

REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

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COVID-19 Guide

Adjustments to Transplant Program and OPO Evaluation Metrics

The Scientific Registry of Transplant Recipients (SRTR), under contract from the Health Resources and Services Administration (HRSA), is charged with evaluating the performance of the nation's transplant system through publication of semi-annual transplant program-specific reports (PSRs) and organ procurement organization (OPO)-specific reports (OSRs). These reports contain performance metrics covering various time periods. For OPOs, these metrics include deceased donor organ yield. For transplant programs, they include pre-transplant mortality rates (formerly called waitlist mortality rates), transplant rates, organ offer acceptance rates, patient mortality after listing, and 1-month, 90-day, 1-year, 1-year conditional on 90-day, and 3-year posttransplant outcomes including graft survival and patient survival.

In response to the current global pandemic, SRTR modified the evaluation metrics for transplant programs and OPOs for the reports released in January 2021, July 2021, January 2022, July 2022, January 2023, July 2023, January 2024 and July 2024. These reports made adjustments to transplant program and OPO performance metrics so that data during the time around the declaration of a national public health emergency on March 13, 2020, were not included in the metrics.

Modifications for the January 2025 reporting cycle were considered at the Analytic Methods Subcommittee of the SRTR Review Committee (SRC) at its meeting on March 24, 2021, and the full SRC meetings April 27, 2021 and on January 11, 2022. Both the Analytic Methods Subcommittee and the full SRC recommended an ongoing carve out of the first quarter of the pandemic (March 13, 2020 through June 12, 2020) from adjusted performance metrics, as detailed below. These recommendations were reviewed by HRSA's Division of Transplantation, which oversees SRTR. HRSA approved these recommendations, which SRTR will implement for the January 2025 reporting cycle. These changes will remain in force beyond the January 2025 reporting cycle, unless otherwise amended:

Posttransplant Outcomes (including 1-month, 90-day, 1-year, 1-year conditional on 90-day, and 3-year graft and patient survival): Evaluation cohorts will exclude transplants performed between March 13, 2020 and June 12, 2020, inclusive of March 13 and June 12. Patients given transplants before March 13, 2020 will have follow-up censored on March 12, 2020. Patients given transplants after June 12, 2020 will resume normal follow-up. Follow-up will not resume for patients given transplants before March 13, 2020 who are alive with function on June 12, 2020; however, this may be reconsidered as SRTR continues to explore moving to a period-prevalent methodology:

1-month, 90-day, 1-year & 1-year conditional on 90-day Patient and Graft Survival Evaluations: Transplants 7/1/2021-12/31/2023, follow-up through 6/30/2024.

3-year Patient and Graft Survival Evaluations: Transplants 1/1/2019-3/12/2020, follow-up through 3/12/2020. Transplants 6/13/2020-6/30/2021; follow-up through 6/30/2024.

Pre-Transplant Mortality Rate (formerly called Waitlist Mortality Rate): These evaluations are based on normal reporting cohorts.

Days after listing (and before transplant) between 7/1/2022 and 6/30/2024.



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Transplant Rate: These evaluations are based on normal reporting cohorts.

Candidates on the waitlist 7/1/2022-6/30/2024.

Overall Rate of Mortality After Listing: These evaluations are based on normal reporting cohorts.

Evaluation period: 7/1/2022-6/30/2024.

Offer Acceptance Rate: These evaluations are based on normal reporting cohorts.

Offers received 7/1/2023-6/30/2024.

These decisions will apply to the evaluations released in the SRTR's semi-annual program-specific reports scheduled for release on January 7, 2025. These changes have been communicated to the leadership of the Organ Procurement and Transplantation Network's (OPTN) Membership and Professional Standards Committee (MSPC). These decisions will then be re-evaluated as more information becomes available in preparation for the release scheduled for July 2025.

As with the July 2024 reports, SRTR will continue to report descriptive data beyond March 12, 2020, e.g., waitlist counts, transplant counts, recipient characteristics, donor counts, donor characteristics, etc., but will alter data for performance evaluation metrics as described above.



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This report contains a wide range of useful information about the liver transplant program at University of Colorado Hospital/Health Science Center. The report has three main sections:

- A. Program Summary
- B. Waiting List Information
- C. Transplant Information

The Program Summary is a one-page summary highlighting characteristics of the program, including the number of candidates on the waiting list, the number of transplants performed at the program, the number of patients being cared for by the program, and patient outcomes, including outcomes while on the waiting list (the transplant rate and the death rate while on the waiting list) and outcomes after transplant (patient and graft survival probabilities). If the program performed transplants in both adults and children, survival probabilities for adults and children (pediatrics) are provided separately. For each of the outcomes measures presented, a comparison is provided showing what would be expected at this program if it were performing as similar programs around the country perform when treating similar patients. More details regarding these outcome measures are provided in Sections B and C of the report.

The Waiting List Information section contains more detailed information on how many candidates are on the waiting list at the program, the types of candidates on the waiting list, how long candidates typically have to wait for a transplant at this program, how frequently candidates successfully receive a transplant, and how often candidates on the waiting list die before receiving a transplant.

Table B1 shows the activity on this program's waiting list during two recent 1-year periods and provides comparisons to all programs within this program's OPTN region (see http://optn.transplant.hrsa.gov/members/regions.asp for information on OPTN regions) and the nation as a whole. Tables B2 and B3 describe the candidates on the waiting list at this program, with comparisons to candidates waiting in the same donor service area (OPO/DSA) the OPTN region, and the nation as a whole.

Table B4 shows how many candidates were removed from the waiting list because they received a transplant. The program's transplant rate is calculated as the number of candidates who received a transplant divided by the person-years observed at the program (person-years is a combination of how many candidates were on the waiting list along with how long each candidate was followed since some candidates are not on the waiting list for the entire year). The transplant rate and comparisons to what would be expected at this program are presented in Figures B1 and B2. Figure B1 shows the transplant rate compared to what was expected at this program. The expected transplant rate is an estimate of what we would expect at this program if it were performing transplants at rates similar to other programs in the US with similar candidates on their waiting lists. The expected rate is only an estimate, and is made with a certain level of uncertainty. This uncertainty is shown in Figure B2. Figure B2 displays the ratio of the observed to the expected transplant rate. A ratio of 1 indicates that the observed transplant rate was equal to the expected transplant rate, while a ratio less than 1 indicates the observed rate was lower than expected rate and a ratio greater than 1 indicates the observed rate was higher than the expected rate. However, the level of uncertainty must be considered when interpreting these numbers. The 95% interval is also shown on Figure B2. This interval provides a range within which the true ratio of observed to expected transplant rates is likely to be. If this



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confidence interval includes (crosses) 1.0, then we cannot say that this program's observed transplant rate is different from what would be expected. The observed transplant rate at this program was 147.0 per 100 person-years. Transplant rates are also provided for adult and pediatric patients separately along with comparisons to adult and pediatric rates in the DSA, the OPTN region, and the nation. Transplant rates are also presented excluding transplants from a living donor (Table B4D and Figures B1D-B3D). Please refer to the PSR Technical Methods documentation available at http://www.srtr.org for more detail regarding how expected rates are calculated.

The pre-transplant mortality rate (previously called the waiting list mortality rate) for candidates on the waiting list is presented in Table B5 and Figures B4-B6. These data are presented in the same way as the transplant rate data in the previous section. The intent of this table and figures is to describe risk of death once candidates are listed rather than while they are listed, but before they are transplanted. Therefore, time at risk and deaths after removal from the waiting list for reasons other than transplant, transfer to another transplant program, or recovery (no longer needing a transplant), and before any subsequent transplant, are included. As with transplant rates, mortality rates should be interpreted carefully taking into consideration the interval displayed in Figure B5. For a complete description of how observed and expected mortality rates are calculated, please refer to the technical documentation available at http://www.srtr.org.

Survival from listing is presented in Table B6 and Figures B7-B9. These data are presented in the same way as the pre-transplant mortality rate data in the previous section. The intent of this table and figures is to describe risk of death once candidates are listed rather than while they are listed, including after a transplant. As with transplant rates, mortality rates should be interpreted carefully taking into consideration the interval displayed in Figure B8. For a complete description of how observed and expected mortality rates are calculated, please refer to the technical documentation available at http://www.srtr.org.

Table B7 presents information on what happens to candidates on the waiting list by three different time points after listing: 6 months, 12 months, and 18 months. The table displays percentages of candidates who have died, been removed from the waiting list, been transplanted, or been transferred or lost-to-follow-up. Tables B8 and B9 provide more detail regarding how many candidates have received a deceased donor transplant by certain time points during the first 3 years after being put on the transplant waiting list. Each row of Tables B8 and B9 presents the percent of candidates who received a deceased donor transplant by each time point. Table B10 presents data on the time it took for different percentages of patients to be transplanted for candidates added to the list between 07/01/2018 and 12/31/2023. The time it took for 5% (the 5th percentile) of patients to receive a transplant at this program was 0.1 months. If "Not Observed" is displayed in the table, then too few candidates received transplants before 06/30/2024 to calculate a particular percentile of transplant times.

Table B11 contains a summary of the offer acceptance practices of the program. The offer acceptance ratio indicates whether the program is more or less likely to accept offers than the average program. If the offer acceptance ratio is greater than 1.0, then the program tends to accept more offers than average; if the offer acceptance ratio is less than 1.0, then the program tends to accept fewer offers than average. Figure B10 shows the distribution of program offer acceptance rates as well as the offer acceptance rate for this program. Figures B11 - B15 similarly show offer acceptance rates for subsets

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.



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of offers.

The Transplant Information section begins with descriptions of transplant recipients in Tables C1 and C2. Data on recipients of deceased donor transplants are presented (Tables C1D and C2D); if applicable, data on recipients of living donor transplants are presented separately (Tables C1L and C2L). Comparisons to the region and the nation as a whole are provided. A description of the deceased donors used at this program is provided in Table C3D, along with characteristics of living donors in Table C3L, if applicable. Finally, information on the transplant procedure for deceased and living donor transplants is presented in Tables C4D and C4L, respectively.

Starting with Table C5, transplant outcomes are presented along with comparisons to what would be expected at this program and what happened in the nation as a whole. Tables C5-C14 (tables C5-C10 for Pancreas) present information on graft survival (survival of the transplanted organ), with data presented separately for adult and pediatric recipients. Patients are followed from the time of transplant until either failure of the transplanted organ or death, whichever comes first. Please refer to the technical methods for more information on these calculations (http://www.srtr.org).

While Tables C5-C14 present data on graft survival, Tables C15-C20 (tables C11-C20 for Pancreas) present information on patient survival. For these tables, patients are followed from the time of transplant until death, regardless of whether the transplant is functioning or the patient required another transplant to survive.

Tables C21 and C22 summarize the multiorgan transplant outcomes at this program. The summary statistics in these tables are descriptive and are not risk-adjusted for different donor and candidate characteristics.

Table D1 shows the rates of follow-up for living donors.

Additional information regarding the technical methods and the risk adjustment models used to estimate expected event rates is available on the SRTR website at http://www.srtr.org. We welcome and encourage feedback on these reports. Please feel free to share feedback with the SRTR at the following e-mail: srtr@srtr.org.



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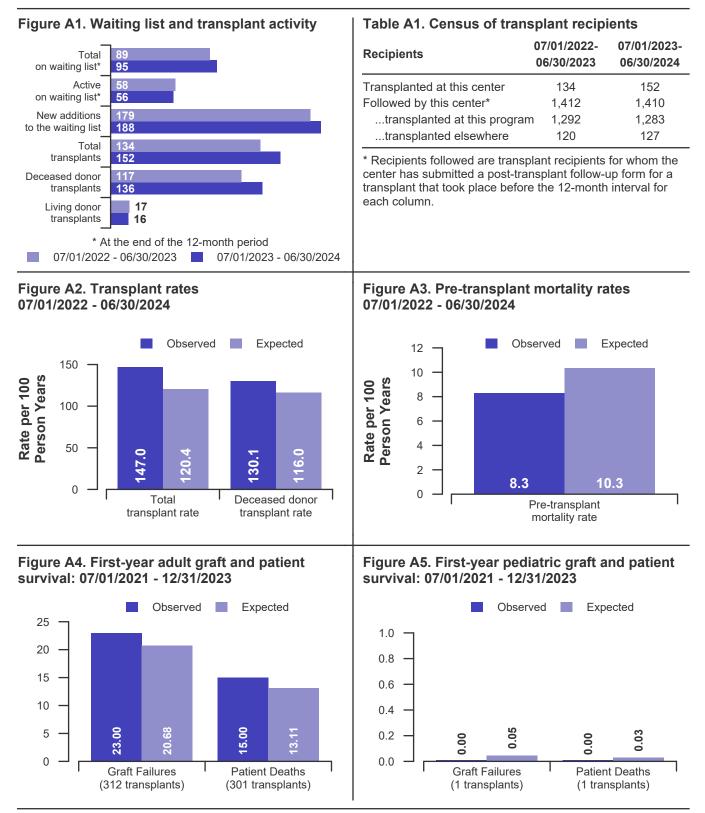
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A. Program Summary





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B. Waiting List Information

Table B1. Waiting list activity summary: 07/01/2022 - 06/30/2024

		its for center	Activity for 07/01/2023 to 06/30/2024 as percent of registrants on waiting li on 07/01/2023			
Waiting List Registrations	07/01/2022- 06/30/2023	07/01/2023- 06/30/2024	This Center (%)	OPTN Region (%)	U.S. (%)	
On waiting list at start Additions	87	89	100.0	100.0	100.0	
New listings at this center	179	188	211.2	169.9	145.7	
Removals						
Transferred to another center	1	0	0.0	0.7	1.5	
Received living donor transplant*	17	16	18.0	5.6	6.2	
Received deceased donor transplant*	117	136	152.8	118.0	101.8	
Died	4	6	6.7	10.2	9.2	
Transplanted at another center	0	0	0.0	2.0	2.9	
Deteriorated	11	9	10.1	11.4	9.1	
Recovered	15	7	7.9	12.9	10.9	
Other reasons	12	8	9.0	11.4	11.2	
On waiting list at end of period	89	95	106.7	97.6	92.8	

* These patients were removed from waiting list with removal code indicating transplant; this may not equal the number of transplants performed at this center during the specified period.



