

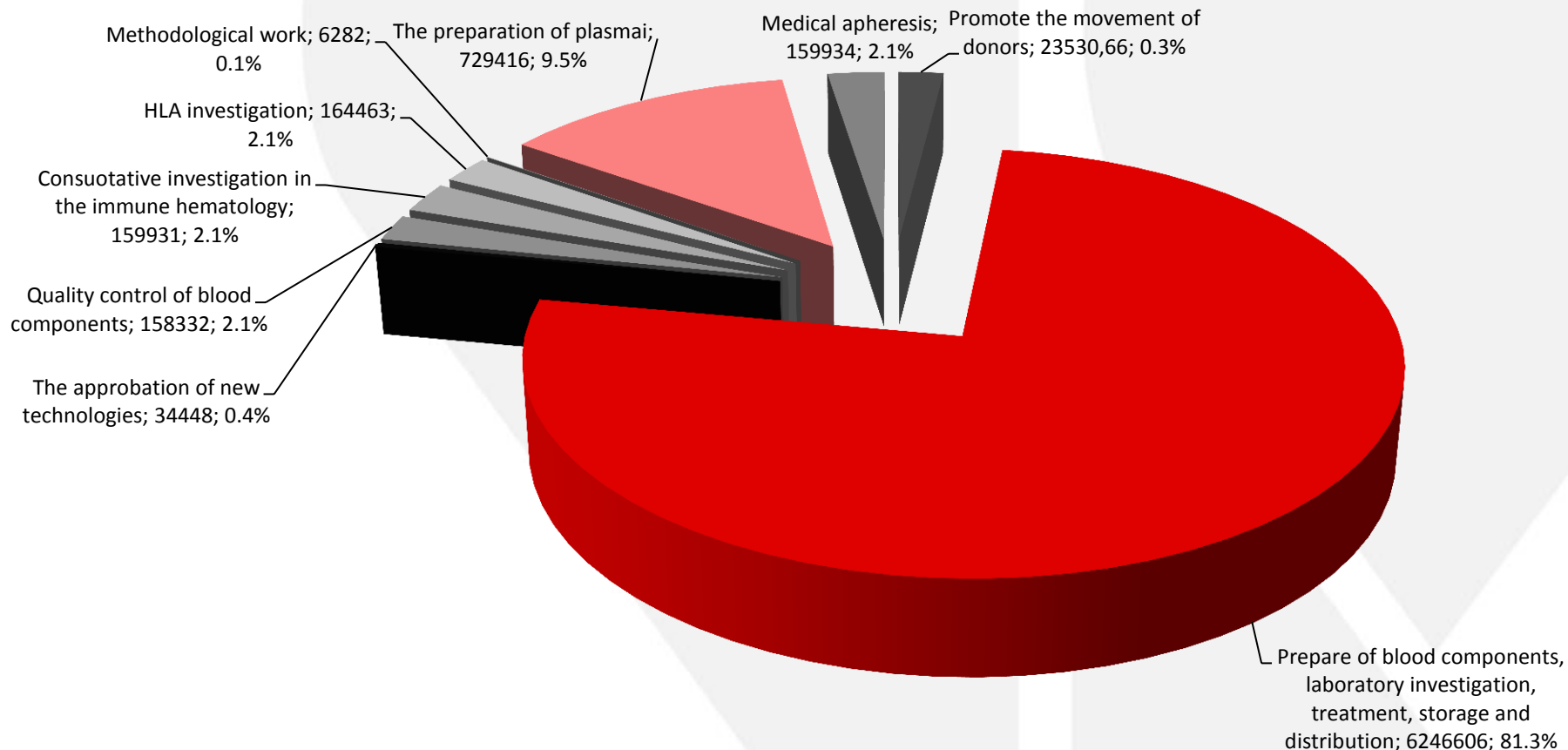


VALSTS
ASINSDONORU
CENTRS

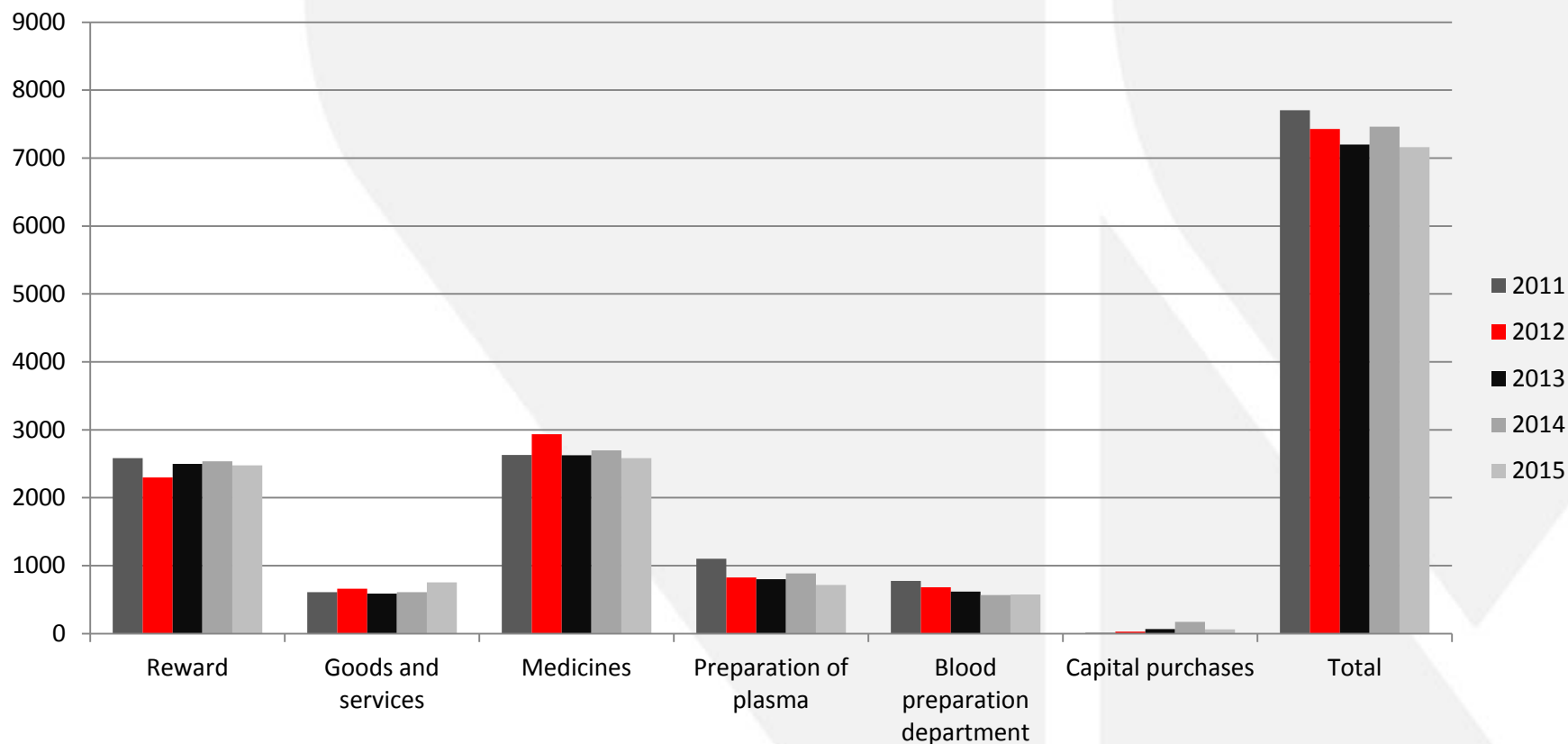


ANNUAL REPORT 2015

Function Maintenance Expenditure



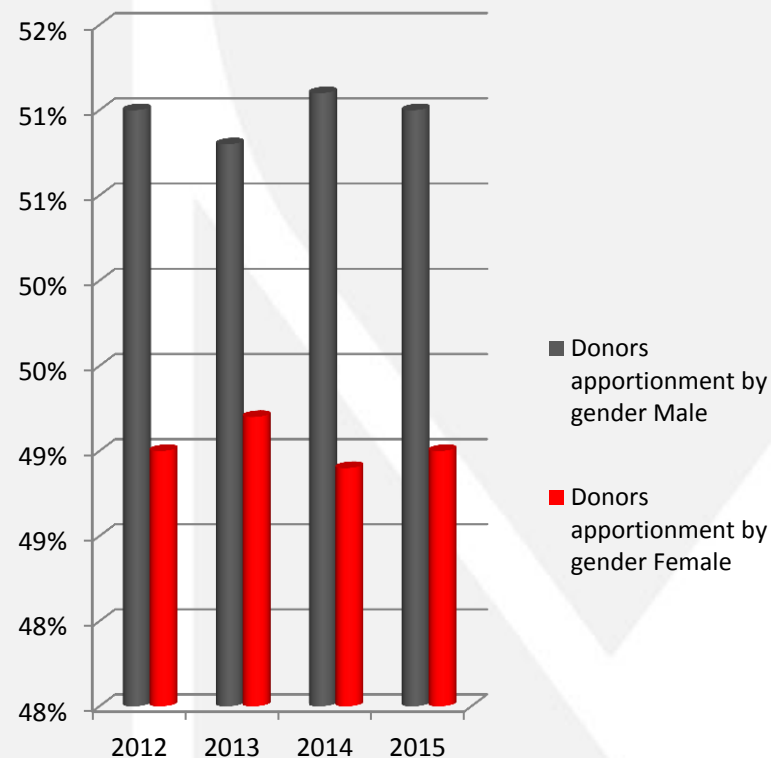
Dynamics of Budget Expenditure



Promotion of Donor Movement

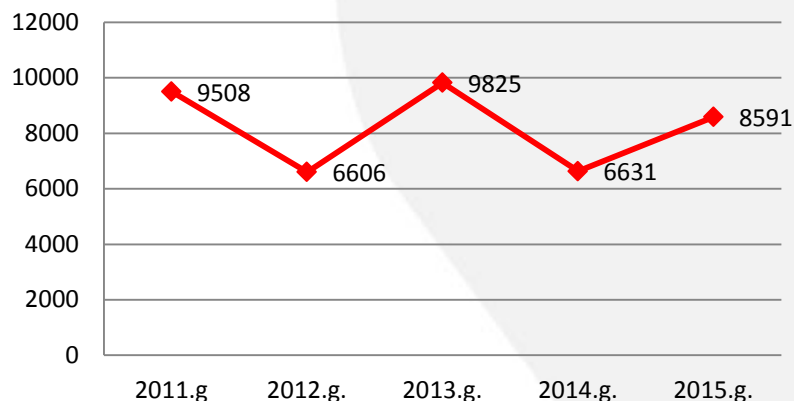
The number of the first time donors				
	2012	2013	2014	2015
VADC (Riga)	4 375 (26,1%)	4471 (26%)	4449 (25%)	4755 (26,6%)
