

NIBTS Hospital Blood Supply Chain 2017/18

Red Cell Issues



Red cell issues to hospitals have reduced by 4.8%, ending 2017/18 at 41,396 units.

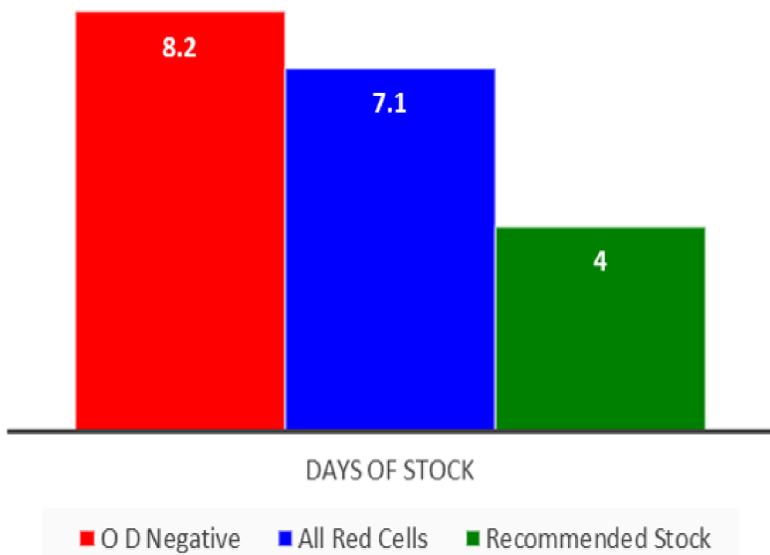


O D Negative red cell issues have increased by 0.7%, ending 2017/18 at 6,197 units.

Red Cell Stock

- Hospitals held an average of 7.1 days red cell stock.
- The stock of O D negative red cells held by hospitals is on average 8.2 days.

Hospital - days of stock



TOP TIPS

- Hospitals should review their stock levels frequently with a view to decreasing red cell stock to no more than 3/4 days of stock, particularly for O D Negative red cells.
- Hospitals should review the specification of O D Negative emergency units and adhere to the [BSH guidelines for management of major haemorrhage](#). It is not necessary to specify C, E Negative, CMV Negative or Sickle Negative red cells.
- O D Negative and K Negative red cells are only required for females < 50 years old.

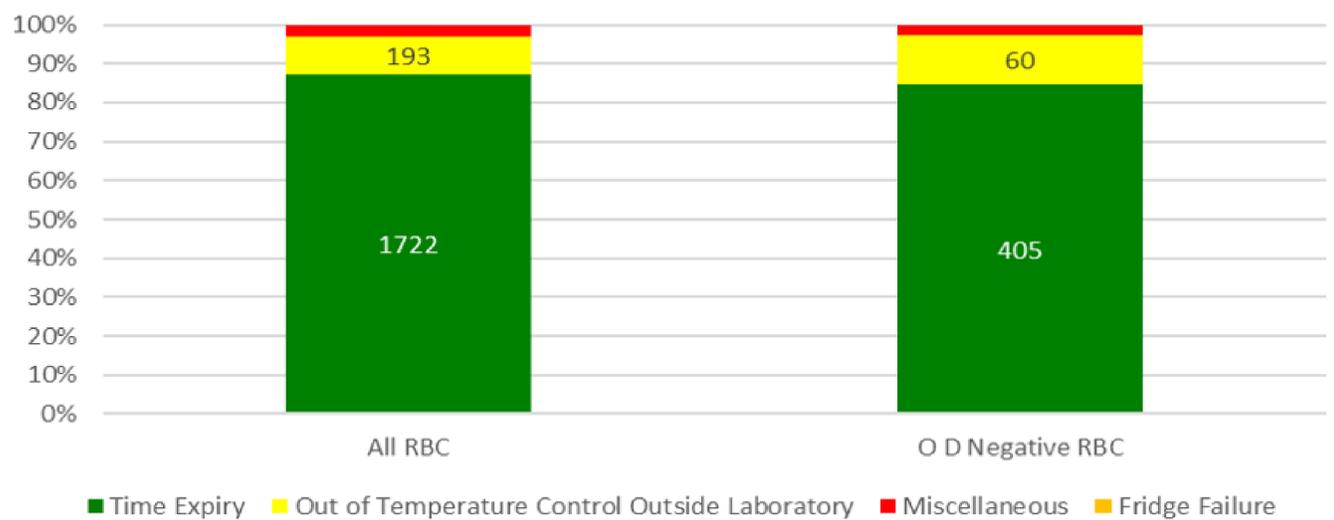
Red Cell Wastage

1,722 (WAPI* 4.8%) units of red cells were wasted within hospitals.