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B. Waiting List Information

Table B2. Demographic characteristics of waiting list candidatesCandidates registered on the waiting list between 07/01/2023 and 06/30/2024

Demographic Characteristic		ting List Reg 023 to 06/30/		All Waiting List Registrations on 06/30/2024 (%)			
	This Center (N=188)	OPTN Regior (N=936)	n U.S. (N=15,115)	This Center (N=95)	OPTN Region (N=538)	U.S. (N=9,633)	
All (%)	100.0	100.0	100.0	100.0	100.0	100.0	
Ethnicity/Race (%)*							
White	54.3	72.9	65.2	46.3	74.7	63.4	
African-American	1.6	4.1	6.7	2.1	2.4	7.0	
Hispanic/Latino	34.6	12.7	19.4	35.8	12.5	21.5	
Asian	1.6	1.8	4.3	0.0	2.0	5.1	
Other	7.4	4.3	2.2	15.8	5.4	1.9	
Unknown	0.5	4.3	2.3	0.0	3.0	1.2	
Age (%)							
<2 years	0.0	2.2	2.0	0.0	0.6	1.2	
2-11 years	0.0	3.2	1.6	0.0	1.5	1.5	
12-17 years	0.0	2.6	1.1	0.0	0.4	1.2	
18-34 years	10.6	7.6	7.0	7.4	7.6	6.6	
35-49 years	32.4	24.1	22.7	37.9	21.6	20.5	
50-64 years	45.7	39.2	44.2	47.4	48.3	47.3	
65-69 years	10.6	16.1	15.6	7.4	16.9	16.7	
70+ years	0.5	4.9	5.8	0.0	3.2	5.0	
Gender (%)							
Male	51.6	58.0	58.5	47.4	57.4	59.1	
Female	48.4	42.0	41.5	52.6	42.6	40.9	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



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B. Waiting List Information

Table B3. Medical characteristics of waiting list candidatesCandidates registered on the waiting list between 07/01/2023 and 06/30/2024

Medical Characteristic	07/01/2	ting List Regi 023 to 06/30/2	2024 (%)	All Waiting List Registrations on 06/30/2024 (%)			
	This Center (N=188)	OPTN Region (N=936)	U.S. (N=15,115)	This Center (N=95)	OPTN Region (N=538)	U.S. (N=9,633)	
All (%)	100.0	100.0	100.0	100.0	100.0	100.0	
Blood Type (%)							
0	55.3	45.2	47.6	57.9	45.9	50.5	
A	33.0	40.2	37.3	33.7	47.4	39.0	
В	9.6	10.9	11.5	7.4	5.8	9.0	
AB	2.1	3.7	3.6	1.1	0.9	1.6	
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	
Previous Transplant (%)							
Yes	8.5	6.1	4.5	9.5	5.2	4.0	
No	91.5	93.9	95.5	90.5	94.8	96.0	
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	
Primary Disease (%)							
Acute Hepatic Necrosis	0.0	2.0	2.3	0.0	0.0	1.3	
Non-Cholestatic Cirrhosis	22.9	25.4	31.0	32.6	39.4	45.4	
Cholestatic Liver Disease/Cirrhosis	10.1	6.7	6.4	10.5	7.8	7.3	
Biliary Atresia	0.5	2.4	1.7	0.0	0.7	1.7	
Metabolic Diseases	0.0	3.1	2.1	0.0	1.7	1.4	
Malignant Neoplasms	16.5	13.4	10.8	15.8	13.6	11.5	
Other	48.9	46.7	45.6	40.0	36.6	31.4	
Missing	1.1	0.3	0.1	1.1	0.2	0.1	
Medical Urgency Status/MELD/PEL	.D at Listing	(%)*					
Status 1A	0.0	4.7	2.4	0.0	0.0	0.2	
Status 1B	0.0	0.9	0.4	0.0	0.2	0.1	
Status 2A	0.0	0.0	0.0	0.0	0.0	0.0	
Status 2B	0.0	0.0	0.0	0.0	0.0	0.0	
Status 3	0.0	0.0	0.0	0.0	0.0	0.1	
MELD 6-10	11.2	11.0	11.7	16.8	16.0	23.5	
MELD 11-14	13.8	10.3	12.4	24.2	21.9	22.0	
MELD 15-20	28.2	23.2	22.2	33.7	33.8	29.2	
MELD 21-30	28.2	29.4	24.9	16.8	21.0	15.2	
MELD 31-40	10.1	9.8	13.7	1.1	0.4	1.1	
PELD less than or equal to 10	0.0	1.5	1.3	0.0	1.3	1.7	
PELD 11-14	0.0	0.6	0.4	0.0	0.2	0.2	
PELD 15-20	0.0	0.2	0.4	0.0	0.2	0.2	
PELD 21-30	0.0	0.5	0.3	0.0	0.0	0.1	
PELD 31 or greater	0.0	0.2	0.1	0.0	0.0	0.0	
Temporarily Inactive	5.9	5.4	5.5	7.4	5.0	6.2	

* MELD/PELD score based on laboratory measures is shown for listings beginning 2/27/2002 unless patient is Status 1 or Temporarily Inactive. MELD/PELD scores based on exception rules are not used. Status 1 separated into 1A and 1B in August 2005.

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.



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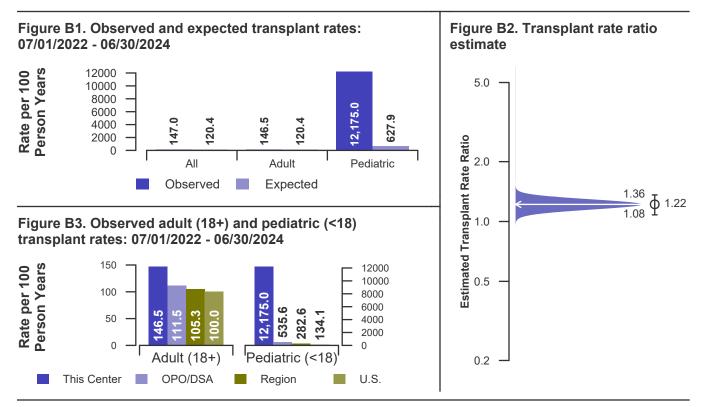
B. Waiting List Information

Table B4. Transplant rates: 07/01/2022 - 06/30/2024

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Candidates				
Count on waiting list at start*	87	162	547	11,429
Person Years**	194.5	314.4	1,120.2	21,075.0
Removals for Transplant	286	379	1,269	21,361
Adult (18+) Candidates				
Count on waiting list at start*	87	160	523	10,977
Person Years**	194.5	307.7	1,070.0	20,226.5
Removals for transpant	285	343	1,127	20,223
Pediatric (<18) Candidates				
Count on waiting list at start*	0	2	24	452
Person Years**	0.0	6.7	50.3	848.5
Removals for transplant	1	36	142	1,138

* Counts in this table may be lower than similar counts in other waiting list tables, such as Table B1. A small percentage (~1%) of patients are found to have died or been transplanted before being removed from the waiting list, so these patients are excluded if the event occurs prior to the start of the study period. Inactive time on the waiting list is included in the calculations for this table.

** Person years are calculated as days (converted to fractional years). The number of days from July 1 or from the date of first wait listing until death, transplant, removal from the waiting list or June 30.







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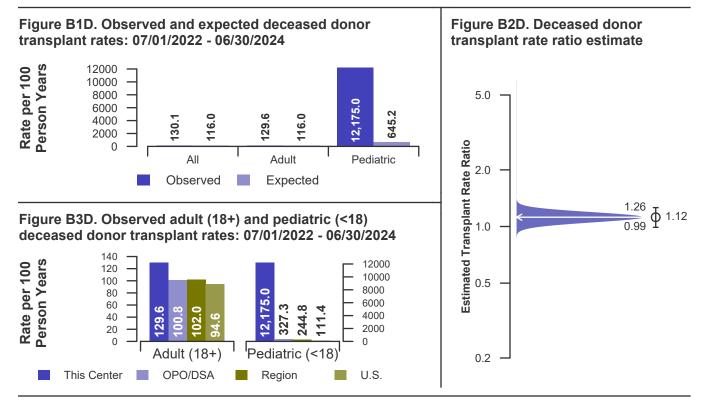
B. Waiting List Information

Table B4D	Deceased dono	r transplant rates:	07/01/2022 -	06/30/2024
		transplant rates.		

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Candidates				
Count on waiting list at start*	87	162	547	11,429
Person Years**	194.5	314.4	1,120.2	21,075.0
Removals for Transplant	253	332	1,214	20,084
Adult (18+) Candidates				
Count on waiting list at start*	87	160	523	10,977
Person Years**	194.5	307.7	1,070.0	20,226.5
Removals for transpant	252	310	1,091	19,139
Pediatric (<18) Candidates				
Count on waiting list at start*	0	2	24	452
Person Years**	0.0	6.7	50.3	848.5
Removals for transplant	1	22	123	945

* Counts in this table may be lower than similar counts in other waiting list tables, such as Table B1. A small percentage (~1%) of patients are found to have died or been transplanted before being removed from the waiting list, so these patients are excluded if the event occurs prior to the start of the study period. Inactive time on the waiting list is included in the calculations for this table.

** Person years are calculated as days (converted to fractional years). The number of days from July 1 or from the date of first wait listing until death, transplant, removal from the waiting list or June 30.







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B. Waiting List Information

Table B5. Pre-transplant mortality rates: 07/01/2022 - 06/30/2024

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Candidates				
Count on waiting list at start*	87	162	547	11,429
Person Years**	229.6	388.8	1,332.2	24,728.8
Number of deaths	19	46	176	3,014
Adult (18+) Candidates				
Count on waiting list at start*	87	160	523	10,977
Person Years**	229.6	380.8	1,274.5	23,778.9
Number of deaths	19	46	172	2,957
Pediatric (<18) Candidates				
Count on waiting list at start*	0	2	24	452
Person Years**	0.0	8.0	57.7	949.9
Number of deaths	0	0	4	57

* Counts in this table may be lower than similar counts in other waiting list tables, such as Table B1. A small percentage (~1%) of patients are found to have died or been transplanted before being removed from the waiting list, so these patients are excluded if the event occurs prior to the start of the study period. Inactive time on the waiting list is included in the calculations for this table.

** Person years are calculated as days (converted to fractional years). The number of days from July 1 or from the date of first wait listing until death, transplant, 60 days after recovery, transfer or June 30.

Figure B4. Observed and expected pre-transplant mortality Figure B5. Pre-transplant mortality rates: 07/01/2022 - 06/30/2024 rate ratio estimate Person Years Rate per 100 10 8 5.0 6 2.6 4 с. О 2 8.3 8 8 0.0 0 Estimated Mortality Rate Ratio Pediatric All Adult 2.0 Observed Expected 1.20 Figure B6. Observed adult (18+) and pediatric (<18) 1.0 pre-transplant mortality rates: 07/01/2022 - 06/30/2024 0.82 ው 14 Person Years Rate per 100 12 6 0.51 10 0.5 5 8 4 6 3 2 1 4 3.5 22 0.0 8.3 0.0 2 0 0 Adult (18+) Pediatric (<18) 0.2

U.S.

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.

Region

OPO/DSA

This Center



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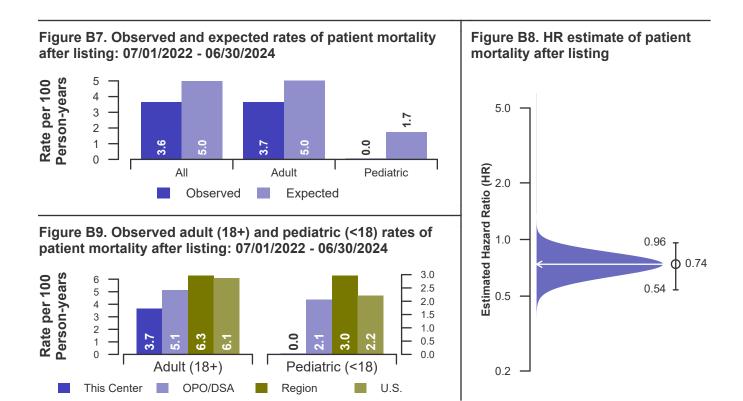
B. Waiting List Information

Table B6. Rates of patient mortality after listing: 07/01/2022 - 06/30/2024

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Patients				
Count at risk during the evaluation period	909	1,468	4,881	81,065
Person-years*	1,233.4	1,991.4	6,525.5	108,787.6
Number of Deaths	45	98	391	6,395
Adult (18+) Patients				
Count at risk during the evaluation period	907	1,358	4,480	76,664
Person-years*	1,231.4	1,846.0	5,984.0	102,787.2
Number of Deaths	45	95	375	6,262
Pediatric (<18) Patients				
Count at risk during the evaluation period	2	110	401	4,401
Person-years*	2.0	145.3	541.5	6,000.5
Number of Deaths	0	3	16	133

* Person-years are calculated as days (converted to fractional years). The number of days from 07/01/2022, or from the date of first wait listing until death, reaching 5 years after listing or June 30, 2024.

** Patient mortality after listing describes the relative survival experience of patients after listing. It depends on many factors, some of which are outside of the control of the transplant program. For example, availability of organs may not be the same in every part of the country.







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B. Waiting List Information

Table B7. Waiting list candidate status after listingCandidates registered on waiting list between 01/01/2022 and 12/31/2022

Waiting list status (survival status)		Center (N ns Since L 12	,	U.S. (N=13,611) Months Since Listing 6 12 18		
Alive on waiting list (%)	32.6	19.3	8.0	36.5	20.4	12.7
Died on the waiting list without transplant (%)	1.1	1.6	2.7	3.8	4.7	5.2
Removed without transplant (%):						
Condition worsened (status unknown)	4.3	4.8	5.9	3.6	4.9	5.7
Condition improved (status unknown)	2.1	4.8	5.9	1.4	2.6	3.7
Refused transplant (status unknown)	0.0	0.0	0.5	0.1	0.3	0.5
Other	1.6	3.7	4.8	1.6	2.9	3.9
Transplant (living donor from waiting list only) (%):						
Functioning (alive)	4.3	5.3	2.1	3.0	3.6	2.4
Failed-Retransplanted (alive)	0.5	0.5	0.5	0.1	0.1	0.1
Failed-alive not retransplanted	0.0	0.0	0.0	0.0	0.0	0.0
Died	0.0	0.0	0.0	0.0	0.1	0.1
Status Yet Unknown**	0.0	0.0	3.2	0.0	0.1	1.7
Transplant (deceased donor) (%):						
Functioning (alive)	51.3	54.5	39.6	45.7	50.7	36.6
Failed-Retransplanted (alive)	0.5	0.5	1.1	0.4	0.6	0.7
Failed-alive not retransplanted	0.0	0.0	0.0	0.0	0.0	0.0
Died	1.6	1.6	2.7	2.1	3.1	4.1
Status Yet Unknown*	0.0	3.2	23.0	1.5	5.4	22.0
Lost or Transferred (status unknown) (%)	0.0	0.0	0.0	0.2	0.5	0.6
TOTAL (%)	100.0	100.0	100.0	100.0	100.0	100.0
Total % known died on waiting list or after transplant	2.7	3.2	5.3	6.0	7.9	9.4
Total % known died or removed as unstable	7.0	8.0	11.2	9.6	12.8	15.1
Total % removed for transplant	58.3	65.8	72.2	52.8	63.7	67.7
Total % with known functioning transplant (alive)	55.6	59.9	41.7	48.6	54.3	39.0

* Follow-up form covering specified time period not yet completed, and possibly has not become due.