LF	1 207 (25,7%)	1265 (25,5%)	1001 (21,3%)	866 (20,8%)
Total:	5 582 (26%)	5736 (26%)	5450 (24,3%)	5621 (25,6%)

The average age of donors (years)				
	2012	2013	2014	2015
VADC (Riga) donors	30	31,3	32,8	35,6

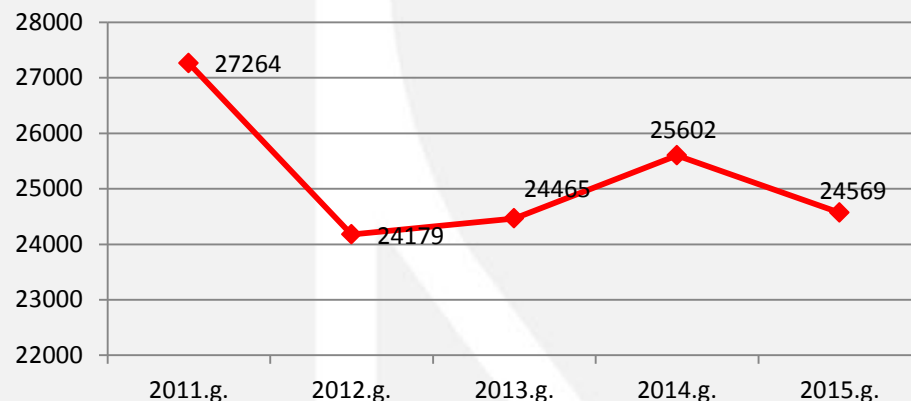


Preparation of Blood and Blood Components, Laboratory Investigation, Treatment, Storage and Distribution

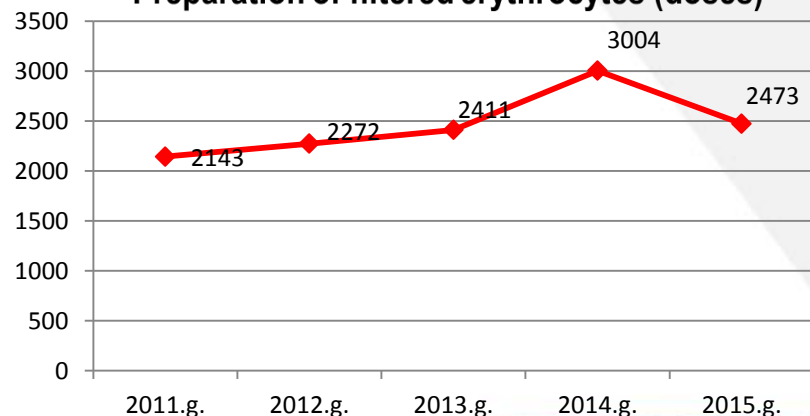
Preparation of cryoprecipitate (doses)



