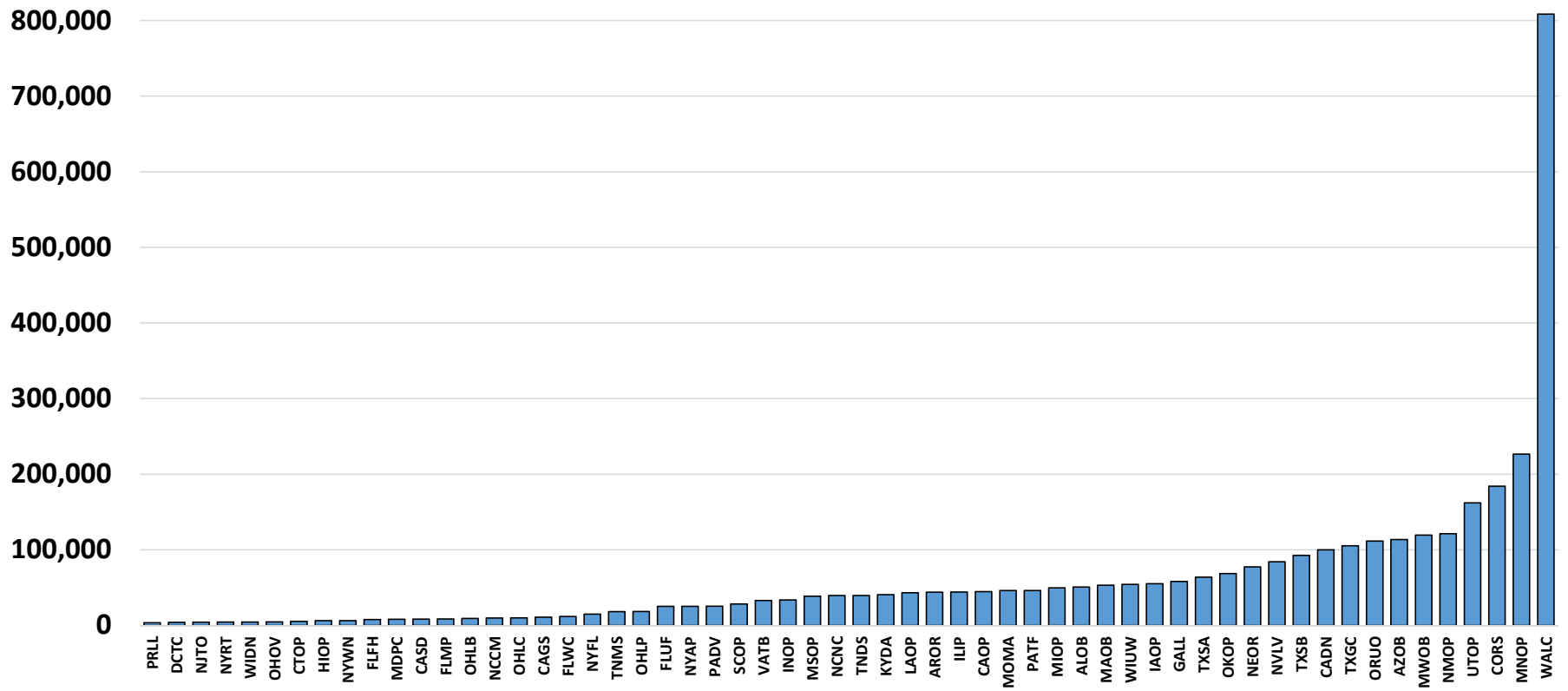


Commentary from
University of Washington Medical Center Liver Transplant Program
and LifeCenter Northwest Organ Procurement Organization