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B. Waiting List Information

Table B7S1. Medical urgency status 1 candidate status after listingCandidates registered on the waiting list between 01/01/2022 and 12/31/2022

Waiting list status (survival status)		s Center (I hs Since I 12	,	U.S. (N=447) Months Since listin 6 12		
Alive on waiting list (%)	0.0	0.0	0.0	2.7	1.3	0.9
Died on the waiting list without transplant (%)	0.0	0.0	0.0	6.3	6.3	6.3
Removed without transplant (%):						
Condition worsened (status unknown)	0.0	0.0	0.0	6.9	6.9	7.2
Condition improved (status unknown)	0.0	0.0	0.0	18.8	19.9	20.1
Refused transplant (status unknown)	0.0	0.0	0.0	0.4	0.4	0.4
Other	0.0	0.0	0.0	0.7	0.7	0.7
Transplant (living donor from waiting list only) (%):)					
Functioning (alive)	0.0	0.0	0.0	3.1	2.2	1.3
Failed-Retransplanted (alive)	0.0	0.0	0.0	0.0	0.0	0.0
Failed-alive not retransplanted	0.0	0.0	0.0	0.0	0.0	0.0
Died	0.0	0.0	0.0	0.2	0.4	0.4
Status Yet Unknown**	0.0	0.0	0.0	0.0	0.7	1.6
Transplant (deceased donor) (%):						
Functioning (alive)	100.0	100.0	50.0	51.7	46.8	36.7
Failed-Retransplanted (alive)	0.0	0.0	0.0	0.9	1.1	1.1
Failed-alive not retransplanted	0.0	0.0	0.0	0.4	0.2	0.0
Died	0.0	0.0	0.0	6.3	7.6	8.3
Status Yet Unknown*	0.0	0.0	50.0	1.1	4.9	14.5
Lost or Transferred (status unknown) (%)	0.0	0.0	0.0	0.4	0.4	0.4
TOTAL (%)	100.0	100.0	100.0	100.0	100.0	100.0
Total % known died on waiting list or after transplant	0.0	0.0	0.0	12.8	14.3	15.0
Total % known died or removed as unstable	0.0	0.0	0.0	19.7	21.3	22.1
Total % removed for transplant	100.0	100.0	100.0	63.8	64.0	64.0
Total % with known functioning transplant (alive)	100.0	100.0	50.0	54.8	49.0	38.0

* Follow-up form covering specified time period not yet completed, and possibly has not become due.



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B. Waiting List Information

Table B8. Percent of candidates with deceased donor transplants: demographic characteristics Candidates registered on the waiting list between 07/01/2018 and 06/30/2021

Characteristic	Percent transplanted at time periods since listing naracteristic United State					-				
	Ν			2 years	3 years	s N				3 years
All	340	32.6	69.4	74.1	75.9	38,667	26.3	54.4	59.9	61.6
Ethnicity/Race*										
White	200	35.0	75.0	78.0	80.5	26,504	26.7	55.0	60.2	61.9
African-American	8	50.0	87.5	87.5	87.5	2,982	29.3	57.6	62.9	64.7
Hispanic/Latino	97	24.7	61.9	70.1	70.1	6,761	23.8	51.2	57.5	59.3
Asian	9	11.1	44.4	66.7	66.7	1,744	24.2	50.4	58.5	61.1
Other	26	46.2	57.7	57.7	61.5	676	29.7	55.0	60.1	62.0
Unknown	0					0				
Age										
<2 years	0					779	23.9	73.2	75.4	76.5
2-11 years	0					572	24.7	67.7	72.4	74.1
12-17 years	0					443	20.8	58.2	63.7	64.6
18-34 years	29	62.1	82.8	86.2	86.2	2,452	38.4	58.0	61.9	63.1
35-49 years	90	36.7	74.4	76.7	78.9	7,334	37.9	59.6	63.7	65.1
50-64 years	186	30.1	66.7	72.6	74.2	18,588	24.4	53.3	59.2	61.2
65-69 years	35	11.4	60.0	65.7	68.6	6,459	17.5	48.3	55.5	57.4
70+ years	0					2,040	18.1	48.2	54.1	55.1
Gender										
Male	223	34.1	71.3	75.3	76.7	24,003	26.2	55.5	61.1	62.9
Female	117	29.9	65.8	71.8	74.4	14,664	26.5	52.5	58.0	59.6

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



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B. Waiting List Information

 Table B9. Percent of candidates with deceased donor transplants: medical characteristics

 Candidates registered on the waiting list between 07/01/2018 and 06/30/2021

Characteristic	Percent transplanted at time periods since listing This Center United States									
	Ν	30 day	1 year	2 years	3 years	N	30 day	1 year	2 years	3 years
All	340	32.6	69.4	74.1	75.9	38,667	26.3	54.4	59.9	61.6
Blood Type						,				
0	171	26.9	62.0	67.8	69.6	18,056	24.9	52.0	57.6	59.6
A	122	43.4	76.2	80.3	82.0	14,329	25.6	52.5	58.4	60.2
В	34	23.5	79.4	82.4	85.3	4,735	29.6	62.4	67.3	68.8
AB	13	30.8	76.9	76.9	76.9	1,547	39.5	74.2	76.8	77.4
Previous Transplant										
Yes	27	44.4	74.1	74.1	77.8	1,865	32.7	55.4	59.1	60.2
No	313	31.6	69.0	74.1	75.7	36,802	26.0	54.3	59.9	61.7
Primary Disease										
Acute Hepatic Necrosis	14	64.3	78.6	78.6	78.6	1,916	58.4	66.8	68.2	68.6
Non-Cholestatic Cirrhosis	218	34.9	67.9	73.9	75.7	25,612	27.9	54.2	59.1	60.8
Cholestatic Liver	34	35.3	82.4	82.4	85.3	2,538	21.2	51.7	59.7	61.6
Disease/Cirrhosis	54	00.0								
Biliary Atresia	1	0.0	0.0	100.0	100.0	668	15.7	66.8	71.3	72.6
Metabolic Diseases	6	50.0	83.3	83.3	83.3	827	27.8	69.6	74.2	75.7
Malignant Neoplasms	62	12.9	64.5	67.7	69.4	4,744	8.2	47.3	56.5	58.9
Other	5	60.0	80.0	80.0	80.0	2,346	27.2	54.6	60.4	62.8
Missing	0					16	37.5	37.5	43.8	43.8
Medical Urgency Status/MELD/		at Listin	g*							
Status 1	0					0				
Status 1A	9	88.9	88.9	88.9	88.9	1,183	62.2	62.3	62.5	62.6
Status 1B	0					137	50.4	82.5	82.5	82.5
Status 2A	0					0				
Status 2B	0					0				
Status 3	0					0				
MELD 6-10	20	0.0	55.0	55.0	60.0	6,657	2.6	36.1	46.4	49.5
MELD 11-14	35	5.7	54.3	60.0	65.7	4,856	3.5	34.5	44.1	47.3
MELD 15-20	96	13.5	58.3	70.8	72.9	8,019	11.0	47.0	54.0	56.2
MELD 21-30	109	42.2	79.8	81.7	82.6	9,126	34.5	65.7	68.7	69.6
MELD 31-40	40	75.0	80.0	80.0	80.0	4,694	76.8	83.0	83.1	83.1
PELD less than or equal to 10	0					598	11.0	72.7	78.3	80.8
PELD 11-14	0					96	18.8	78.1	81.2	83.3
PELD 15-20	0					149	23.5	74.5	75.8	75.8
PELD 21-30	0					111	20.7	75.7	77.5	77.5
PELD 31 or greater	0					48	45.8	70.8	70.8	70.8
Temporarily Inactive	31	38.7	74.2	74.2	74.2	2,993	41.3	56.8	60.0	61.1

* MELD/PELD score based on laboratory measures is shown for listings beginning 2/27/2002 unless patient is Status 1 or Temporarily Inactive. MELD/PELD scores based on exception rules are not used. Status 1 separated into 1A and 1B in August 2005.



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B. Waiting List Information

Table B10. Time to transplant for waiting list candidates*Candidates registered on the waiting list between 07/01/2018 and 12/31/2023

	Months to Transplant**					
Percentile	Center	OPO/DSA	Region	U.S.		
5th	0.1	0.1	0.1	0.1		
10th	0.1	0.2	0.2	0.2		
25th	0.5	0.7	0.6	0.6		
50th (median time to transplant)	2.8	5.0	4.4	6.0		
75th	15.7	Not Observed	Not Observed	Not Observed		

* If cells contain "Not Observed" fewer than that percentile of patients had received a transplant. For example, the 50th percentile of time to transplant is the time when 50% of candidates have received transplants. If waiting times are long, then the 50th percentile may not be observed during the follow-up period for this table. Also, if more than 50% of candidates are removed from the list due to death or other reasons before receiving transplants, then the 50th percentile of time to transplant will not be observed.

** Censored on 06/30/2024. Calculated as the months after listing, during which the corresponding percent of all patients initially listed had received a transplant.



REGISTRY º⁵ TRANSPLANT RECIPIENTS

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B. Waiting List Information

Table B11. Offer Acceptance Practices: 07/01/2023 - 06/30/2024

Offers Acceptance Characteristics	This Center	OPO/DSA	Region	U.S.
Overall				
Number of Offers	2,605	4,001	22,871	407,779
Number of Acceptances	125	167	581	9,376
Expected Acceptances	67.0	133.3	654.5	9,376.0
Offer Acceptance Ratio*	1.84	1.25	0.89	1.00
95% Credible Interval**	[1.53, 2.17]			
PHS increased infectious risk				
Number of Offers	501	785	3,146	52,566
Number of Acceptances	25	26	75	1,625
Expected Acceptances	18.4	32.0	112.0	1,629.8
Offer Acceptance Ratio*	1.32	0.82	0.68	1.00
95% Credible Interval**	[0.87, 1.87]			
DCD donor				
Number of Offers	1,812	1,848	10,173	189,824
Number of Acceptances	71	74	138	2,179
Expected Acceptances	31.8	37.7	183.8	2,181.3
Offer Acceptance Ratio*	2.16	1.92	0.75	1.00
95% Credible Interval**	[1.69, 2.68]			
HCV+ donor				
Number of Offers	129	150	891	10,713
Number of Acceptances	4	4	17	330
Expected Acceptances	2.6	3.4	22.6	332.2
Offer Acceptance Ratio*	1.31	1.11	0.77	0.99
95% Credible Interval**	[0.48, 2.55]			
Hard-to-Place Livers (Over 50 Offers)				
Number of Offers	1,707	2,231	14,092	274,436
Number of Acceptances	11	11	48	1,438
Expected Acceptances	7.5	11.8	93.7	1,602.9
Offer Acceptance Ratio*	1.37	0.94	0.52	0.90
95% Credible Interval**	[0.73, 2.21]			
Donor more than 500 miles away				
Number of Offers	1,648	2,401	8,952	135,912
Number of Acceptances	14	20	76	1,170
Expected Acceptances	10.7	28.9	99.1	1,126.7
Offer Acceptance Ratio*	1.26	0.71	0.77	1.04
95% Credible Interval**	[0.72, 1.95]			

* The offer acceptance ratio estimates the relative offer acceptance practice of University of Colorado Hospital/Health Science Center compared to the national offer acceptance practice. A ratio above one indicates the program accepts more offers compared to national offer acceptance practices (e.g., an offer acceptance ratio of 1.25 indicates a center accepts 25% more offers than is expected based on national offer acceptance practices), while a ratio below one indicates the program accepts fewer offers compared to national offer acceptance practices (e.g., an offer acceptance ratio of 0.75 indicates a center accepts 25% fewer offers than is expected based on national offer acceptance practices).

** As an example, the 95% Credible Interval for the overall offer acceptance ratio, [1.53, 2.17], indicates the location of COUC's true offer acceptance ratio with 95% probability. The best estimate is 84% more likely to accept an offer compared to national acceptance behavior, but COUC's performance could plausibly range from 53% higher acceptance up to 117% higher acceptance.



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B. Waiting List Information

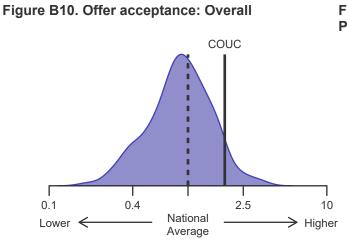


Figure B12. Offer acceptance: DCD Donor

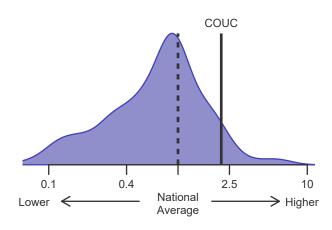
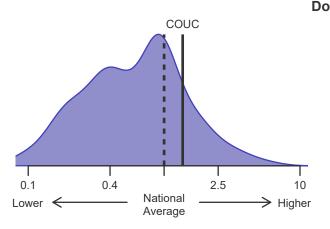


Figure B14. Offer acceptance: Offer number > 50 Figure B15. Offer acceptance:



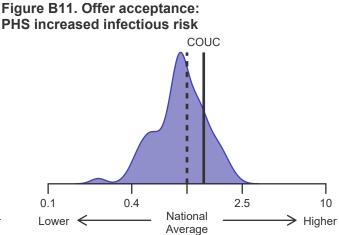
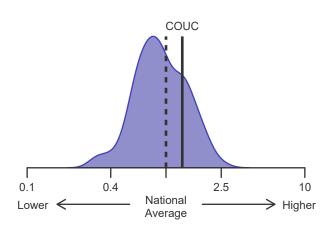
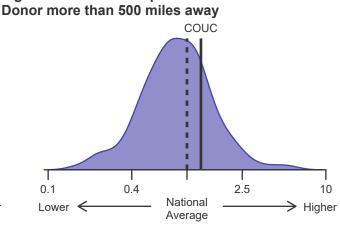


Figure B13. Offer acceptance: HCV+ Donor







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C. Transplant Information

Table C1D. Deceased donor transplant recipient demographic characteristics Patients transplanted between 07/01/2023 and 06/30/2024

