LI2018_01 Data Request on Circle Based Allocation
DSA-level data tables

## Background

The data shown in these tables are estimated data based on the SRTR liver simulated allocation model (LSAM, 2017).

While the policies governing liver allocation are clearly established, some random variation is associated with the process, for instance, when and where a liver becomes available, whether an offered organ is accepted by a given candidate, and how long a liver graft survives posttransplant. These events are fixed when reviewing historical data, but are unlikely to repeat themselves in exactly the same ways in the future. To help separate the effects of allocation changes from simple variation over time, LSAM uses several statistical modeling techniques:

- Each allocation scenario is simulated 10 times, with an independent set of candidates and donors for each iteration.
- Graft survival time for each simulated transplant is predicted based on a historical model of candidate and donor characteristics.
- Each simulated organ offer is accepted or declined based on a model of historical acceptance behavior, also taking into account candidate and donor characteristics.

These modeling elements introduce variation, presented as a range of results across the 10 iterations for each modeled scenario. Comparing the range of variation within a scenario with the variation between scenarios can help distinguish differences due to random variation from those due to change in allocation rules.

The modeling used in LSAM has limitations. Predictions are most reliable on a national level, because the statistical models are based on average national behavior and outcomes. LSAM cannot predict outcomes on a center-by-center basis, because the individual variations in practice and procedure are not represented in the models. Predictions are based on historical listing and offer acceptance behavior. If the rules of a simulated scenario are likely to result in changes to listing or acceptance behavior, this should be factored in when evaluating the results.

## Data Tables

Within each data cell in the attached tables, the data are provided in the format mean (minimum, maximum). The mean is the mean value across the 10 simulated iterations for each scenario, the minimum is the minimum value across the 10 iterations, and the maximum is the maximum value across the 10 iterations.
The data tables included are:
Table 1. Median MELD/PELD at transplant (MMaT) by DSA
Table 2. Transplant rates by DSA

Table 3. Transplant counts by DSA
Table 4. Waitlist mortality rates by DSA
Table 5. Waitlist mortality counts by DSA
Table 6. Percent of organs recovered within the DSA that were flown
Table 7. Percent of organs transplanted within the DSA that were flown
Policy Scenario Legend

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| :--- | :--- |
| Scenario 1 - Current System | Uses current distribution and allocation order ("Share 35" with MELD <br> sodium and HCC cap and delay). No proximity points are included, <br> and there are no donor exclusions. |
| Scenario 2-Board Approved | Candidates with a MELD score of at least 15 and listed at centers <br> within either (a) the DSA of the donor hospital or (b) a 150-nautical- <br> mile radius circle from the donor hospital receive three additional <br> proximity points added to their lab MELD for adults and their <br> allocation MELD/PELD for candidates aged younger than 18 years, <br> with a sharing threshold of MELD/PELD $\geq 32$. <br> Proximity points are defined as follows: At the time of the match run, <br> liver candidates with MELD or PELD scores of 15 or higher, and <br> registered at a transplant hospital within a 150-mile radius of the <br> donor hospital, or within the same DSA as the donor hospital, receive <br> three MELD or PELD points added to their score as described above. <br> For adults, proximity points are only added to calculated (lab) MELD <br> score. For candidates younger than 18, proximity points are added to <br> the allocation MELD/PELD score. |


| Scenario 3 - Acuity Circles (250 and 500 nautical miles) | Uses three concentric circles around the donor hospital with radii measured in nautical miles: $s m a l l=150 \mathrm{~nm}$, medium $=250 \mathrm{~nm}$, and large $=500 \mathrm{~nm}$. <br> Status 1A and 1B are allocated first at centers within the large circle, and then allocation proceeds in expanding circles (small, medium, large) for each decreasing MELD/PELD subgroup: at least $37,[33,37$ ), $[29,33),[15,29)$. <br> Centers outside of the large circle are allocated next for: status 1A, status 1B, and then MELD/PELD of at least 15. <br> Finally, candidates with MELD/PELD less than 15 in expanding circles, and outside of the large circle. |
| :---: | :---: |
| Scenario 4 - Acuity Circles (300 and 600 nautical miles) | Scenario 4 uses the same rules as scenario 3 with small, medium, and large circle sizes of 150, 300, and 600 nautical miles, respectively. |
| Scenario 5 - Broader 2-Circle Distribution (MELD Threshold = 35) | Uses three concentric circles around the donor hospital with radii measured in nautical miles: $s m a l l=150 \mathrm{~nm}$, medium $=250 \mathrm{~nm}$, and large $=500 \mathrm{~nm}$. <br> Status 1A and 1B are allocated first at centers within the large circle, and followed by those within the medium circle with a MELD/PELD of at least the threshold of 35 . <br> Allocation then proceeds in expanding circles (small, medium, large) for those with MELD/PELD of at least 15. <br> Centers outside of the large circle are allocated next for: status 1A, status 1B, and then MELD/PELD of at least 15. <br> Finally, candidates with MELD/PELD less than 15 in expanding circles, and outside of the large circle. |
| Scenario 6 - Broader 2-Circle Distribution (MELD Threshold = 32) | Scenario 6 uses the same rules as scenario 5 with a MELD threshold of 32. |

