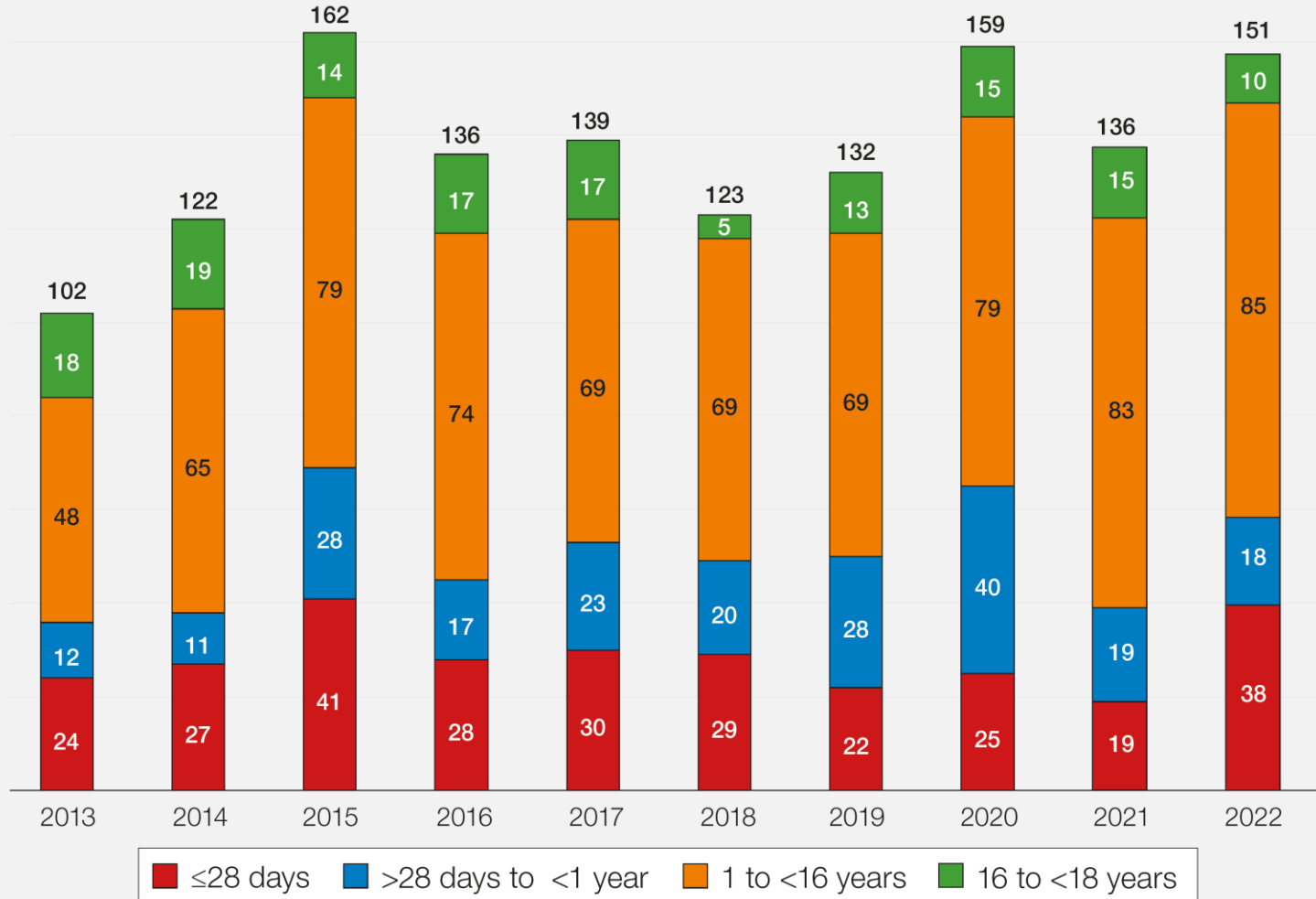


# Paediatric Cases

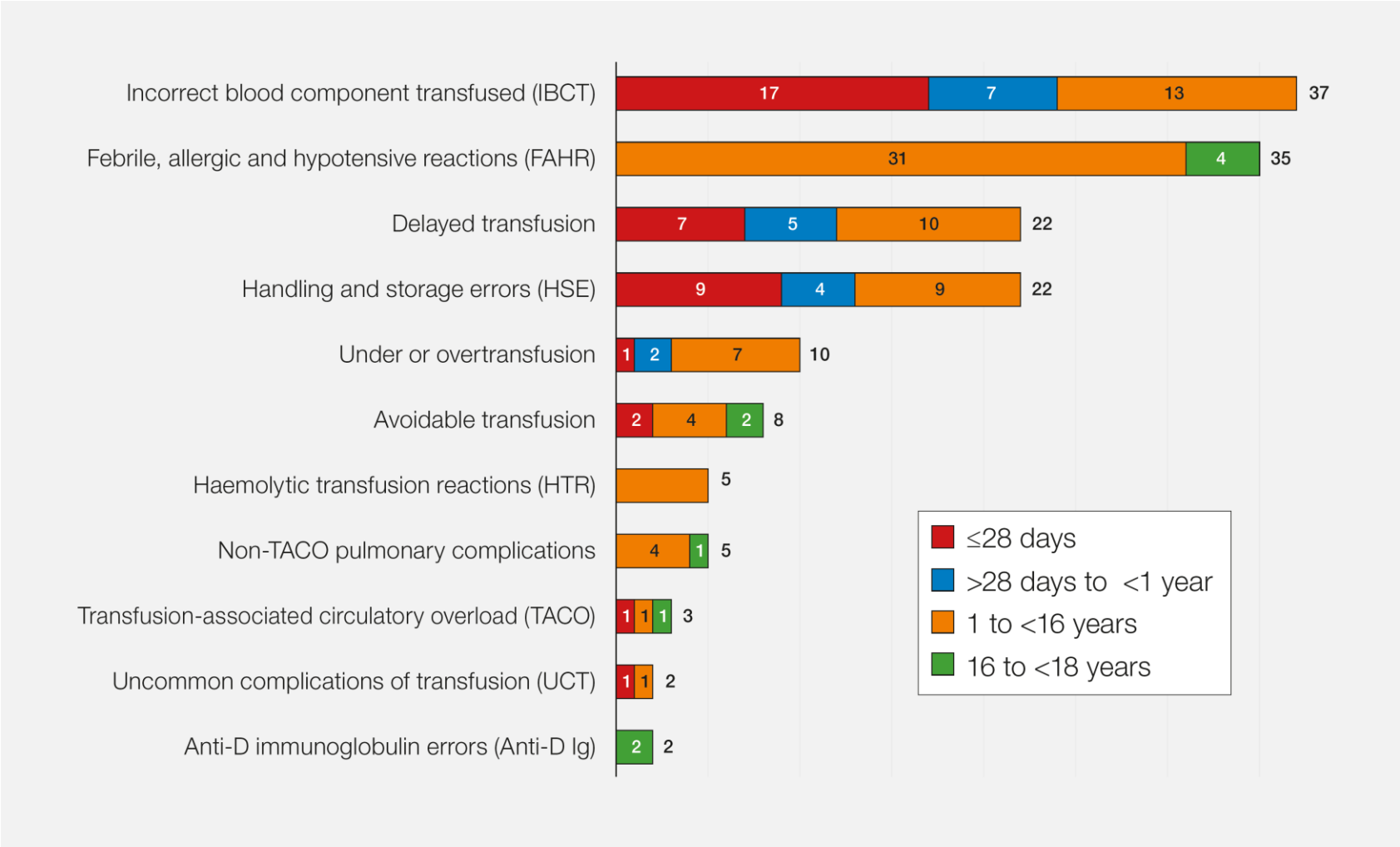
FIGURES FROM THE ANNUAL SHOT REPORTS  
2020-2022

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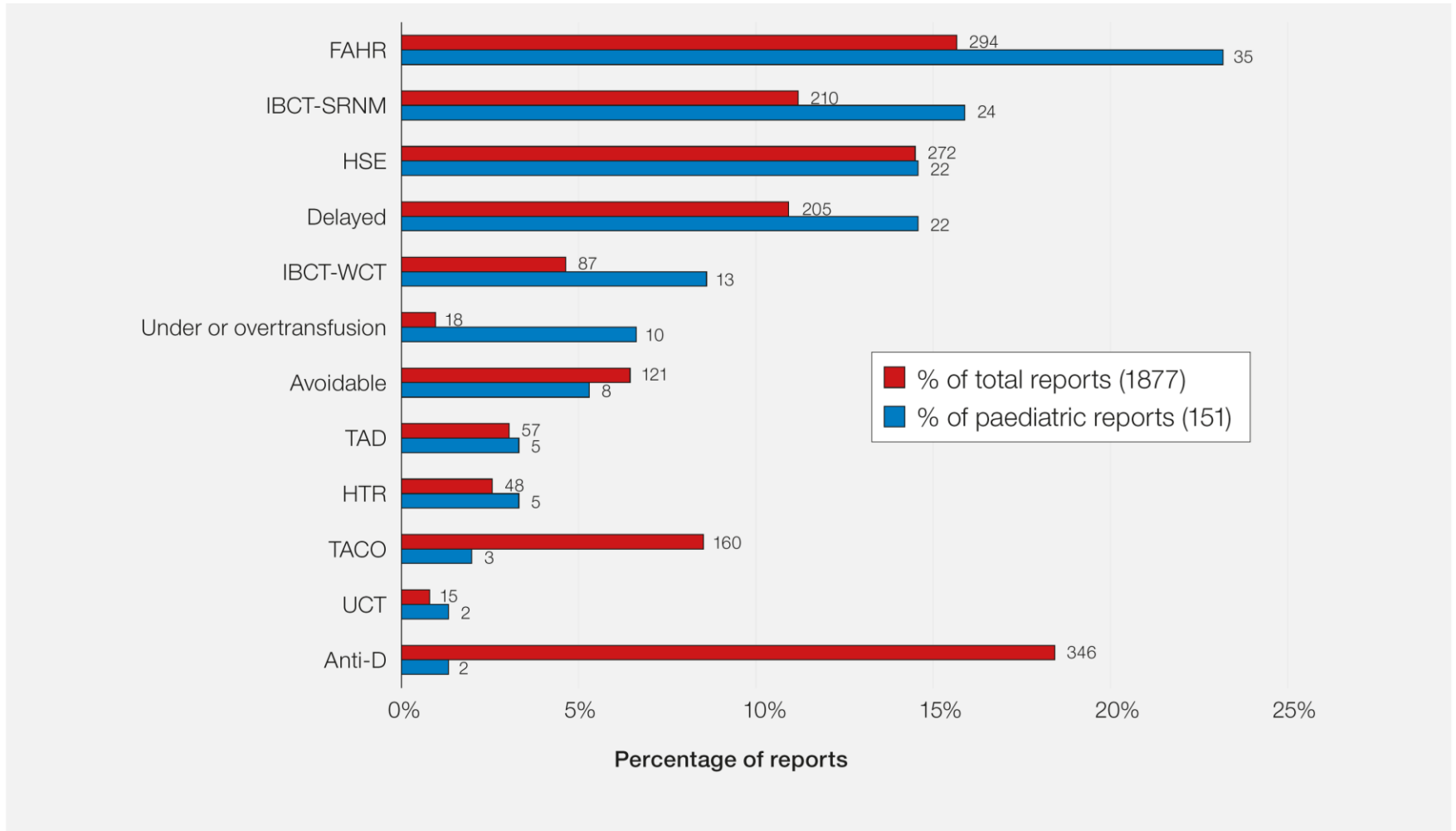
# Trends in paediatric reports 2013-2022