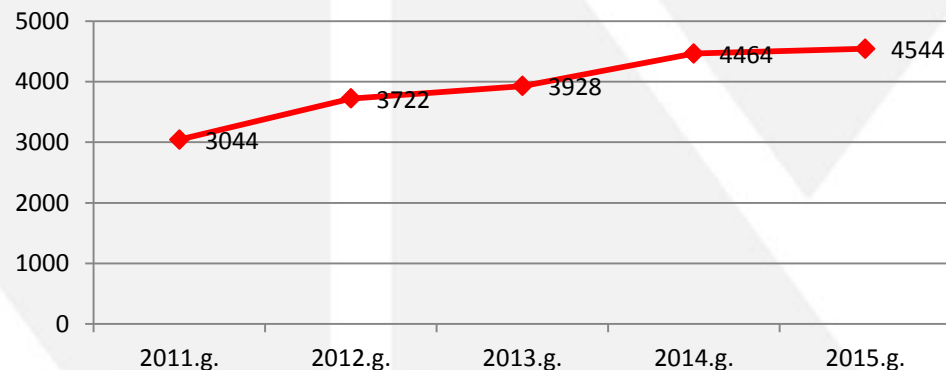
Preparation of blood components (doses)



Preparation of filtered erythrocytes (doses)

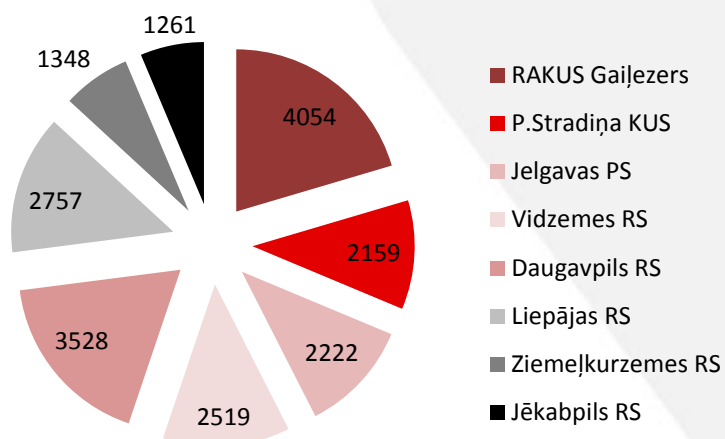


Platelet preparation from whole blood (doses)

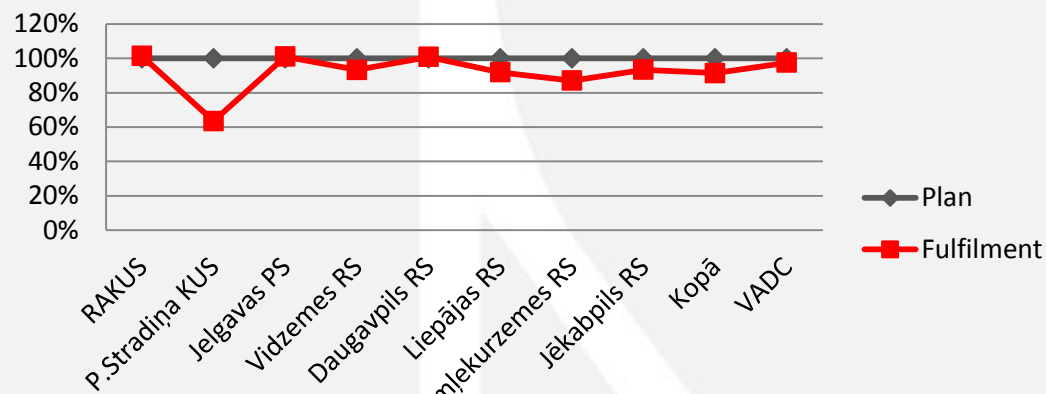


Preparation of Blood and Blood Components

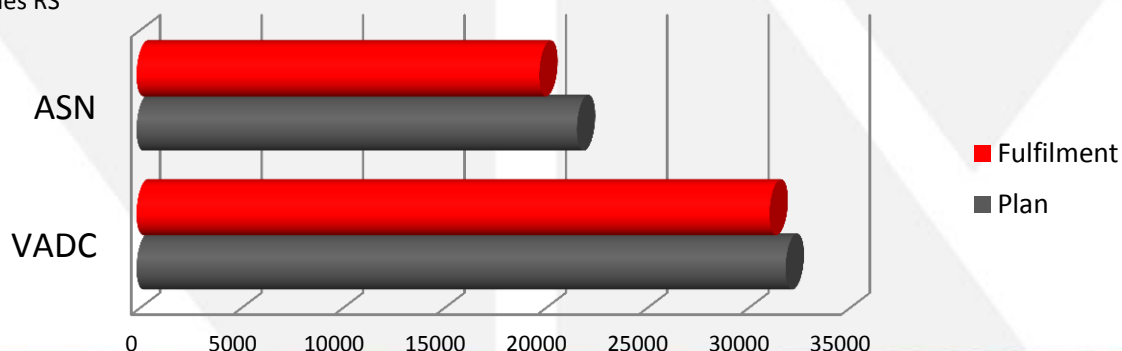
Plan fulfilment (doses)



Plan fulfilment %

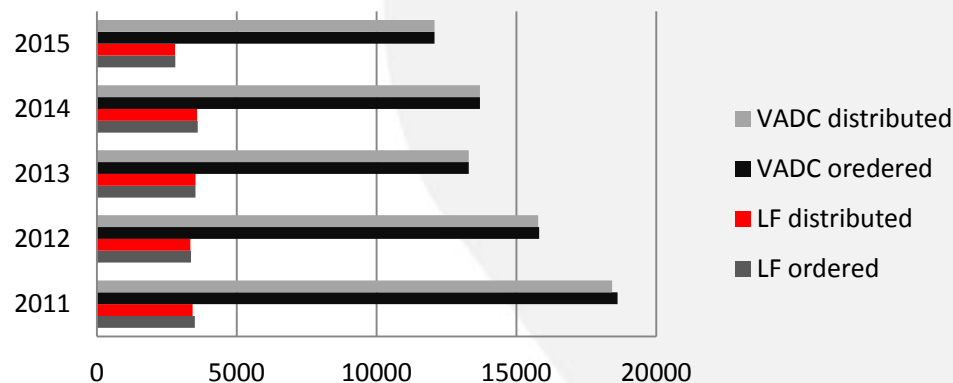


Plan fulfilment (doses)