Table 1. Median MELD/PELD at transplant (MMaT) by DSA

| TX_OPO | Current | Board.Approved | Acuity 250.500 | Acuity $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circ | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | $25.4(24,27)$ | 26.6 (26,27) | 29.5 (29,30) | 30.1 (30,30.5) | 27.6 (27,28) | $27.8(27,28)$ |
| AROR | $26.9(24,28)$ | $27.9(25.5,29)$ | $31.6(30.5,33)$ | $31.9(30.5,33)$ | $28.2(27,29)$ | $28.4(28,30)$ |
| AZOB | $31.1(30,32)$ | $31.3(30,32)$ | $30.9(30,32)$ | $31.8(31,32)$ | $28.7(28,29)$ | 28.8 (28,29) |
| CADN | $33(33,33)$ | $33(33,33)$ | $33(33,33)$ | $33(33,33)$ | $33(33,33)$ | $32.9(32,33)$ |
| CAOP | $35.3(35,36)$ | $34.5(34,35)$ | $34.5(34,35)$ | $34.5(34,35)$ | 34.1 (33,35) | $34.1(34,35)$ |
| CASD | $32.8(31,34)$ | $33(33,33)$ | $32.8(32,33)$ | $32.5(31,33)$ | $31.9(31,33)$ | $32(31,33)$ |
| CORS | $28.8(28,29)$ | $28.9(28,30)$ | $29.6(29,31)$ | 30.6 (29.5,31) | $29.2(29,30)$ | $28.9(28,29)$ |
| CTOP | $25.6(22,28)$ | 28.6 (26,31) | $30.3(28,31)$ | $30.1(29,31)$ | $30.1(28,32)$ | $30.7(28,32)$ |
| DCTC | $27.4(26,28)$ | $28.7(28,29)$ | $30(30,30)$ | $30(30,30)$ | $29.4(29,30)$ | 29.8 (29,30) |
| FLFH | 26 (25,27.5) | 26.6 (24.5,29) | $29.2(29,30)$ | $29.4(28,31)$ | $27.3(25,28)$ | 27.5 (26,29.5) |
| FLMP | $27.2(27,28)$ | $27.4(27,28)$ | $28.9(28,29)$ | $29.7(29,30)$ | $27.7(27,28)$ | $27.9(27,28)$ |
| FLUF | 28.1 (28,28.5) | $28.1(28,29)$ | $29.1(29,30)$ | 29.3 (29,30) | $28(28,28)$ | $28(28,28)$ |
| FLWC | $23.1(22,24)$ | $24.4(22,26)$ | 29.3 (29,30) | $29.8(29,31)$ | $28(27,29)$ | $28(27,29)$ |
| GALL | $27.7(26,28)$ | $27.8(27,28)$ | 30.3 (30,31) | $30.9(30,31)$ | $27.9(27,28)$ | $28.1(28,29)$ |
| HIOP | $25.2(19,29)$ | $24.8(20.5,28)$ | $23(18,28.5)$ | $24.2(18,30)$ | 23.7 (18.5,29) | $24(19,30)$ |
| IAOP | $24.9(23.5,28)$ | $27.2(25,29)$ | $30.9(29,33)$ | $30.9(29,33)$ | $28.9(27,31)$ | 29.6 (27,32) |
| ILIP | $29.1(29,30)$ | $29.2(29,30)$ | $30.2(30,31)$ | $30.5(30,31)$ | $29(29,29)$ | $29.4(29,30)$ |
| INOP | $24.9(24,25)$ | $27.1(26,28)$ | $29.9(29,30)$ | 30.1 (30,31) | $27.9(27,29)$ | 28.3 (28,29) |
| KYDA | 24.5 (23.5,25) | $25.9(25,27)$ | $29.4(29,30)$ | $29.8(29,30)$ | 26.2 (24.5,27) | $26.7(25,28)$ |
| LAOP | $26.7(26,27)$ | $26.8(26,28)$ | $30(30,30)$ | 30.1 (30,31) | $27.2(26,28)$ | $27.6(27,28)$ |
| MAOB | $31(31,31)$ | $31.1(31,32)$ | $31.1(31,32)$ | $31(31,31)$ | $31.4(31,32)$ | $32(31,33)$ |
| MDPC | $32.2(31,34)$ | $31.8(31,33)$ | $32.1(31,33)$ | $32.1(31,33)$ | $32(31,33)$ | $32.4(32,33)$ |
| MIOP | $24.8(24,25)$ | 26.6 (26,27) | $30(30,30)$ | $30.4(30,31)$ | $28.2(28,29)$ | 28.6 (28,29) |
| MNOP | $30.9(30,31)$ | $30.9(30,31)$ | $30.4(30,31)$ | $30.7(30,31)$ | 30.1 (30,31) | 30.7 (30,31) |
| MOMA | $26.7(25,28)$ | $27(26,28)$ | $29.2(29,30)$ | $29.4(29,30)$ | $27.2(26,28)$ | $27.4(27,28)$ |
| MSOP | 24.3 (22.5,27.5) | 25.6 (25,28.5) | $30.6(29,33)$ | $31.1(29,34)$ | 27.1 (26,29) | 27.7 (26.5,28.5) |
| MWOB | $25(24,26)$ | $25.2(24,26)$ | $29.4(29,30)$ | $29.9(29,30)$ | $25.3(24,26)$ | 25.6 (24,27) |
| NCCM | $24.1(23,25)$ | $25.6(24,27)$ | $30.1(29,32)$ | $30.7(30,32)$ | $25.1(23,27)$ | 25.8 (24,27.5) |
| NCNC | $26.6(25,28)$ | $27.6(26,28)$ | 30.1 (29.5,31) | $29.8(29,31)$ | $27.5(27,28)$ | $27.8(27,28)$ |
| NEOR | $26.6(26,28)$ | $27.6(27,29)$ | $29.4(29,30)$ | 29.6 (29,30.5) | $25.9(25,27)$ | $26.2(25,27)$ |
| NJTO | $27.4(25,28)$ | $30(29,31)$ | $31(30,32)$ | $31.1(31,32)$ | $31.4(31,32)$ | $32(31,33)$ |
| NYFL | $33.4(32,35)$ | $32.7(31,34)$ | $32.9(31,34)$ | $32.9(32,33)$ | 33.1 (31.5,34) | $33.2(33,34)$ |
| NYRT | $31.4(31,32)$ | $31(31,31)$ | $30.8(30,31)$ | $30.8(30,31)$ | $31(31,31)$ | $31(31,31)$ |
| OHLB | $27.6(27,28)$ | $28.8(28,30)$ | $30.8(30,31)$ | 30.6 (30,31) | $28.8(28,29)$ | $28.9(28,30)$ |
| OHLP | $25.7(23,27)$ | $28.9(28,30)$ | $30.9(30,32)$ | $31.1(30,32)$ | 28.6 (27.5,29) | $29.4(28.5,31)$ |

Table 1. Median MELD/PELD at transplant (MMaT) by DSA

| TX_OPO | Current | Board.Approved | Acuity.250.500 | Acuity.300.600 | Broader.2.Circle.MELC Broader.2.Circle.MELD.32 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| OHOV | $26.1(25,27)$ | $27.6(27,29)$ | $29(29,29)$ | $29(29,29)$ | $26.4(26,28)$ | $26.9(25,28)$ |
| OKOP | $27.4(25,29)$ | $27.9(26,29)$ | $29.2(29,30)$ | $29.6(29,31)$ | $23.1(22,24.5)$ | $23.9(23,25)$ |
| ORUO | $27.4(26,29)$ | $27.7(26,29)$ | $30.7(30,32)$ | $31.6(30,33)$ | $29.5(28,30)$ | $29.5(28,31)$ |
| PADV | $29.3(29,30)$ | $30.4(30,31)$ | $31(31,31)$ | $31(31,31)$ | $31.2(31,32)$ | $31.2(31,32)$ |
| PATF | $29.2(28,30)$ | $29.7(29,30)$ | $30.7(30,32)$ | $30.6(30,31)$ | $29.9(29,30)$ | $30(30,30)$ |
| PRLL | $21.8(21,23)$ | $22(21,23)$ | $21.4(21,22)$ | $21.6(20,22)$ | $21.2(20,22)$ | $21.1(20,22)$ |
| SCOP | $23.3(22,25)$ | $24.2(23,25)$ | $29.8(29,31)$ | $30(29,31)$ | $26.1(25,27)$ | $26.5(25,28)$ |
| TNDS | $24(23,25)$ | $24.9(24,25)$ | $29.9(29,30)$ | $30(30,30)$ | $27.4(27,28)$ | $27.8(27,29)$ |
| TNMS | $27.6(27,28)$ | $28.1(27,29)$ | $30.2(30,31)$ | $30.6(30,32)$ | $27.9(27,29)$ | $27.9(27,29)$ |
| TXGC | $31.2(31,32)$ | $31.2(31,32)$ | $30.2(30,31)$ | $30.9(30,31)$ | $30.4(30,31)$ | $30.8(30,31)$ |
| TXSA | $29.9(29,31)$ | $31(30,32)$ | $31.1(31,32)$ | $31.3(31,32)$ | $30.4(29,32)$ | $30.9(30.5,31)$ |
| TXSB | $28.2(28,29)$ | $28.8(28,29)$ | $29.7(29,30)$ | $29.9(29,30)$ | $28.3(28,29)$ | $28.8(28,29)$ |
| UTOP | $31.6(30,33)$ | $32.3(31,33)$ | $30.8(30,32)$ | $32.1(31,33)$ | $28.5(27.5,29)$ | $28.6(27.5,30)$ |
| VATB | $24.3(24,25)$ | $26.3(25,27)$ | $31.1(30,32)$ | $31.1(30,32)$ | $28.2(27,29)$ | $29.1(28,30)$ |
| WALC | $28.2(28,29)$ | $28(28,28)$ | $30.6(29.5,32)$ | $31.4(31,32)$ | $30(29,31)$ | $29.8(29,31)$ |
| WIDN | $30.8(29,33)$ | $30.1(29,31)$ | $30.2(30,31)$ | $30.2(29.5,31)$ | $29.1(28.5,30)$ | $29.4(29,30)$ |
| WIUW | $30.4(29,32)$ | $31.1(30,32)$ | $31.8(31,33)$ | $32.6(31,33)$ | $30.7(30,31)$ | $31.2(30,32)$ |

