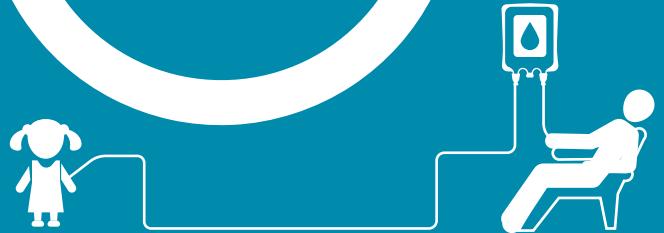
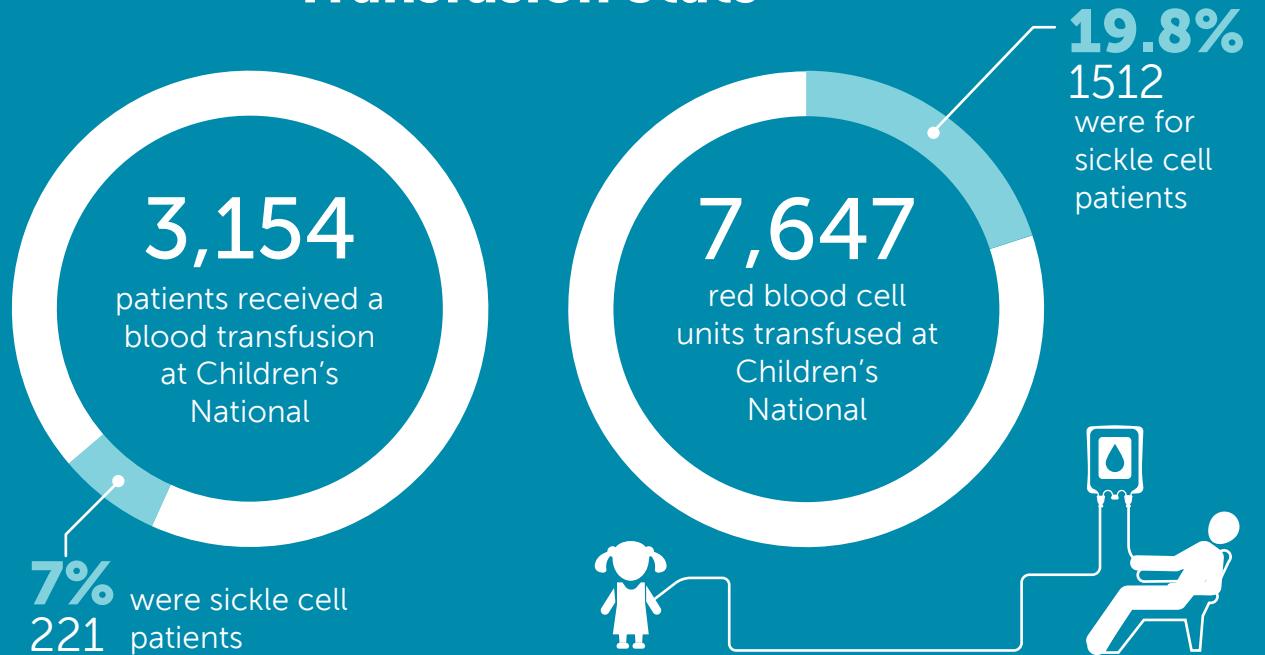




Children's National.

BLOOD TRANSFUSIONS AND SICKLE CELL DISEASE

Transfusion Stats



Data above represents calendar year 2018

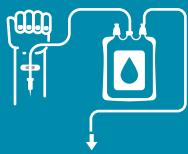
Blood Donation Stats



The Blood Donor Center collects thousands of blood and platelet donations every year and provides essential services for Children's National patients.



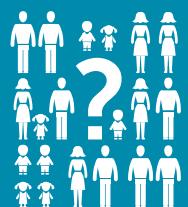
The average person has 8-12 pints of blood in their body.