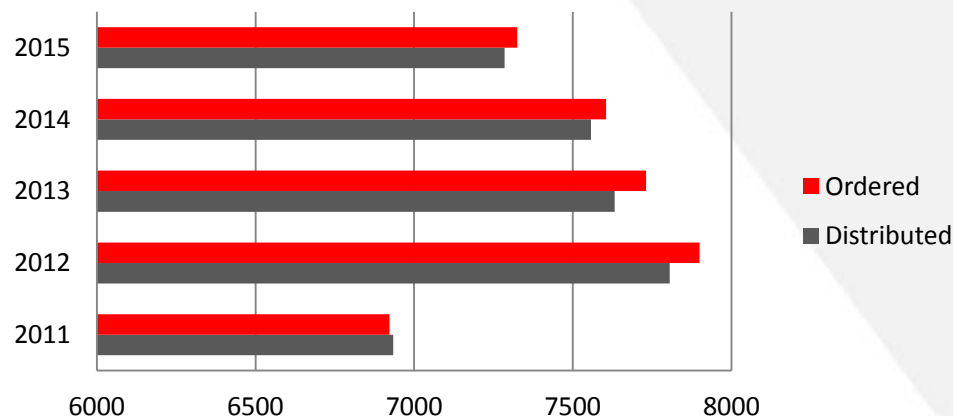


Preparation of Blood and Blood Components, Laboratory Investigation, Treatment, Storage and Distribution

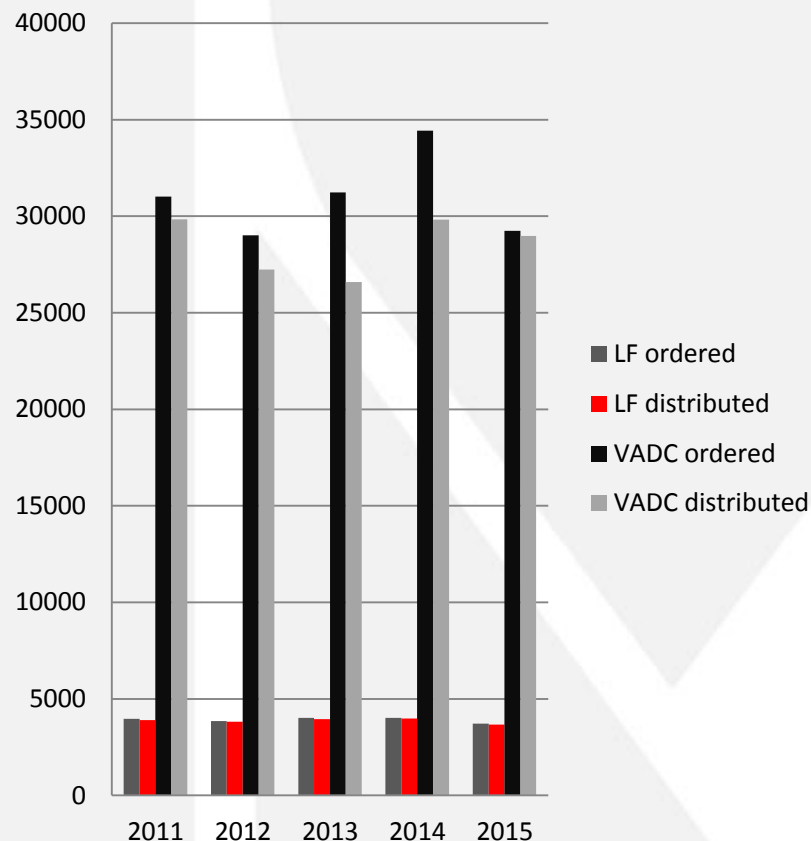
SSP ordering/distribution 2011.-2015. VADC and LF (doses)



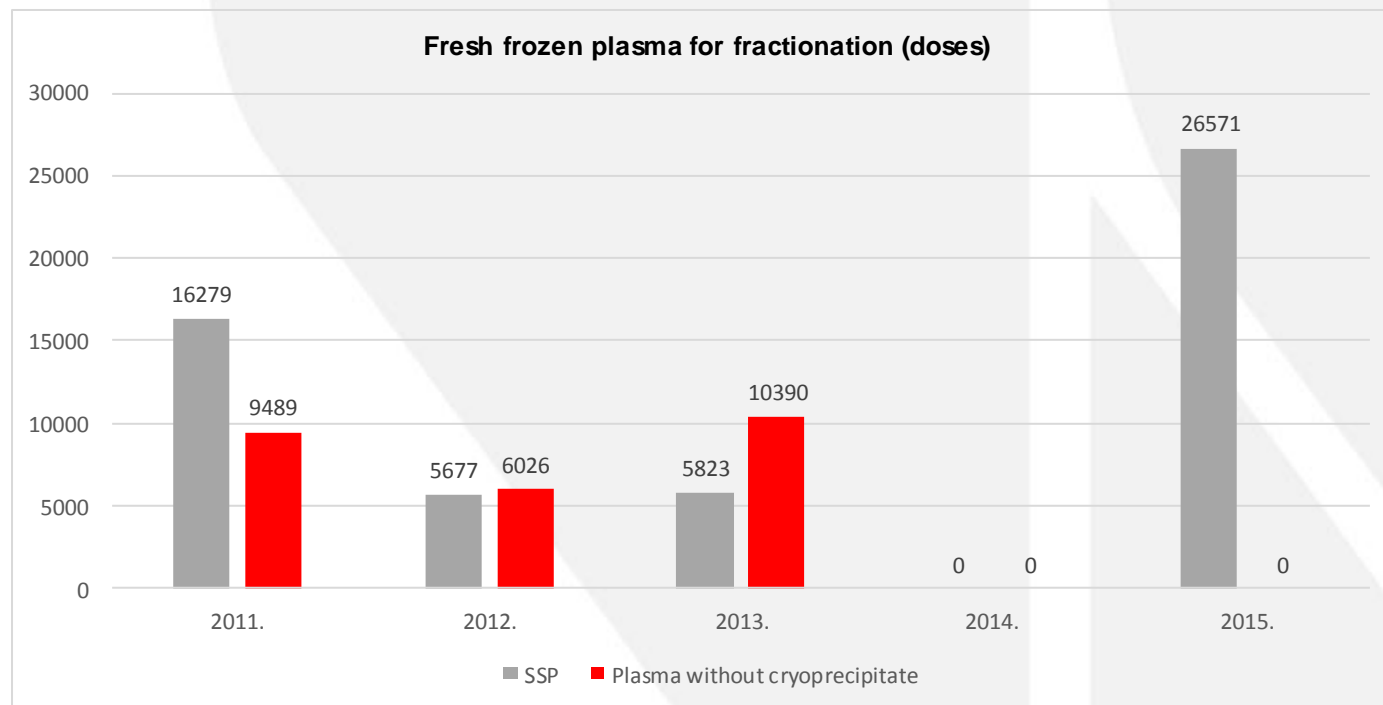
Platelet ordering/distribution 2011.-2015. VADC and LF (doses)



