



Australian Red Cross
BLOOD SERVICE

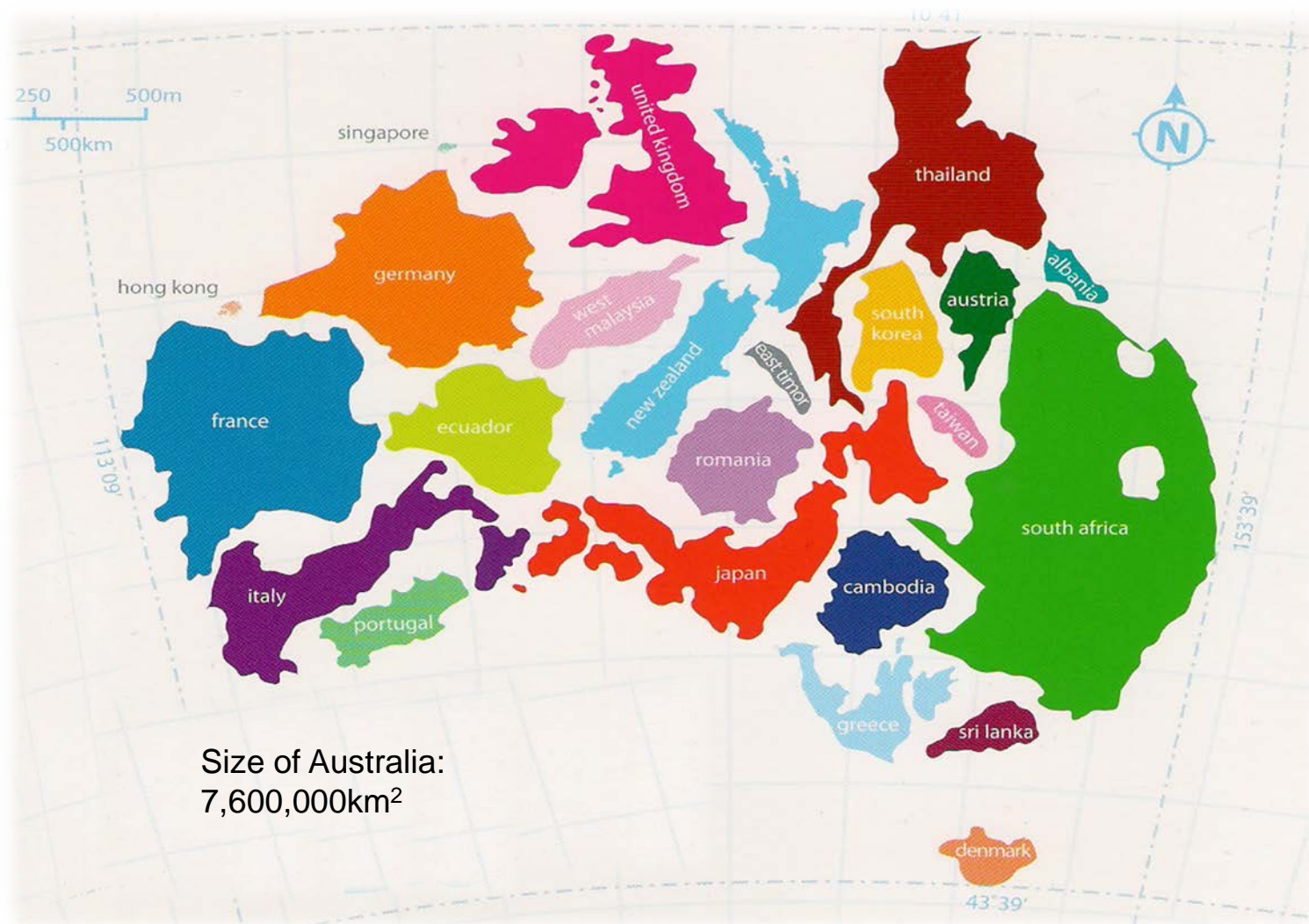
INTERNATIONAL PLASMA FRACTIONATION ASSOCIATION ASIA PACIFIC WORKSHOP ON PLASMA QUALITY AND SUPPLY
Taiwan, 8 March 2016

