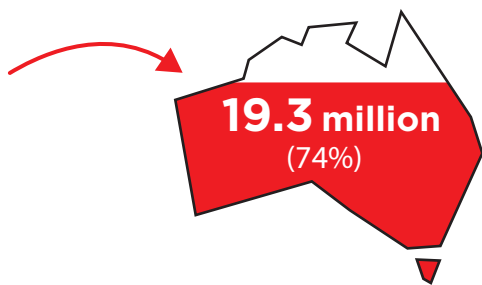


Of the
26.0 million

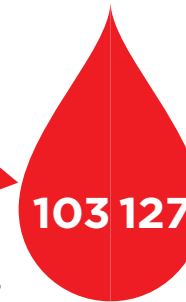
2023 mid-year general population of Australia,



were age eligible for blood donation (18-80 year old) and of those eligible,



1.63 million blood donations



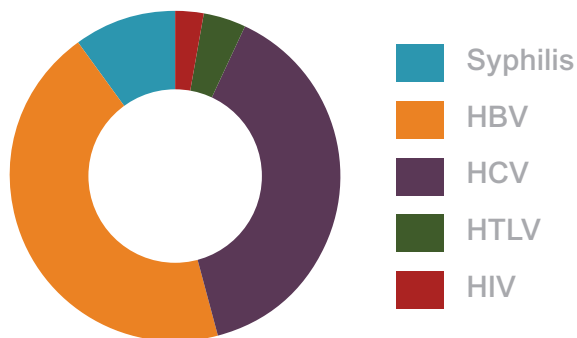
103 127 more donations than in 2022

In 2023

213

TTIs were detected in 212 donors for which testing is in place

(i.e human immunodeficiency virus [HIV], hepatitis B virus [HBV], hepatitis C virus [HCV], human T lymphotropic virus [HTLV] and syphilis)



Although first-time donors are only

19%

of the donor population, they contributed to

85%

of TTIs in 2023

1st time donors

and the number of

transfusion-transmitted HIV, HCV, HTLV, HBV or syphilis infections reported in Australian transfusion recipients during 2023 was

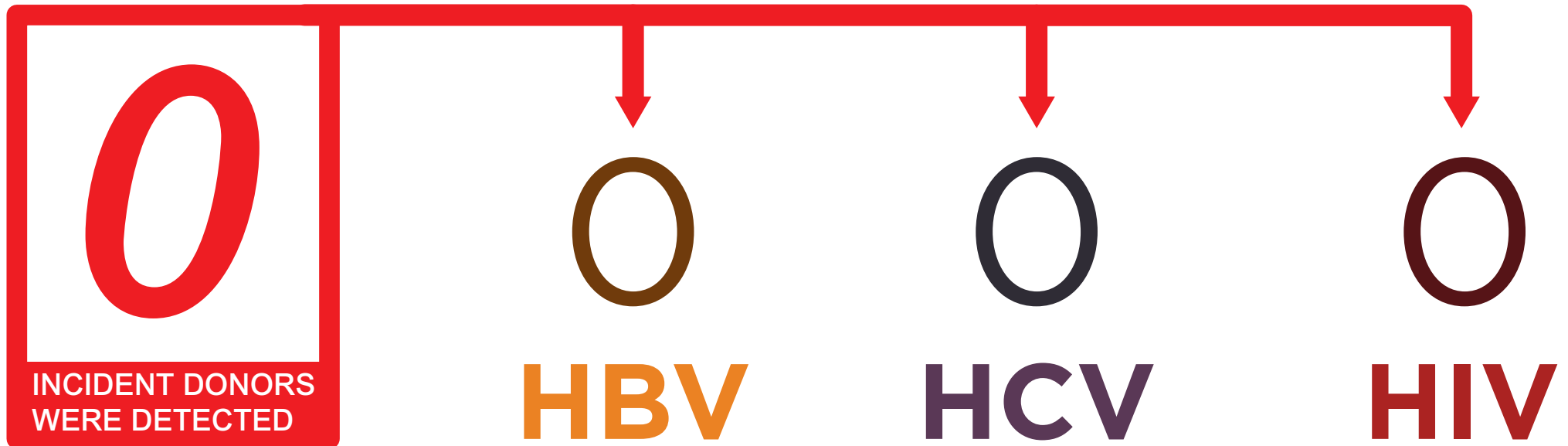
Zero



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 2023



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 2023

● **131 486** platelet donations screened for bacterial contamination

- Transfusion-transmitted bacterial infections = **0 confirmed cases**
 - Most commonly isolated bacteria: *Cutibacterium* species & coagulase-negative staphylococci (~91%); most likely to be skin contaminants
-

● The prevalence of **TTIs** were

4 - 24 times lower

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

● Among the **94 HBV**-positive donors,

16 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 53 years.

● **21** donors (11 first-time and 10 repeat) were positive for **potentially infectious Syphilis**