Erythrocytes ordering/distribution 2011.-2015. VADC and LF (doses)

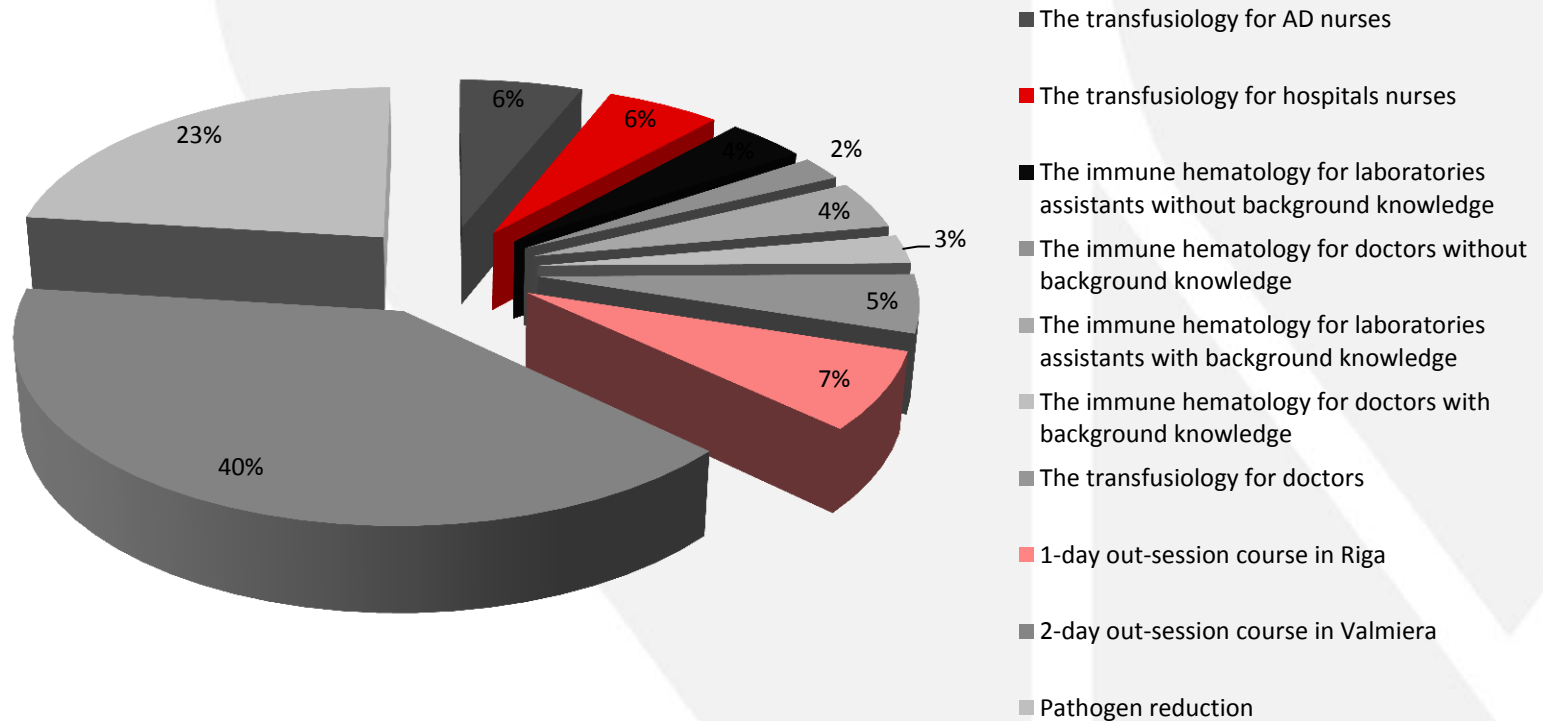


Preparation of Blood and Blood Components, Laboratory Investigation, Treatment, Storage and Distribution



Methodological Work

Training of Medical Personal



Distribution of Plasma Preparations

Distribution of plasma preparation to the medical institutions (litre, grams):

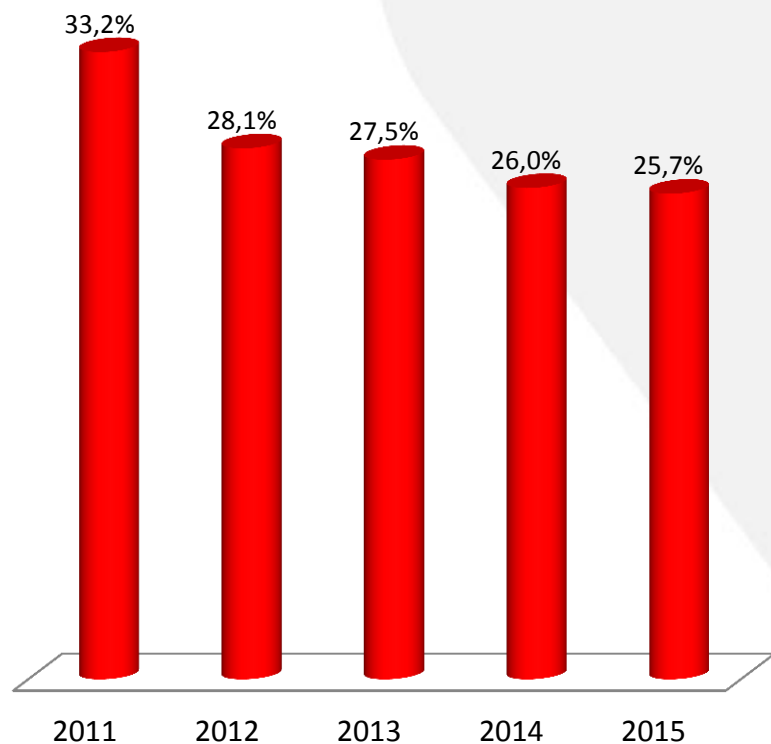
	2011	2012	2013	2014	2015
20% albumin solution	440,5	459,65	438,65	373,95	396,9
5% albumin solution	580,75	639,5	242	338,5	372,75
IvIG	15520 g	15687,5 g	15757,5 g	14042 g	12827,5 g