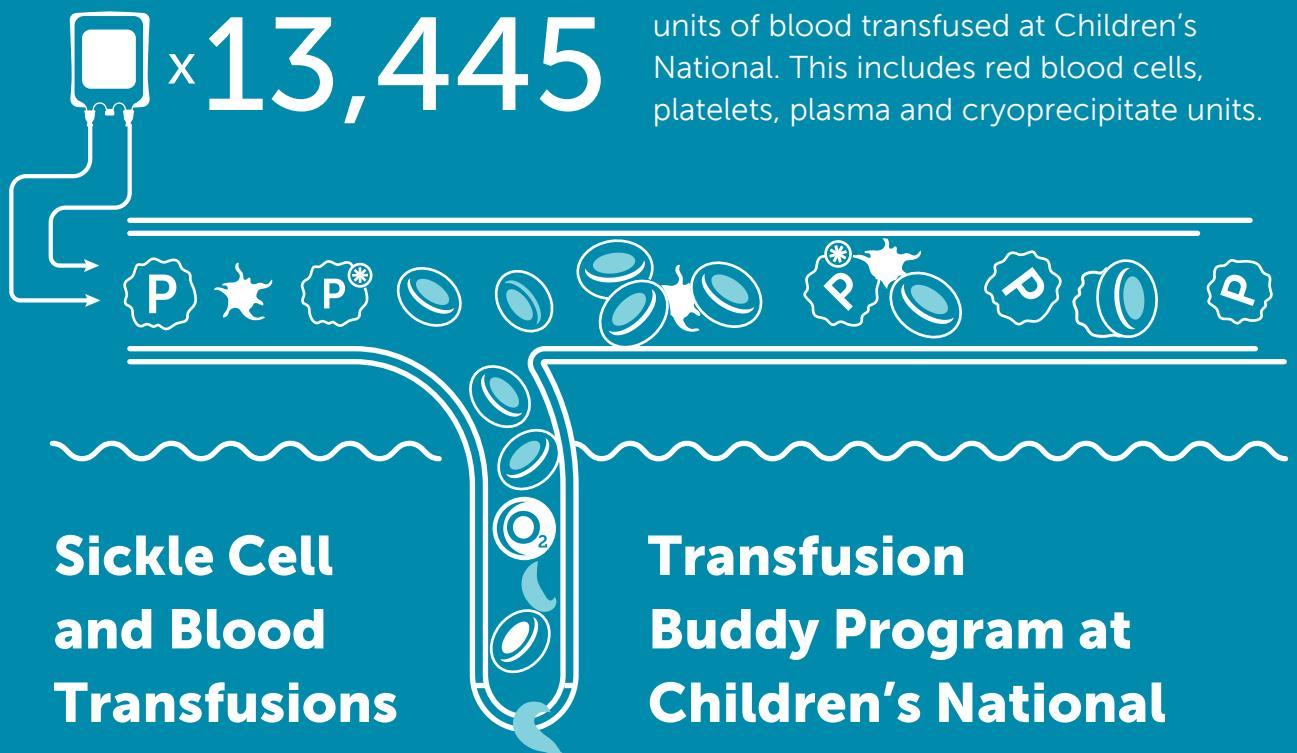
Standard blood donation provides just one pint of blood.



One pint of blood can be used for as many as 4-5 children.



1 out of 20 people need a blood donation at some point in their lives.



Sickle Cell and Blood Transfusions

Red blood cells carry oxygen to organs throughout the body. Red blood cell transfusions are especially important to sickle cell patients, as they decrease anemia and reduce the concentration of sickle cells in the body.

Transfusion Buddy Program at Children's National

Some children, including patients with sickle cell disease, need blood transfusions regularly, but tend to develop antibodies that 'reject' those transfusions. The Transfusion Buddy Program matches children with donors that have blood that is closely 'matched' to theirs. This makes finding compatible blood for future transfusion easier.