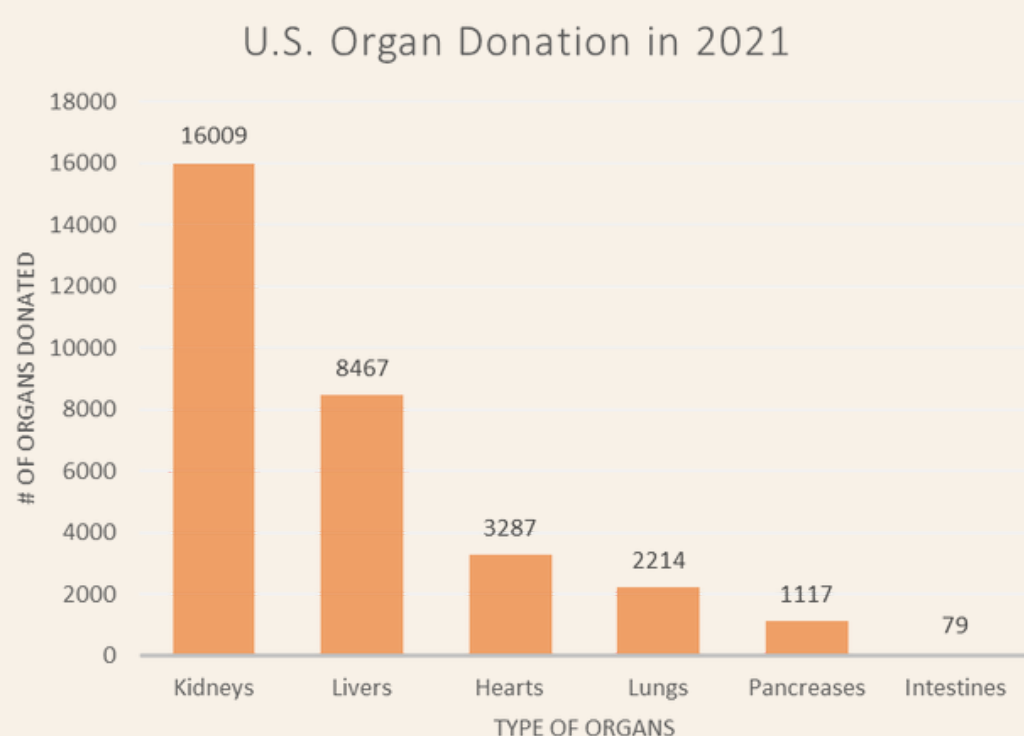


3-D Printing: THE SOLUTION TO SOLVING THE ORGAN SHORTAGE

EVERYDAY, SOMEONE DIES WHILE WAITING ON THE ORGAN TRANSPLANT LIST. THERE SIMPLY IS NOT ENOUGH DONATIONS TO MATCH THE NEED.