Table 2. Transplant rates by DSA

| TX_OPO | Current | Board.Approved | Acuity. 250.500 | Acuity $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | 0.86 (0.802,0.974) | 0.809 (0.652,0.956) | 0.534 (0.497,0.611) | 0.52 (0.487,0.558) | 0.69 (0.635,0.767) | 0.655 (0.553,0.722) |
| AROR | 1.472 (1.307,1.563) | 1.36 (1.204,1.595) | 0.873 (0.682,1.009) | 0.91 (0.725,1.065) | 1.112 (0.87,1.367) | $1.061(0.777,1.177)$ |
| AZOB | 0.35 (0.327,0.384) | $0.361(0.343,0.4)$ | 0.376 (0.344,0.41) | 0.364 (0.342,0.388) | 0.484 (0.437,0.524) | 0.487 (0.433,0.516) |
| CADN | 0.231 (0.22,0.238) | 0.23 (0.222,0.239) | 0.237 (0.224,0.251) | 0.248 (0.238,0.262) | 0.225 (0.212,0.235) | 0.226 (0.213,0.234) |
| CAOP | 0.381 (0.357,0.401) | 0.374 (0.355,0.382) | 0.387 (0.374,0.4) | 0.392 (0.382,0.407) | 0.365 (0.344,0.374) | 0.363 (0.341,0.389) |
| CASD | 0.407 (0.369,0.449) | 0.406 (0.379,0.438) | 0.44 (0.4,0.492) | 0.459 (0.42,0.514) | 0.415 (0.357,0.453) | 0.425 (0.382,0.493) |
| CORS | $0.251(0.227,0.278)$ | 0.251 (0.229,0.272) | 0.239 (0.216,0.259) | 0.227 (0.213,0.246) | 0.228 (0.214,0.242) | 0.23 (0.204,0.251) |
| CTOP | 0.472 (0.322,0.553) | 0.445 (0.299,0.584) | 0.477 (0.334,0.646) | 0.524 (0.349,0.68) | 0.443 (0.316,0.524) | 0.428 (0.247,0.573) |
| DCTC | 0.39 (0.351,0.436) | 0.384 (0.325,0.442) | 0.414 (0.379,0.446) | 0.412 (0.381,0.451) | 0.39 (0.358,0.421) | 0.387 (0.356,0.418) |
| FLFH | 1.094 (0.895,1.261) | 1.127 (0.962,1.453) | 0.82 (0.709,0.939) | 0.758 (0.634,0.904) | 0.951 (0.719,1.101) | 0.904 (0.735,1.13) |
| FLMP | 0.889 (0.771,1.002) | 0.92 (0.837,1.049) | 0.714 (0.65,0.798) | 0.674 (0.618,0.743) | 0.745 (0.669,0.789) | 0.743 (0.619,0.819) |
| FLUF | 0.78 (0.739,0.817) | 0.824 (0.778,0.907) | 0.732 (0.677,0.793) | 0.701 (0.642,0.737) | 0.843 (0.768,0.898) | 0.835 (0.75,0.946) |
| FLWC | 1.292 (1.071,1.683) | 1.1 (0.888,1.358) | 0.57 (0.505,0.771) | 0.535 (0.412,0.644) | 0.664 (0.599,0.814) | 0.655 (0.562,0.753) |
| GALL | 0.934 (0.864,1.011) | 0.968 (0.921,1.053) | 0.722 (0.688,0.759) | 0.672 (0.64,0.751) | 0.902 (0.854,0.97) | 0.894 (0.814,0.979) |
| HIOP | 0.312 (0.253,0.375) | 0.333 (0.193,0.444) | 0.316 (0.238,0.442) | 0.274 (0.206,0.343) | $0.294(0.196,0.361)$ | $0.302(0.202,0.377)$ |
| IAOP | 0.819 (0.627,1.004) | 0.671 (0.513,0.887) | 0.559 (0.451,0.738) | 0.552 (0.489,0.634) | 0.525 (0.411,0.684) | 0.52 (0.399,0.576) |
| ILIP | 0.599 (0.558,0.648) | 0.648 (0.612,0.71) | 0.69 (0.643,0.765) | 0.686 (0.65,0.762) | 0.711 (0.659,0.773) | 0.715 (0.683,0.753) |
| INOP | 1.09 (0.881,1.254) | 0.801 (0.705,0.949) | 0.624 (0.551,0.721) | $0.602(0.527,0.714)$ | 0.756 (0.685,0.833) | 0.715 (0.638,0.786) |
| KYDA | 0.567 (0.485,0.632) | 0.516 (0.439,0.572) | 0.352 (0.309,0.384) | 0.344 (0.278,0.392) | 0.465 (0.415,0.502) | 0.464 (0.41,0.502) |
| LAOP | 0.873 (0.783,0.952) | 0.876 (0.757,0.995) | 0.596 (0.544,0.635) | 0.58 (0.522,0.642) | 0.673 (0.587,0.737) | 0.675 (0.61,0.717) |
| MAOB | 0.255 (0.243,0.275) | 0.268 (0.254,0.281) | 0.347 (0.33,0.36) | 0.355 (0.337,0.371) | 0.298 (0.279,0.318) | $0.301(0.286,0.314)$ |
| MDPC | 0.258 (0.249,0.274) | 0.266 (0.246,0.282) | 0.316 (0.299,0.33) | 0.321 (0.298,0.333) | 0.29 (0.271,0.308) | 0.292 (0.276,0.306) |
| MIOP | 0.476 (0.438,0.519) | 0.398 (0.355,0.426) | 0.321 (0.282,0.357) | 0.312 (0.282,0.334) | 0.355 (0.334,0.373) | 0.345 (0.316,0.379) |
| MNOP | 0.299 (0.271,0.324) | 0.316 (0.288,0.33) | 0.41 (0.391,0.437) | 0.406 (0.383,0.417) | 0.328 (0.312,0.348) | 0.343 (0.333,0.364) |
| MOMA | 0.536 (0.493,0.576) | 0.533 (0.52,0.558) | 0.474 (0.439,0.519) | 0.448 (0.394,0.484) | 0.558 (0.515,0.62) | 0.563 (0.512,0.609) |
| MSOP | 1.739 (1.403,2.379) | 1.582 (1.2,1.947) | 0.911 (0.679,1.268) | 0.814 (0.617,0.956) | 0.963 (0.768,1.12) | 0.964 (0.756,1.172) |
| MWOB | 0.915 (0.804,1.042) | 0.847 (0.685,0.939) | 0.542 (0.497,0.613) | 0.541 (0.493,0.639) | 0.906 (0.758,1.101) | 0.868 (0.766,1.043) |
| NCCM | 0.693 (0.62,0.75) | 0.64 (0.53,0.771) | 0.421 (0.308,0.471) | 0.422 (0.375,0.475) | 0.679 (0.618,0.76) | 0.641 (0.575,0.722) |
| NCNC | $0.754(0.671,0.803)$ | 0.717 (0.664,0.76) | 0.513 (0.431,0.565) | 0.531 (0.439,0.577) | 0.708 (0.637,0.773) | 0.657 (0.637,0.698) |
| NEOR | 0.345 (0.292,0.387) | 0.356 (0.327,0.381) | 0.359 (0.305,0.405) | 0.365 (0.312,0.401) | 0.442 (0.405,0.512) | 0.427 (0.385,0.476) |
| NJTO | 0.553 (0.49,0.612) | 0.439 (0.41,0.483) | 0.406 (0.35,0.437) | 0.425 (0.382,0.482) | 0.355 (0.305,0.411) | 0.36 (0.316,0.431) |
| NYFL | 0.525 (0.428,0.653) | 0.541 (0.468,0.675) | $0.807(0.713,0.902)$ | $0.814(0.697,0.927)$ | 0.705 (0.64,0.769) | 0.733 (0.617,0.853) |
| NYRT | 0.254 (0.238,0.271) | 0.309 (0.292,0.324) | 0.404 (0.389,0.417) | 0.416 (0.397,0.431) | 0.357 (0.339,0.38) | 0.356 (0.339,0.37) |
| OHLB | 0.574 (0.534,0.608) | $0.504(0.456,0.548)$ | $0.454(0.425,0.502)$ | 0.459 (0.414,0.493) | 0.509 (0.465,0.553) | 0.496 (0.464,0.536) |
| OHLP | 0.76 (0.681,0.891) | 0.577 (0.502,0.639) | 0.469 (0.396,0.534) | 0.466 (0.38,0.55) | 0.563 (0.458,0.689) | 0.529 (0.42,0.642) |

