

Blood Programme

Overview

[Blood Products]

Blood products refer to all pharmaceutical products which are derived from human blood and are roughly classified into blood transfusion products and plasma derivatives. All of the blood transfusion products are supplied through blood donations.

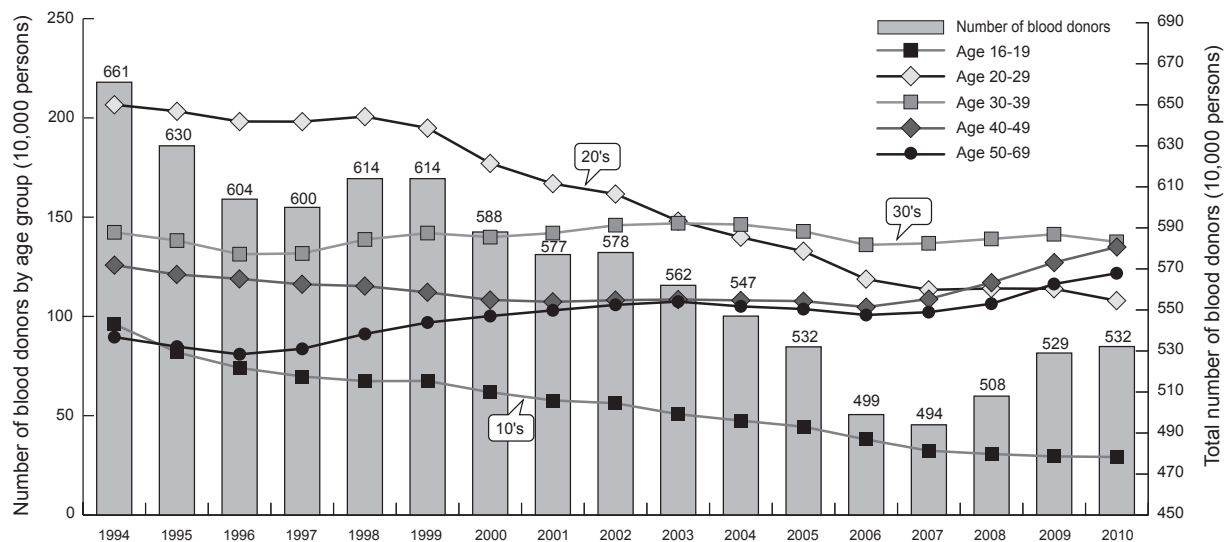
Of plasma derivatives, in contrast, while blood coagulation factor products are supplied domestically except for a few special products, a large part of other plasma derivatives, namely albumin preparations and hepatitis B immunoglobulin products, are still imported from overseas. This has been viewed as a problem, however, from the viewpoint of ethics and supply stability. Therefore efforts are being made in establishing a system for securing the domestic supply of all types of blood products including plasma derivatives.

Category	Type	Application
Blood transfusion products	Red blood cell products	Anemia due to hematopoietic organ diseases and chronic bleeding, etc.
	Plasma products	Liver damage, disseminated intravascular coagulation (DIC), thrombotic thrombocytopenic purpura (TTP), hemolytic-uremic syndrome (HUS), etc.
	Platelet products	Active bleeding, preoperative conditions of surgical operation, large volume blood transfusion, disseminated intravascular coagulation (DIC), blood diseases, etc.
Plasma derivatives	Albumin products	Hemorrhagic shock, nephrotic syndrome, hepatic cirrhosis accompanying intractable ascites, etc.
	Immunoglobulin products	Aglobulinemia or hypoglobulinemia, etc.
	Blood coagulation factor products	Supplementing blood coagulation factor to patients with blood coagulation factor deficiency

[Status of Blood Donation]

The number of blood donors increased in 2008, but the number of blood donors of younger populations aged 16-29 continues to remain on a decreasing trend. 400mL and apheresis donations have been introduced for some time in addition to the conventional 200mL donation. In recent years, 400mL and apheresis donations are becoming more popular.

Detailed Data 1 Change in Number of Blood Donors



Detailed Data 2 Changes in Number of Blood Donors by Donation Type and Donated Blood Volume