Organisation of Blood/Plasma Collection in Australia

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AUSTRALIA – IT'S A BIG COUNTRY

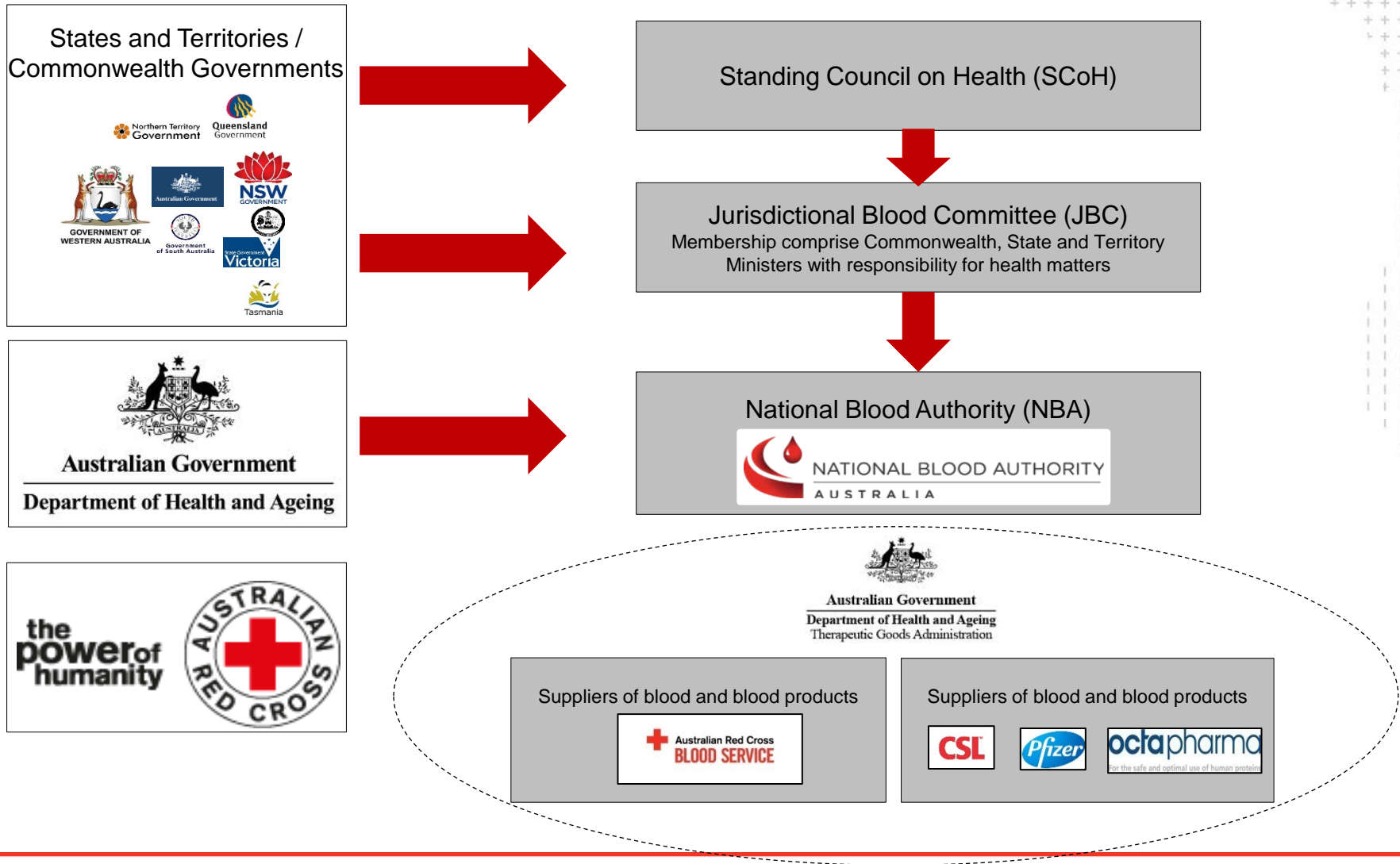


KEY FEATURES OF AUSTRALIA'S BLOOD SYSTEM

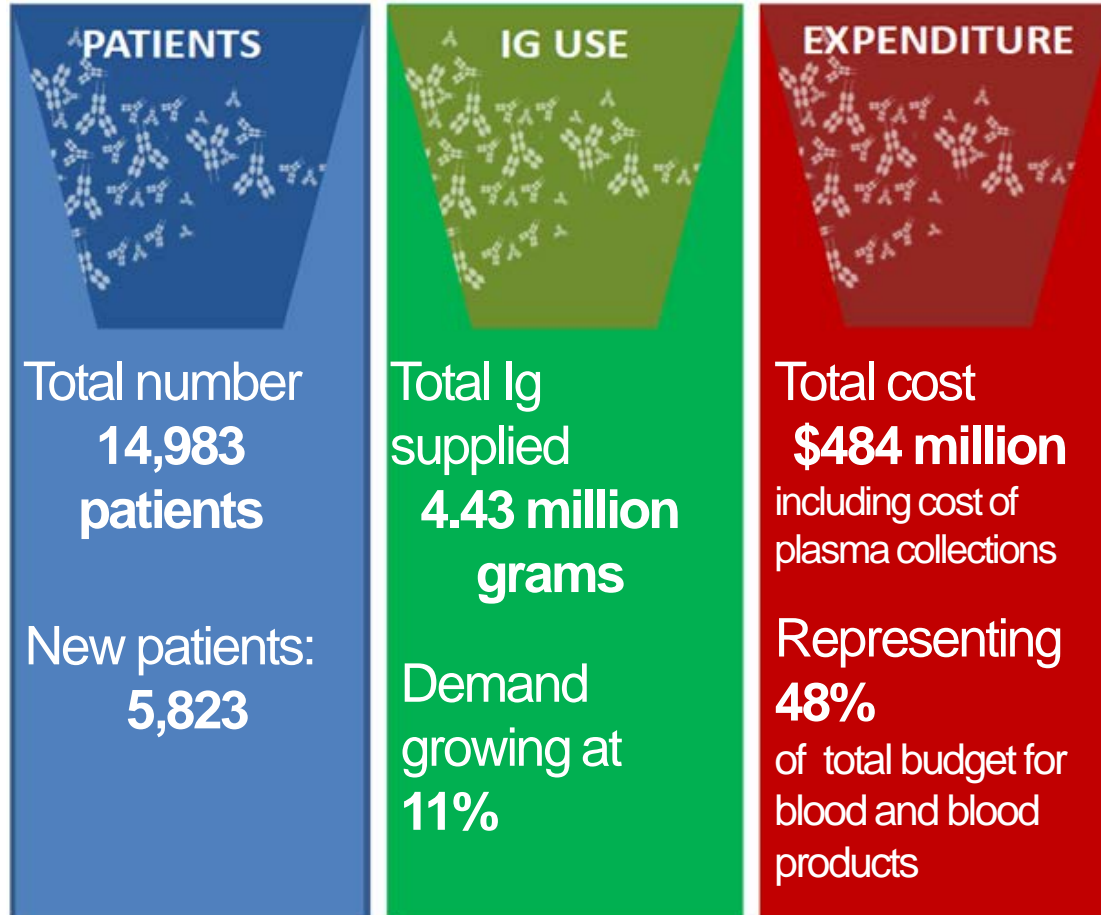
- Voluntary non-remunerated blood donors
- Product is free to the recipient
- Australian Red Cross Blood Service is the national blood service provider
(other than for fractionated products)
- Onshore Fractionator – CSL
- Fractionated products returned to the Blood Service for distribution
- National Blood Authority (NBA) purchases imported fractionated products that the Blood Service also distributes