# Summary of paediatric cases by category and age 2022

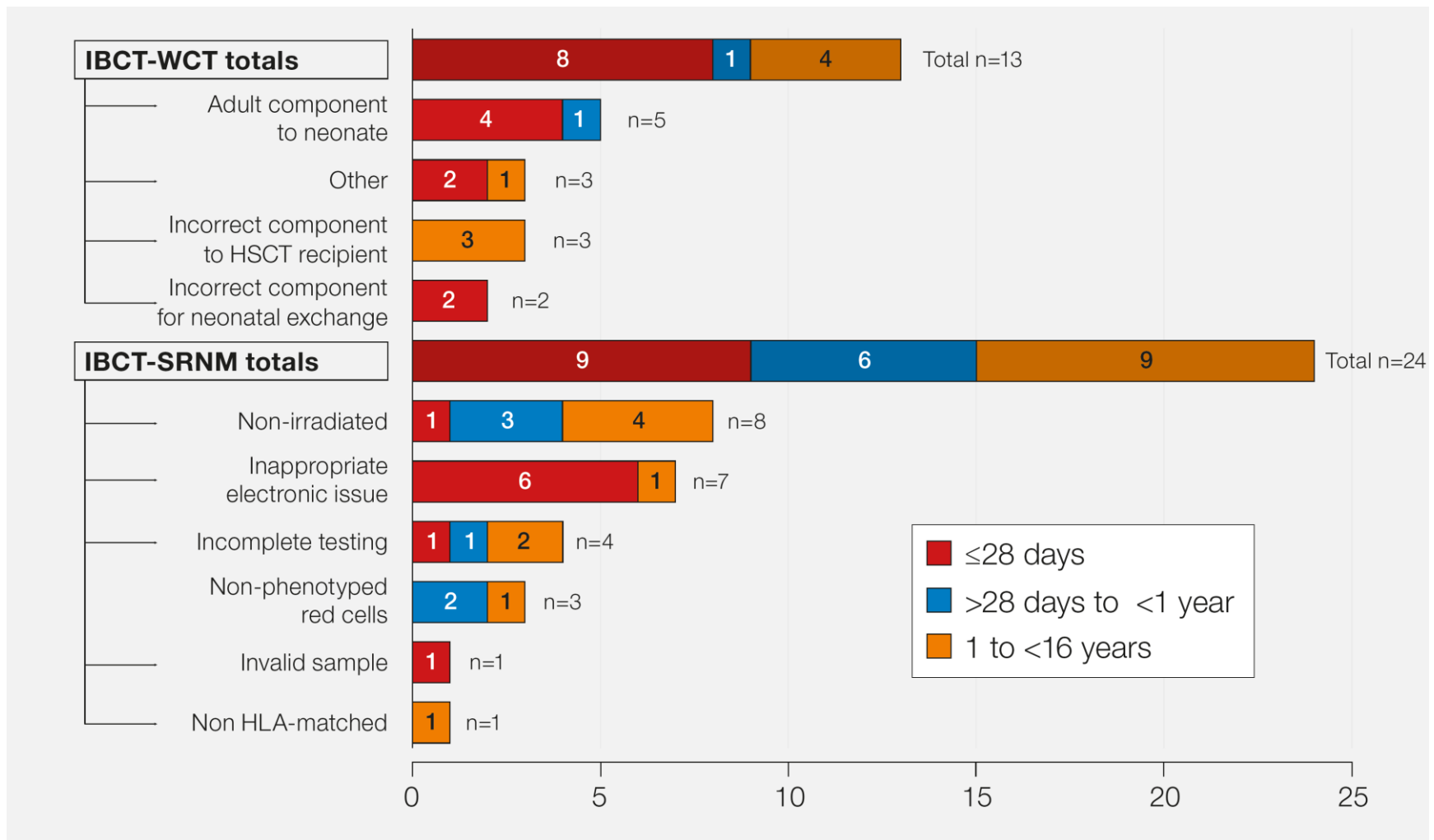


# Percentages of paediatric and total reports in each category in 2022



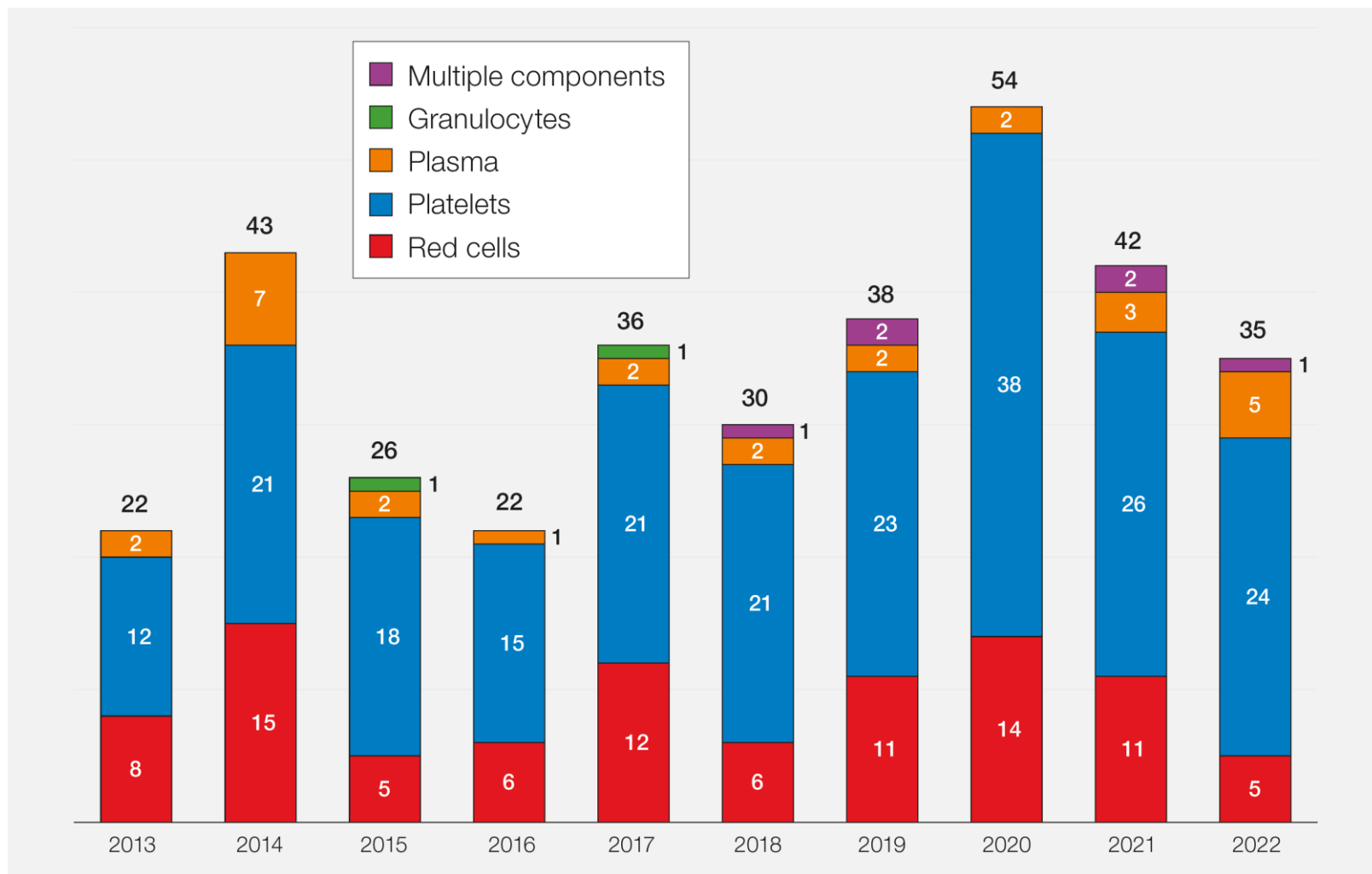
UCT=uncommon complications of transfusion; TRALI=transfusion-related acute lung injury; TAD=transfusion-associated dyspnoea; TACO=transfusion-associated circulatory overload; HTR=haemolytic transfusion reactions; FAHR=febrile, allergic and hypotensive reactions; HSE=handling and storage errors; IBCT-SRNM=incorrect blood component transfused-specific requirements not met; IBCT-WCT=IBCT-wrong component transfused