## Table 2. Transplant rates by DSA

| TX_OPO | Current | Board.Approved | Acuity.250.500 | Acuity.300.600 | Broader.2.Circle.MELD.35 | Broader.2.Circle.MELD.32 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| OHOV | $0.577(0.52,0.646)$ | $0.535(0.478,0.576)$ | $0.537(0.459,0.589)$ | $0.529(0.465,0.587)$ | $0.645(0.564,0.713)$ | $0.62(0.572,0.693)$ |
| OKOP | $0.339(0.32,0.357)$ | $0.329(0.305,0.365)$ | $0.345(0.298,0.382)$ | $0.321(0.272,0.355)$ | $0.574(0.538,0.63)$ | $0.538(0.496,0.627)$ |
| ORUO | $0.475(0.41,0.51)$ | $0.46(0.426,0.537)$ | $0.294(0.248,0.318)$ | $0.276(0.209,0.321)$ | $0.325(0.269,0.357)$ | $0.315(0.263,0.353)$ |
| PADV | $0.53(0.491,0.563)$ | $0.48(0.443,0.501)$ | $0.526(0.501,0.551)$ | $0.532(0.504,0.545)$ | $0.461(0.441,0.477)$ | $0.463(0.449,0.484)$ |
| PATF | $0.403(0.363,0.433)$ | $0.4(0.367,0.427)$ | $0.427(0.416,0.442)$ | $0.434(0.414,0.449)$ | $0.436(0.414,0.461)$ | $0.438(0.417,0.454)$ |
| PRLL | $1.551(1.119,2.132)$ | $1.458(1.017,2.08)$ | $1.59(1.273,2.067)$ | $1.613(1.155,2.154)$ | $1.656(1.356,2.03)$ | $1.612(1.283,2.078)$ |
| SCOP | $1.394(1.228,1.569)$ | $1.203(1.089,1.296)$ | $0.719(0.625,0.773)$ | $0.676(0.541,0.79)$ | $0.91(0.8,1.035)$ | $0.95(0.839,1.107)$ |
| TNDS | $1.312(1.131,1.506)$ | $1.179(1.022,1.348)$ | $0.613(0.569,0.667)$ | $0.575(0.52,0.618)$ | $0.776(0.723,0.843)$ | $0.765(0.665,0.82)$ |
| TNMS | $1.013(0.909,1.196)$ | $0.946(0.845,1.097)$ | $0.774(0.687,0.907)$ | $0.769(0.694,0.845)$ | $0.937(0.835,1.112)$ | $0.951(0.879,1.077)$ |
| TXGC | $0.324(0.291,0.35)$ | $0.336(0.311,0.356)$ | $0.415(0.392,0.433)$ | $0.414(0.389,0.429)$ | $0.354(0.334,0.377)$ | $0.363(0.34,0.384)$ |
| TXSA | $0.405(0.359,0.446)$ | $0.396(0.366,0.438)$ | $0.422(0.402,0.454)$ | $0.416(0.39,0.449)$ | $0.383(0.351,0.418)$ | $0.389(0.371,0.422)$ |
| TXSB | $0.348(0.328,0.373)$ | $0.325(0.302,0.355)$ | $0.33(0.313,0.355)$ | $0.331(0.319,0.356)$ | $0.352(0.338,0.382)$ | $0.34(0.318,0.369)$ |
| UTOP | $0.421(0.376,0.468)$ | $0.406(0.325,0.457)$ | $0.483(0.433,0.537)$ | $0.443(0.372,0.497)$ | $0.526(0.479,0.553)$ | $0.516(0.472,0.583)$ |
| VATB | $0.595(0.562,0.652)$ | $0.507(0.456,0.54)$ | $0.33(0.307,0.365)$ | $0.322(0.308,0.336)$ | $0.369(0.34,0.405)$ | $0.372(0.322,0.393)$ |
| WALC | $0.605(0.557,0.651)$ | $0.608(0.548,0.669)$ | $0.42(0.379,0.455)$ | $0.391(0.348,0.426)$ | $0.431(0.408,0.452)$ | $0.443(0.403,0.48)$ |
| WIDN | $0.478(0.382,0.542)$ | $0.528(0.48,0.567)$ | $0.684(0.634,0.721)$ | $0.697(0.649,0.755)$ | $0.689(0.625,0.733)$ | $0.694(0.586,0.804)$ |
| WIUW | $0.528(0.453,0.595)$ | $0.563(0.507,0.622)$ | $0.651(0.589,0.708)$ | $0.641(0.594,0.706)$ | $0.627(0.568,0.712)$ | $0.614(0.57,0.672)$ |