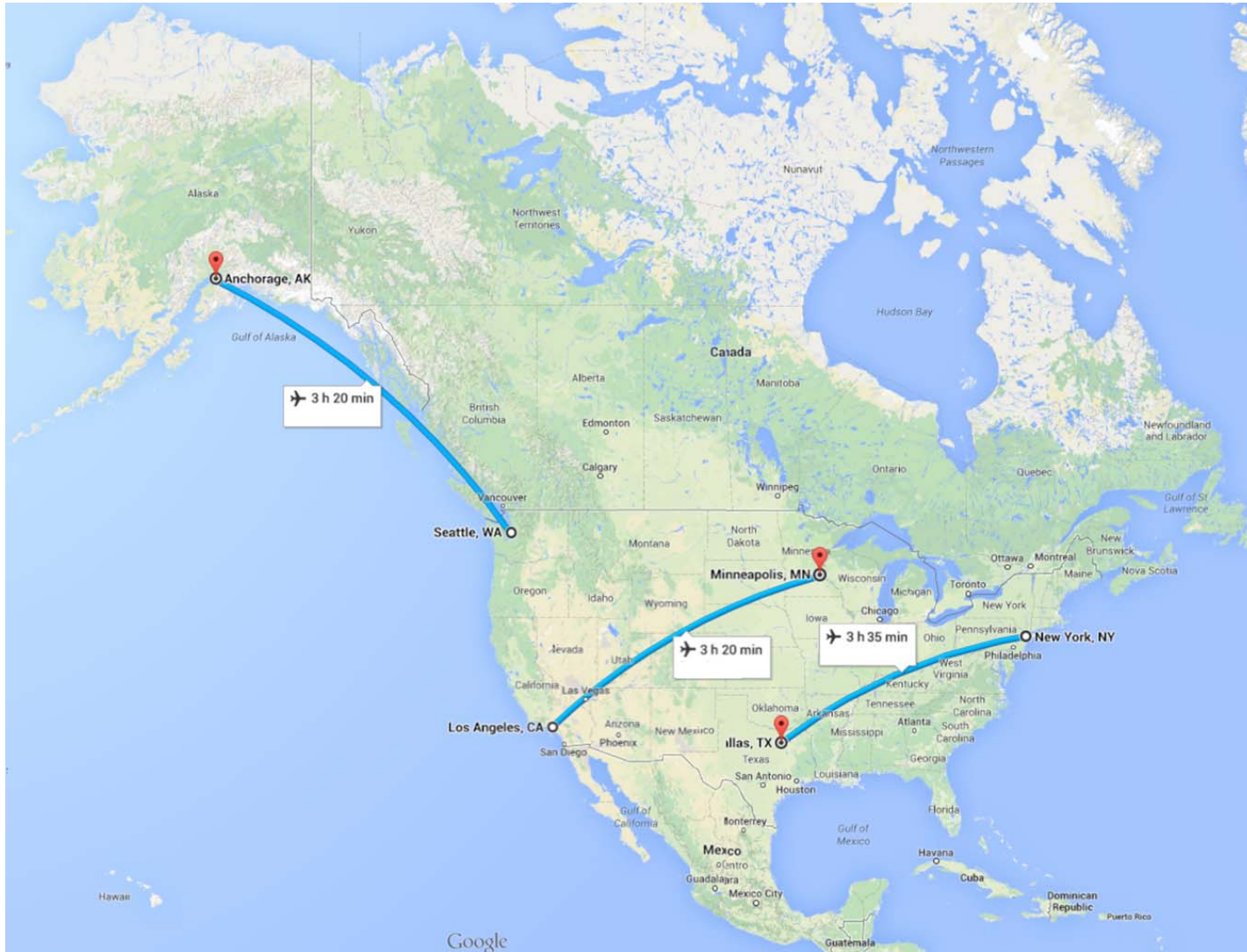
Jorge Reyes, MD
Chief Division of Transplantation
University of Washington

Kevin O'Connor, MS
President and CEO
LifeCenter Northwest

OPO Local Service Areas (square miles)