General Indicators

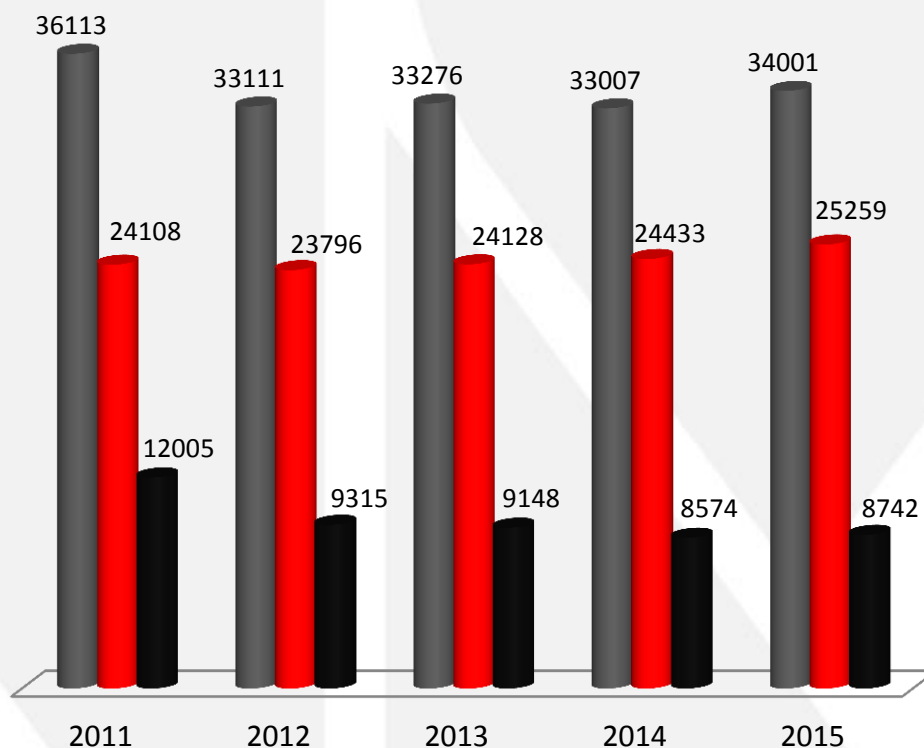
The indicator of fruitful	Plan of reporting period	Fulfilment of reporting plan	Deviation of fulfilment (percent)
Provide the number of donors per 1000 inhabitants	19 donors	17 donors	89%
Provide the proportion of the first – time donors of the total number of donors	27 %	26,2 %	97%
Provide prepared blood doses per 1000 inhabitants	29 doses	26 doses	90%
Provide from whole blood prepared erythrocyte mass, number of doses per 1000 inhabitants	29 doses	26 doses	90%
Provide from whole blood prepared plasma, number of doses per 1000 inhabitants	29 doses	26 doses	90%
Provide the number of doses of platelet mass preparation (adult persons doses)	7700 doses	7320 doses	95%

General Indicators

The share of the first - time donors
from the total number of donors



■ Number of donors ■ Regular and repeated ■ The first - time donors

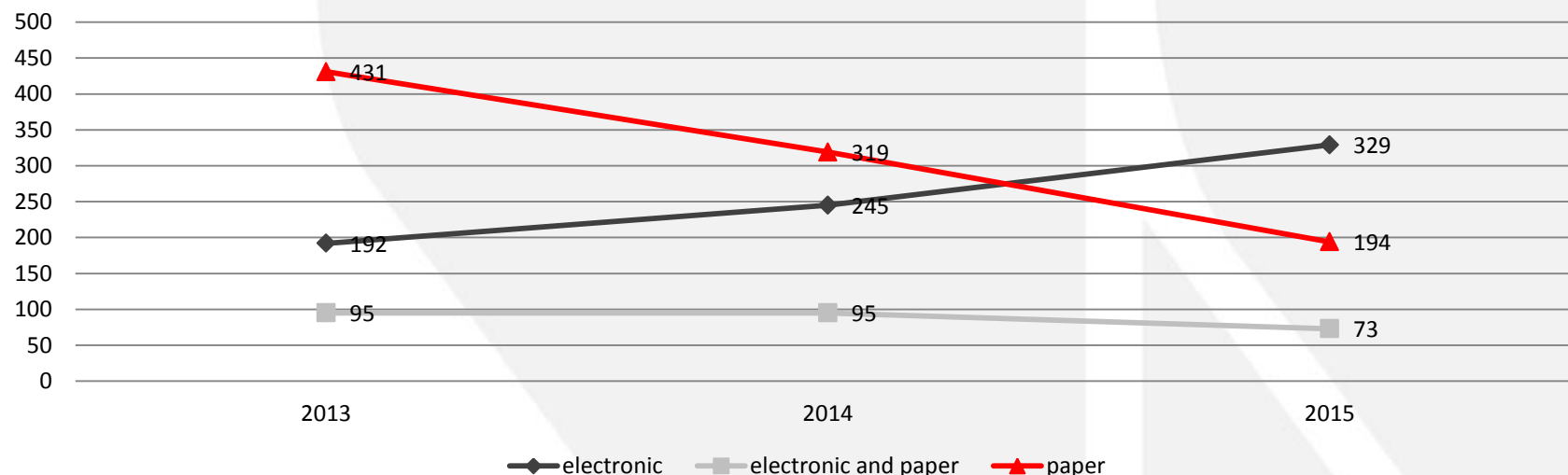


General Indicators

The indicator of operation	Plan 2015	Fulfilment 2015	Deviation of fulfilment (%)
Blood with an anticoagulant (doses) in Latvia	53700 doses	51055 doses	95%
Filtered erythrocytes mass	2500 doses	2473 doses	99%
Platelet mass prepared from whole blood	4700 doses	4544 doses	97%
Cryoprecipitate	8000 doses	8591 doses	107%
Platelet mass prepared in the automatic apheresis procedures	1500 procedures	1445 procedures	96%