AUSTRALIAN BLOOD SECTOR GOVERNANCE

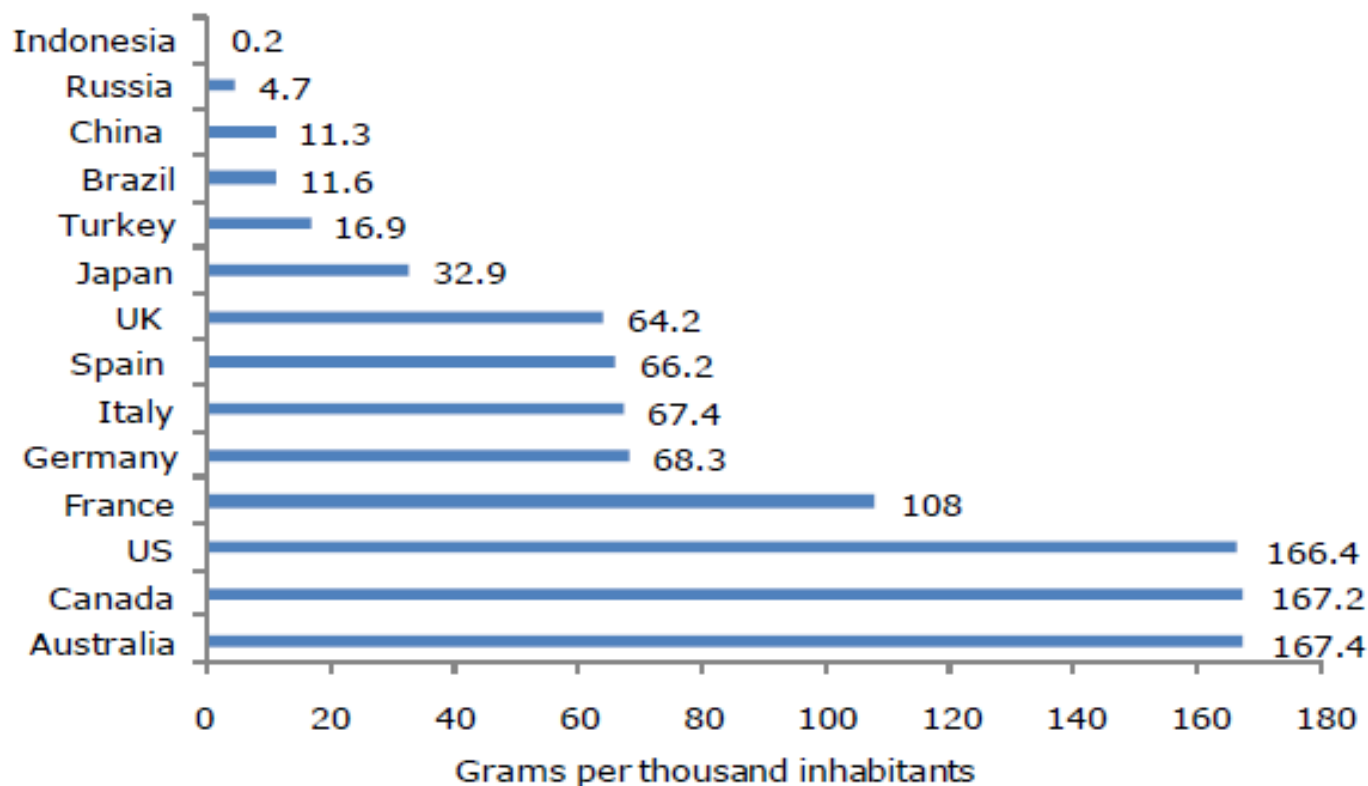


IG SNAPSHOT 2014/15



IVIG CONSUMPTION PER CAPITA - 2012*

From most recent 2013/14 data: Australia 175g USA 168g (and still growing)



* Data source: Global Blood Plasma Market Report - 2014 Edition (Koncept analytics)

IG DEMAND

- The key driver of plasma for fractionation in Australia is Ig. Since the 1980s, the demand for IVIg greatly increased, both internationally and in Australia.
- In the late 1990s, worldwide shortages prompted action by Australian governments to ensure that IVIg was available for those most in need.
- Since that time, the strategies to ensure an adequate supply have included:
 - Increasing the manufacture of IVIg in Australia, and
 - Importing IVIg from overseas suppliers
 - Limiting access under the National Blood Arrangements to those patients meeting the specified condition and eligibility criteria – the introduction of *Ig Governance framework*

THE STORY OF AUSTRALIAN PLASMA

- 2004** IVIg imports began in 2004 to meet demand which was by 2005 increasing at an average of 14.8% per annum.
- 2008** 28% of IVIg was imported. Plasma collections grew at 14% from 2006/07 to 12/13
- 2009** NBA switched from purchasing all the plasma the Blood Service could supply, to a set target
- 2013** NBA indicated that they would not accept any increase in plasma target for the year 2014/15. Blood Service agreed to fund an increased target by using money from capital funds. (IVIg demand increasing by 11-12% a year)
- 2015 (*)** Blood Service collected 572 tonnes plasma for fractionation, meeting 60% IVIg demand
- 2016 (*)** Target set at 601 tonnes (sufficient for 57.8% of IVIg demand)
- Plasma for fractionation collections have increased from ~300 to 601 tonnes in 12 years
 - Current infrastructure capacity to collect up to 1.3M plasma donations per annum