Table 3. Transplant counts by DSA

| TX_OPO | Current | Board.Approved | Acuity $\mathbf{2 5 0 . 5 0 0}$ | Acuity. $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | 104.9 (98.3,114.3) | $102.4(93.7,114)$ | $81.7(75,87.7)$ | 80.4 (73.3,84.3) | $93.9(83,102.7)$ | 91 (83.7,98.7) |
| AROR | 37.4 (33.7,42.7) | 36.1 (30.3,38.7) | 30.7 (27.3,33.7) | 31.3 (24.7,35) | 33 (27,38.7) | 32.7 (24.3,36.3) |
| AZOB | $118.9(107.7,126)$ | $121.9(114,128.3)$ | $124.8(120,129.7)$ | $122.8(115.7,126.7)$ | 148.2 (140.7,155.7) | 149 (143,155.7) |
| CADN | 311.3 (293.7,318.7) | $311.7(299,323)$ | 316.4 (301,330.7) | 329.4 (314.7,344) | 303.4 (292.3,317) | 304.6 (294.3,318) |
| CAOP | 418.9 (403.3,432) | $416.7(403.3,426.7)$ | $423.7(411.3,439)$ | 428 (418.3,438.7) | $402.4(389,413.7)$ | 401.3 (386.7,416.3) |
| CASD | 78.5 (73.3,85) | 79.2 (75.7,83.3) | 82.6 (76,90.7) | 85.2 (79.7,92) | 78.4 (70.7,83.3) | 80.7 (75.7,90.7) |
| CORS | 138.7 (127.3,147.7) | 139.3 (128,145) | 133.9 (124.3,145.3) | $129.4(123,140)$ | $128.7(121.3,136)$ | 129 (115.7,138.3) |
| CTOP | 14.6 (11,18) | 14.3 (11,19) | 15.1 (11.7,18.7) | 16.3 (11.3,20.3) | 14.4 (11.3,18.7) | 14.1 (9.3,19.3) |
| DCTC | 86.3 (79.7,95.3) | $85.7(75.3,96)$ | 92.2 (85.3,102) | $91.9(86,101)$ | $87.5(81,94)$ | 86.9 (81.7,91.7) |
| FLFH | 53.4 (48.3,58.7) | 54.6 (50.7,60) | $47.3(43,55)$ | 45.2 (40.3,55) | 50.3 (44.7,57) | $48.6(43,57)$ |
| FLMP | 172.9 (166,181.3) | 176.8 (169.3,189.3) | 153 (147.3,165) | $148.7(142,156.7)$ | $155.7(151,164.7)$ | $156.2(147.7,166)$ |
| FLUF | $167.3(161,181)$ | 172.9 (165.3,179.7) | 163.6 (155.3,180) | 160.1 (149.7,173) | 172.7 (162.3,186.7) | 172.5 (166.7,187.7) |
| FLWC | 65.8 (61.3,71.7) | $61.6(56.7,67.7)$ | $44.2(40.7,49)$ | $42.5(35,48)$ | 48.2 (45.7,51.7) | 47.9 (44.3,54) |
| GALL | 261.3 (251.7,270.3) | 265.6 (249.7,275.3) | 230 (217.7,241.3) | $221.9(210.3,232)$ | 255 (240.7,266) | 254.6 (242.3,270.7) |
| HIOP | 11.8 (9.7,14.7) | 12.4 (8,16.7) | 11.8 (9.7,14.3) | 10.5 (8.3,13) | 11.3 (8.3,14.3) | 11.5 (8.3,14) |
| IAOP | 26.6 (23.3,32) | 23.9 (19,26.7) | 22.5 (17.3,28.3) | $22.5(20,27)$ | 21.1 (17.7,27.7) | 21.2 (17.7,25) |
| ILIP | 225.6 (215.3,235.7) | $238.9(231,251.7)$ | 253 (240.3,271) | 253.5 (245.3,270) | $254.3(244.3,266)$ | 255.3 (250.7,261) |
| INOP | 114.5 (108,118.3) | $100(89,110)$ | 87.9 (78.3,95) | 86.6 (78.3,92.3) | 97.5 (84.7,102.3) | 94.5 (87,100) |
| KYDA | 92.1 (82.3,100) | 87 (81,95.7) | $67.9(63.7,71)$ | 66.6 (59.3,72.7) | 81.2 (77.7,84.3) | $81.4(77.3,85)$ |
| LAOP | 197.3 (190.7,202) | 198.1 (188.7,204.3) | $161.4(152.7,169.7)$ | $159.5(152,171)$ | $169.1(159,178)$ | 169.6 (164,178.3) |
| MAOB | 210.9 (204,220.7) | 222.5 (215.7,230.7) | $271.7(263.3,283.7)$ | 276.9 (266.3,286.3) | 240 (229,253) | 242.9 (230.7,253) |
| MDPC | 189.6 (181.7,199.7) | 195.3 (183.3,209.3) | 226.5 (215.7,239) | 229.7 (215.7,242.7) | $209.4(198,224)$ | $210.7(199,224.7)$ |
| MIOP | $176.9(166,186)$ | 156.9 (143.3,165.7) | $136(121,147)$ | 133.3 (121.7,140.7) | 145.5 (137.7,153.7) | 142.1 (131.7,151) |
| MNOP | $150.1(140,162)$ | 158 (147.7,164.7) | $191.5(186,199)$ | $190.5(185,197.7)$ | $161.4(155.7,169)$ | 166.6 (160.3,174.3) |
| MOMA | 125.1 (115.7,131.7) | 126.1 (120.7,131.3) | 118.3 (110.7,129.3) | 113.6 (105,123.3) | 129.9 (122.7,145.3) | 130.8 (121.3,144) |
| MSOP | 25.5 (23.3,29) | $24.7(21.7,30)$ | 19.5 (15.3,24.3) | 18.4 (16.7,23) | 19.1 (16.3,22.7) | 19.8 (17.7,24.3) |
| MWOB | $111.5(100.7,120)$ | 107.7 (98,118.3) | 85 (80.7,95.7) | 86 (79.3,96) | 110.6 (99.7,123) | 109.3 (102.7,121.3) |
| NCCM | 63 (58.7,68.3) | $60.8(54.7,67)$ | 47.6 (36.7,54.7) | $48(42.3,55.7)$ | $62.7(57,69.3)$ | 60.5 (54.7,66) |
| NCNC | 106.8 (99.3,112.3) | 104.3 (96.7,110.7) | 86.9 (78.7,96.3) | $88.7(79,98)$ | $102.4(94,112.3)$ | $99(92,107)$ |
| NEOR | 64.6 (54.7,70.7) | 66.4 (62.3,69) | 67.2 (62.3,73.3) | 68.4 (64.3,72.7) | $76.9(69.3,82.7)$ | 75.5 (69.7,81) |
| NJTO | 61.5 (56.3,66.7) | $53.7(49,58.3)$ | 51.7 (43.3,57.3) | 53.3 (46.3,60.7) | $46.2(39,49.7)$ | 46.9 (40,51.7) |
| NYFL | 31.8 (26,37.3) | 32.6 (27.7,36.7) | 43.9 (37.7,51.3) | 44.4 (38.7,51) | 39.5 (35.3,43) | 40.6 (34,46.7) |
| NYRT | 278.7 (267.7,290.7) | 330.4 (321,338.7) | 404.2 (396.3,416.3) | 413.1 (403.3,425.3) | 367.1 (352.3,385.7) | 366 (350.7,380.3) |
| OHLB | 130.1 (120,140.7) | 120.4 (109.3,129.3) | 114.3 (105.7,123.3) | 115.7 (103.7,123.7) | 121.3 (113.3,129.3) | 119.6 (112.7,130) |
| OHLP | 36.8 (34.7,42) | $31.7(29.3,36)$ | 27.8 (25.3,31.3) | 27.8 (24.3,32) | $31(26.7,37)$ | 29.9 (25.3,35) |

