

# ORGANS, BLOOD, TISSUES & CELLS IN THE EU



**BLOOD TRANSFUSION**  
25 MILLION / YEAR



**BONE MARROW TRANSPLANTS**  
35 THOUSAND / YEAR



**ASSISTED REPRODUCTION CYCLES**  
777 THOUSAND IN 2014



**OTHER TISSUES :**  
HEART VALVES | SKIN | BONE | CORNEA



**PLASMA FOR MANUFACTURING MEDICINES**  
8 MILLION LITRES / YEAR

## FROM DONOR TO RECIPIENT



## EU ACTIONS



**SET SAFETY & QUALITY STANDARDS**



**MANAGE ALERT, VIGILANCE & TRACEABILITY SYSTEMS**



**COORDINATE AND EXCHANGE GOOD NATIONAL PRACTICES**



**FUND IMPROVEMENTS IN NATIONAL SYSTEMS**

@ [ec.europa.eu/health/blood\\_tissues\\_organ](http://ec.europa.eu/health/blood_tissues_organ)s

EU LEGISLATION IS UNDER EVALUATION

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

Updated : December 2018

## ORGAN TRANSPLANTS

21 102  
KIDNEY



7 984  
LIVER



2 169  
HEART



2013  
LUNG



### OTHERS



PANCREAS



SMALL BOWEL



HAND



FACE

**TOTAL IN 2017**  
34 THOUSAND

60 THOUSAND  
PATIENTS ON WAITING  
LISTS ON 31/12/2017

## EU ACTION PLAN ORGANS

**ORGAN DONATION**

21%

2008 - 2015



35 %  
LIVING DONATION



16 %  
DONATION AFTER DEATH

## MEDICAL CENTRES

1 400

BLOOD ESTABLISHMENTS

4 000

TISSUE ESTABLISHMENTS

800

ORGAN TRANSPLANT PROGRAMMES