and of those  
eligible,



**1.66**  
*million*

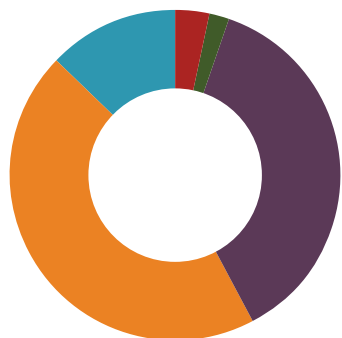
blood donations



more  
donations  
than in 2023

In 2024  
among the TTIs routinely tested for,

**205** were detected in 204 donors



- Hepatitis B virus (HBV)
- Hepatitis C virus (HCV)
- HIV
- Human T-lymphotropic virus (HTLV)
- Syphilis

Although first-time donors are only

**19%**

of the donor population,  
they contributed to

**75%**

of TTIs in 2024

**1<sup>st</sup>**  
**time**  
**donors**

and the number of

transfusion-transmitted HBV, HCV,  
HIV, HTLV or syphilis infections  
reported in Australian transfusion  
recipients during 2024 was

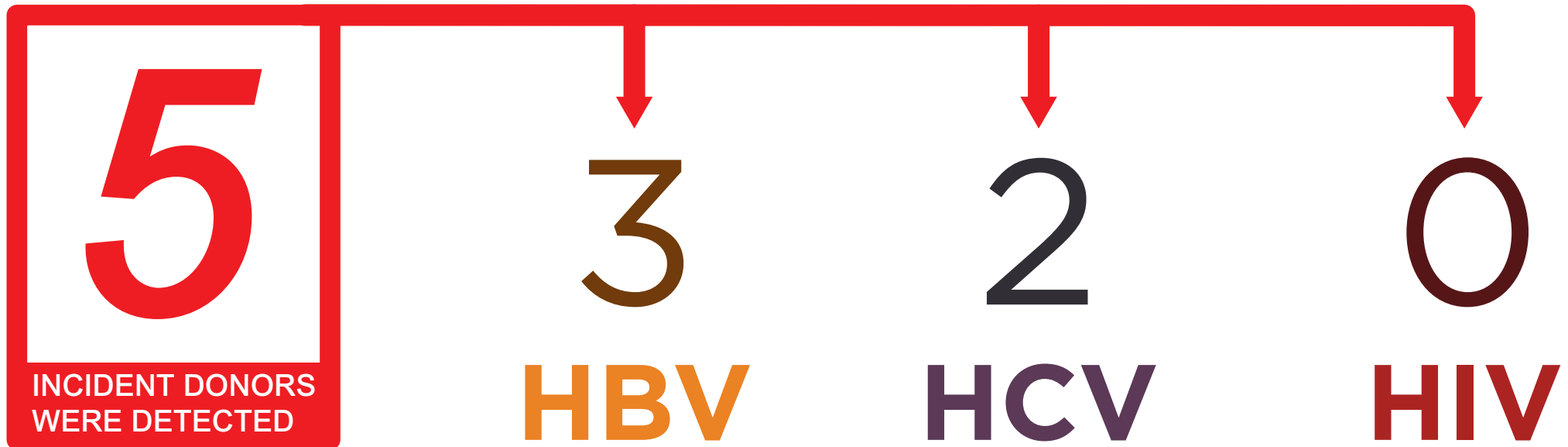
**Zero**



## Number of incident donors by pathogen

Incident infections are the most concerning from a blood safety perspective, as in contrast to prevalent infections they are more likely to be in the so-called testing 'window period' making them undetectable by the screening test(s).

In 2024



The estimated residual risk  
of HBV, HCV, HIV, HTLV  
infection per unit transfused

=

***less than 1 in 1 million***

see <https://www.lifeblood.com.au/health-professionals/clinical-practice/adverse-events/other-transfusion-transmitted-infections> for more detail

Also in 2024

● **135 826** platelet donations screened for bacterial contamination

- Transfusion-transmitted bacterial infections = **4 confirmed cases**
- Most commonly isolated bacteria: *Cutibacterium* species & coagulase-negative staphylococci (~88%); most likely to be skin contaminants

● There were **2** cases of confirmed transfusion-transmitted hepatitis E virus (HEV)

● The prevalence of **TTIs** were

**4, 24, and 187 times lower**

among first-time donors compared with national prevalence for HBV, HIV and HCV respectively.

● Among the **92 HBV**-positive donors,

**27** were classified as **occult HBV (OBI)** based on the detection of HBV DNA without HBsAg.  
*and* most donors with **OBI** were men and had an average age of 55 years.

● **26** donors (10 first-time and 16 repeat) were positive for **potentially infectious Syphilis**