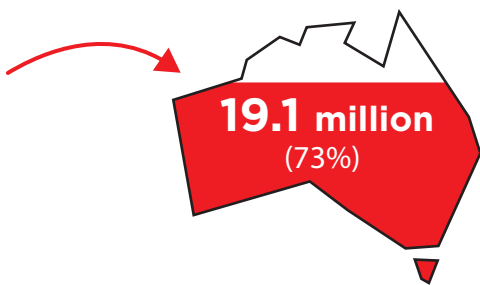


Of the
25.9 million

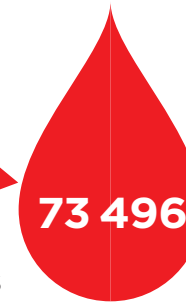
2022 mid-year general population of Australia,



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



1.53 million blood donations



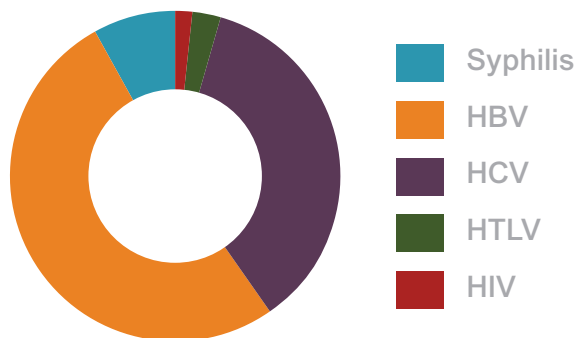
73 496 less donations than in 2021

In 2022

178

donors were detected to be positive for at least one TTI 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

22%

of the donor population, they contributed to approximately

85%

of TTIs in 2022

1st time donors

and the number of

transfusion-transmitted HIV, HCV, HTLV, HBV or syphilis infections reported in Australian transfusion recipients during 2022 was

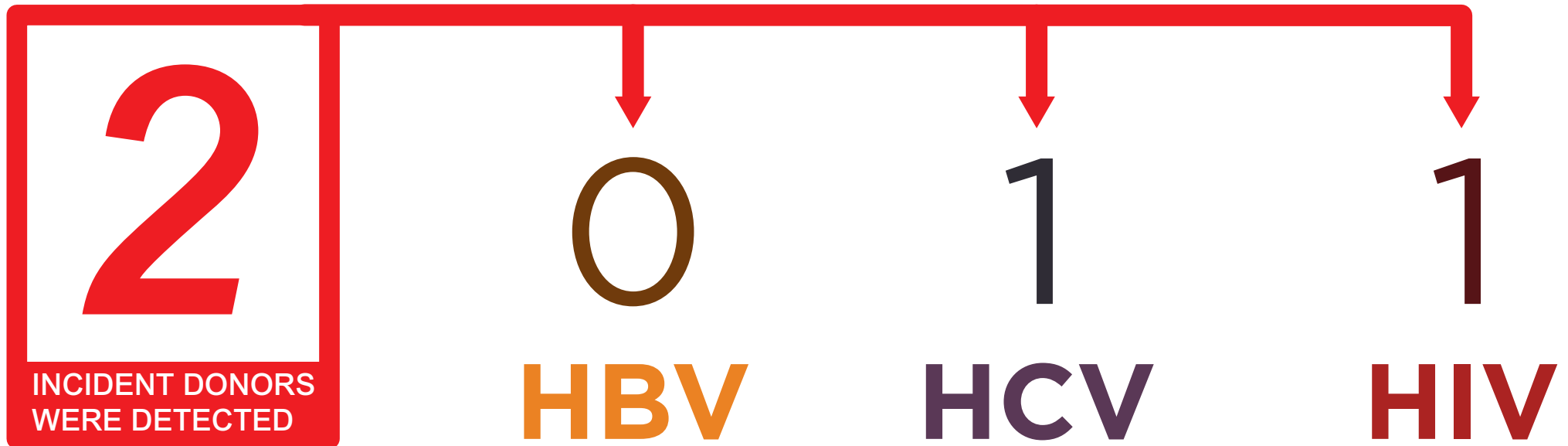
Zero



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 2022



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 2022

● **123 751** platelet donations screened for bacterial contamination

- Transfusion-transmitted bacterial infections = **0 confirmed cases**
 - Most commonly isolated bacteria: *Cutibacterium* species & coagulase-negative staphylococci (89%); most likely to be skin contaminants
-

● The prevalence of **TTIs** were

6 - 64 times lower

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

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

19 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 52 years.

● **14** donors (8 first-time and 6 repeat) were positive for potentially infectious **Syphilis**