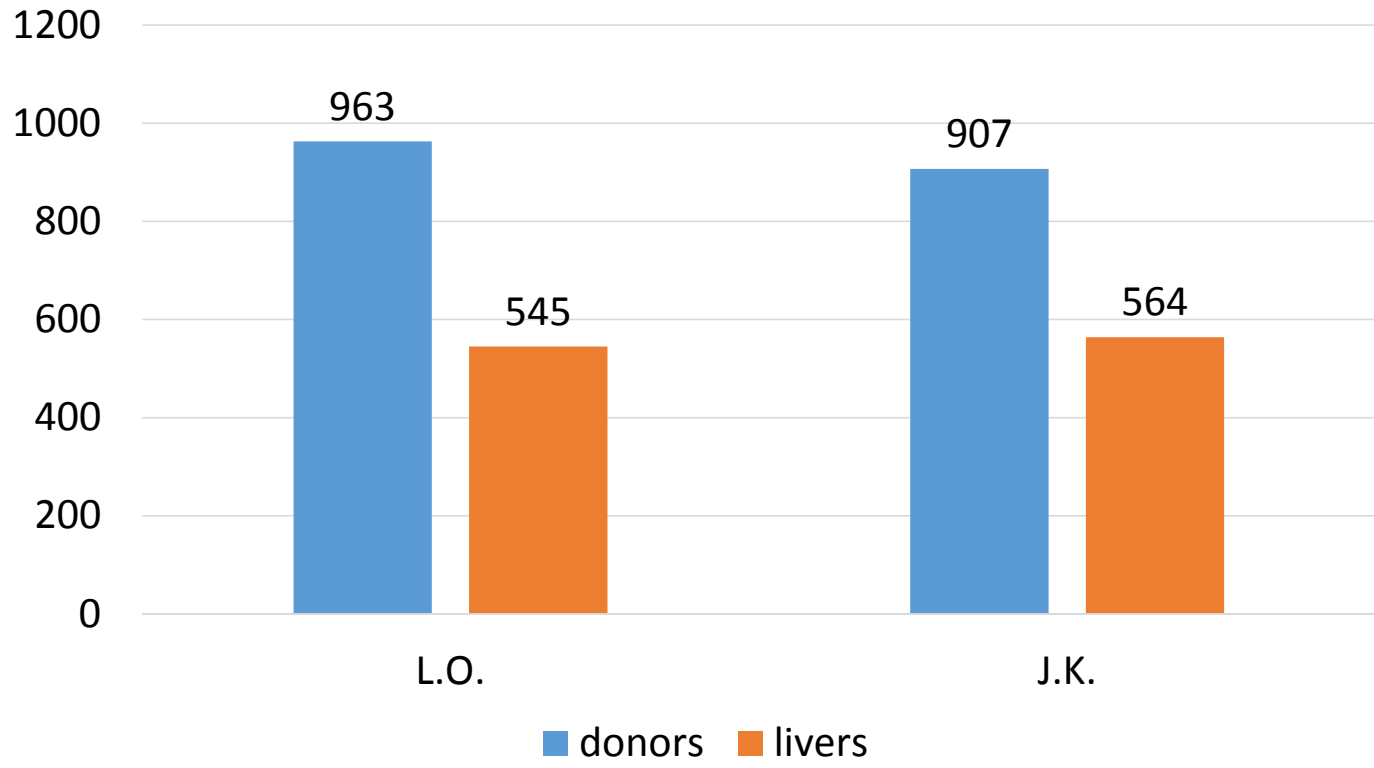


(source: SRTR data tables at www.srtr.org)



