ORGANS, BLOOD, TISSUES & CELLS IN THE EU

BLOOD TRANSFUSION
25 MILLION / YEAR

BONE MARROW TRANSPLANT
31 THOUSAND / YEAR

ASSISTED REPRODUCTION CYCLES OVER 1M* (IN 2019)

OTHER TISSUES :
HEART VALVES | SKIN | BONE | CORNEA

PLASMA FOR MANUFACTURING MEDICINES
8.4 MILLION LITRES / (IN 2021)

FROM DONOR TO RECIPIENT

DONATION COLLECTION TESTING PROCESSING STORAGE DISTRIBUTION APPLICATION

ORGAN TRANSPLANTS

16 794 KIDNEY
6 804 LIVER
2 076 HEART
1 815 LUNG
52 THOUSAND PATIENTS ON WAITING LIST ON 31/12/2022

TOTAL IN 2022
28 THOUSAND

OTHERS
449 PANCREAS
14 SMALL BOWEL
HAND
FACE

EU ACTIONS

SET SAFETY & QUALITY STANDARDS

MANAGE ALERT, VIGILANCE & TRACEABILITY SYSTEMS

COORDINATE AND EXCHANGE GOOD NATIONAL PRACTICES

FUND IMPROVEMENTS IN NATIONAL SYSTEMS

EU ACTIONS

1. Technical rules no longer reflect science
2. Inadequate protection of some citizens, particularly donors
3. Variable oversight limits cross-border trust, exchange and access
4. Review of Clinical outcome data and more legal clarity needed to support innovation
5. Risks for supply disruptions are not addressed

(Source 2019 Evaluation)

MEDICAL CENTRES

1 400
BLOOD ESTABLISHMENTS

3 492
TISSUE ESTABLISHMENTS

696
ORGAN TRANSPLANT PROGRAMMES


Sources: CoE/ONT, ESHRE, EBMT, Commission Reports on Implementation, SEC Coding Platform, Annual Commission Summaries on Serious Adverse Reaction and Events (SARE), Marketing Research Bureau

Updated: November 2023

*In 40 European Countries