# Breakdown of incorrect blood component transfused reports in 2022

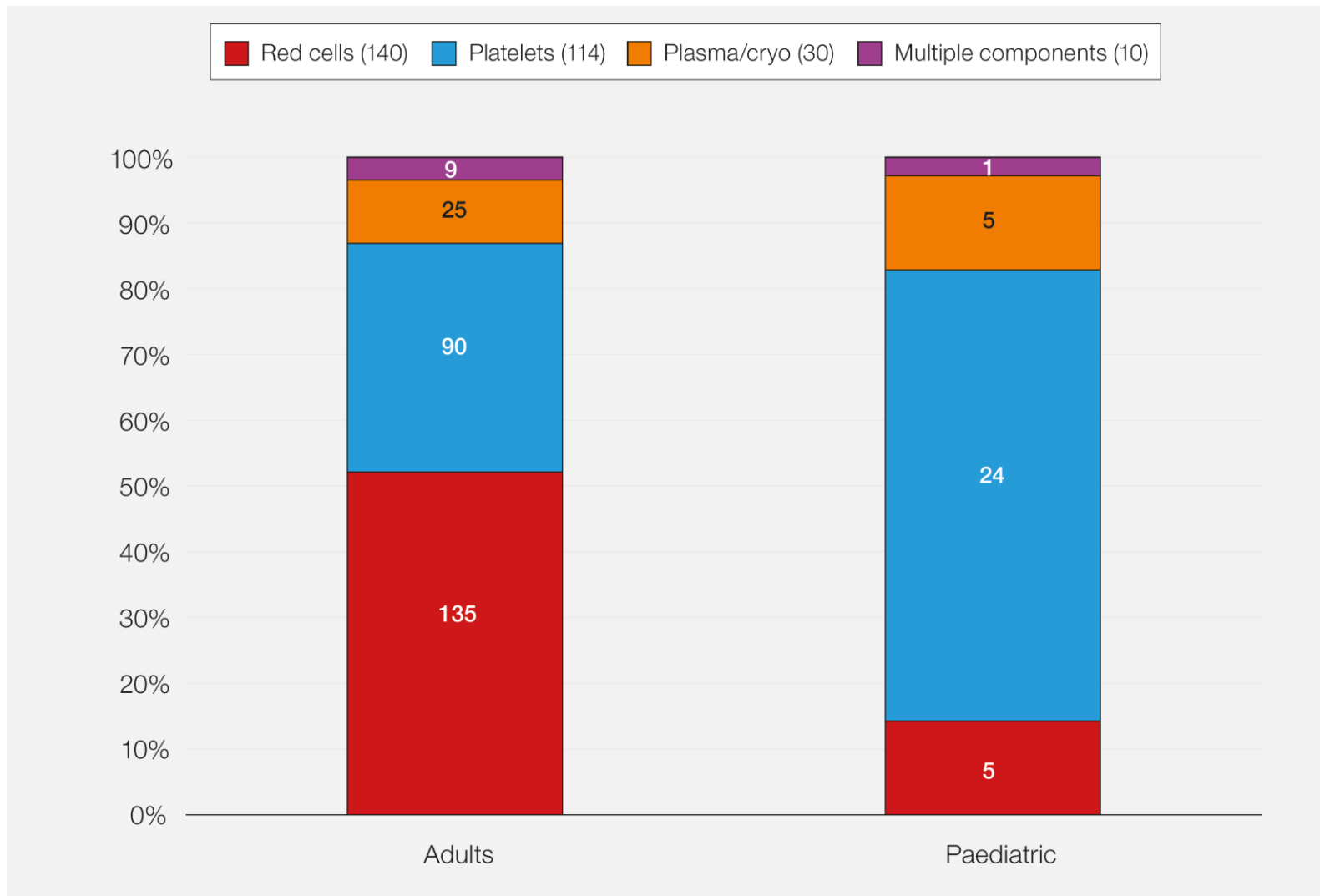


IBCT-WCT=incorrect blood component transfused-wrong component transfused; IBCT-SRNM=IBCT-specific requirements not met; HSCT=haemopoietic stem cell transplant; HLA=human leucocyte antigen

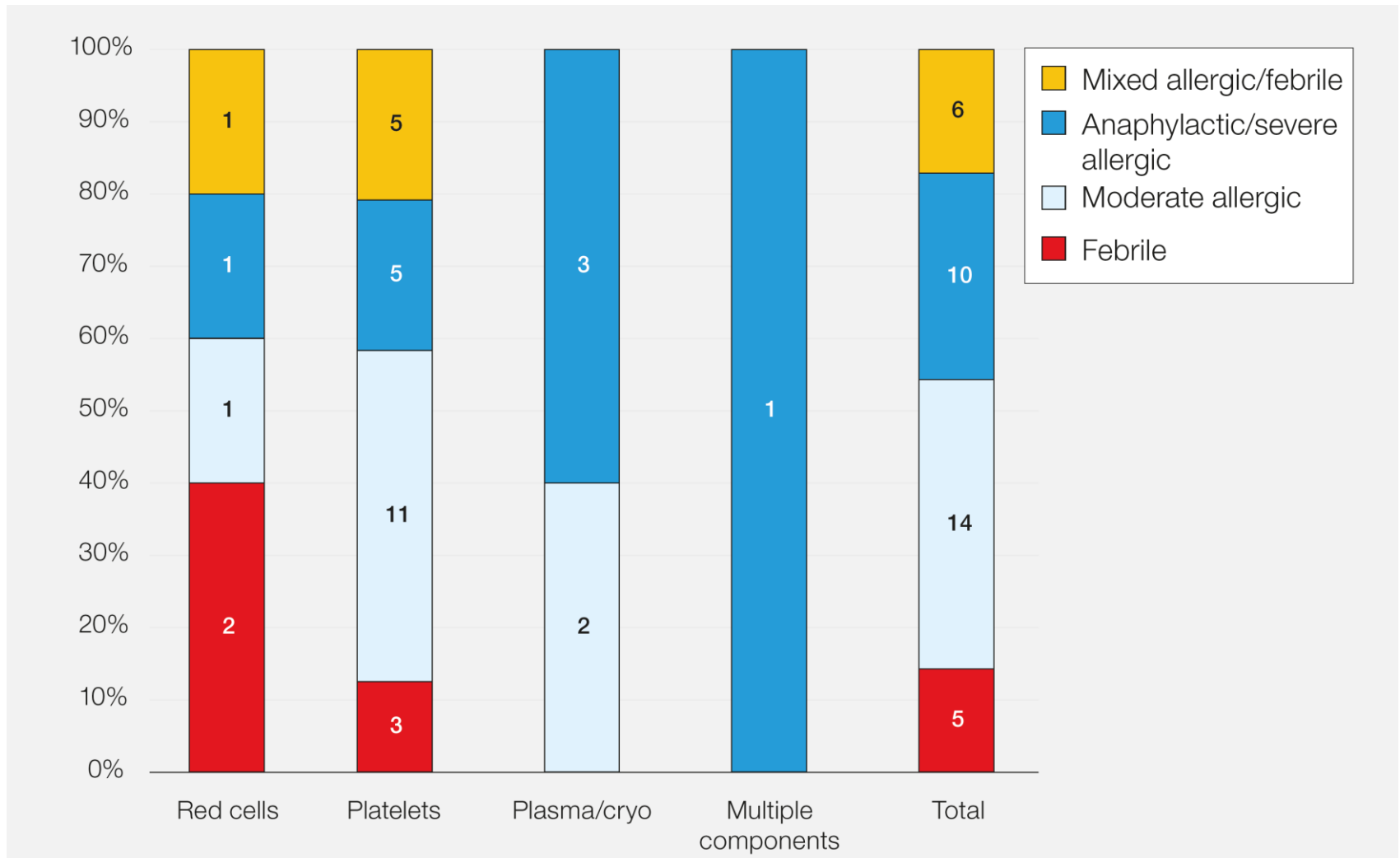
# Summary of FAHR reports by component type from 2013 to 2022