Table 3. Transplant counts by DSA

| TX_OPO | Current | Board.Approved | Acuity.250.500 | Acuity.300.600 | Broader.2.Circle.MELD.35 | Broader.2.Circle.MELD.32 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| OHOV | $93.9(87.7,103.7)$ | $89.6(83.3,92.7)$ | $91.6(82.7,96)$ | $90.8(84,96.7)$ | $100.7(92.7,105)$ | $98.8(93.7,105.3)$ |
| OKOP | $63.5(60,67.7)$ | $62.4(57.3,68.7)$ | $65(57,71.7)$ | $61.7(52.7,68)$ | $89.9(82,97.3)$ | $86.2(80.7,96)$ |
| ORUO | $63.6(58,69.3)$ | $62.7(60,68)$ | $46(40.7,50.7)$ | $43.8(35.7,52)$ | $48.8(43.7,53.7)$ | $47.6(41.7,52.7)$ |
| PADV | $336.4(316,353.3)$ | $316.3(300,328.3)$ | $339.1(325.3,348)$ | $341.3(325,351.7)$ | $308.3(297.3,317.7)$ | $310.1(301.7,321)$ |
| PATF | $168.6(157,178.7)$ | $168.8(158.3,181)$ | $176.7(169.3,186.3)$ | $179.5(171,187.7)$ | $178.8(165.7,188.3)$ | $179.7(167,189.7)$ |
| PRLL | $35.2(30.3,40.3)$ | $34.5(30,38)$ | $35(31.3,39.3)$ | $35.2(31,40.7)$ | $34.8(32,40)$ | $35.4(31.3,39.3)$ |
| SCOP | $70.4(63.3,76.3)$ | $67(62,73.3)$ | $53.4(47.3,57.7)$ | $52(47,58)$ | $58.5(53.7,64)$ | $60.5(54,65.7)$ |
| TNDS | $152.3(143.7,161.3)$ | $145.7(139.7,156.7)$ | $108.1(104.3,115)$ | $103.5(97.7,114)$ | $120.6(113.7,134.3)$ | $120(111.7,126.3)$ |
| TNMS | $95.6(88.3,108)$ | $92.6(86.7,101)$ | $85.2(78.7,95)$ | $84.7(75.3,92)$ | $91.9(84.3,102.3)$ | $92.4(87.7,100.7)$ |
| TXGC | $305.4(280.3,318.7)$ | $317(298,338.3)$ | $371.7(357.3,379.7)$ | $372.4(356.3,384.3)$ | $327.8(315,338)$ | $335(318.7,345.3)$ |
| TXSA | $115.3(105,125.3)$ | $114.3(108.7,121.3)$ | $120.8(112.3,127.7)$ | $119.4(111,127.3)$ | $110.6(102.3,119)$ | $111.7(103.3,118)$ |
| TXSB | $207.6(200.7,216.3)$ | $199(189.7,210.3)$ | $201.7(193,209.7)$ | $202.9(196.3,210.3)$ | $209.9(204.3,219.3)$ | $204.4(196.3,212.7)$ |
| UTOP | $81(74.7,87.3)$ | $79.1(66.3,86.7)$ | $88.4(77,95.3)$ | $84.2(75.7,91.3)$ | $92.5(84,98.7)$ | $91.6(83,97.3)$ |
| VATB | $110.8(103.7,117.3)$ | $101.2(93,112.3)$ | $76.4(71.7,84.3)$ | $75.2(70.7,81.3)$ | $81.6(74.7,89.3)$ | $82.4(72.3,93)$ |
| WALC | $134.5(126,142.7)$ | $135.4(127,145)$ | $105.5(98.3,112)$ | $101.2(91,107.7)$ | $107.6(103.3,118.7)$ | $109.6(102.7,115.3)$ |
| WIDN | $78.7(66.3,86.3)$ | $84.4(76.7,88.7)$ | $100(92,106.3)$ | $102(95.3,106.7)$ | $98.2(88,105.7)$ | $99.5(92.7,108.7)$ |
| WIUW | $77.6(71.7,86.7)$ | $82.7(75.3,92)$ | $92.9(82.3,108)$ | $92.8(85.7,108.3)$ | $89.5(81.7,101.3)$ | $88.1(83.7,97)$ |

Table 4. Waitlist mortality rates by DSA

| TX_OPO | Current | Board.Approved | Acuity $\mathbf{2 5 0 . 5 0 0}$ | Acuity $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | 0.164 (0.139,0.188) | 0.149 (0.136,0.169) | 0.134 (0.116,0.158) | 0.133 (0.116,0.15) | 0.156 (0.132,0.191) | 0.152 (0.134,0.166) |
| AROR | 0.16 (0.113,0.261) | 0.118 (0.048,0.151) | 0.082 (0.038,0.113) | 0.083 (0.05,0.137) | 0.149 (0.1,0.199) | 0.133 (0.105,0.165) |
| AZOB | 0.087 (0.076,0.101) | 0.085 (0.073,0.092) | 0.09 (0.081,0.101) | 0.088 (0.076,0.099) | 0.089 (0.074,0.098) | 0.088 (0.08,0.093) |
| CADN | 0.08 (0.075,0.084) | 0.078 (0.074,0.084) | 0.082 (0.076,0.088) | $0.081(0.076,0.085)$ | 0.083 (0.08,0.088) | 0.083 (0.078,0.086) |
| CAOP | 0.111 (0.105,0.118) | 0.105 (0.097,0.11) | 0.111 (0.104,0.119) | 0.109 (0.099,0.115) | 0.116 (0.105,0.123) | 0.117 (0.108,0.127) |
| CASD | $0.084(0.07,0.097)$ | 0.079 (0.065,0.093) | 0.085 (0.071,0.102) | $0.084(0.07,0.091)$ | 0.09 (0.081,0.102) | 0.089 (0.078,0.097) |
| CORS | 0.083 (0.077,0.09) | 0.082 (0.073,0.088) | 0.082 (0.074,0.091) | 0.078 (0.069,0.084) | 0.082 (0.076,0.09) | $0.084(0.078,0.092)$ |
| CTOP | 0.189 (0.132,0.249) | 0.172 (0.106,0.205) | 0.162 (0.107,0.201) | 0.147 (0.09,0.174) | 0.162 (0.101,0.212) | 0.156 (0.093,0.204) |
| DCTC | 0.081 (0.062,0.094) | 0.078 (0.055,0.089) | 0.068 (0.05,0.084) | 0.068 (0.052,0.08) | 0.079 (0.056,0.096) | 0.075 (0.049,0.097) |
| FLFH | 0.097 (0.059,0.156) | 0.082 (0.037,0.139) | $0.064(0.033,0.126)$ | 0.078 (0.057,0.117) | 0.08 (0.048,0.106) | 0.101 (0.059,0.134) |
| FLMP | 0.106 (0.077,0.131) | 0.096 (0.074,0.111) | 0.099 (0.073,0.117) | $0.094(0.073,0.11)$ | $0.108(0.078,0.124)$ | 0.108 (0.079,0.129) |
| FLUF | $0.081(0.073,0.087)$ | 0.075 (0.064,0.091) | 0.074 (0.059,0.089) | $0.071(0.06,0.085)$ | 0.085 (0.074,0.099) | 0.082 (0.062,0.101) |
| FLWC | 0.105 (0.067,0.126) | $0.107(0.068,0.126)$ | 0.083 (0.043,0.1) | 0.087 (0.058,0.104) | 0.092 (0.058,0.117) | 0.093 (0.064,0.109) |
| GALL | $0.101(0.087,0.111)$ | 0.096 (0.087,0.11) | 0.086 (0.073,0.103) | 0.088 (0.078,0.098) | 0.099 (0.083,0.111) | 0.098 (0.087,0.112) |
| HIOP | 0.086 (0.048,0.132) | 0.087 (0.064,0.107) | 0.085 (0.051,0.132) | 0.094 (0.041,0.135) | 0.098 (0.06,0.159) | 0.083 (0.034,0.134) |
| IAOP | 0.099 (0.061,0.167) | 0.091 (0.044,0.149) | 0.07 (0.032,0.108) | 0.065 (0.032,0.121) | 0.087 (0.033,0.132) | 0.082 (0.03,0.13) |
| ILIP | 0.096 (0.079,0.108) | $0.084(0.072,0.091)$ | 0.069 (0.055,0.083) | 0.069 (0.055,0.088) | 0.076 (0.07,0.09) | 0.078 (0.071,0.094) |
| INOP | 0.106 (0.09,0.122) | 0.094 (0.061,0.108) | 0.083 (0.064,0.098) | 0.083 (0.066,0.094) | 0.093 (0.079,0.113) | 0.091 (0.077,0.11) |
| KYDA | 0.126 (0.109,0.149) | 0.119 (0.094,0.148) | 0.114 (0.098,0.135) | 0.117 (0.1,0.157) | 0.122 (0.105,0.147) | 0.122 (0.096,0.146) |
| LAOP | 0.106 (0.094,0.116) | 0.098 (0.084,0.124) | 0.09 (0.079,0.107) | 0.087 (0.08,0.099) | 0.109 (0.094,0.125) | 0.108 (0.095,0.125) |
| MAOB | 0.107 (0.101,0.112) | 0.097 (0.09,0.102) | 0.091 (0.085,0.099) | 0.088 (0.081,0.093) | 0.099 (0.095,0.106) | 0.096 (0.093,0.1) |
| MDPC | 0.113 (0.106,0.124) | 0.108 (0.1,0.117) | 0.095 (0.088,0.102) | $0.094(0.09,0.108)$ | 0.105 (0.099,0.113) | $0.104(0.096,0.112)$ |
| MIOP | 0.101 (0.091,0.109) | 0.1 (0.088,0.117) | 0.098 (0.088,0.11) | 0.096 (0.088,0.113) | 0.101 (0.094,0.11) | 0.105 (0.092,0.124) |
| MNOP | $0.102(0.093,0.111)$ | 0.098 (0.09,0.106) | 0.089 (0.08,0.098) | 0.088 (0.078,0.101) | 0.103 (0.095,0.111) | 0.102 (0.092,0.107) |
| MOMA | 0.106 (0.094,0.126) | 0.1 (0.085,0.119) | 0.087 (0.072,0.11) | 0.088 (0.076,0.101) | 0.097 (0.083,0.116) | 0.096 (0.079,0.117) |
| MSOP | 0.098 (0.021,0.173) | 0.12 (0.018,0.276) | $0.064(0.014,0.127)$ | 0.064 (0.014,0.108) | 0.099 (0.046,0.232) | 0.1 (0.045,0.164) |
| MWOB | $0.082(0.065,0.101)$ | 0.073 (0.043,0.092) | $0.062(0.052,0.07)$ | 0.059 (0.047,0.075) | 0.077 (0.06,0.096) | 0.071 (0.056,0.086) |
| NCCM | 0.06 (0.043,0.085) | 0.057 (0.039,0.084) | 0.05 (0.033,0.065) | 0.046 (0.027,0.065) | 0.058 (0.042,0.088) | 0.059 (0.031,0.102) |
| NCNC | 0.119 (0.087,0.143) | $0.114(0.086,0.137)$ | 0.101 (0.087,0.131) | 0.097 (0.082,0.128) | 0.119 (0.087,0.145) | 0.106 (0.087,0.126) |
| NEOR | 0.117 (0.1,0.148) | 0.11 (0.085,0.129) | $0.104(0.096,0.12)$ | 0.104 (0.092,0.113) | 0.12 (0.099,0.142) | 0.114 (0.096,0.137) |
| NJTO | 0.099 (0.081,0.11) | 0.09 (0.079,0.114) | 0.082 (0.07,0.097) | $0.081(0.067,0.109)$ | 0.09 (0.072,0.119) | 0.088 (0.072,0.103) |
| NYFL | 0.2 (0.186,0.215) | 0.192 (0.156,0.206) | $0.134(0.115,0.149)$ | 0.132 (0.105,0.153) | 0.171 (0.146,0.202) | 0.163 (0.147,0.187) |
| NYRT | 0.096 (0.087,0.103) | 0.083 (0.075,0.09) | 0.08 (0.073,0.088) | 0.078 (0.072,0.082) | 0.085 (0.076,0.092) | 0.086 (0.081,0.091) |
| OHLB | 0.097 (0.085,0.11) | 0.093 (0.08,0.105) | 0.087 (0.081,0.094) | 0.085 (0.072,0.098) | 0.098 (0.092,0.108) | 0.097 (0.079,0.113) |
| OHLP | 0.056 (0.032,0.088) | 0.057 (0.039,0.09) | 0.052 (0.027,0.096) | 0.044 (0.031,0.072) | 0.055 (0.036,0.08) | 0.052 (0.039,0.08) |