Dedicated Organ Recovery Process

Organ Donors and Livers Recovered Since 12/2001

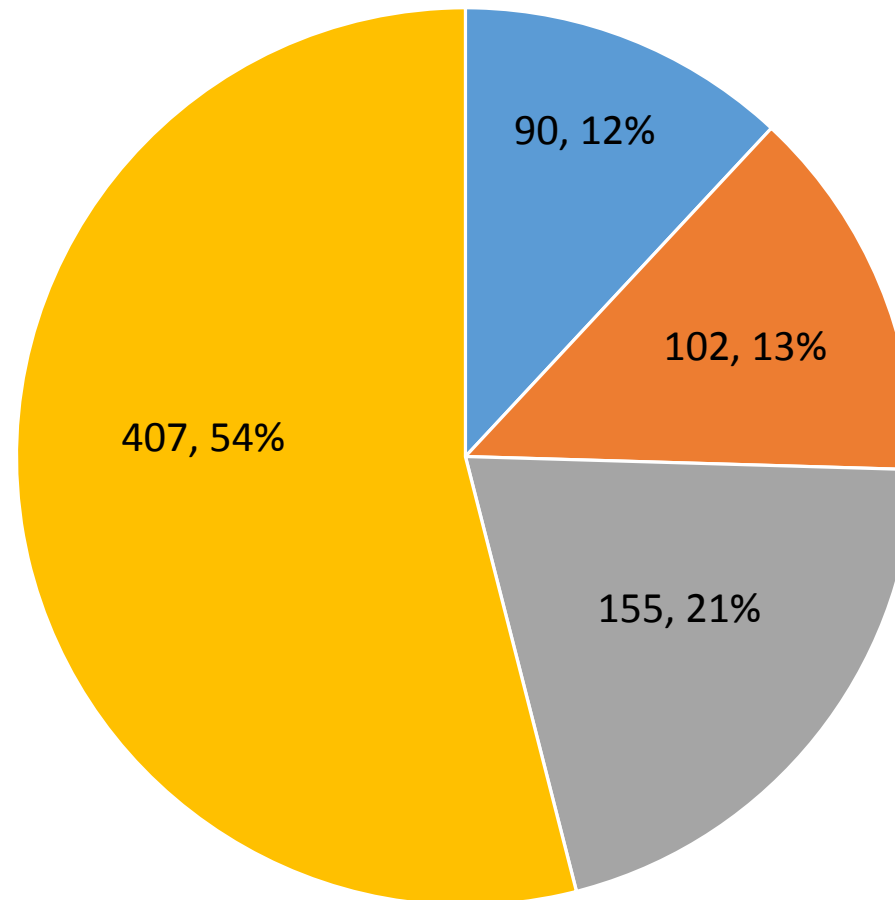


(1870 organ donors including 320 DCDs)

754 LCNW Organ Donors

1/1/10 – 8/22/14

- AK (3.5 hour flight)
- MT (2 hour flight)
- Eastern WA (1 hour flight)
- Western WA (no flight)



Distance from Seattle to:

Anchorage, AK = 1450 miles

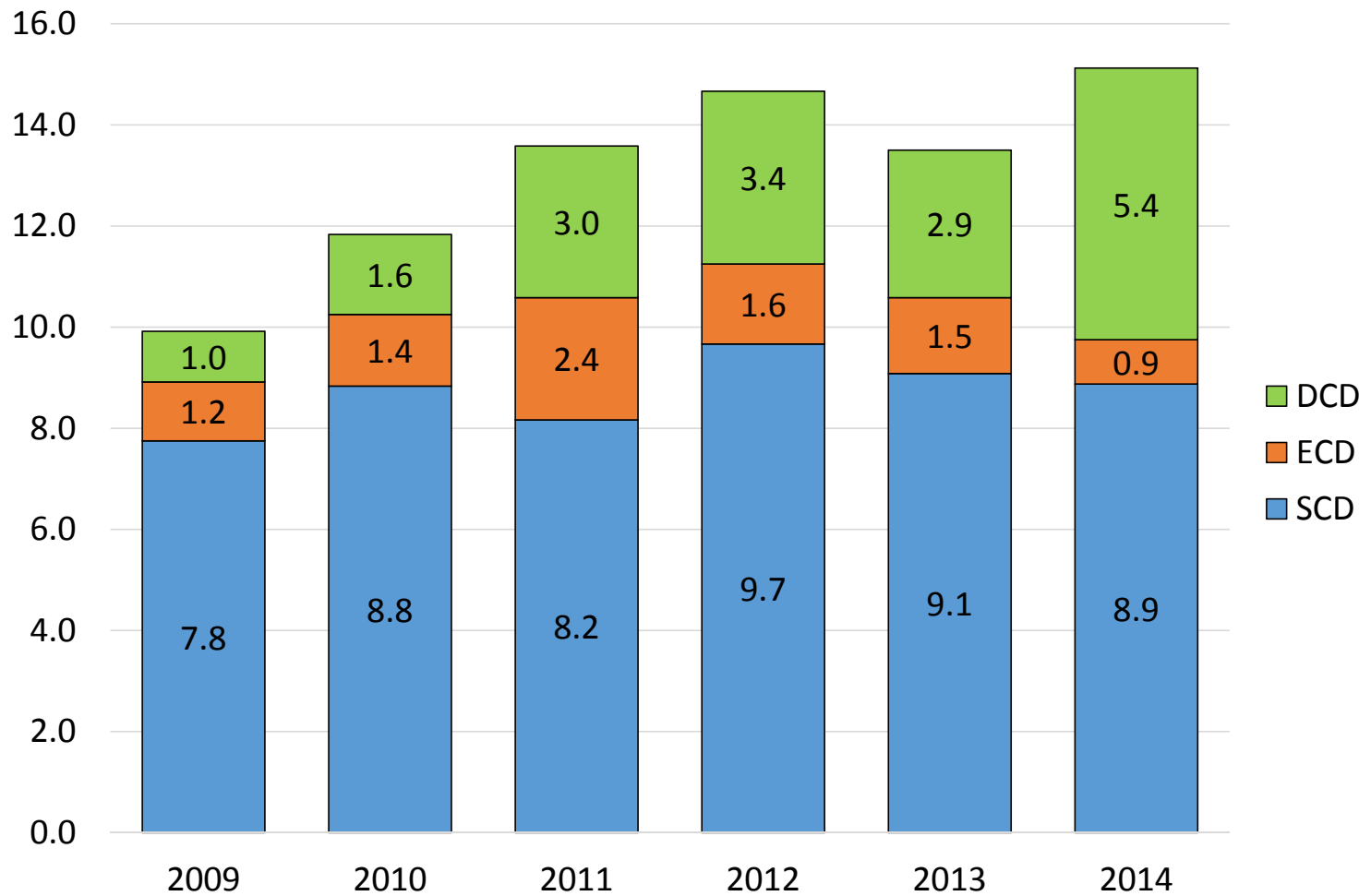
Billings, MT = 820 miles

Spokane, WA = 280 miles

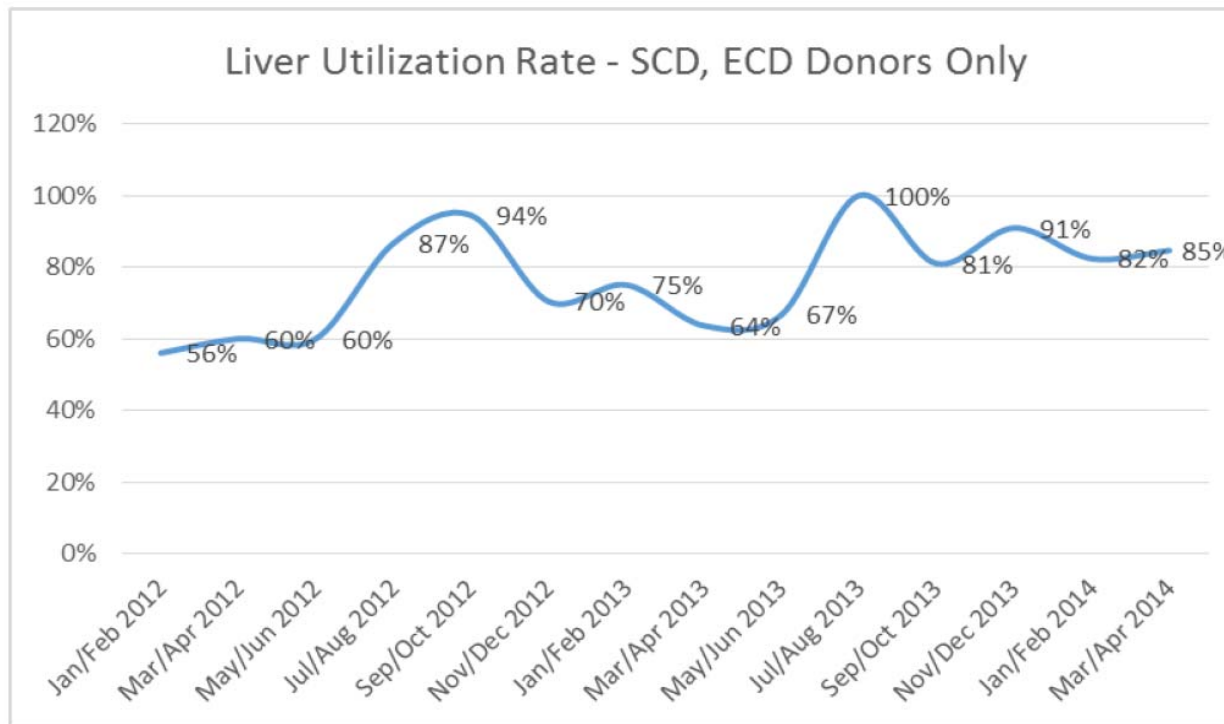
Success Factors for Collaboration

- Shared goals of maximizing donation and transplantation volumes and outcomes
- Trusted and skilled dedicated organ recovery staff and Medical Advisors
- Close communication between recovery staff and transplant programs during recovery process
- Regular scheduled joint meetings to review organ utilization and quality metrics
- Frequent in-person communication and feedback
- Shared interest in quality improvement