# Comparison of proportions of adult and paediatric FAHR related to different components in 2022

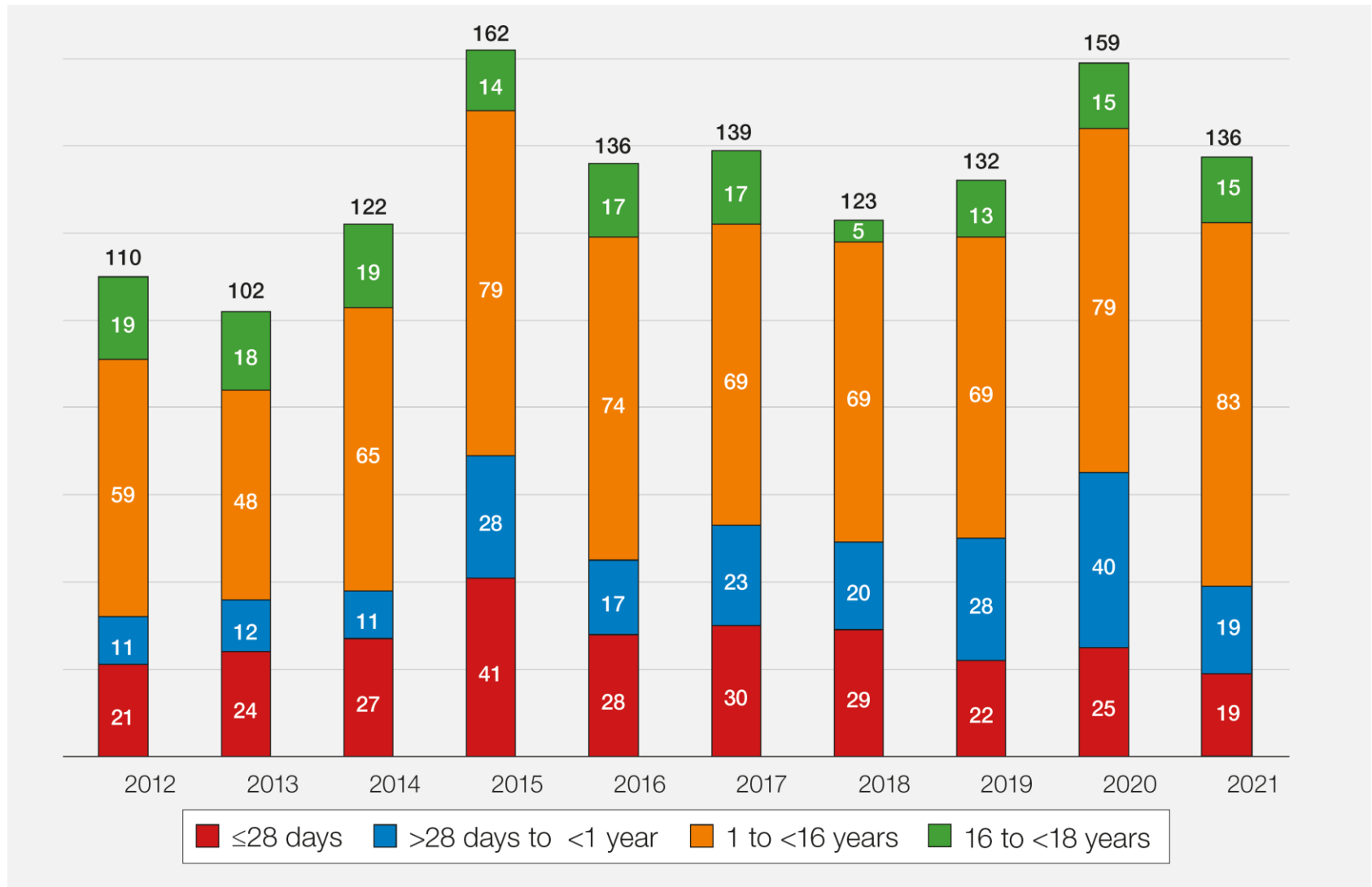


# Percentages of reaction types of each component for paediatric reports in 2022

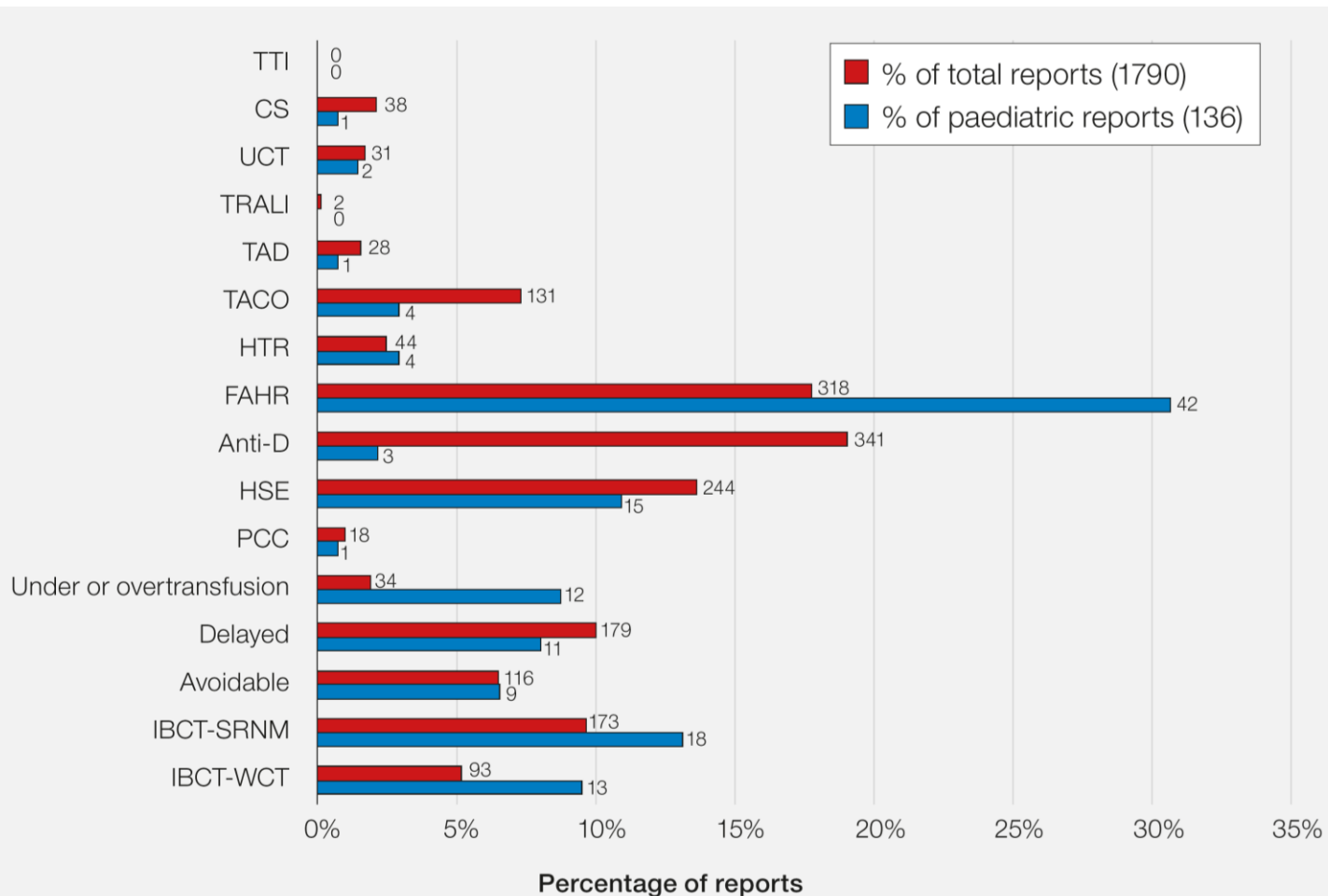




# Trends in paediatric reports 2012-2021

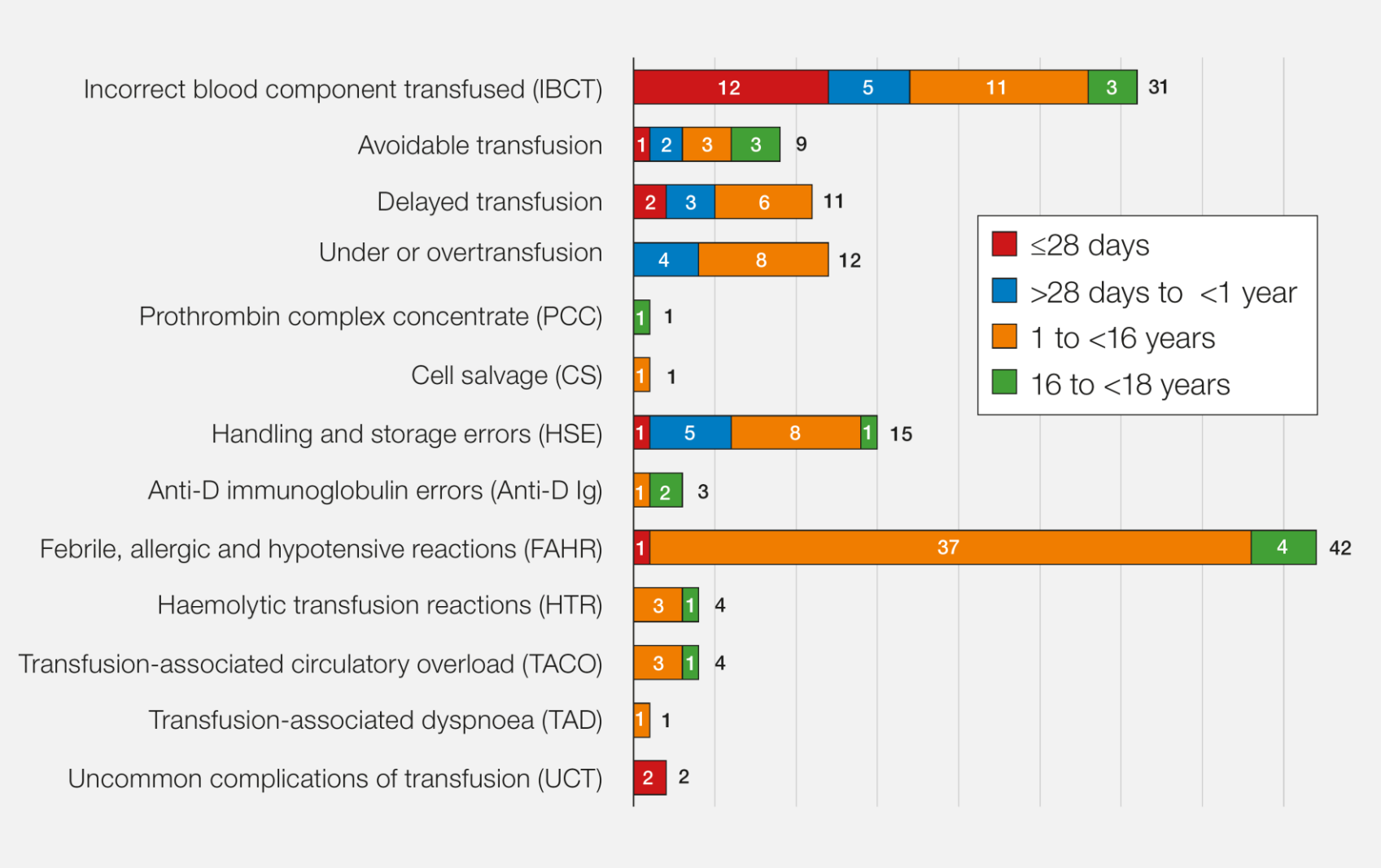


# Percentages of paediatric and total reports in each category in 2021

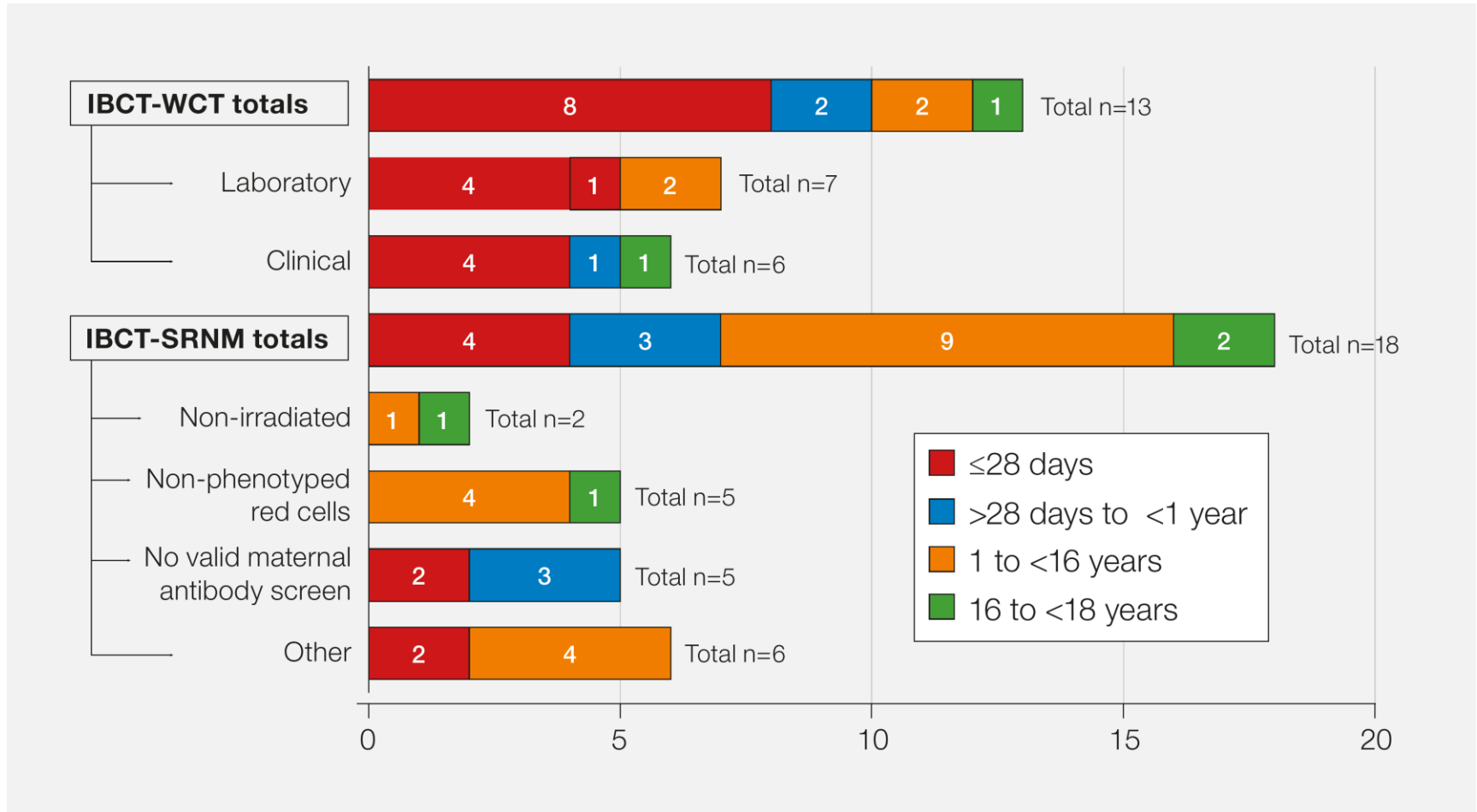


*TTI=transfusion-transmitted infection; CS=cell salvage; UCT=uncommon complications of transfusion; TRALI=transfusion-related acute lung injury; TAD=transfusion-associated dyspnoea; TACO=transfusion-associated circulatory overload; HTR=haemolytic transfusion reactions; FAHR=febrile, allergic