## Table 4. Waitlist mortality rates by DSA

| TX_OPO | Current | Board.Approved | Acuity $\mathbf{2 5 0 . 5 0 0}$ | Acuity. $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OHOV | 0.08 (0.069,0.089) | 0.074 (0.057,0.097) | 0.062 (0.039,0.075) | 0.057 (0.039,0.069) | 0.069 (0.06,0.09) | 0.065 (0.042,0.076) |
| OKOP | 0.063 (0.052,0.076) | 0.054 (0.042,0.069) | 0.054 (0.04,0.061) | 0.053 (0.045,0.06) | 0.056 (0.04,0.076) | $0.053(0.045,0.066)$ |
| ORUO | 0.095 (0.073,0.124) | 0.092 (0.076,0.105) | $0.093(0.076,0.121)$ | 0.093 (0.066,0.108) | 0.096 (0.082,0.113) | 0.098 (0.085,0.115) |
| PADV | 0.086 (0.079,0.098) | 0.081 (0.076,0.088) | 0.076 (0.072,0.086) | 0.073 (0.069,0.08) | 0.08 (0.075,0.084) | 0.081 (0.074,0.085) |
| PATF | 0.102 (0.093,0.11) | 0.102 (0.09,0.109) | $0.094(0.084,0.106)$ | 0.09 (0.085,0.095) | 0.098 (0.084,0.111) | 0.097 (0.09,0.115) |
| PRLL | 0.229 (0.148,0.31) | 0.228 (0.143,0.347) | 0.289 (0.153,0.367) | 0.28 (0.157,0.401) | 0.295 (0.147,0.366) | 0.274 (0.1,0.408) |
| SCOP | 0.215 (0.186,0.276) | 0.19 (0.165,0.212) | 0.16 (0.097,0.221) | 0.151 (0.105,0.179) | 0.198 (0.161,0.253) | 0.189 (0.146,0.233) |
| TNDS | 0.074 (0.057,0.093) | 0.077 (0.058,0.085) | 0.062 (0.049,0.071) | 0.057 (0.046,0.068) | 0.074 (0.06,0.096) | 0.066 (0.046,0.086) |
| TNMS | 0.089 (0.056,0.124) | 0.078 (0.066,0.102) | 0.068 (0.043,0.098) | 0.065 (0.047,0.088) | $0.084(0.058,0.111)$ | 0.082 (0.07,0.102) |
| TXGC | $0.083(0.076,0.092)$ | 0.079 (0.072,0.089) | 0.078 (0.073,0.087) | 0.075 (0.068,0.081) | 0.085 (0.077,0.094) | 0.083 (0.079,0.088) |
| TXSA | 0.106 (0.097,0.114) | 0.099 (0.088,0.107) | 0.097 (0.084,0.109) | 0.095 (0.085,0.106) | 0.109 (0.101,0.12) | 0.109 (0.097,0.116) |
| TXSB | 0.078 (0.072,0.084) | 0.077 (0.071,0.086) | 0.074 (0.067,0.081) | 0.072 (0.066,0.078) | 0.08 (0.072,0.09) | 0.079 (0.073,0.085) |
| UTOP | 0.068 (0.057,0.081) | 0.067 (0.052,0.082) | 0.07 (0.054,0.087) | 0.063 (0.047,0.078) | 0.074 (0.055,0.091) | 0.072 (0.054,0.097) |
| VATB | 0.12 (0.095,0.141) | 0.115 (0.096,0.132) | 0.104 (0.09,0.117) | 0.105 (0.092,0.12) | 0.12 (0.11,0.141) | 0.118 (0.103,0.142) |
| WALC | 0.082 (0.065,0.101) | 0.082 (0.068,0.092) | 0.088 (0.067,0.104) | 0.082 (0.065,0.098) | 0.088 (0.074,0.102) | 0.086 (0.075,0.098) |
| WIDN | 0.089 (0.063,0.112) | 0.086 (0.069,0.104) | 0.076 (0.061,0.104) | 0.07 (0.056,0.088) | 0.087 (0.073,0.096) | $0.083(0.067,0.103)$ |
| WIUW | 0.162 (0.145,0.173) | 0.143 (0.122,0.159) | 0.128 (0.117,0.139) | 0.127 (0.1,0.145) | 0.145 (0.128,0.162) | $0.151(0.137,0.167)$ |