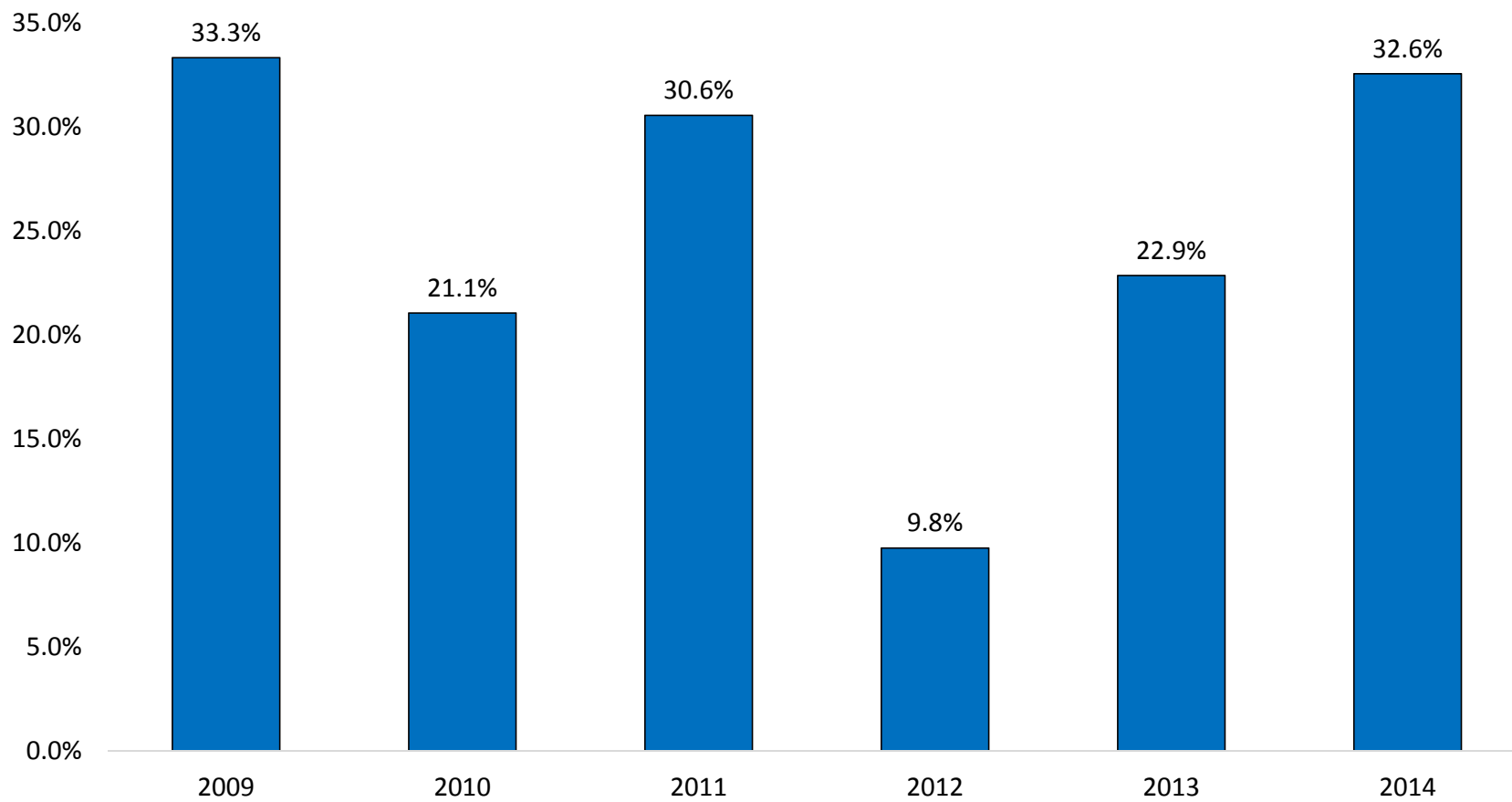
LCNW Average Donors per Month



Liver Utilization



Percentage DCD Livers Transplanted



UW Liver Transplantation - Cold Ischemic Times (Alaska, Hawaii)

Table 9
Transplant Operation Characteristics, Deceased Donor Transplants
 Transplants performed between 07/01/2012 and 06/30/2013
 Center: University of Washington Medical Center (WAUW)
 Organ: LI: Liver

	Percentage in each category (except where noted)		
	Center 100% (N=73)	Region 100% (N=161)	U.S. 100% (N=6,032)
Cold Ischemic Time (Hours): Local (%)			
Deceased: 0-5 hr	13.6	15.4	50.9
Deceased: 6-10 hr	63.6	64.4	42.7
Deceased: 11-15 hr	22.7	18.8	3.7
Deceased: 16-20 hr	0.0	0.7	0.2
Deceased: 21+ hr	0.0	0.0	0.7
Not Reported	0.0	0.7	1.9
Cold Ischemic Time (Hours): Shared (%)			
Deceased: 0-5 hr	0.0	0.0	30.6
Deceased: 6-10 hr	14.3	25.0	61.7
Deceased: 11-15 hr	28.6	33.3	5.3
Deceased: 16-20 hr	57.1	33.3	0.7
Deceased: 21+ hr	0.0	0.0	0.4
Not Reported	0.0	8.3	1.4

Challenges and opportunities:

- Surgical errors-minimal
- DCD procurements- the dedicated procurement model has enhanced donor opportunities and established technical excellence
- Multiple donors with overlapping procurements- logistical nightmare for recipient hospital receiving thoracic and abdominal organs
- Intermittency of donors- limitations on ECD donors, given decreased opportunities for early retransplantation if needed
- Logistics of Recipient operation- commits to utilization of organ, and the hazards of mis-communication/poor assessment of graft quality/logistics of transportation
- Liver graft assessment- Biopsy assessment of variable utility