and hypotensive reactions; HSE=handling and storage errors; PCC=prothrombin complex concentrates; IBCT-SRNM=incorrect blood component transfused-specific requirements not met; IBCT-WCT=IBCT-wrong component transfused*

# Summary of paediatric cases by category and age 2021

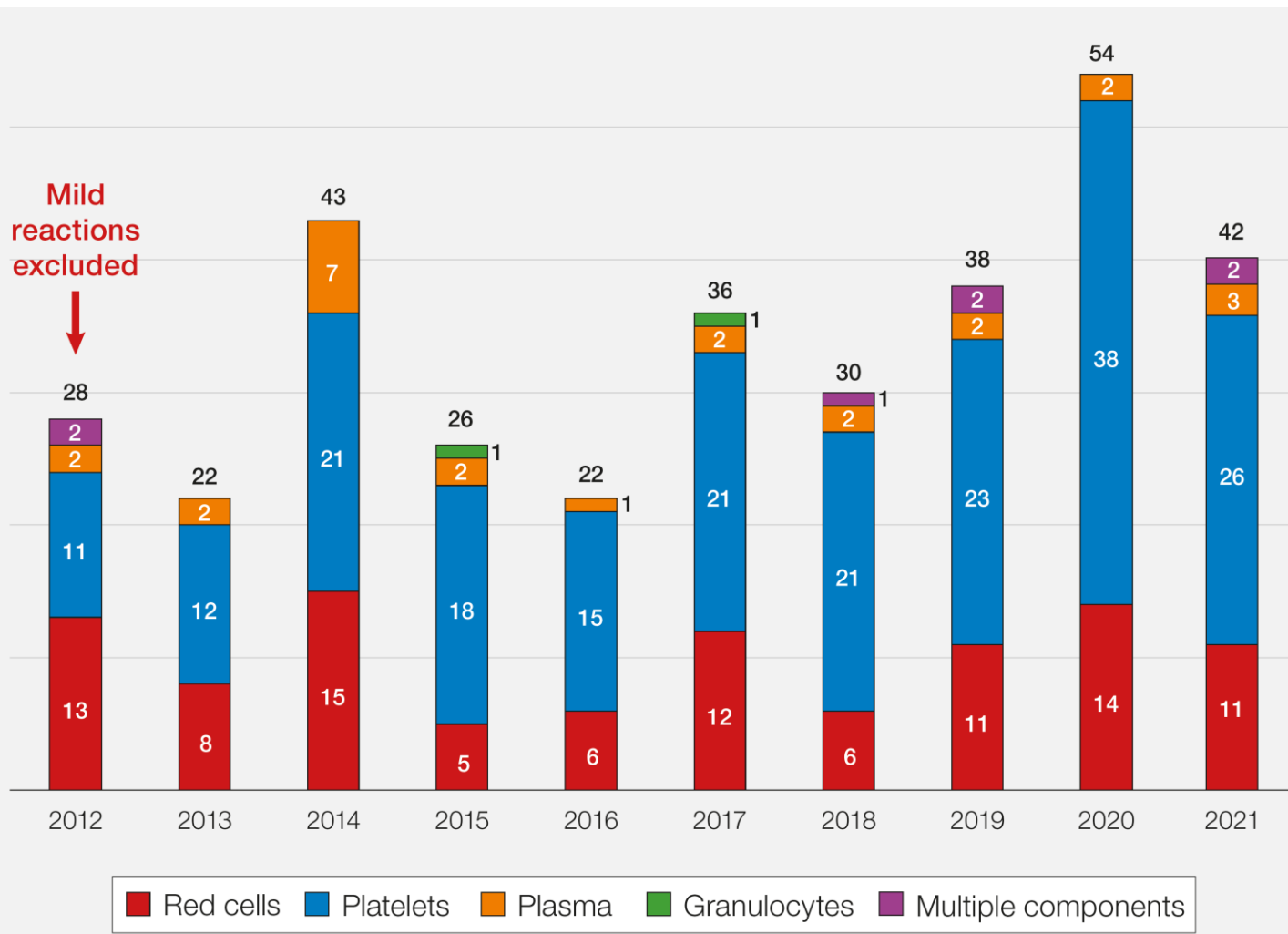


# Breakdown of incorrect blood component transfused reports in 2021

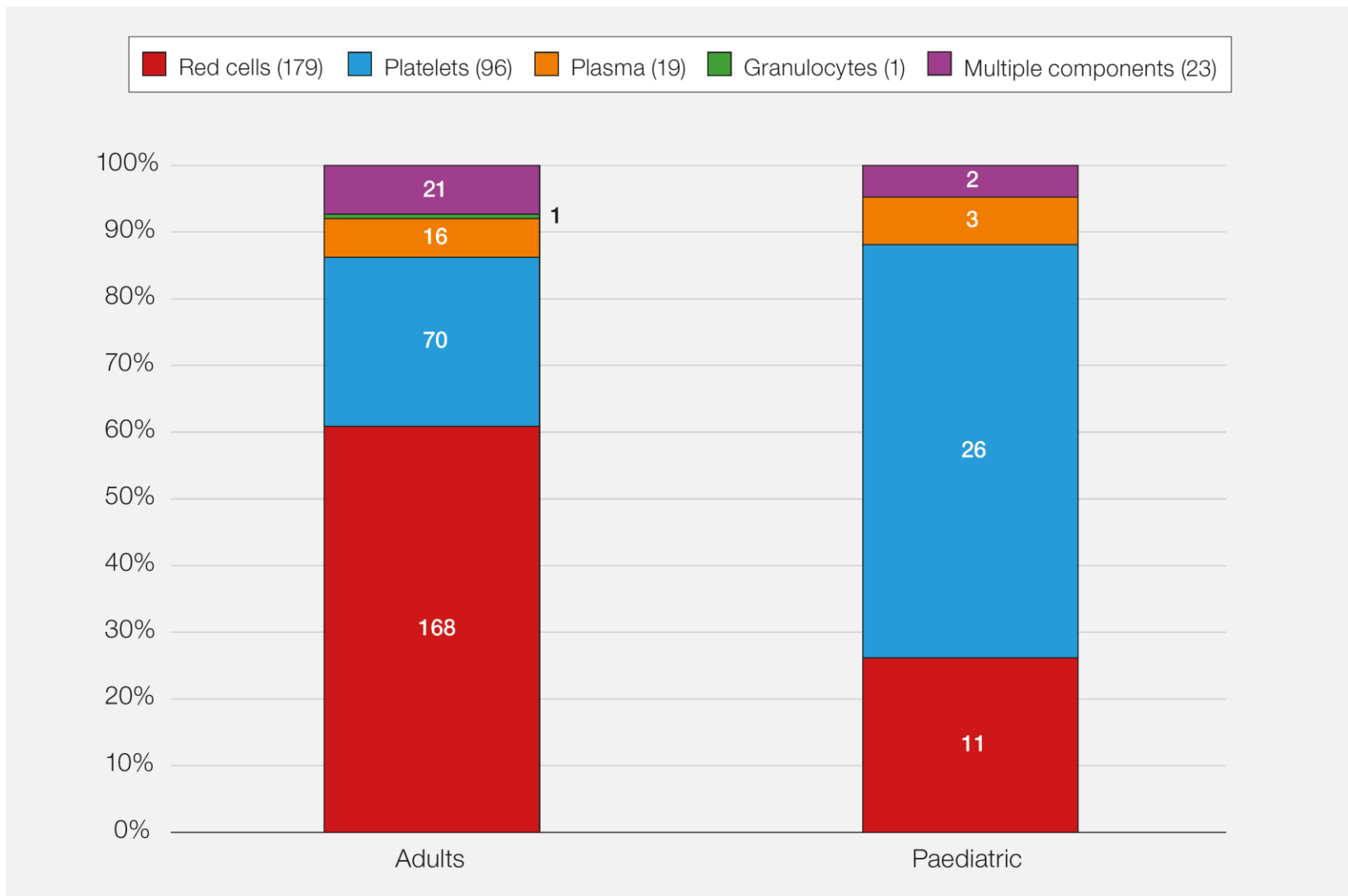


Other includes incomplete testing (n=3), invalid time-expired sample (n=1), failure to provide CMV-negative (n=1) and inappropriate D-positive component (n=1)  
 IBCT-WCT=incorrect blood component transfused-wrong component transfused; IBCT-SRNM=IBCT-specific requirements not met; CMV=cytomegalovirus