	Percentage in each category			
Characteristic	Center (N=136)	Region (N=650)	U.S. (N=10,566)	
Ethnicity/Race (%)*				
White	57.4	73.5	66.6	
African-American	1.5	5.1	6.9	
Hispanic/Latino	32.4	12.6	18.2	
Asian	0.7	1.5	4.2	
Other	7.4	4.3	2.4	
Unknown	0.7	2.9	1.7	
Age (%)				
<2 years	0.0	2.9	1.6	
2-11 years	0.0	4.5	1.8	
12-17	0.0	3.1	1.1	
18-34	7.4	6.6	6.9	
35-49 years	27.9	22.2	22.8	
50-64 years	51.5	38.8	44.5	
65-69 years	12.5	15.5	14.6	
70+ years	0.7	6.5	6.7	
Gender (%)				
Male	55.1	59.7	59.6	
Female	44.9	40.3	40.4	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



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C. Transplant Information

Table C1L. Living donor transplant recipient demographic characteristics Patients transplanted between 07/01/2023 and 06/30/2024

	Percentage in each category			
Characteristic	Center (N=16)	Region (N=31)	U.S. (N=642)	
Ethnicity/Race (%)*				
White	43.8	41.9	71.3	
African-American	0.0	3.2	5.6	
Hispanic/Latino	43.8	38.7	16.8	
Asian	12.5	9.7	3.7	
Other	0.0	6.5	1.1	
Unknown	0.0	0.0	1.4	
Age (%)				
<2 years	0.0	16.1	10.3	
2-11 years	0.0	22.6	5.8	
12-17	0.0	3.2	0.9	
18-34	18.8	9.7	9.5	
35-49 years	25.0	12.9	19.0	
50-64 years	50.0	29.0	34.6	
65-69 years	6.2	3.2	15.4	
70+ years	0.0	3.2	4.5	
Gender (%)				
Male	25.0	29.0	48.1	
Female	75.0	71.0	51.9	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



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C. Transplant Information

Table C2D. Deceased donor transplant recipient medical characteristics Patients transplanted between 07/01/2023 and 06/30/2024

	Percentage in each category			
Characteristic	Center (N=136)	Region (N=650)	U.S. (N=10,566)	
Blood Type (%)				
0	56.6	44.9	46.6	
A	31.6	38.5	36.4	
В	10.3	12.2	12.6	
AB	1.5	4.5	4.4	
Previous Transplant (%)				
Yes	5.9	6.5	4.3	
No	94.1	93.5	95.7	
Body Mass Index (%)	• • • • •	0010		
0-20	5.9	14.2	9.8	
21-25	33.8	26.9	25.8	
26-30	37.5	31.5	30.4	
31-35	14.7	16.6	19.5	
36-40	3.7	6.3	8.6	
	•••			
41+	4.4	4.2	4.4	
Unknown	0.0	0.3	1.4	
Primary Disease (%)				
Acute Hepatic Necrosis	0.7	2.2	2.0	
Non-Cholestatic Cirrhosis	28.7	23.5	31.9	
Cholestatic Liver Disease/Cirrhosis	11.0	7.5	6.8	
Biliary Atresia	0.0	3.7	1.7	
Metabolic Diseases	0.0	3.4	2.4	
Malignant Neoplasms	13.2	14.9	11.1	
Other	46.3	44.8	44.1	
Missing	0.0	0.0	0.0	
Medical Urgency Statust/MELD/PELD at Transplant (%)*				
Status 1A	0.0	4.3	2.6	
Status 1B	0.0	1.8	1.2	
MELD 6-10	3.7	10.0	8.5	
MELD 11-14	6.6	6.3	8.1	
MELD 15-20	27.2	17.5	18.7	
MELD 21-30	45.6	34.5	30.5	
MELD 21-30 MELD 31-40	13.2	17.8	21.8	
			0.9	
PELD less than or equal to 10	0.0	1.7		
PELD 11-14	0.0	1.2	0.4	
PELD 15-20	0.0	1.1	0.3	
PELD 21-30	0.0	0.3	0.3	
PELD 31 or greater	0.0	0.2	0.1	
Temporarily Inactive	0.0	0.0	0.0	
Recipient Medical Condition at Transplant (%)				
Not Hospitalized	75.7	68.0	58.8	
Hospitalized	12.5	22.0	24.6	
ICU	11.8	10.0	16.6	
Unknown	0.0	0.0	0.0	

* MELD/PELD score based on laboratory measures at the time of transplant is shown unless recipient is Status 1 or Temporarily Inactive. MELD/PELD scores based on exception rules are not used. Status 1 separated into 1A and 1B in August 2005

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.





REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
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C. Transplant Information

Table C2L. Living donor transplant recipient medical characteristics Patients transplanted between 07/01/2023 and 06/30/2024

	Percentage in each category			
Characteristic	Center (N=16)	Region (N=31)	Ú.S. (N=642)	
Blood Type (%)				
0	56.2	45.2	45.0	
A	31.2	32.3	41.7	
В	6.2	16.1	10.4	
AB	6.2	6.5	2.8	
Previous Transplant (%)				
Yes	0.0	0.0	1.1	
No	100.0	100.0	98.9	
Body Mass Index (%)				
0-20	12.5	48.4	22.7	
21-25	50.0	25.8	28.8	
26-30	25.0	16.1	29.8	
31-35	12.5	9.7	11.4	
36-40	0.0	0.0	5.1	
41+	0.0	0.0	1.4	
Unknown	0.0	0.0	0.8	
Primary Disease (%)	0.0	0.0	0.0	
Acute Hepatic Necrosis	0.0	0.0	0.5	
Non-Cholestatic Cirrhosis	25.0	16.1	33.5	
		25.8		
Cholestatic Liver Disease/Cirrhosis	31.2		17.4	
Biliary Atresia	6.2	25.8	10.3	
Metabolic Diseases	0.0	0.0	2.8	
Malignant Neoplasms	0.0	6.5	10.0	
Other	31.2	22.6	25.4	
Missing	6.2	3.2	0.2	
Medical Urgency Statust/MELD/PELD at Transplant (%)*				
Status 1A	0.0	0.0	0.5	
Status 1B	0.0	3.2	1.7	
MELD 6-10	31.2	16.1	21.2	
MELD 11-14	12.5	9.7	21.2	
MELD 15-20	37.5	25.8	27.1	
MELD 21-30	12.5	6.5	11.2	
MELD 31-40	0.0	0.0	1.2	
PELD less than or equal to 10	0.0	12.9	6.4	
PELD 11-14	0.0	3.2	2.0	
PELD 15-20	0.0	3.2	2.8	
PELD 21-30	0.0	6.5	1.4	
PELD 31 or greater	0.0	3.2	0.9	
Temporarily Inactive	6.2	9.7	2.3	
Recipient Medical Condition at Transplant (%)		•		
Not Hospitalized	100.0	74.2	85.7	
Hospitalized	0.0	22.6	10.0	
	0.0	3.2	4.4	
ICU				

* MELD/PELD score based on laboratory measures at the time of transplant is shown unless recipient is Status 1 or Temporarily Inactive. MELD/PELD scores based on exception rules are not used. Status 1 separated into 1A and 1B in August 2005

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.



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C. Transplant Information

Table C3D. Deceased donor characteristicsTransplants performed between 07/01/2023 and 06/30/2024

	Percentage in each category			
Donor Characteristic	Center (N=136)	Region (N=650)	U.S. (N=10,566)	
Cause of Death (%)				
Deceased: Stroke	25.7	24.6	26.2	
Deceased: MVA	11.0	12.3	11.0	
Deceased: Other	63.2	63.1	62.7	
Ethnicity/Race (%)*				
White	69.9	68.9	61.8	
African-American	9.6	17.5	18.3	
Hispanic/Latino	16.9	10.0	15.0	
Asian	1.5	1.7	3.0	
Other	2.2	1.2	1.2	
Not Reported	0.0	0.6	0.6	
Age (%)				
<2 years	0.0	1.5	0.6	
2-11 years	0.0	4.2	1.9	
12-17	2.2	6.2	3.9	
18-34	23.5	24.0	25.3	
35-49 years	30.1	26.8	28.9	
50-64 years	35.3	25.5	29.5	
65-69 years	8.1	6.3	5.6	
70+ years	0.7	5.5	4.4	
Gender (%)				
Male	65.4	62.8	61.3	
Female	34.6	37.2	38.7	
Blood Type (%)				
0	53.7	48.5	50.3	
A	35.3	37.8	36.3	
В	10.3	10.5	11.2	
AB	0.7	3.2	2.3	
Unknown	0.0	0.0	0.0	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.





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Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025 Based on Data Available: October 31, 2024 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C3L. Living donor characteristics Transplants performed between 07/01/2023 and 06/30/2024

	Percentage in each category			
Donor Characteristic	Center (N=16)	Region (N=31)	U.S. (N=642)	
Ethnicity/Race (%)*				
White	56.2	61.3	76.0	
African-American	6.2	3.2	3.3	
Hispanic/Latino	18.8	12.9	14.3	
Asian	12.5	12.9	3.3	
Other	6.2	9.7	1.7	
Not Reported	0.0	0.0	1.4	
Age (%)				
0-11 years	0.0	3.2	0.5	
12-17	0.0	0.0	0.0	
18-34	12.5	25.8	39.9	
35-49 years	81.2	61.3	44.9	
50-64 years	6.2	9.7	14.6	
65-69 years	0.0	0.0	0.2	
70+ years	0.0	0.0	0.0	
Gender (%)				
Male	50.0	35.5	43.6	
Female	50.0	64.5	56.4	
Blood Type (%)				
0	75.0	71.0	65.9	
A	18.8	16.1	26.6	
В	6.2	12.9	6.7	
AB	0.0	0.0	0.8	
Unknown	0.0	0.0	0.0	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



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C. Transplant Information

Table C4D. Deceased donor transplant characteristicsTransplants performed between 07/01/2023 and 06/30/2024

	Percentage in each category			
Transplant Characteristic	Center (N=136)	Region (N=650)	U.S. (N=10,566)	
Cold Ischemic Time (Hours): Local (%)				
Deceased: 0-5 hr	81.7	63.3	48.2	
Deceased: 6-10 hr	14.4	20.8	24.2	
Deceased: 11-15 hr	1.0	7.1	11.9	
Deceased: 16-20 hr	1.0	7.1	10.0	
Deceased: 21+ hr	1.9	1.6	5.0	
Not Reported	0.0	0.0	0.7	
Cold Ischemic Time (Hours): Shared (%)				
Deceased: 0-5 hr	50.0	36.8	29.9	
Deceased: 6-10 hr	15.6	44.7	39.3	
Deceased: 11-15 hr	6.2	7.6	12.1	
Deceased: 16-20 hr	12.5	7.9	11.4	
Deceased: 21+ hr	15.6	2.6	6.4	
Not Reported	0.0	0.3	0.8	
Procedure Type (%)				
Single organ	94.9	90.5	91.0	
Multi organ	5.1	9.5	9.0	
Donor Location (%)				
Local Donation Service Area (DSA)	76.5	47.4	36.2	
Another Donation Service Area (DSA)	23.5	52.6	63.8	
Median Time in Hospital After Transplant	8.0 Days	10.0 Days	10.0 Days	



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C. Transplant Information

Table C4L. Living donor transplant characteristicsTransplants performed between 07/01/2023 and 06/30/2024

	Percentage in each category			
Transplant Characteristic	Center (N=16)	Region (N=31)	U.S. (N=642)	
Relation with Donor (%)				
Related	6.2	19.4	45.8	
Unrelated	93.8	80.6	54.0	
Not Reported	0.0	0.0	0.2	
Procedure Type (%)				
Single organ	100.0	100.0	99.8	
Multi organ	0.0	0.0	0.2	
Median Time in Hospital After Transplant	11.0 Days	13.0 Days	10.0 Days	



REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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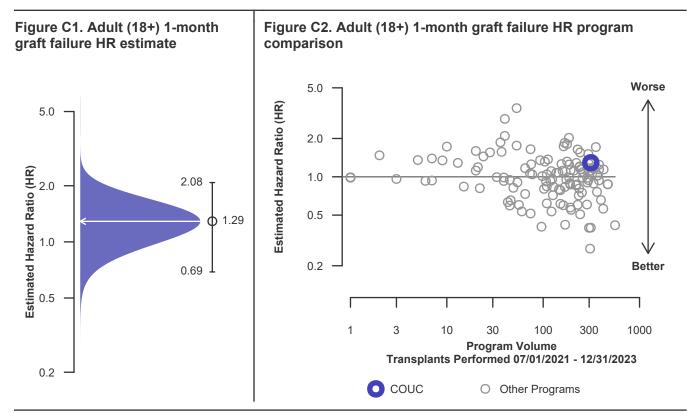
C. Transplant Information

Table C5. Adult (18+) 1-month survival with a functioning graftSingle organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	312	21,168
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	96.47% [94.45%-98.54%]	97.12% [96.89%-97.34%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	97.42%	
Number of observed graft failures (including deaths) during the first month after transplant	11	610
Number of expected graft failures (including deaths) during the first month after transplant	8.09	
Estimated hazard ratio*	1.29	
95% credible interval for the hazard ratio**	[0.69, 2.08]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.69, 2.08], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 29% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 31% reduced risk up to 108% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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C. Transplant Information

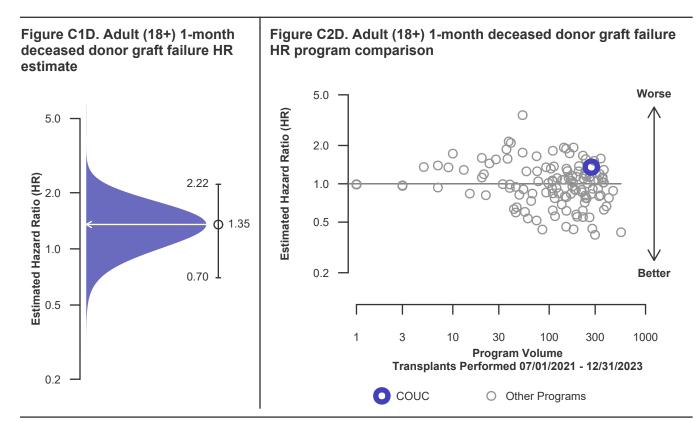
RECIPIENTS

Table C5D. Adult (18+) 1-month survival with a functioning deceased donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	274	19,827
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	96.35% [94.16%-98.60%]	97.14% [96.91%-97.37%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	97.51%	
Number of observed graft failures (including deaths) during the first month after transplant	10	567
Number of expected graft failures (including deaths) during the first month after transplant	6.88	
Estimated hazard ratio*	1.35	
95% credible interval for the hazard ratio**	[0.70, 2.22]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.70, 2.22], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 35% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 30% reduced risk up to 122% increased risk.





