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	Classified by KDPI based on:						
	Donor age						
	Height						
	Weight						
	Ethnicity						
	History of hypertension						
	History of diabetes						
	Cause of death						
	Serum creatinine						
	Hepatitis C virus status						
	Donation after circulatory death						
OPTI	N						





Change– Paybacks eliminated						
Current	New					
Requires an OPO that receives a kidney from another OPO for 0- ABDR or combined organ transplant to payback the kidney.	All payback credits and debts are eliminated.					
OPTN						

Change– Variances eliminated						
Current	New					
Numerous variances exist in the system	All variances will be eliminated					
OPTN						









#### Allocation & Distribution in Liver Transplantation

- Allocation: a ranking component for ordering candidates according to medical urgency, prioritizes candidates most in need
- **Distribution:** separate component for subsetting the national list into geographic subunits within which candidates are ranked for each liver, how donor livers are offered to the prioritized list of candidates

OPTN

UNOS III





















## Final Rule: "Neither place of residence nor place of listing shall be a major determinant of access to a transplant."







## **Redistricting as a Potential Solution**

Full "district" sharing (no local tier) with DSAs grouped into optimized areas of 4, 5, 6, 7, 8 and 11 districts were modeled.

Statistical modeling strongly suggests that using **fewer** geographical allocation districts would likely result in reduced waitlist deaths and a reduced variation in the MELD or PELD scores at transplant.

OPTN

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## Redistricting as a Potential Solution

## The Committee agreed upon the following parameters for these optimized maps:

- The number of districts should be at least 4 and no more than 8;
- The minimum number of transplant centers per district is 6;
- The maximum median travel time between DSAs placed in the same district is 3 hours; and
- The number of waitlist deaths under redistricting must not be statistically significantly higher than in the current system.
- The districts should be contiguous.

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Optimized Redistribution Plan Based on Statistical Evidence								
	Standard	%	%		Net	Net		
	deviation of	MELD	MELD	%	total	waitlist		
Districts	tx MELD	<15	>25	Pediatric	deaths	deaths		
4	1.87	2.5%	64.3%	8.7%	-553.8	-581.1		
8	2.08	3.7%	59.6%	8.1%	-332.4	-342.1		
Local first	3.01	5.8%	50.1%	7.5%	0	0		
Regional	3.26	5.5%	54.3%	7.7%	-164.6	-122.4		
National	1.66	1.9%	83.3%	10.4%	-343.6	-509.9		
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### Most Recent Policy Changes – Share 35/15/LI-IN

**OPTN** 

- On June 18, 2013, the OPTN implemented a number of changes to adult donor liver allocation:
- Extend regional sharing of livers to MELD/PELD 15+ candidates on a national basis ("Share 15")
- Regional sharing of livers to MELD/PELD 35+ candidates ("Share 35")
- National sharing of livers and intestines to liver-intestine candidates
- Liver and Intestinal Organ Transplantation Committee charged with monitoring the impact of allocation changes

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Regional sharing increased from 19.4% to 30.4% of deceased donor transplants
MELD/PELD 35+ transplants increased from 19.9% to 25.2%
Liver-intestine transplants increased from 12 to 44
Liver discards decreased
Waiting list mortality decreased 7%
Import/export dynamics by DSA was similar between eras

MORE LIVES SAVED

OPTN
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National Effects of Share 35\*

# QUESTIONS? OPTN