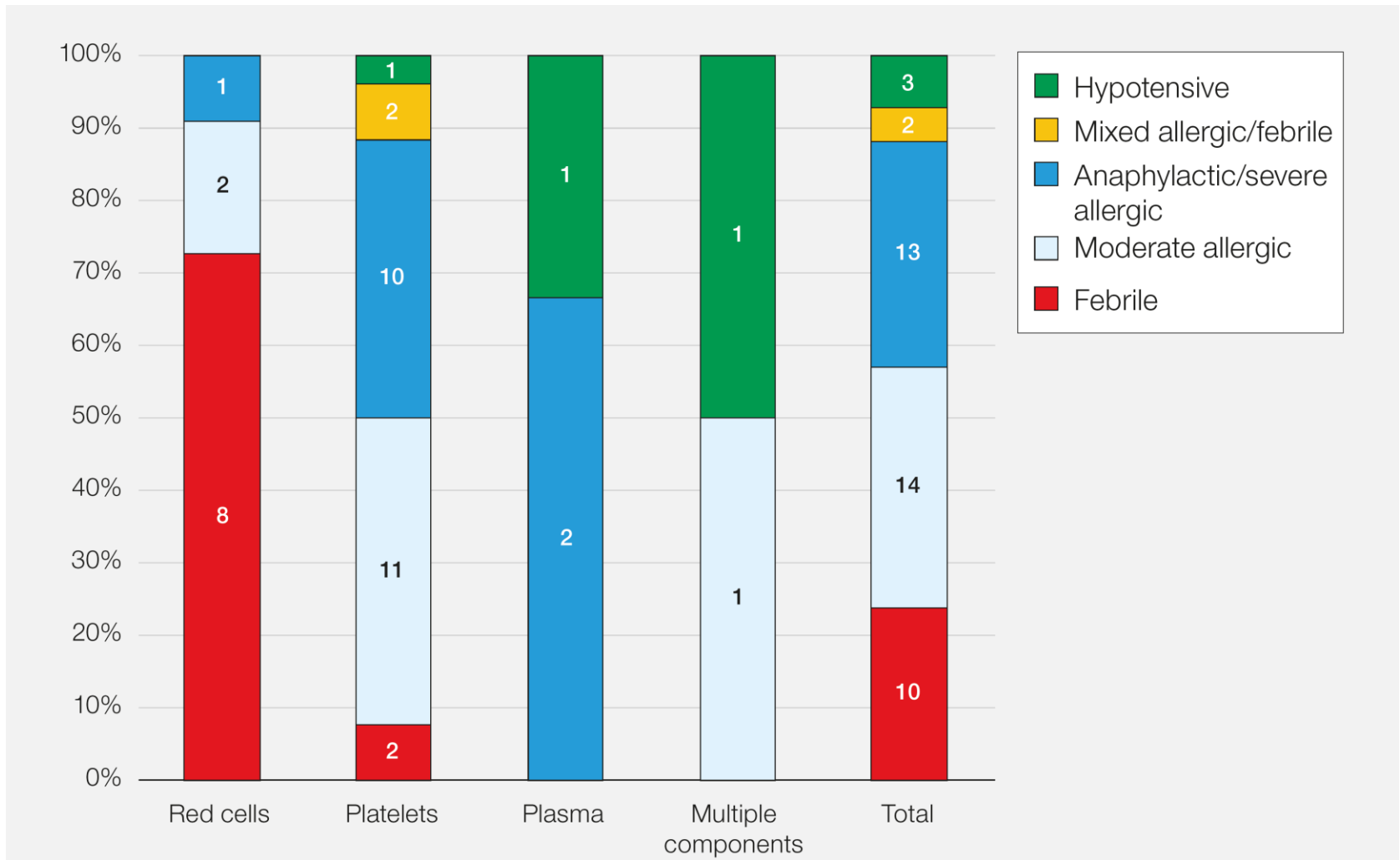
# Summary of FAHR reports by component type from 2012 to 2021



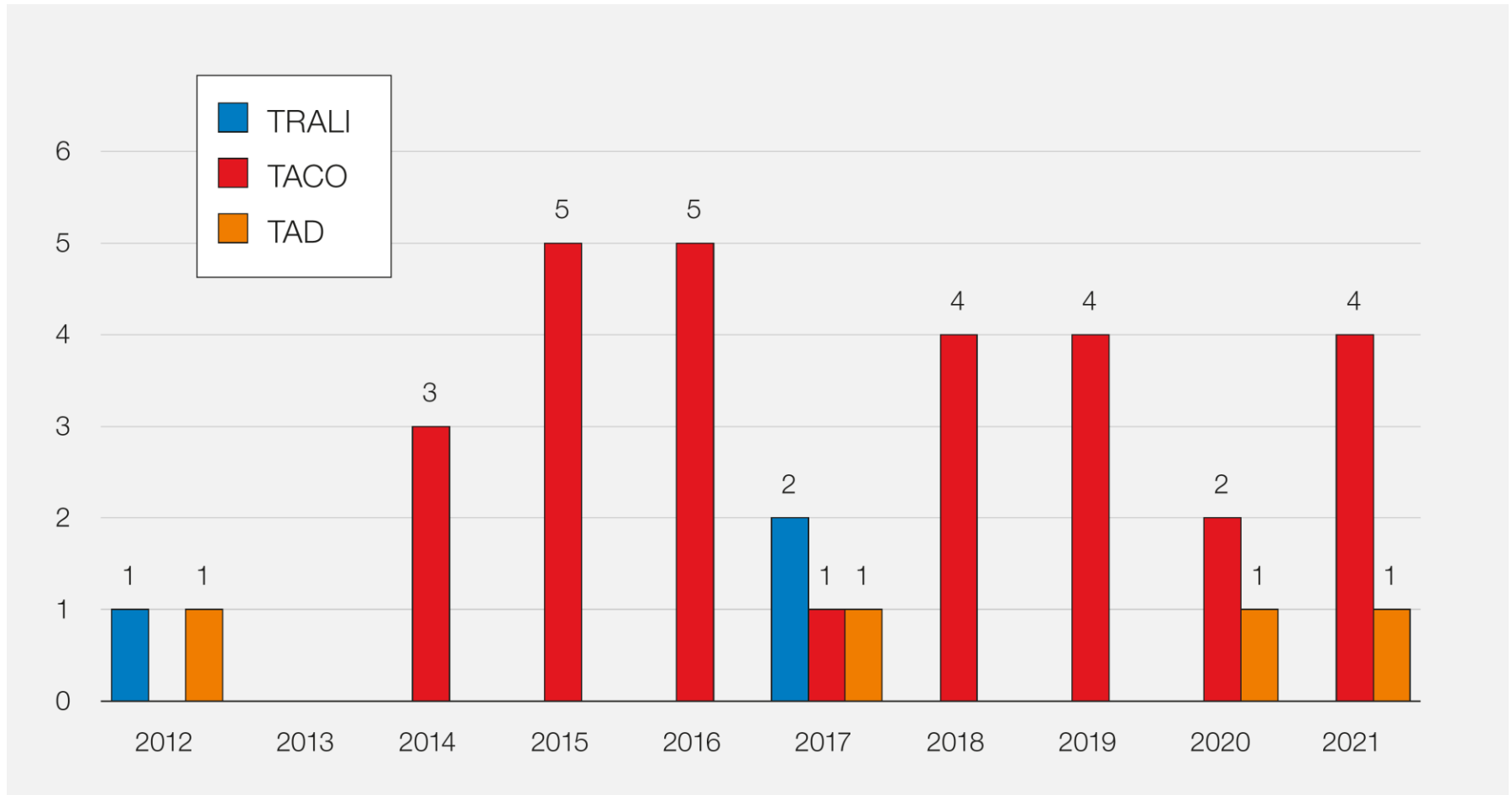
# Comparison of proportions of adult and paediatric FAHR related to different components in 2021



