

ABSTRACT

Syafa Dwi Setyaningrum (2023). Description of Fulfillment of Blood Requests at UDD PMI Malang Regency in 2020-2021. Scientific Writing for Descriptive Literature Studies. DIII Study Program in Malang Blood Bank Technology. Pharmacy and Food Analysis Major. Malang Ministry of Health Health Polytechnic. Advisor: Nia Lukita Ariani, S.Si, M.Sc.

Indonesia needs around 5.1 million blood bags per year or 2% of the total population in Indonesia. Meanwhile, the demand for blood that remained high during the pandemic caused an imbalance between the amount of demand and supply of blood. This study aims to describe the fulfillment of blood requests at UDD PMI Malang Regency in 2020-2021. This research method is descriptive with a quantitative approach, using a total sampling technique from existing data with a total sample of 55,276 bags. The data of this study used secondary data in the form of requests and expenditure of blood. This study used descriptive data analysis techniques with percentages in the form of data on demand, expenditure, and fulfillment of blood requests at UDD PMI Malang Regency on WB, PRC, FFP, and TC blood products. The specific objective of this study is to identify the number of requests, disbursements, and fulfillment of blood requests from January 2020-December 2021. The results of this study indicate that the highest requests and expenditures of blood occur in PRC and the least in FFP. The most stable fulfillment of blood requests occurs in the WB and FFP components (2020-2021) with a fulfillment percentage of 100%. Meanwhile, the blood component that is not fulfilled occurs in the PRC of 99.97% in 2020 and 97.56% in 2021, and the TC is fulfilled by 100% in 2020 and 97.7% in 2021.

Keywords: Fulfillment of Blood Requests, UDD PMI Malang Regency, Covid-19