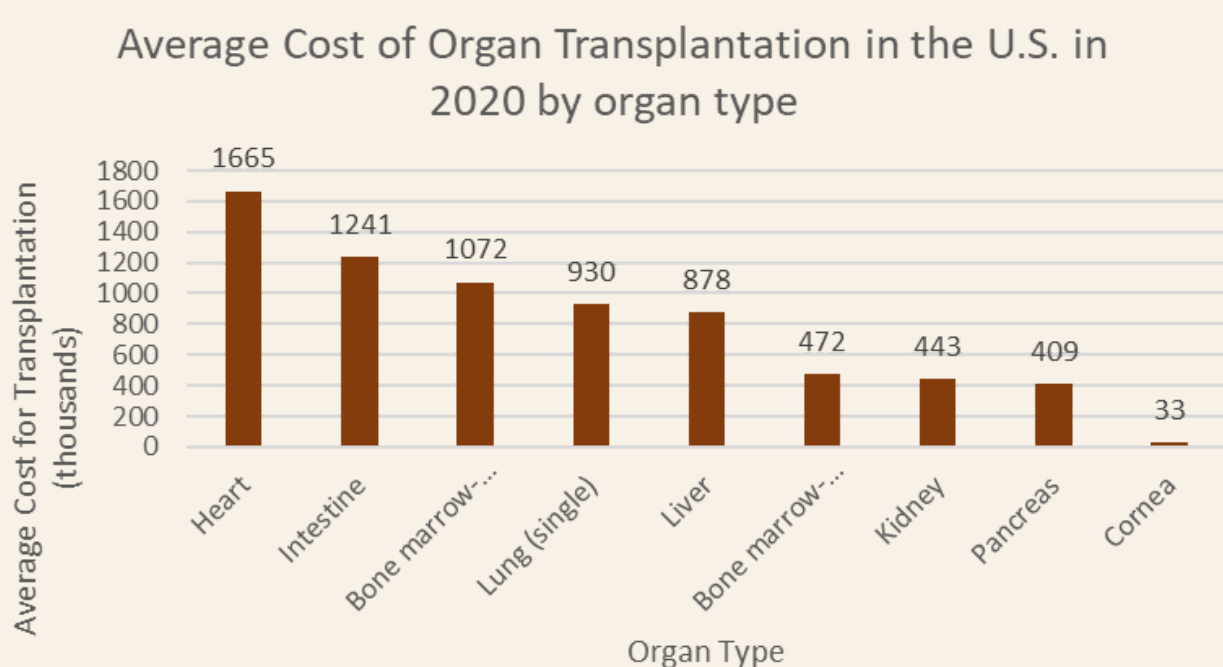
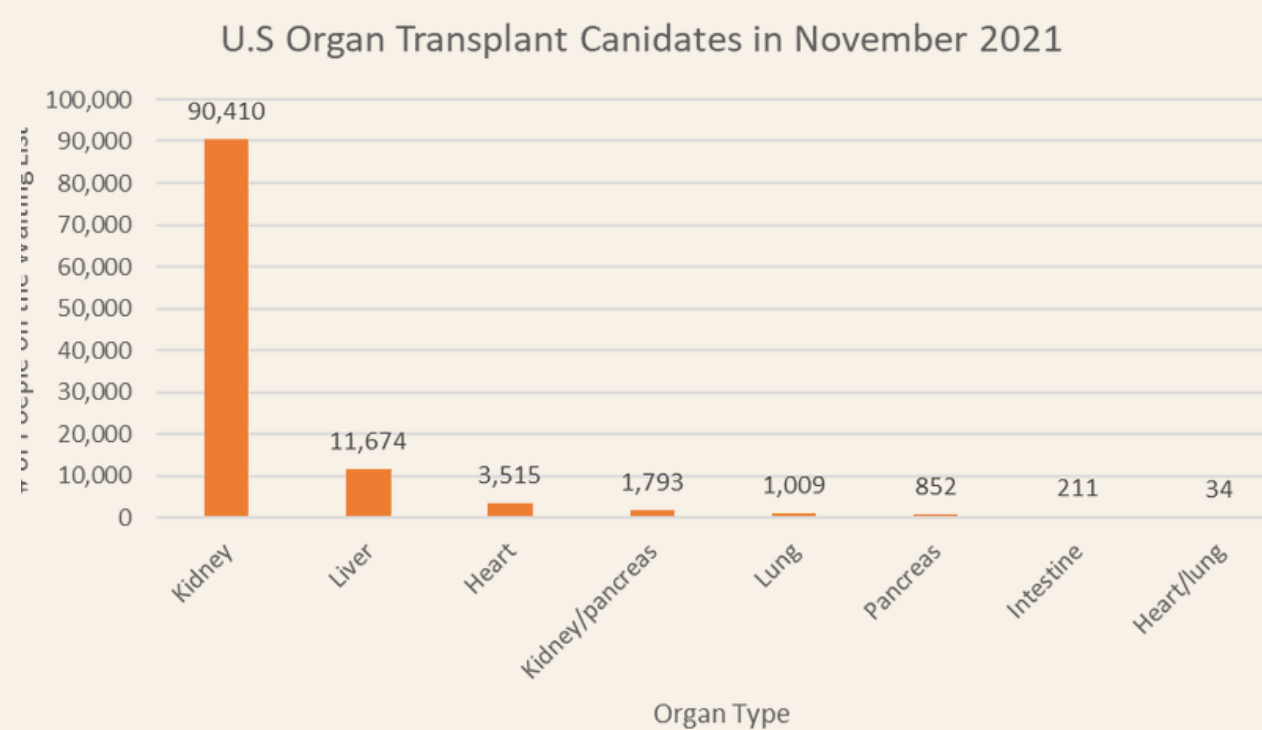