# Percentages of reaction types of each component for paediatric reports in 2021

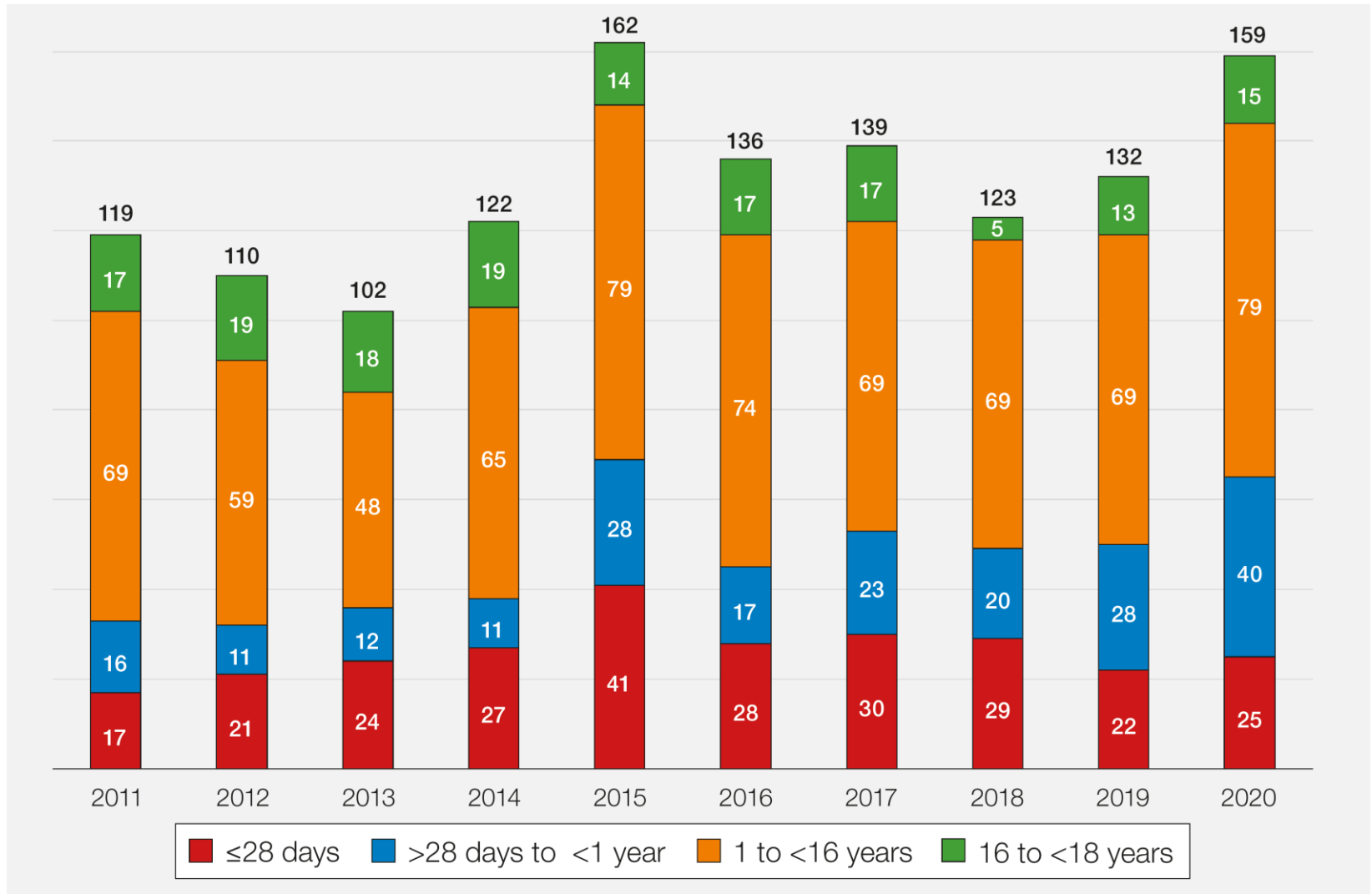


# Pulmonary complications in children and neonates 2012-2021

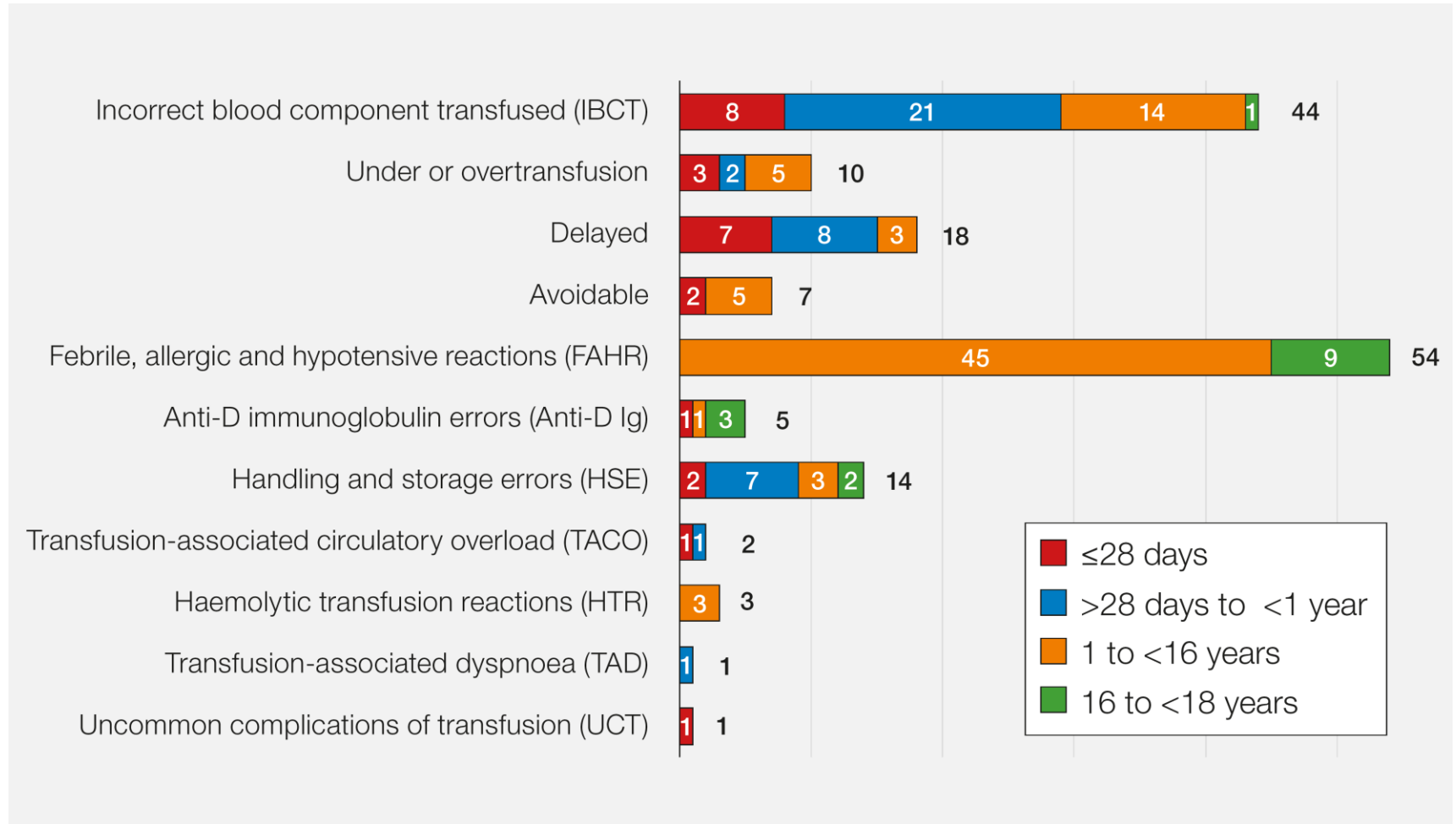




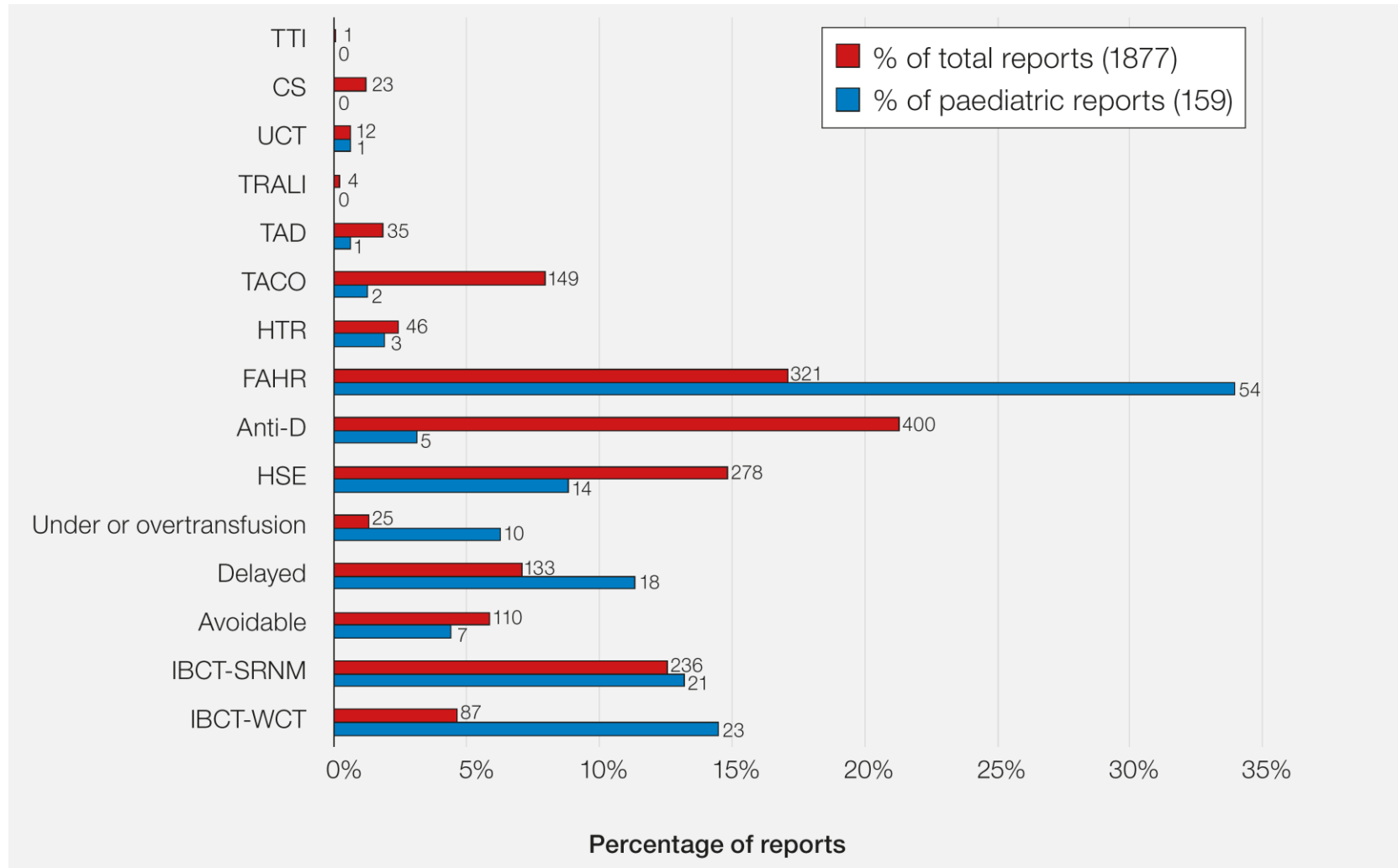
# Trends in paediatric reports from 2011-2020