(*) Note: to 30 June

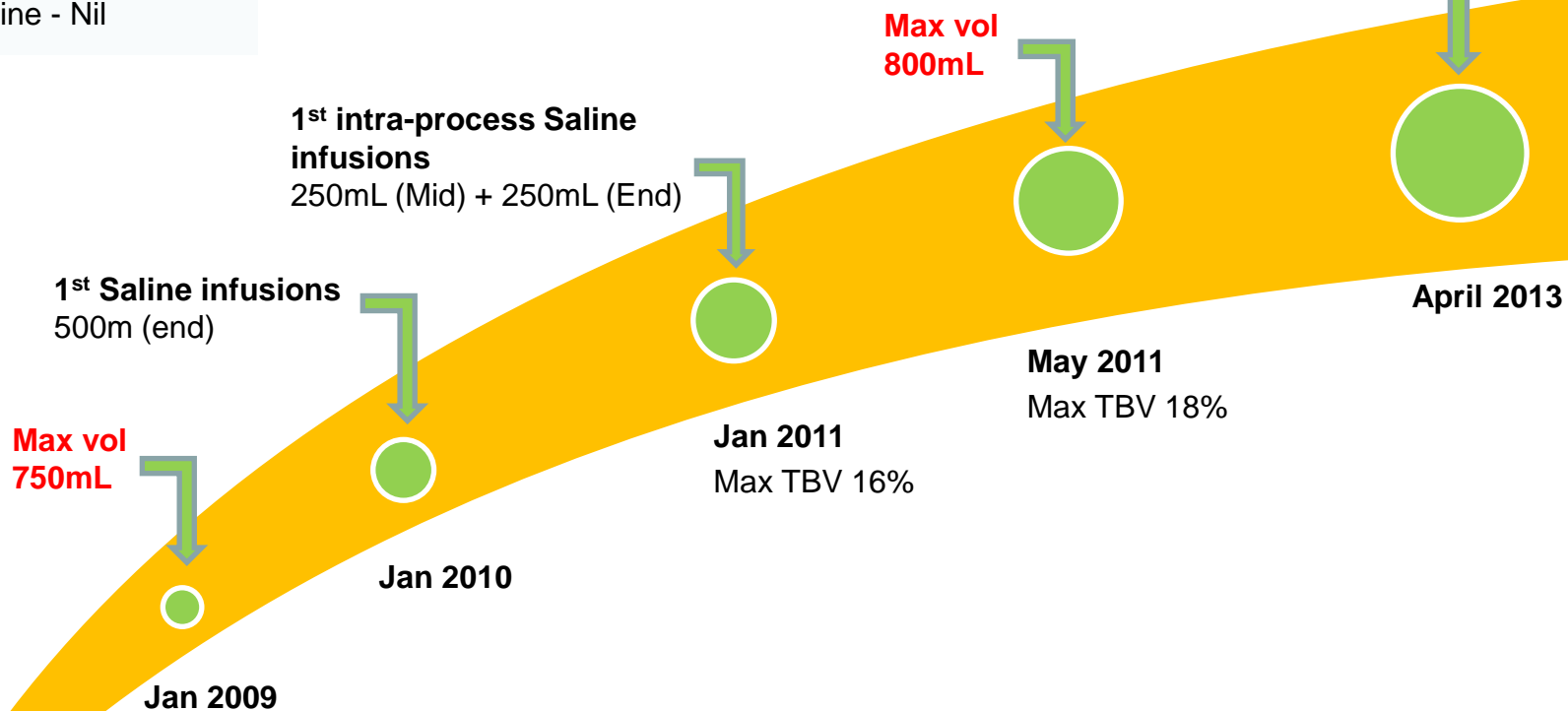
THE JOURNEY FROM 600 to 800mL COLLECTIONS