10-15 %
REJECTION RATE

1 PERSON CAN
SAVE UP TO 8
LIVES BY BEING
AN ORGAN
DONOR

EVERYDAY 17
PEOPLE DIE
WAITING ON A
TRANSPLANT

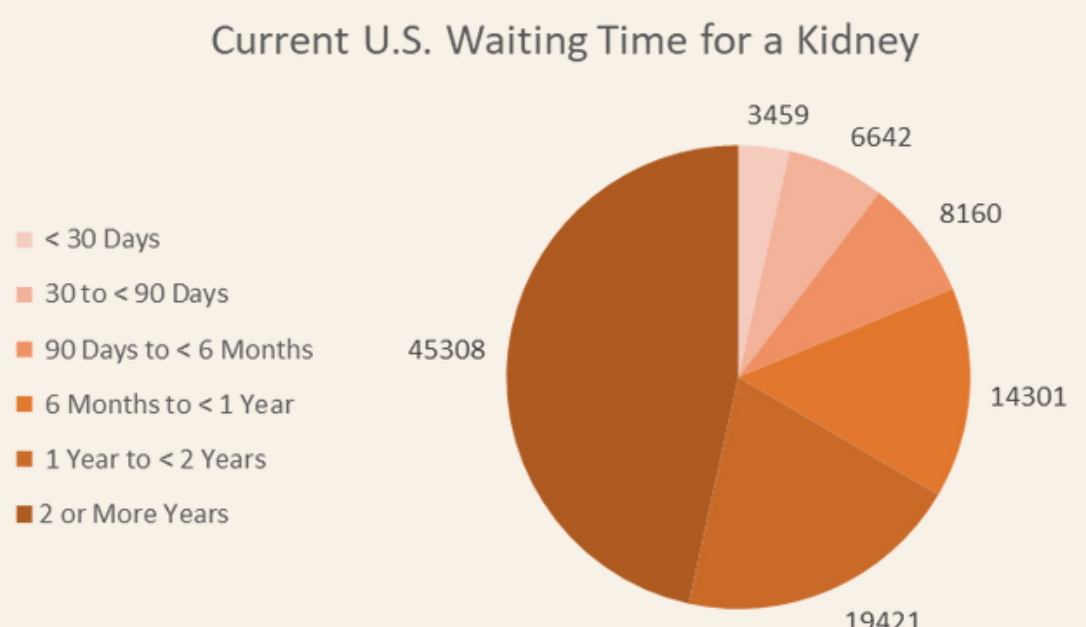
ADDITIONS TO
THE WAITING
LIST HAPPEN
EVERY 9
MINUTES



WAITING LIST
PATIENTS MUST
BE ABLE TO
SHOW THAT
THEY CAN PAY
20% OF THE
COST FOR THE
SURGERY

AVERAGE
WAITING TIME
FOR A KIDNEY
IS 679 DAYS

OVER 95% SURVIVAL
RATE FOR KIDNEY
TRANSPLANT
RECIPIENTS



ONLY 60% OF PEOPLE
ARE SIGNED UP AS
ORGAN DONORS

THE SOLUTION:

MANY PEOPLE DIE DUE TO THE SHORTAGE OF DONATIONS. 3-D PRINTING PROVIDES A SOLUTION TO THE ORGAN SHORTAGE.

RESEARCHERS ARE DEVELOPING A TEMPORARY ORGAN STRUCTURE CALLED SCAFFOLDS THAT CAN REPAIR DAMAGED TISSUES. ULTIMATELY THIS CAN LEAD TO THE CREATION OF ARTIFICIAL ORGANS THAT POTENTIALLY CAN ELIMINATE THE NEED FOR ORGAN DONORS.