General Indicators

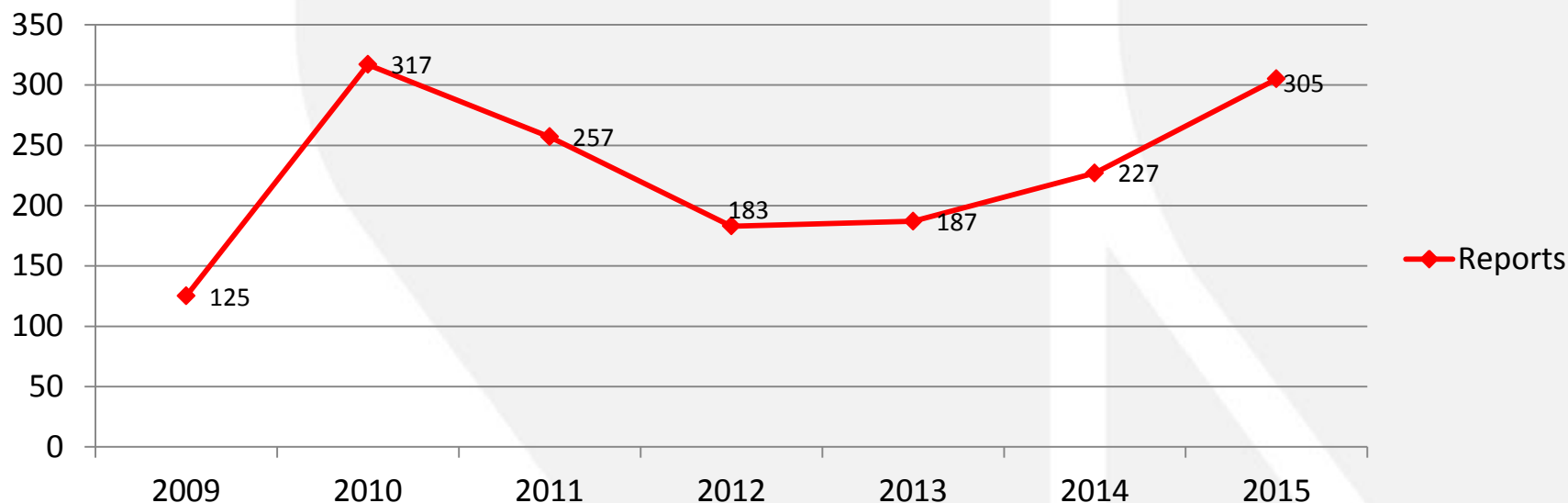
Dynamic of used document types (2013-2015)



- In 2015, as in previous years, there has been transition to electronic documents and there have been observed stable positive dynamics as well as significant increase in electronic form only if we compare the proportion of documents to be used in years 2013 and 2014

General Indicators

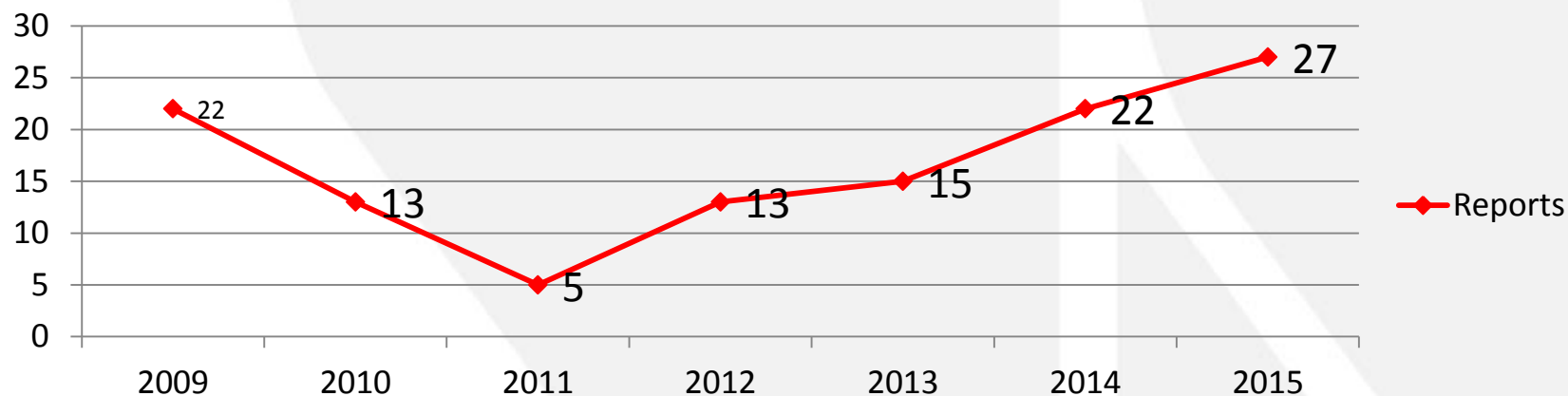
Dynamics of recieved reports



- In year 2015 we have received 305 reports:
 - Reports about unwanted occurrence– 234 reports, including three serious unwanted occurrence, about which ones we have informed State Agency of Medicines of the Republic of Latvia
 - Reports about side effects – 71 reports about 379 side effect
- Compared to year 2014 the numbers of reports have increased about 35 % (about 79 reports)

General Indicators

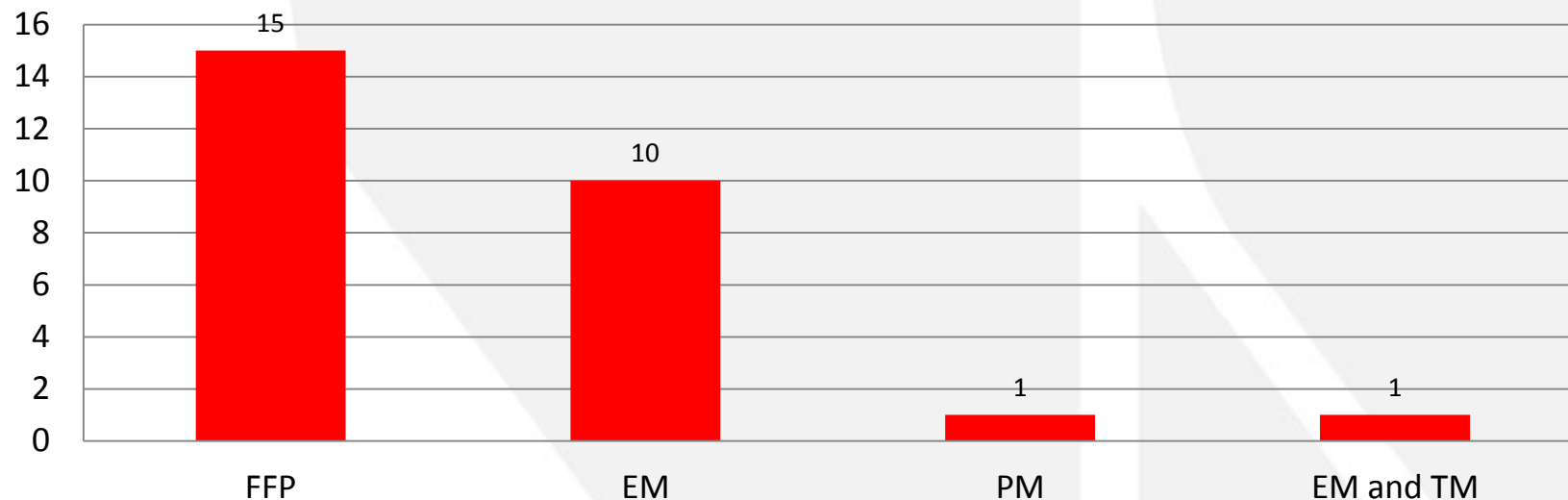
Dynamic of number of reports about side effects of recipient