REGISTRY <u>야</u> Center Code: COUC Transplant Program (Organ): Liver TRANSPLANT

Release Date: January 7, 2025

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C. Transplant Information

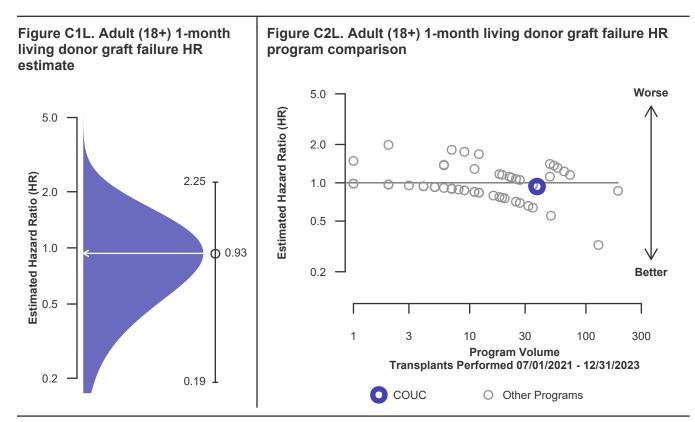
RECIPIENTS

Table C5L. Adult (18+) 1-month survival with a functioning living donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	38	1,341
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	97.37% [92.41%-100.00%]	96.79% [95.86%-97.74%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	96.80%	
Number of observed graft failures (including deaths) during the first month after transplant	1	43
Number of expected graft failures (including deaths) during the first month after transplant	1.21	
Estimated hazard ratio*	0.93	
95% credible interval for the hazard ratio**	[0.19, 2.25]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.19, 2.25], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 7% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 81% reduced risk up to 125% increased risk.





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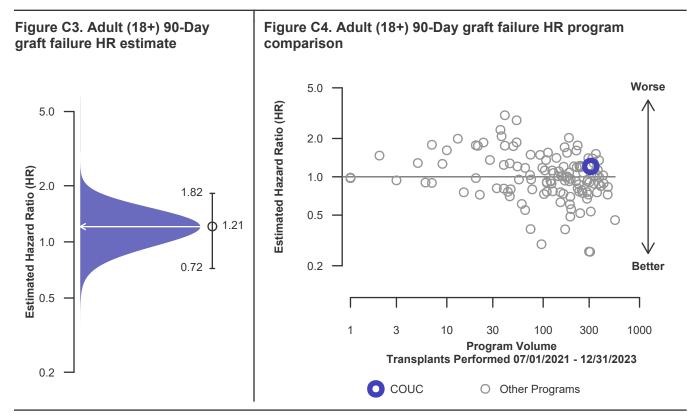
C. Transplant Information

Table C6. Adult (18+) 90-Day survival with a functioning graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	312	21,168
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	94.87% [92.46%-97.35%]	95.39% [95.11%-95.68%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	95.89%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	16	975
Number of expected graft failures (including deaths) during the first 90 days after transplant	12.92	
Estimated hazard ratio*	1.21	
95% credible interval for the hazard ratio**	[0.72, 1.82]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.72, 1.82], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 21% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 28% reduced risk up to 82% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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C. Transplant Information

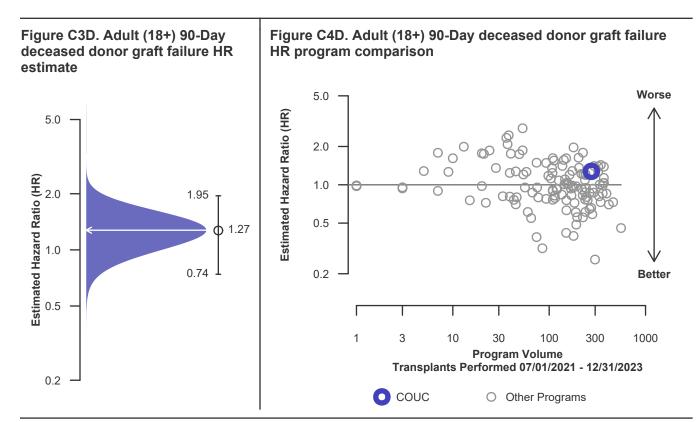
RECIPIENTS

Table C6D. Adult (18+) 90-Day survival with a functioning deceased donor graftSingle organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	274	19,827
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	94.53% [91.87%-97.26%]	95.36% [95.07%-95.66%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	95.89%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	15	919
Number of expected graft failures (including deaths) during the first 90 days after transplant	11.33	
Estimated hazard ratio*	1.27	
95% credible interval for the hazard ratio**	[0.74, 1.95]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.74, 1.95], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 27% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 26% reduced risk up to 95% increased risk.





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C. Transplant Information

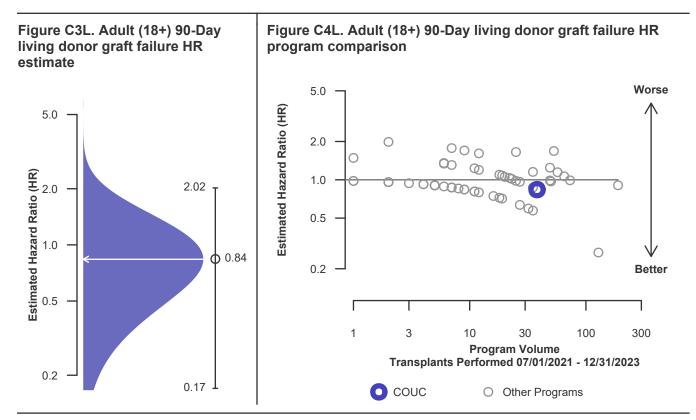
RECIPIENTS

Table C6L. Adult (18+) 90-Day survival with a functioning living donor graftSingle organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	38	1,341
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	97.37% [92.41%-100.00%]	95.82% [94.76%-96.90%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	95.83%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	1	56
Number of expected graft failures (including deaths) during the first 90 days after transplant	1.58	
Estimated hazard ratio*	0.84	
95% credible interval for the hazard ratio**	[0.17, 2.02]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.17, 2.02], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 16% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 83% reduced risk up to 102% increased risk.





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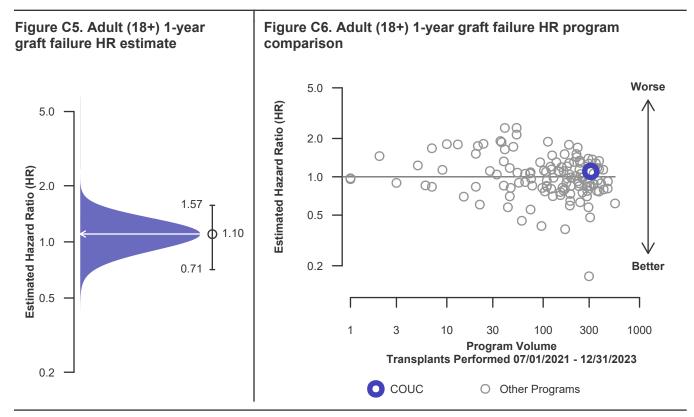
C. Transplant Information

Table C7. Adult (18+) 1-year survival with a functioning graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	312	21,168
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	92.34% [89.36%-95.42%]	92.24% [91.87%-92.62%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	93.10%	
Number of observed graft failures (including deaths) during the first year after transplant	23	1,560
Number of expected graft failures (including deaths) during the first year after transplant	20.68	
Estimated hazard ratio*	1.10	
95% credible interval for the hazard ratio**	[0.71, 1.57]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.71, 1.57], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 10% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 29% reduced risk up to 57% increased risk.





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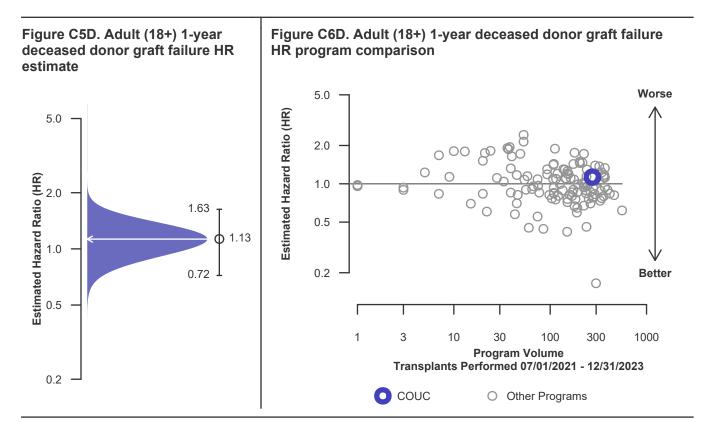
C. Transplant Information

Table C7D. Adult (18+) 1-year survival with a functioning deceased donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	274	19,827
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	92.01% [88.77%-95.37%]	92.14% [91.75%-92.53%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	93.01%	
Number of observed graft failures (including deaths) during the first year after transplant	21	1,479
Number of expected graft failures (including deaths) during the first year after transplant	18.39	
Estimated hazard ratio*	1.13	
95% credible interval for the hazard ratio**	[0.72, 1.63]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.72, 1.63], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 13% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 28% reduced risk up to 63% increased risk.





Center Code: COUC REGISTRY <u>야</u> TRANSPLANT

Transplant Program (Organ): Liver Release Date: January 7, 2025

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C. Transplant Information

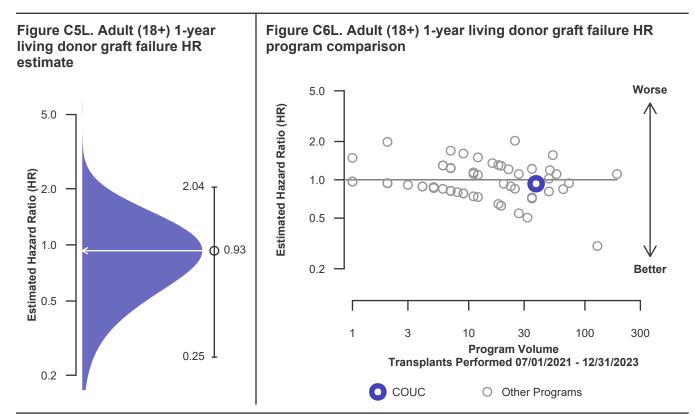
RECIPIENTS

Table C7L. Adult (18+) 1-year survival with a functioning living donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	38	1,341
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	94.74% [87.90%-100.00%]	93.76% [92.45%-95.09%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	93.76%	
Number of observed graft failures (including deaths) during the first year after transplant	2	81
Number of expected graft failures (including deaths) during the first year after transplant	2.30	
Estimated hazard ratio*	0.93	
95% credible interval for the hazard ratio**	[0.25, 2.04]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.25, 2.04], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 7% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 75% reduced risk up to 104% increased risk.





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Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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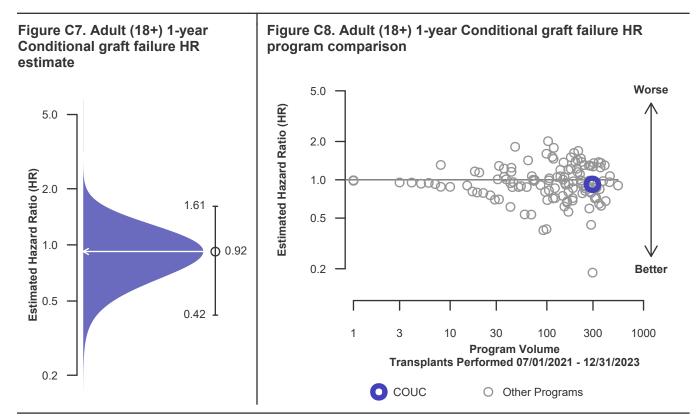
C. Transplant Information

Table C8. Adult (18+) 1-year Conditional survival with a functioning graftSingle organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	296	20,193
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [9 [95% CI] [9] [9] (unadjusted for patient and donor characteristics)	97.33% 96.66%-98.01%]	96.70% [96.59%-96.80%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	97.09%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	7	585
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	7.77	
Estimated hazard ratio*	0.92	
95% credible interval for the hazard ratio**	[0.42, 1.61]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.42, 1.61], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 8% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 58% reduced risk up to 61% increased risk.







Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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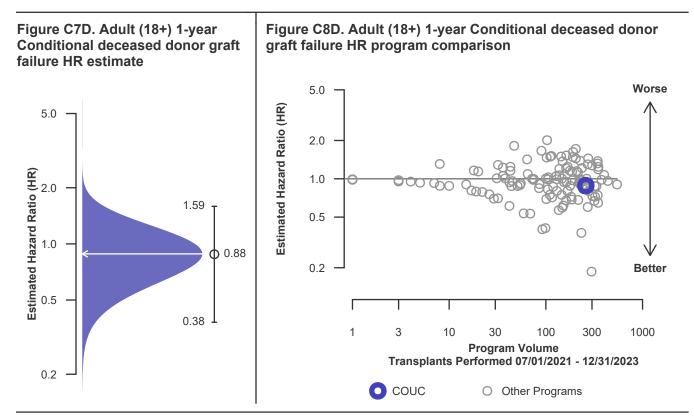
C. Transplant Information

Table C8D. Adult (18+) 1-year Conditional survival with a functioning deceased donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	259	18,908
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [(unadjusted for patient and donor characteristics)	s 97.34% 96.62%-98.06%]	96.62% [96.51%-96.73%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	96.99%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	6	560
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	7.05	
Estimated hazard ratio*	0.88	
95% credible interval for the hazard ratio**	[0.38, 1.59]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.38, 1.59], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 12% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 62% reduced risk up to 59% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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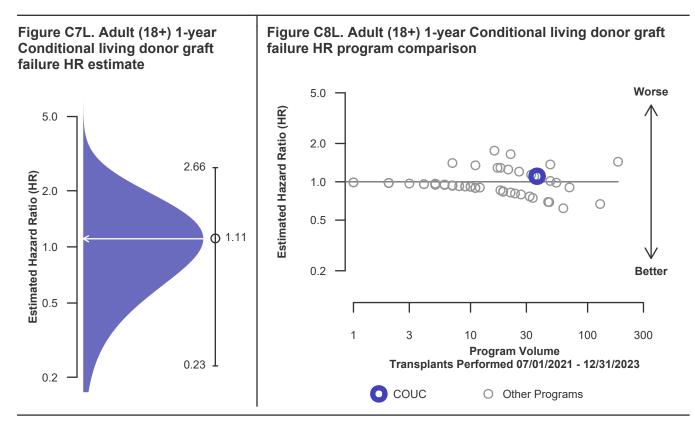
C. Transplant Information

Table C8L. Adult (18+) 1-year Conditional survival with a functioning living donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	37	1,285
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [9 (unadjusted for patient and donor characteristics)	s 97.30% 95.12%-100.00%]	97.85% [97.56%-98.13%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	97.85%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	1	25
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.71	
Estimated hazard ratio*	1.11	
95% credible interval for the hazard ratio**	[0.23, 2.66]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.23, 2.66], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 11% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 77% reduced risk up to 166% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver TRANSPLANT

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C. Transplant Information

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Table C9. Adult (18+) 3-year survival with a functioning graft

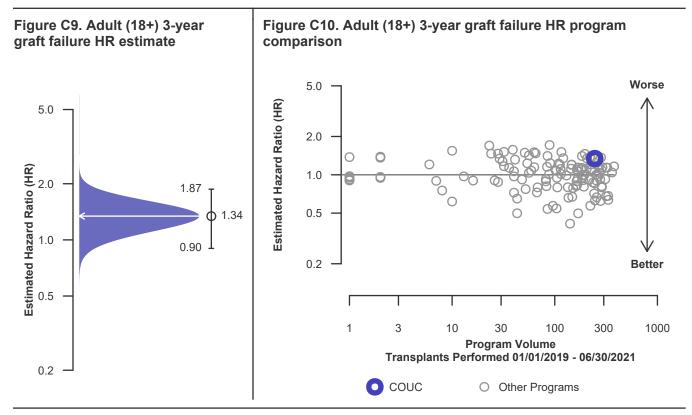
Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	COUC	U.S.
Number of transplants evaluated	245	17,361
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	85.77% [80.47%-91.42%]	86.01% [85.36%-86.67%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	87.94%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	27	1,701
Number of expected graft failures (including deaths) during the first 3 years after transplant	19.62	
Estimated hazard ratio*	1.34	
95% credible interval for the hazard ratio**	[0.90, 1.87]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.90, 1.87], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 34% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 10% reduced risk up to 87% increased risk.





REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
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C. Transplant Information

Table C9D. Adult (18+) 3-year survival with a functioning deceased donor graft

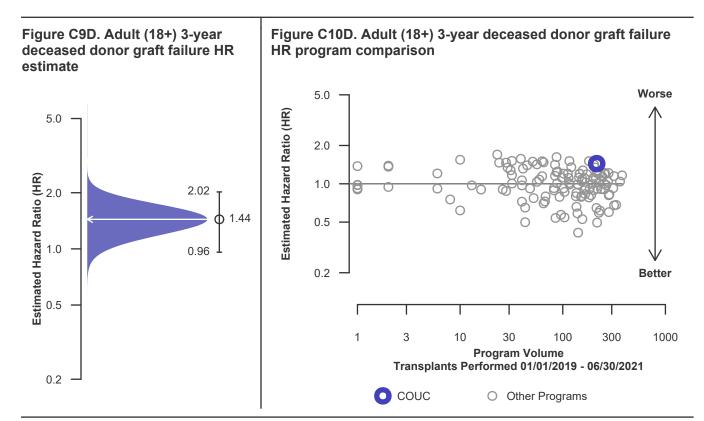
Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	COUC	U.S.
Number of transplants evaluated	214	16,325
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	84.47% [78.70%-90.65%]	85.90% [85.22%-86.58%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	87.84%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	26	1,611
Number of expected graft failures (including deaths) during the first 3 years after transplant	17.44	
Estimated hazard ratio*	1.44	
95% credible interval for the hazard ratio**	[0.96, 2.02]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.96, 2.02], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 44% higher risk of graft failure compared to an average program, but COUC's performance could plausibly range from 4% reduced risk up to 102% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver TRANSPLANT

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C. Transplant Information

Table C9L. Adult (18+) 3-year survival with a functioning living donor graft

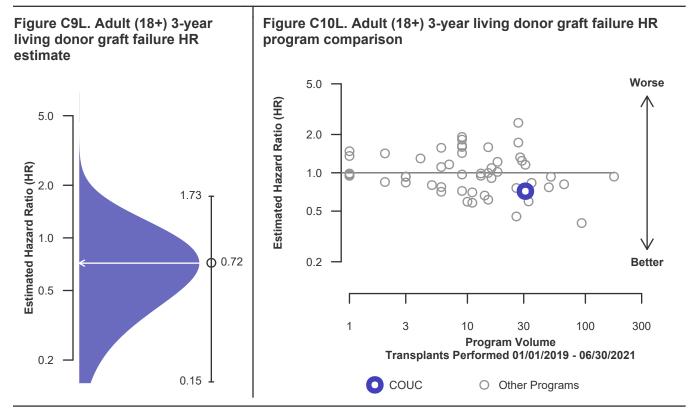
Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	COUC	U.S.
Number of transplants evaluated	31	1,036
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	96.77% [90.75%-100.00%]	87.78% [85.32%-90.31%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	88.60%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	1	90
Number of expected graft failures (including deaths) during the first 3 years after transplant	2.19	
Estimated hazard ratio*	0.72	
95% credible interval for the hazard ratio**	[0.15, 1.73]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.15, 1.73], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 28% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 85% reduced risk up to 73% increased risk.





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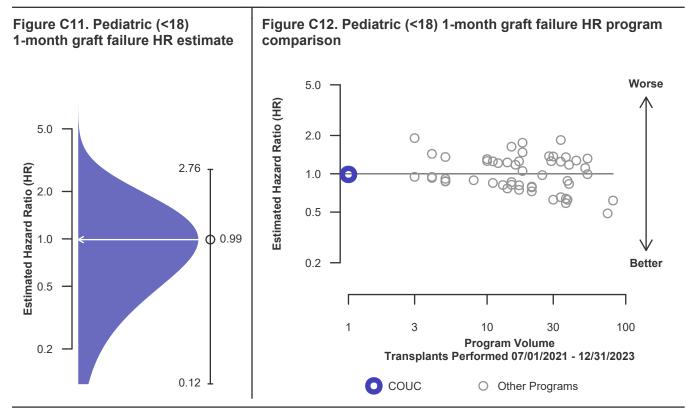
RECIPIENTS

Table C10. Pediatric (<18) 1-month survival with a functioning graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,239
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	96.05% [94.97%-97.14%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	97.79%	
Number of observed graft failures (including deaths) during the first month after transplant	0	49
Number of expected graft failures (including deaths) during the first month after transplant	0.02	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.76]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.76], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 176% increased risk.





REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
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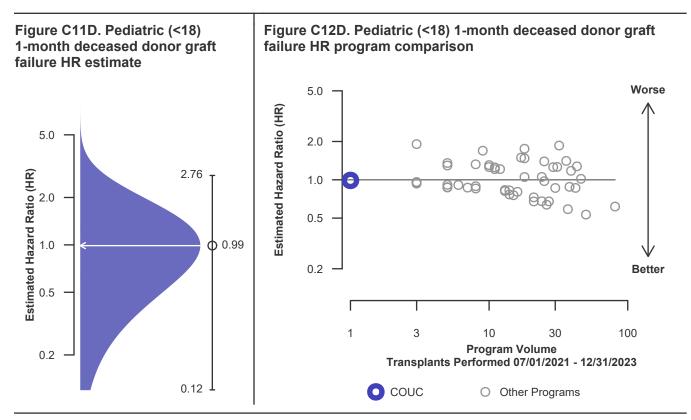
C. Transplant Information

Table C10D. Pediatric (<18) 1-month survival with a functioning deceased donor graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,026
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	95.52% [94.26%-96.79%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	97.79%	
Number of observed graft failures (including deaths) during the first month after transplant	0	46
Number of expected graft failures (including deaths) during the first month after transplant	0.02	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.76]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.76], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 176% increased risk.





REGISTRY OF
TRANSPLANTCenter Code: COUC
Transplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

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C. Transplant Information

Table C10L. Pediatric (<18) 1-month survival with a functioning living donor graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

This center did not perform any transplants relevant to this table during 07/01/2021-12/31/2023

Figure C11L. Pediatric (<18) 1-month living donor graft failure HR estimate	Figure C12L. Pediatric (<18) 1-month living donor graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
07/01/2021-12/31/2023	07/01/2021-12/31/2023



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025

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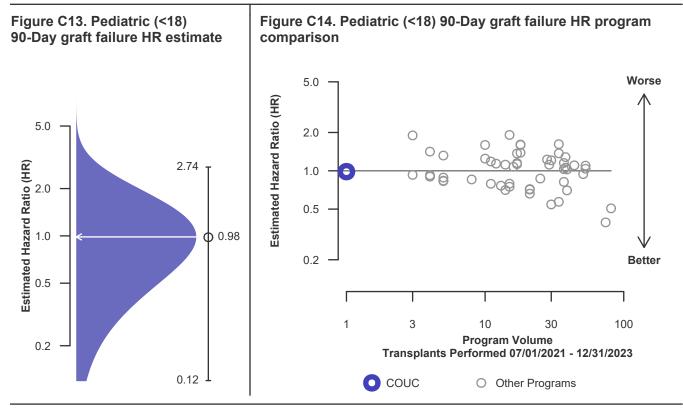
C. Transplant Information

Table C11. Pediatric (<18) 90-Day survival with a functioning graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,239
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	94.75% [93.52%-96.00%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	96.98%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	0	65
Number of expected graft failures (including deaths) during the first 90 days after transplant	0.03	
Estimated hazard ratio*	0.98	
95% credible interval for the hazard ratio**	[0.12, 2.74]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.74], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 2% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 174% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

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Based on Data Available: October 31, 2024

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C. Transplant Information

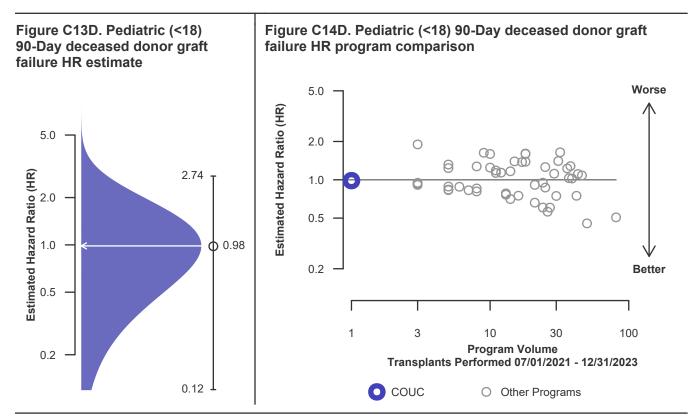
RECIPIENTS

Table C11D. Pediatric (<18) 90-Day survival with a functioning deceased donor graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,026
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	94.25% [92.84%-95.68%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	96.98%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	0	59
Number of expected graft failures (including deaths) during the first 90 days after transplant	0.03	
Estimated hazard ratio*	0.98	
95% credible interval for the hazard ratio**	[0.12, 2.74]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.74], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 2% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 174% increased risk.





REGISTRY OF
TRANSPLANTCenter Code: COUC
Transplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

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C. Transplant Information

Table C11L. Pediatric (<18) 90-Day survival with a functioning living donor graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

This center did not perform any transplants relevant to this table during 07/01/2021-12/31/2023

Figure C13L. Pediatric (<18) 90-Day living donor graft failure HR estimate	Figure C14L. Pediatric (<18) 90-Day living donor graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
07/01/2021-12/31/2023	07/01/2021-12/31/2023



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Transplant Program (Organ): Liver Release Date: January 7, 2025

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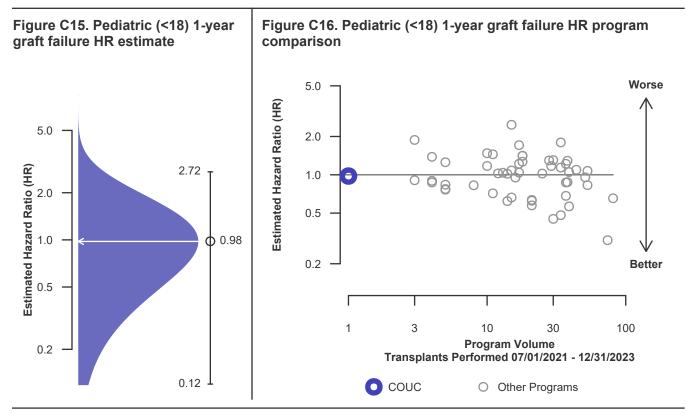
RECIPIENTS

Table C12. Pediatric (<18) 1-year survival with a functioning graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,239
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	92.90% [91.46%-94.36%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	95.50%	
Number of observed graft failures (including deaths) during the first year after transplant	0	86
Number of expected graft failures (including deaths) during the first year after transplant	0.05	
Estimated hazard ratio*	0.98	
95% credible interval for the hazard ratio**	[0.12, 2.72]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.72], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 2% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 172% increased risk.





REGISTRY OF Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

Release Date: January 7, 2025 Based on Data Available: October 31, 2024

Based off Data Available. October 51, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

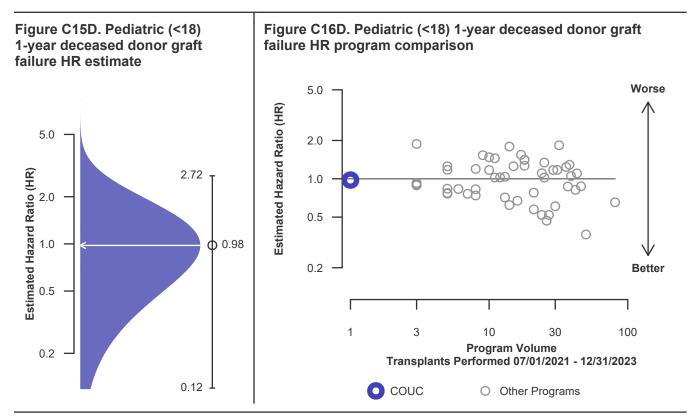
RECIPIENTS

Table C12D. Pediatric (<18) 1-year survival with a functioning deceased donor graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,026
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	92.33% [90.69%-93.99%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	95.50%	
Number of observed graft failures (including deaths) during the first year after transplant	0	77
Number of expected graft failures (including deaths) during the first year after transplant	0.05	
Estimated hazard ratio*	0.98	
95% credible interval for the hazard ratio**	[0.12, 2.72]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.72], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 2% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 172% increased risk.





REGISTRY OF
TRANSPLANTCenter Code: COUC
Transplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C12L. Pediatric (<18) 1-year survival with a functioning living donor graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

This center did not perform any transplants relevant to this table during 07/01/2021-12/31/2023

Figure C15L. Pediatric (<18) 1-year living donor graft failure HR estimate	Figure C16L. Pediatric (<18) 1-year living donor graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
07/01/2021-12/31/2023	07/01/2021-12/31/2023



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025

Release Date: January 7, 2025 RECIPIENTS Based on Data Available: October 31, 2024 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

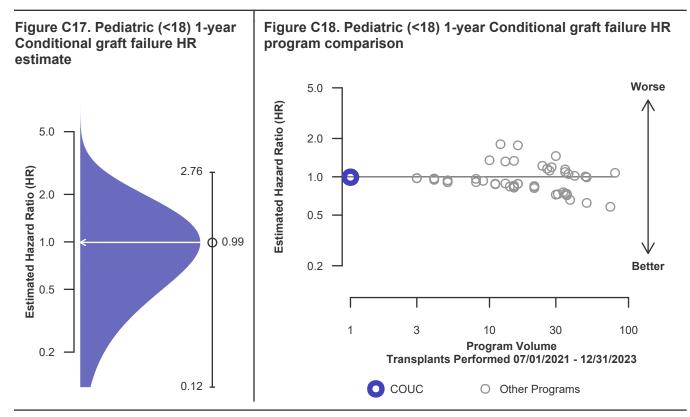
C. Transplant Information

Table C13. Pediatric (<18) 1-year Conditional survival with a functioning graft</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	1,174
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [10 (unadjusted for patient and donor characteristics)	5 100.00% 00.00%-100.00%]	98.04% [97.80%-98.29%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	98.47%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	0	21
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.02	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.76]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.76], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 176% increased risk.