495 (WAPI* 7.7%) units of O D Negative red cells were wasted with hospitals.

* Wastage As Percentage of Issues

Red Cell Wastage Breakdown



TOP TIPS

- Nationally for Northern Ireland 4.8% of red cells and 7.7% of O D Negative red cells are wasted in hospitals. This amount of wastage should be addressed. Hospitals should set a Key Performance Indicator for wastage. A starting point should be the national wastage as a percentage of issues (WAPI).
- Hospitals should review and implement the [60 minute rule \(Change notification 33\)](#). This has the potential to improve wastage of red cells in the OTCOL category.

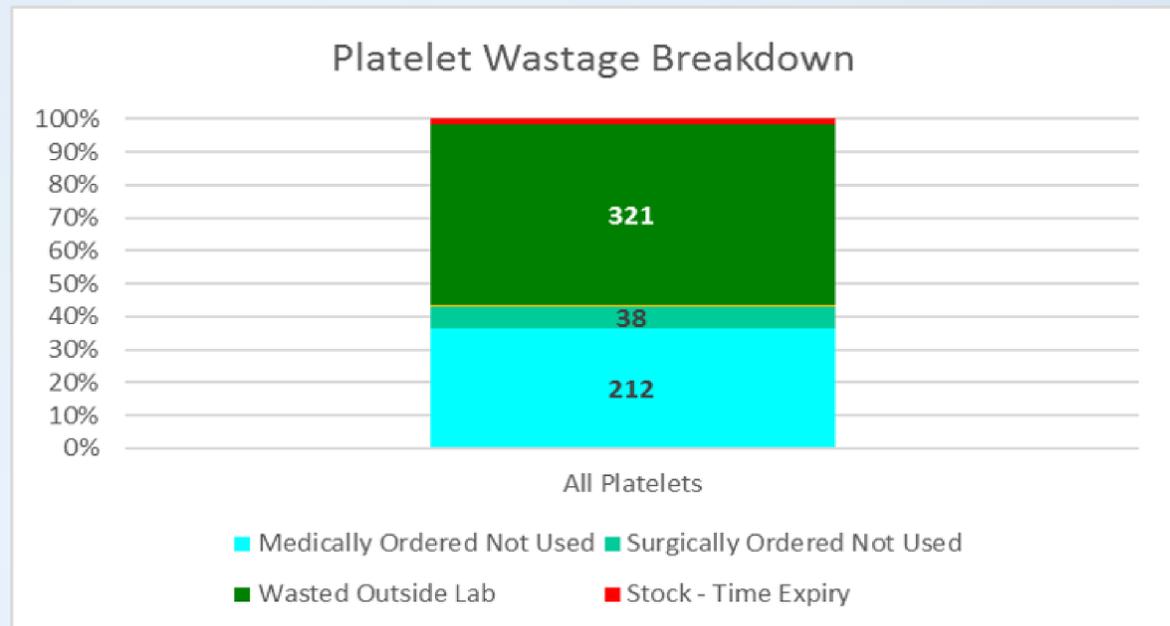
Platelet Issues



- Platelet issues to hospitals have reduced by 7.3%, ending 2017/18 at 6,870 units.
- Platelet issues generally have declined in 2017/18 when compared to previous years.

Platelet Wastage

580 (WAPI*8.4%) units of platelets were wasted within hospitals



TOP TIPS

- It is not necessary to hold A D Negative platelets as an emergency platelet stock.
- It is usually not necessary to specify CMV Negative and/or apheresis for emergency stock.

Frozen Component Wastage



Wastage of FFP amounted to 153 units in 2017/18. The majority of wastage occurs when the FFP is thawed and not used due to trauma (TTMH).

44 units of FFP were time expired.

There are insufficient Cryoprecipitate wastage entries to make the data meaningful.

Where can I find out more information?



The BMS website -
<http://www.bloodstocks.co.uk>

A practical guide for the haematological management of major haemorrhage -
<https://b-s-h.org.uk/guidelines/guidelines/haematological-management-of-major-haemorrhage/>

60 minute rule (Change notification 33) -
<https://www.transfusionguidelines.org/red-book/change-notifications>

Any queries please contact bsms@nhsbt.nhs.uk