- In Year 2015 State Blood Donor Centre has received 27 reports about blood recipient reactions, what are just five reports more as year before- 2014

General Indicators

Recipient reactions to the components (2015)

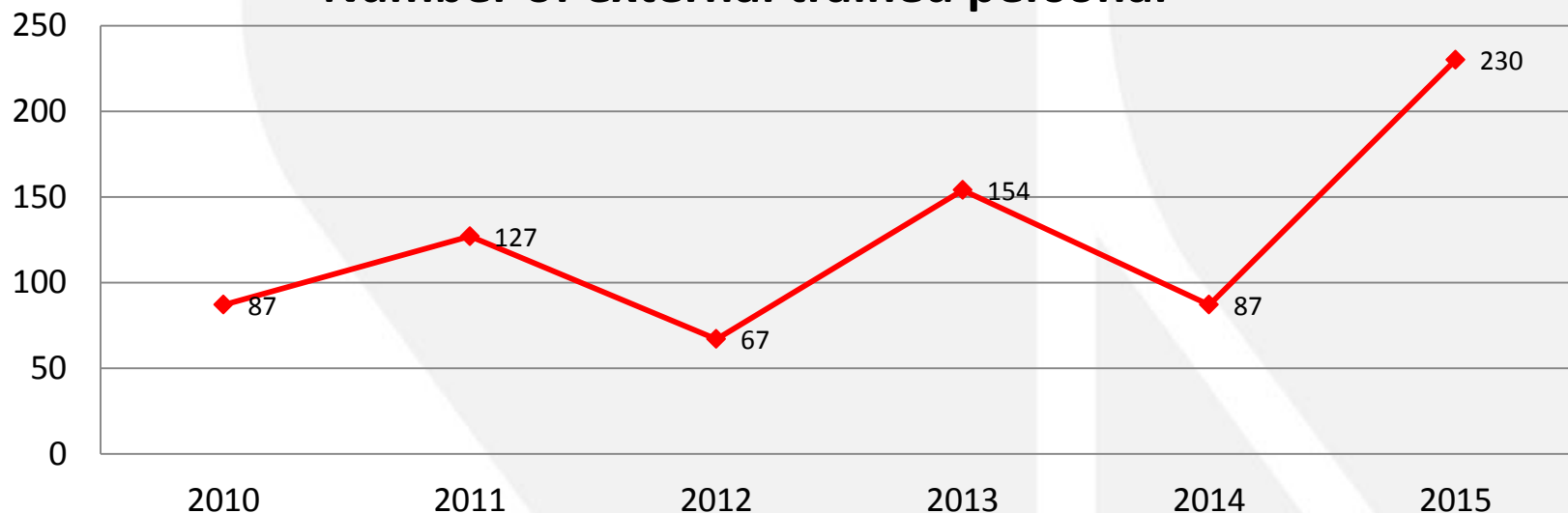


In figure we see that in year 2015 most of side effects are related to transfusion of fresh frozen plasma. In one case recipient has received both: red blood cell mass and fresh frozen plasma. So we could not identify from which component he got side effect

If we analyze side effects, 70% of cases side effects are diagnosed in time period recipient have received blood components

General Indicators

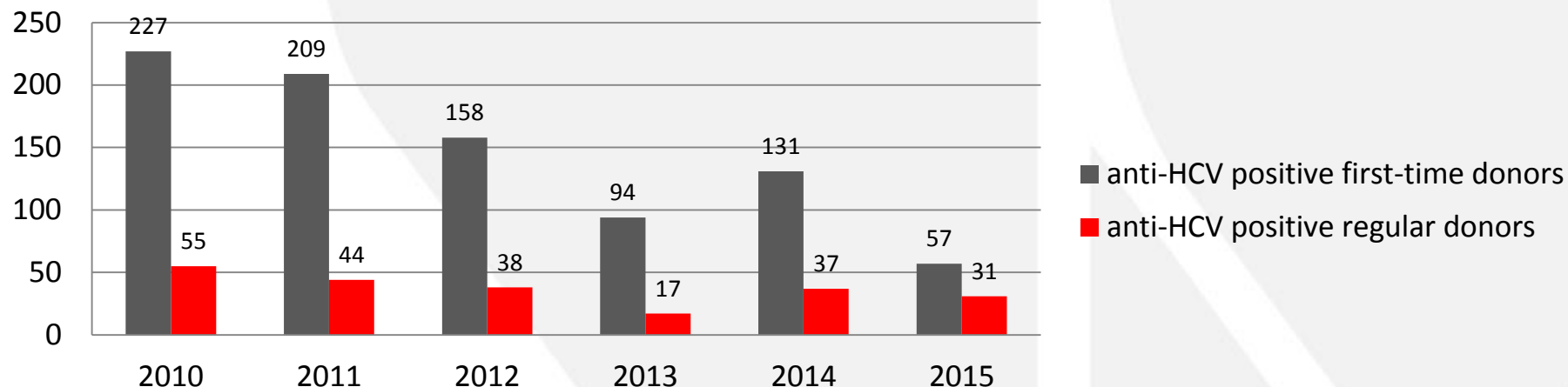
Number of external trained personal



- In order to provide medical personnel and medical support staff to continue education opportunities in transfusiology and immune hematology in year 2015, we have organized courses within the Centre paid service and free seminars. Target of courses was to increase the professional knowledge, skills and abilities
- We have realized 10 courses, together trained 230 medical personnel and staff of medical support

General Indicators

Positive Hepatitis C virus (Anti-HCV) donors



- Starting June 2015, Hepatitis C virus (Anti-HCV) screening express test was introduced and implemented in Centre for first-time donors. That allowed to reduce the significant number of positive Hepatitis C virus (Anti-HCV) donors in second half of 2015

International Cooperation

Participation in international measures in 2015:

- Visit of Basque Transfusions and Human Tissue Center, 2015., Spain, Basque Country
- European Blood Alliance (EBA) meeting/workshop - 02.2015., Belgium, Brussels
- 1st European Blood Service Training in Quality Management, 05.2015., France, Strasbourg
- International Society of Blood Transfusion (ISBT) seminar, 06.2015., United Kingdom, London
- «Solaris Posium Baltic», seminar, 07.2015. Poland, Warsaw
- EBA Collaborative Procurement seminar, 12.2015., Frankfurt, Germany