Center Code: COUC REGISTRY <u>야</u> Transplant Program (Organ): Liver TRANSPLANT RECIPIENTS

Release Date: January 7, 2025

Based on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

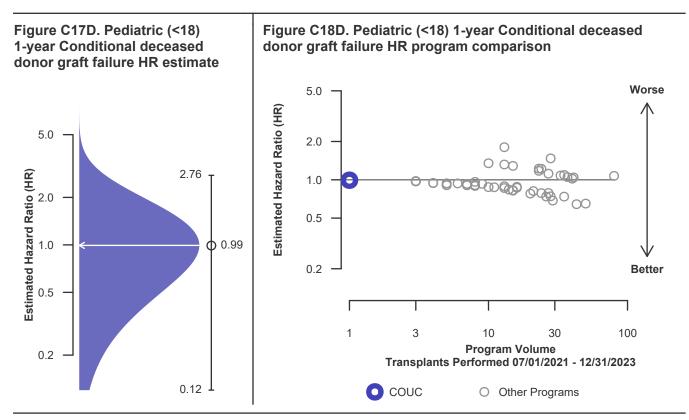
C. Transplant Information

Table C13D. Pediatric (<18) 1-year Conditional survival with a functioning deceased donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

	COUC	U.S.
Number of transplants evaluated	1	967
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [10 (unadjusted for patient and donor characteristics)	100.00% 00.00%-100.00%]	97.96% [97.69%-98.23%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	98.47%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	0	18
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.02	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.76]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.76], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of graft failure compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 176% increased risk.





REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

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C. Transplant Information

Table C13L. Pediatric (<18) 1-year Conditional survival with a functioning living donor graft Single organ transplants performed between 07/01/2021 and 12/31/2023 Deaths and retransplants are considered graft failures

> This center did not perform any transplants relevant to this table during 07/01/2021-12/31/2023

Figure C17L. Pediatric (<18) 1-year Conditional living donor graft failure HR estimate	Figure C18L. Pediatric (<18) 1-year Conditional living donor graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
07/01/2021-12/31/2023	07/01/2021-12/31/2023



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C14. Pediatric (<18) 3-year survival with a functioning graft

Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 Deaths and retransplants are considered graft failures Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

This center did not perform any transplants relevant to this table during 01/01/2019-06/30/2021

Figure C19. Pediatric (<18) 3-year graft failure HR estimate	Figure C20. Pediatric (<18) 3-year graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
01/01/2019-06/30/2021	01/01/2019-06/30/2021



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

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Table C14D. Pediatric (<18) 3-year survival with a functioning deceased donor graft</th>Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021Deaths and retransplants are considered graft failuresFollow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

This center did not perform any transplants relevant to this table during 01/01/2019-06/30/2021

Figure C19D. Pediatric (<18) 3-year deceased donor graft failure HR estimate	Figure C20D. Pediatric (<18) 3-year deceased donor graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
01/01/2019-06/30/2021	01/01/2019-06/30/2021



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
Release Date: January 7, 2025RECIPIENTSBased on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C14L. Pediatric (<18) 3-year survival with a functioning living donor graft</th>Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021Deaths and retransplants are considered graft failuresFollow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

This center did not perform any transplants relevant to this table during 01/01/2019-06/30/2021

Figure C19L. Pediatric (<18) 3-year living donor graft failure HR estimate	Figure C20L. Pediatric (<18) 3-year living donor graft failure HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
01/01/2019-06/30/2021	01/01/2019-06/30/2021





Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

Based on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

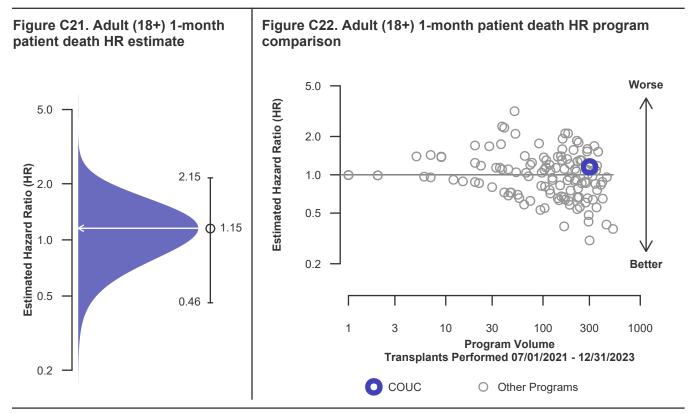
Table C15. Adult (18+) 1-month patient survival

Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

	COUC	U.S.
Number of transplants evaluated	301	20.474
Estimated probability of surviving at 1 month	98.34%	98.25%
& [95% CI] (unadjusted for patient and donor characteristics)	[96.91%-99.79%]	[98.07%-98.43%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	98.65%	
Number of observed deaths during the first month after transplant	5	358
Number of expected deaths during the first month after transplant	4.06	
Estimated hazard ratio*	1.15	
95% credible interval for the hazard ratio**	[0.46, 2.15]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.46, 2.15], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 15% higher risk of patient death compared to an average program, but COUC's performance could plausibly range from 54% reduced risk up to 115% increased risk.







Release Date: January 7, 2025 Based on Data Available: October 31, 2024 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

Transplant Program (Organ): Liver RECIPIENTS

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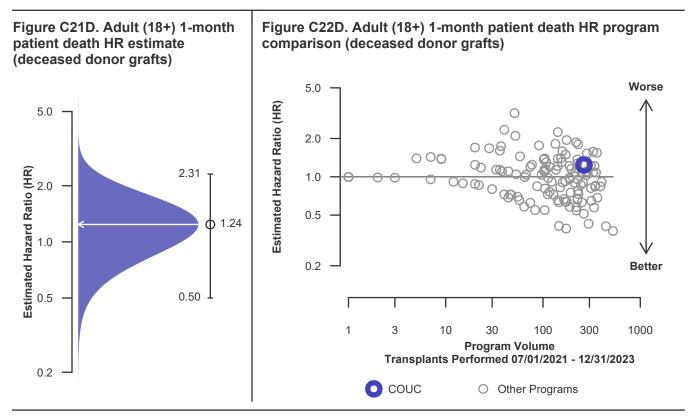
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Table C15D. Adult (18+) 1-month patient survival (deceased donor graft recipients) Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

	COUC	U.S.
Number of transplants evaluated	264	19,149
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	98.11% [96.48%-99.76%]	98.21% [98.02%-98.40%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	98.61%	
Number of observed deaths during the first month after transplant	5	343
Number of expected deaths during the first month after transplant	3.64	
Estimated hazard ratio*	1.24	
95% credible interval for the hazard ratio**	[0.50, 2.31]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.50, 2.31], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 24% higher risk of patient death compared to an average program, but COUC's performance could plausibly range from 50% reduced risk up to 131% increased risk.







Transplant Program (Organ): Liver Release Date: January 7, 2025 Based on Data Available: October 31, 2024 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

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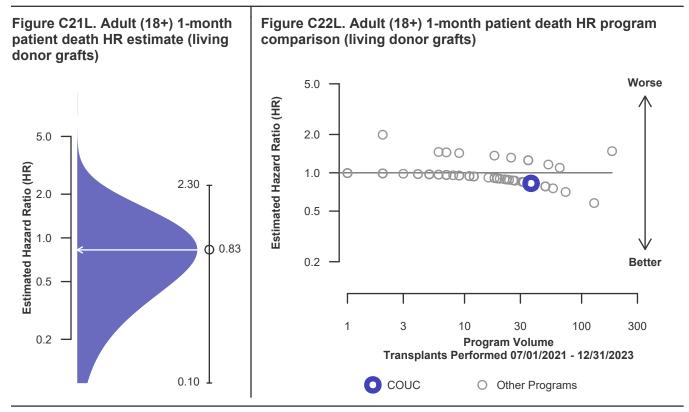
Table C15L. Adult (18+) 1-month patient survival (living donor graft recipients) Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

Center Code: COUC

	COUC	U.S.
Number of transplants evaluated	37	1,325
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	98.87% [98.30%-99.44%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	98.87%	
Number of observed deaths during the first month after transplant	0	15
Number of expected deaths during the first month after transplant	0.42	
Estimated hazard ratio*	0.83	
95% credible interval for the hazard ratio**	[0.10, 2.30]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.10, 2.30], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 17% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 90% reduced risk up to 130% increased risk.







Transplant Program (Organ): Liver Release Date: January 7, 2025

Center Code: COUC

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C. Transplant Information

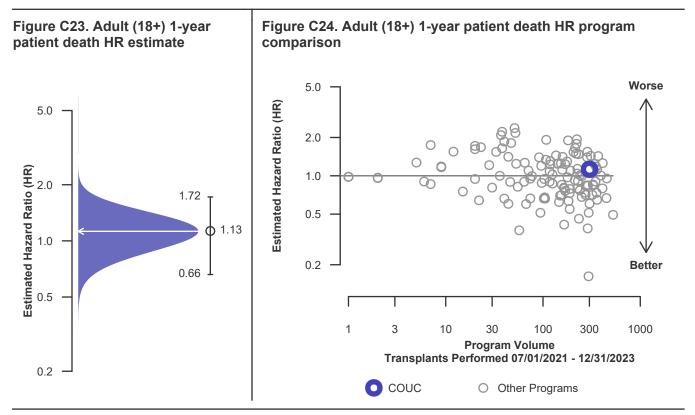
Table C16. Adult (18+) 1-year patient survival

Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

	COUC	U.S.
Number of transplants evaluated	301	20,474
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	94.72% [92.14%-97.38%]	94.17% [93.84%-94.50%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	95.34%	
Number of observed deaths during the first year after transplant	15	1,125
Number of expected deaths during the first year after transplant	13.11	
Estimated hazard ratio*	1.13	
95% credible interval for the hazard ratio**	[0.66, 1.72]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.66, 1.72], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 13% higher risk of patient death compared to an average program, but COUC's performance could plausibly range from 34% reduced risk up to 72% increased risk.







Transplant Program (Organ): Liver Release Date: January 7, 2025

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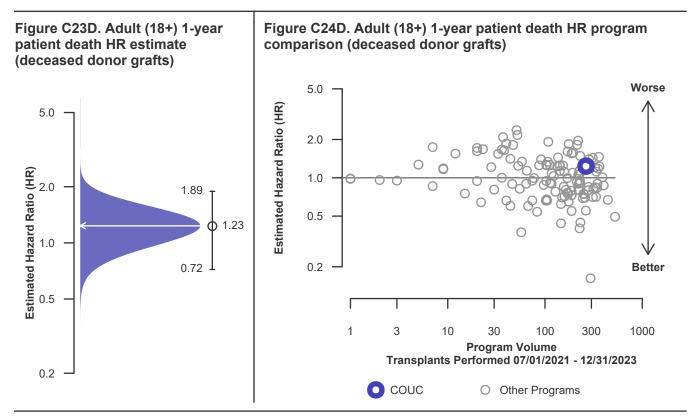
Table C16D. Adult (18+) 1-year patient survival (deceased donor graft recipients) Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

Center Code: COUC

	COUC	U.S.
Number of transplants evaluated	264	19,149
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	93.98% [91.05%-97.00%]	94.03% [93.68%-94.38%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	95.21%	
Number of observed deaths during the first year after transplant	15	1,078
Number of expected deaths during the first year after transplant	11.77	
Estimated hazard ratio*	1.23	
95% credible interval for the hazard ratio**	[0.72, 1.89]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.72, 1.89], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 23% higher risk of patient death compared to an average program, but COUC's performance could plausibly range from 28% reduced risk up to 89% increased risk.







Center Code: COUC Transplant Program (Organ): Liver Release Date: January 7, 2025

Based on Data Available: October 31, 2024

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

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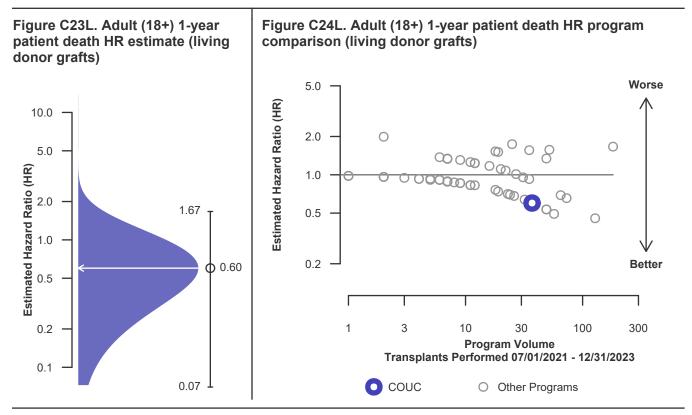
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Table C16L. Adult (18+) 1-year patient survival (living donor graft recipients) Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

	COUC	U.S.
Number of transplants evaluated	37	1,325
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	96.23% [95.17%-97.30%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	96.23%	
Number of observed deaths during the first year after transplant	0	47
Number of expected deaths during the first year after transplant	1.33	
Estimated hazard ratio*	0.60	
95% credible interval for the hazard ratio**	[0.07, 1.67]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.07, 1.67], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 40% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 93% reduced risk up to 67% increased risk.





