

Infection Risks of Blood Transfusion:

Hepatitis B	1 per 300,000 to 500,000 transfused units
Hepatitis C	1 per 1,500,000 to 2,000,000 transfused units
HIV-1	1 per 2,000,000 to 3,000,000 transfused units
HIV-2	insignificant (theoretical risk)
HTLV-1	1 per 3,000,000 transfused units
HTLV-2	insignificant (theoretical risk)
West Nile Virus	insignificant (none reported for multiple years)
Malaria	approximately 1 per 4,000,000 transfused units
Chagas' disease	not known, considered highly unlikely (donor screening by serology recently begun)
Prion disease (CJD and vCJD)	theoretical only for CJD (no known cases), but transfusion-transmitted vCJD has occurred and been documented in the United Kingdom, but never in the United States
Babesiosis	risk from donors living in East Coast U.S., with 1 to 2 transfusion-related fatalities per year
Syphilis	insignificant (theoretical risk nowadays)

Other extremely rare infectious risks of blood transfusion:

Parvovirus B19, Bartonella sp., Borrelia sp., Rickettsia sp., Brucella sp.,
Leishmania sp., Toxoplasma sp., and Trypanosoma sp.