Pre 2009

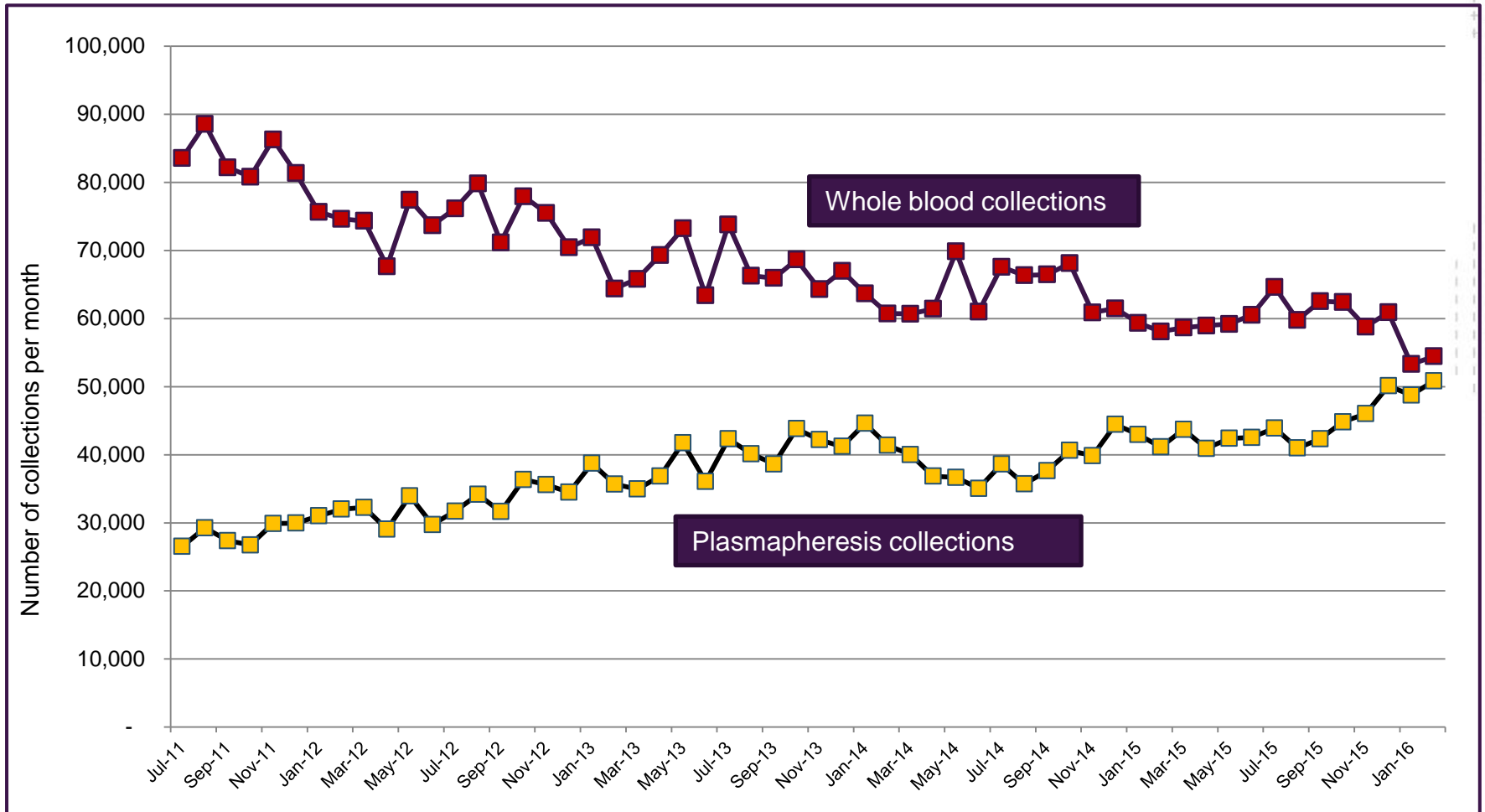
Max TBV 13%

Max vol 600mL

Saline - Nil



COLLECTION PERFORMANCE (Jul 2011 – Feb 2016)



Thank You

Acknowledgement: Australian governments fund the Blood Service to provide blood, blood products and services to the Australian community