# Summary of paediatric cases by category and age in 2020 (n=159)

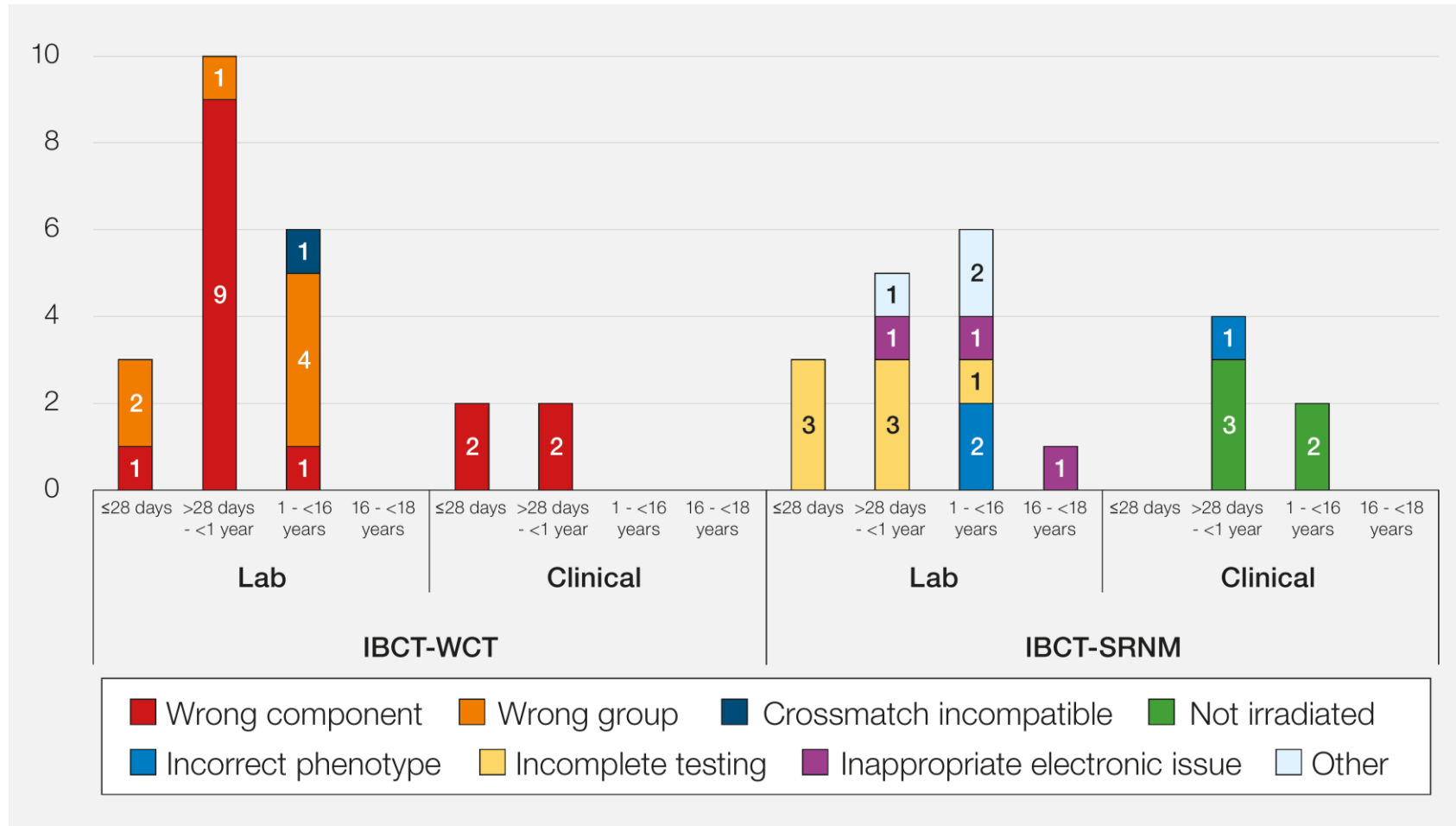


# Percentages of paediatric and total reports in each category in 2020



TTI=transfusion-transmitted infection; UCT=uncommon complications of transfusion; TRALI=transfusion-related acute lung injury; TAD=transfusion-associated dyspnoea; TACO=transfusion-associated circulatory overload; HTR=haemolytic transfusion reactions; FAHR=febrile, allergic and hypotensive reactions; HSE=handling and storage errors; IBCT-SRNM=incorrect blood component transfused-specific requirements not met; IBCT-WCT=IBCT-wrong component transfused

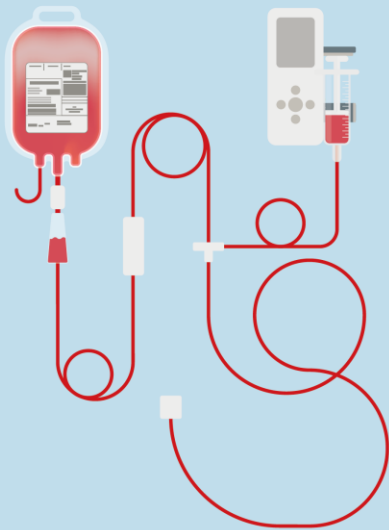
# Breakdown of incorrect blood component transfused reports in 2020 (n=44)



IBCT-WCT=incorrect blood component transfused-wrong component transfused; IBCT-SRNM=IBCT-specific requirements not met; MB=methylene blue-treated; SD=solvent-detergent treated

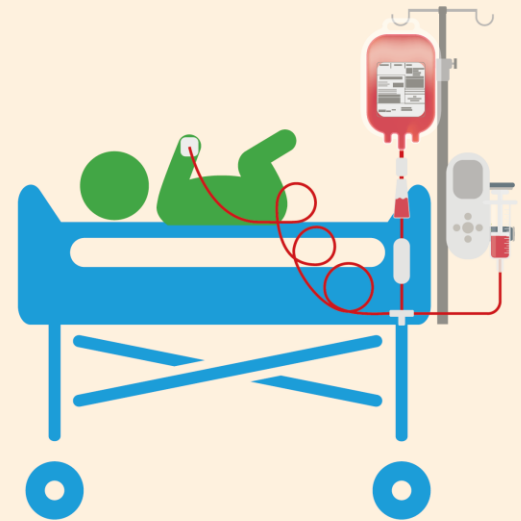
Note: Category 'other' includes invalid sample (n=1), K positive red cells to individual with childbearing potential (n=1), failure to provide washed platelets (n=1)

# Transfusion set up for neonates and infants

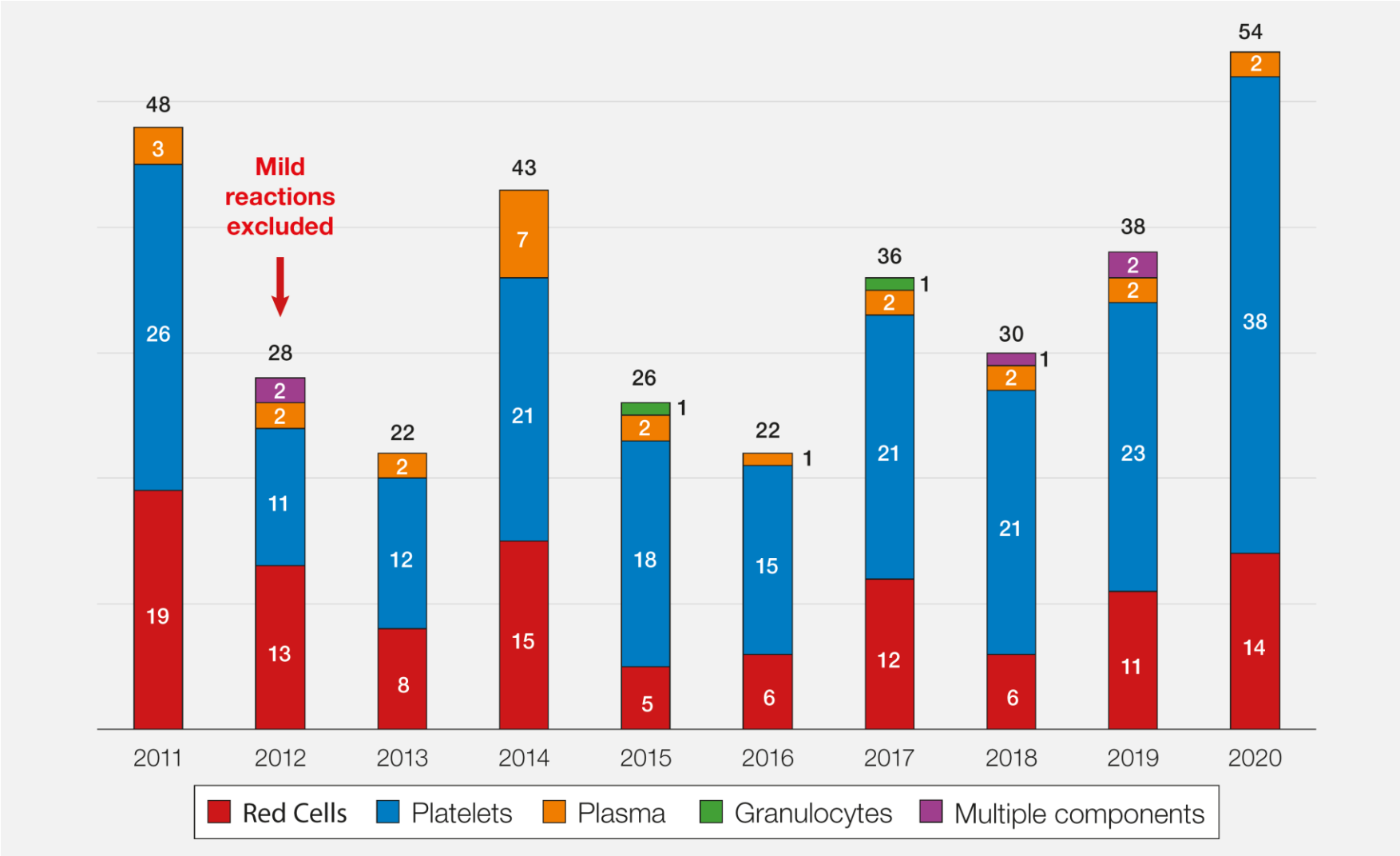


a: Neonatal transfusion giving set with syringe driver and 3-way tap

b: Infant receiving a red cell transfusion

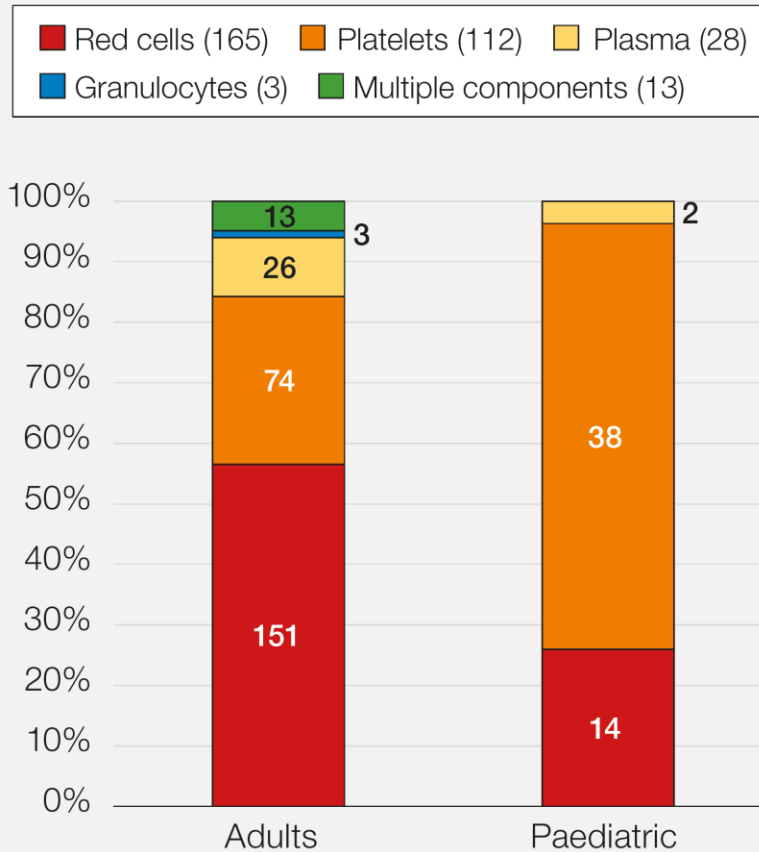


# Trend in paediatric FAHR reports 2011-2020



# Paediatric FAHR reports in 2020 (n=54)

a. Proportions of adult and paediatric FAHR



b. Paediatric FAHR reports by reaction and component