TRANSPLANT RECIPIENTS Transplant Program (Organ): Liver Release Date: January 7, 2025

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Table C17. Adult (18+) 3-year patient survival

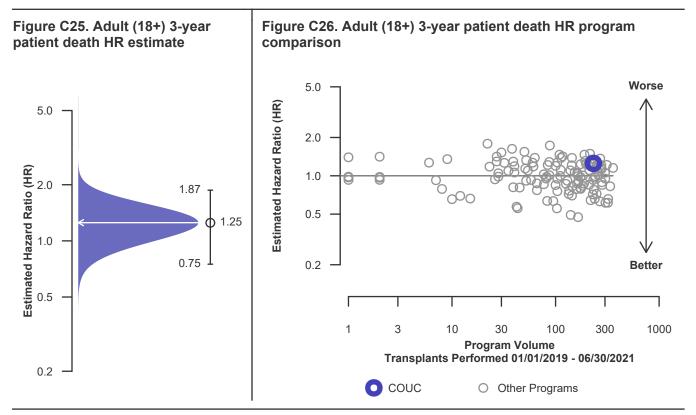
Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 **Retransplants excluded**

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	COUC	U.S.
Number of transplants evaluated	232	16,722
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	89.50% [84.42%-94.87%]	88.25% [87.62%-88.89%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	90.97%	
Number of observed deaths during the first 3 years after transplant	17	1,311
Number of expected deaths during the first 3 years after transplant	13.18	
Estimated hazard ratio*	1.25	
95% credible interval for the hazard ratio**	[0.75, 1.87]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.75, 1.87], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 25% higher risk of patient death compared to an average program, but COUC's performance could plausibly range from 25% reduced risk up to 87% increased risk.







Center Code: COUC REGISTRY OF Transplant Program (Organ): Liver TRANSPLANT Release Date: January 7, 2025 RECIPIENTS

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Table C17D. Adult (18+) 3-year patient survival (deceased donor graft recipients)

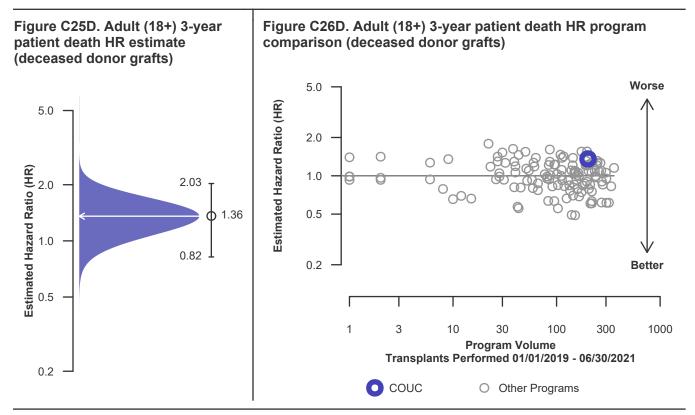
Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 **Retransplants excluded**

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	COUC	U.S.
Number of transplants evaluated	201	15,697
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	88.21% [82.65%-94.14%]	88.08% [87.42%-88.74%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	90.63%	
Number of observed deaths during the first 3 years after transplant	17	1,249
Number of expected deaths during the first 3 years after transplant	12.01	
Estimated hazard ratio*	1.36	
95% credible interval for the hazard ratio**	[0.82, 2.03]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.82, 2.03], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 36% higher risk of patient death compared to an average program, but COUC's performance could plausibly range from 18% reduced risk up to 103% increased risk.







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C. Transplant Information

Table C17L. Adult (18+) 3-year patient survival (living donor graft recipients)

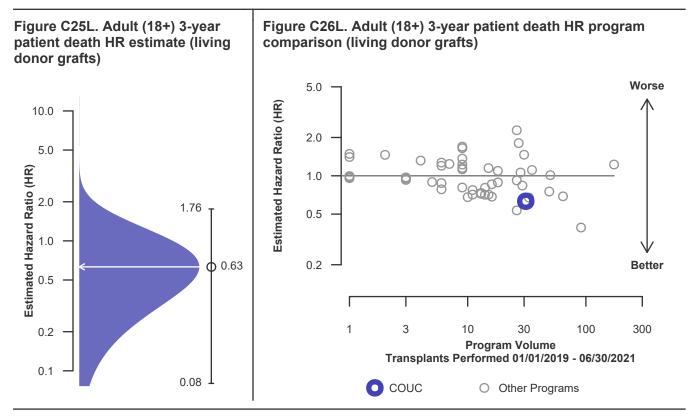
Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	COUC	U.S.
Number of transplants evaluated	31	1,025
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	90.87% [88.63%-93.17%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	93.15%	
Number of observed deaths during the first 3 years after transplant	0	62
Number of expected deaths during the first 3 years after transplant	1.17	
Estimated hazard ratio*	0.63	
95% credible interval for the hazard ratio**	[0.08, 1.76]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.08, 1.76], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 37% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 92% reduced risk up to 76% increased risk.





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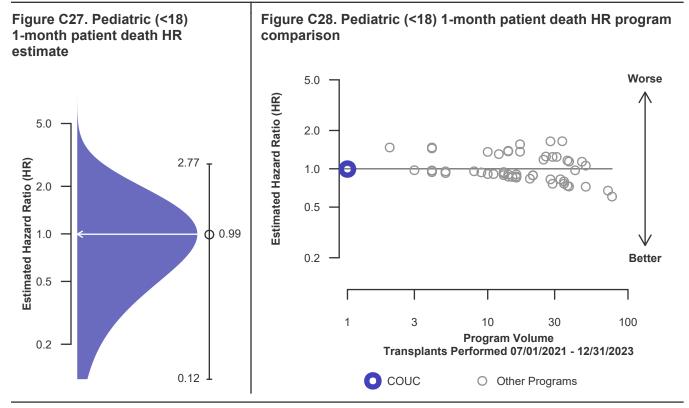
Table C18. Pediatric (<18) 1-month patient survival

Single organ transplants performed between 07/01/2021 and 12/31/2023 Retransplants excluded

	COUC	U.S.
Number of transplants evaluated	1	1,174
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	98.04% [97.25%-98.84%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	99.00%	
Number of observed deaths during the first month after transplant	0	23
Number of expected deaths during the first month after transplant	0.01	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.77]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.77], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 177% increased risk.







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C. Transplant Information

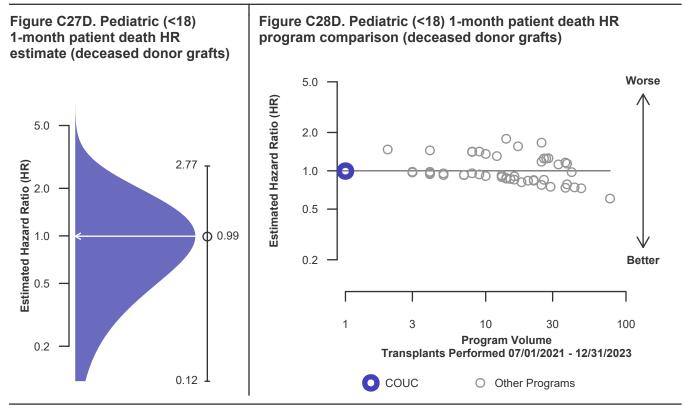
REGISTRY <u>야</u>

Table C18D. Pediatric (<18) 1-month patient survival (deceased donor graft recipients) Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

	COUC	U.S.
Number of transplants evaluated	1	961
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	97.81% [96.89%-98.74%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	99.00%	
Number of observed deaths during the first month after transplant	0	21
Number of expected deaths during the first month after transplant	0.01	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.77]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.77], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 177% increased risk.





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Table C18L. Pediatric (<18) 1-month patient survival (living donor graft recipients)</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Retransplants excluded

This center did not perform any transplants relevant to this table during 07/01/2021-12/31/2023

Figure C27L. Pediatric (<18) 1-month patient death HR estimate (living donor grafts)	Figure C28L. Pediatric (<18) 1-month patient death HR program comparison (living donor grafts)
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
07/01/2021-12/31/2023	07/01/2021-12/31/2023





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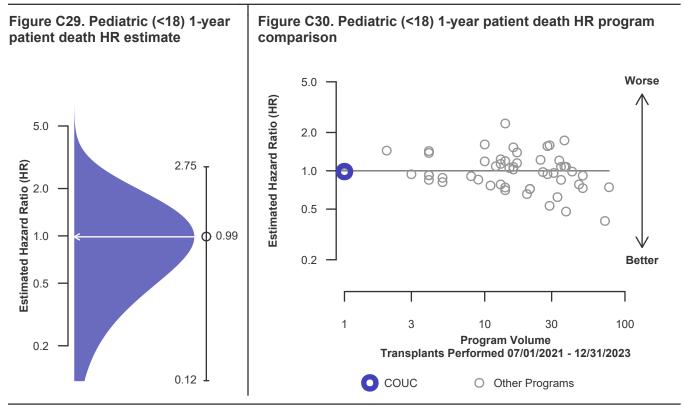
Table C19. Pediatric (<18) 1-year patient survival

Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

	COUC	U.S.
Number of transplants evaluated	1	1,174
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	95.28% [94.05%-96.52%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	97.18%	
Number of observed deaths during the first year after transplant	0	54
Number of expected deaths during the first year after transplant	0.03	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.75]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.75], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 175% increased risk.







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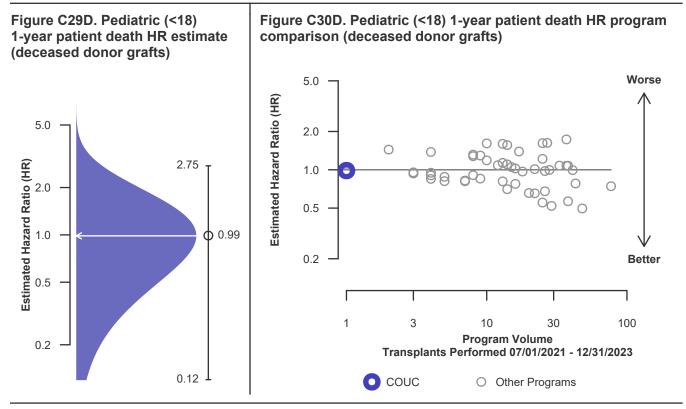
Table C19D. Pediatric (<18) 1-year patient survival (deceased donor graft recipients) Single organ transplants performed between 07/01/2021 and 12/31/2023 **Retransplants excluded**

Center Code: COUC

	COUC	U.S.
Number of transplants evaluated	1	961
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	95.09% [93.71%-96.49%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	97.18%	
Number of observed deaths during the first year after transplant	0	46
Number of expected deaths during the first year after transplant	0.03	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.75]	

* The hazard ratio provides an estimate of how University of Colorado Hospital/Health Science Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If COUC's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.75], indicates the location of COUC's true hazard ratio with 95% probability. The best estimate is 1% lower risk of patient death compared to an average program, but COUC's performance could plausibly range from 88% reduced risk up to 175% increased risk.





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Table C19L. Pediatric (<18) 1-year patient survival (living donor graft recipients)</th>Single organ transplants performed between 07/01/2021 and 12/31/2023Retransplants excluded

This center did not perform any transplants relevant to this table during 07/01/2021-12/31/2023

Figure C29L. Pediatric (<18) 1-year patient death HR estimate (living donor grafts)	Figure C30L. Pediatric (<18) 1-year patient death HR program comparison (living donor grafts)
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
07/01/2021-12/31/2023	07/01/2021-12/31/2023



REGISTRY OF Center Code: COUC TRANSPLANT RECIPIENTS

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C. Transplant Information

Table C20. Pediatric (<18) 3-year patient survival

Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021 **Retransplants excluded**

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

This center did not perform any transplants relevant to this table during 01/01/2019-06/30/2021

Figure C31. Pediatric (<18) 3-year patient death HR estimate	Figure C32. Pediatric (<18) 3-year patient death HR program comparison
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
01/01/2019-06/30/2021	01/01/2019-06/30/2021



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
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 Table C20D. Pediatric (<18) 3-year patient survival (deceased donor graft recipients)</td>

 Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021

 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

This center did not perform any transplants relevant to this table during 01/01/2019-06/30/2021

Figure C31D. Pediatric (<18) 3-year patient death HR estimate (deceased donor grafts)	Figure C32D. Pediatric (<18) 3-year patient death HR program comparison (deceased donor grafts)
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
01/01/2019-06/30/2021	01/01/2019-06/30/2021



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 Table C20L. Pediatric (<18) 3-year patient survival (living donor graft recipients)</td>

 Single organ transplants performed between 01/01/2019 and 03/12/2020, and 06/13/2020 and 06/30/2021

 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

This center did not perform any transplants relevant to this table during 01/01/2019-06/30/2021

Figure C31L. Pediatric (<18) 3-year patient death HR estimate (living donor grafts)	Figure C32L. Pediatric (<18) 3-year patient death HR program comparison (living donor grafts)
This center did not perform any	This center did not perform any
transplants relevant to	transplants relevant to
this figure during	this figure during
01/01/2019-06/30/2021	01/01/2019-06/30/2021



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C. Transplant Information

Table C21. Multi-organ transplant graft survival: 07/01/2021 - 12/31/2023

Adult (18+) Transplants	First-Year Outcomes						
Transplant Type	Transplants Performed COUC-TX1 USA		Graft Fa	Liver Graft Failures COUC-TX1 USA		Estimated Liver Graft Survival COUC-TX1 USA	
Kidney-Liver (Two Living Donors) Kidney-Liver	1 18	2 1,936	0 1	0 185	100.0% 94.4%	100.0% 90.4%	

Pediatric (<18) Transplants

No pediatric (<18) multi-organ transplants were performed

Table C22. Multi-organ transplant patient survival: 07/01/2021 - 12/31/2023

Adult (18+) Transplants	First-Year Outcomes					
Transplant Type	Perfor	Transplants Performed Patient Deaths COUC-TX1 USA COUC-TX1 USA			Estimated Patient Survival COUC-TX1 USA	
Kidney-Liver (Two Living Donors) Kidney-Liver	1 18	2 1,936	0 1	0 173	100.0% 94.4%	100.0% 91.1%

Pediatric (<18) Transplants

No pediatric (<18) multi-organ transplants were performed



REGISTRY OFCenter Code: COUCTRANSPLANTTransplant Program (Organ): Liver
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D. Living Donor Information

Table D1. Living donor summary: 07/01/2021 - 06/30/2024

	This Center		United States			
Living Donor Follow-Up	07/2021- 06/2022	07/2022- 06/2023	07/2023- 12/2023	07/2021- 06/2022	07/2022- 06/2023	07/2023- 12/2023
Number of Living Donors	26	22	12	585	633	322
6-Month Follow-Up Donors due for follow-up	26	22	9	585	633	268
Timely clinical data	26 100.0%	22 100.0%	9 100.0%	498 85.1%	530 83.7%	221 82.5%
Timely lab data	26 100.0%	22 100.0%	9 100.0%	498 85.1%	542 85.6%	230 85.8%
12-Month Follow-Up Donors due for follow-up	26	20		584	575	
Timely clinical data	26 100.0%	19 95.0%		456 78.1%	467 81.2%	
Timely lab data	26 100.0%	19 95.0%		449 76.9%	472 82.1%	
24-Month Follow-Up Donors due for follow-up	23			531		
Timely clinical data	22 95.7%			364 68.5%		
Timely lab data	22 95.7%			362 68.2%		

Follow-up forms due during the COVID-19 amnesty period from 3/13/2020-3/31/2021 are not included in timely clinical and lab data calculations