Table 5. Waitlist mortality counts by DSA

| TX_OPO | Current | Board.Approved | Acuity. 250.500 | Acuity. $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.M | r.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | $20(17.3,23)$ | 19.1 (16.3,24.3) | 20.5 (17,24.7) | 20.6 (17.7,24) | 21.3 (17.7,26) | 21.1 (18.3,24.7) |
| AROR | $4(3,5.7)$ | 3.1 (1.3,4.7) | 2.9 (1.3,4.3) | 2.9 (2,4.7) | 4.5 (2.7,6) | 4.1 (3,5) |
| AZOB | 29.5 (25.7,33) | 28.8 (24.3,32.3) | 29.8 (26.7,35.3) | 29.6 (25.3,32.7) | $27.2(22,30)$ | $27(25.3,28)$ |
| CADN | 108.3 (102,113) | $105.4(100,112)$ | $109.2(100,116)$ | 108.2 (100,114) | $112.3(108,120.7)$ | 111.8 (105.3,118.7) |
| CAOP | 121.7 (114.7,128.3) | 116.9 (107.7,125.3) | $121.2(114.3,130.3)$ | 118.9 (108,128.3) | 128.1 (118.3,133.7) | 129.6 (122.3,139) |
| CASD | 16.1 (13.3,18.7) | 15.4 (13.3,18) | 16 (13.7,19.3) | 15.6 (13,17) | 17 (15.7,19) | 16.8 (15.3,18.3) |
| CORS | 46.2 (43.3,50.3) | 45.3 (40.3,49.3) | $45.9(41,50.3)$ | $44.2(39,47.7)$ | $46.5(43,49.3)$ | 47 (43.7,52.3) |
| CTOP | 5.8 (4.7,7) | 5.6 (3.7,6.3) | 5.2 (4,7) | 4.6 (3,6) | 5.2 (3.7,6) | 5.2 (3.3,7) |
| DCTC | $18(14,21)$ | 17.4 (12.7,20.3) | 15.1 (11.3,18.3) | $15.2(11.7,17.7)$ | 17.7 (12.7,21.3) | 16.9 (11.3,21.7) |
| FLFH | $4.7(3,7.3)$ | $4(2,6.3)$ | 3.7 (2,7.3) | $4.7(3.7,6.7)$ | $4.2(3,5.3)$ | 5.4 (3.3,7) |
| FLMP | 20.6 (15.7,24.3) | 18.5 (14.3,20.7) | 21.3 (16,23.7) | $20.7(17,23)$ | 22.6 (16.3,25.7) | 22.8 (17.7,27) |
| FLUF | $17.4(16,19.7)$ | 15.7 (14,18.7) | 16.4 (13.3,19.3) | 16.2 (14.3,19.3) | 17.5 (14.7,19.3) | 16.8 (13.7,19) |
| FLWC | 5.4 (3.3,7) | 6.1 (4,7.3) | 6.5 (3.7,8) | 6.9 (4.7,8.7) | 6.7 (3.7,9.3) | 6.9 (4.7,8.3) |
| GALL | 28.3 (25,31.3) | 26.3 (23.3,28.7) | 27.5 (24.3,31.7) | 29.1 (26.7,31.7) | $27.8(25,30)$ | $27.9(25,31.3)$ |
| HIOP | 3.3 (1.7,4.7) | 3.3 (2.3,4.3) | $3.2(1.7,5)$ | 3.6 (1.7,5.3) | 3.8 (2.3,6) | 3.2 (1.3,4.7) |
| IAOP | 3.3 (2,5) | 3.3 (1.7,5.3) | 2.8 (1.3,4.7) | $2.7(1.3,5)$ | 3.5 (1.3,5.7) | 3.3 (1.3,5.3) |
| ILIP | 36.1 (30,41) | $31(26.7,32.3)$ | 25.3 (19.7,29.3) | $25.5(20,31)$ | 27.3 (24.3,31) | 28 (24.7,32.7) |
| INOP | 11.2 (10.3,14.3) | 11.8 (7.3,13.7) | 11.8 (9.3,14.7) | 11.9 (9.7,13.7) | $12(10,14.7)$ | $12.1(10,14.7)$ |
| KYDA | 20.6 (18.3,24) | 20.1 (15.7,25.3) | 22.1 (18.7,25.7) | $22.7(19,29.7)$ | $21.2(18.7,25)$ | $21.3(18,24.7)$ |
| LAOP | 24.1 (21.3,27.7) | 22.2 (19.3,25.3) | $24.4(20.7,28.7)$ | $24(21.3,27)$ | 27.5 (22.7,31) | 27.2 (23.7,32.7) |
| MAOB | $88.4(83.3,93)$ | $80.1(74,88)$ | $71.1(66.3,78)$ | $68.4(62.7,73)$ | 79.6 (75.3,84.7) | $77.6(75.3,80)$ |
| MDPC | 83.4 (75.7,87.7) | $79.4(70,83.3)$ | 67.6 (63.3,70.3) | $67.1(63,74.3)$ | $76.2(70.3,80)$ | $74.8(67,77.7)$ |
| MIOP | $37.7(33,41)$ | $39.5(34,44)$ | 41.5 (38.3,44.3) | $40.9(37,46)$ | $41.4(38.7,44)$ | 43 (37.7,48.7) |
| MNOP | $51.2(46.3,56.3)$ | $48.8(45,54.7)$ | 41.5 (37.7,46.3) | $41.2(37,47)$ | $50.8(46,55)$ | $49.5(45,52.7)$ |
| MOMA | $24.8(22,29.7)$ | 23.7 (19.7,28.3) | $21.8(18,27.7)$ | 22.3 (19,25) | 22.6 (18.7,26) | 22.3 (18.7,27) |
| MSOP | $1.5(0.3,3)$ | 1.8 (0.3,3.3) | $1.4(0.3,2.7)$ | 1.4 (0.3,2) | 1.9 (1,3.7) | $2(1,3.7)$ |
| MWOB | $10(8,12.3)$ | 9.3 (5.3,12) | $9.7(8,11.7)$ | 9.5 (7.3,11.3) | $9.4(7,12.7)$ | $9(7.3,10.7)$ |
| NCCM | 5.5 (4,7.3) | 5.4 (3.7,8.7) | 5.7 (3.7,7.7) | 5.2 (3,7.7) | 5.4 (4,8.3) | 5.6 (3,10) |
| NCNC | 16.9 (12,22.3) | 16.7 (12.3,20.7) | 17.2 (14.3,22.3) | 16.3 (13.3,22.3) | $17.2(13.7,21)$ | 16.1 (11.7,19.7) |
| NEOR | 21.9 (19.3,27.7) | 20.5 (17.3,22.7) | 19.5 (18.3,21.7) | 19.5 (17.3,20.7) | 20.7 (18.3,23) | 20.1 (18,23.3) |
| NJTO | 11 (8.3,12.7) | $11(9,14.3)$ | 10.5 (8.3,12.7) | $10.2(8,13.7)$ | 11.8 (9.3,16) | 11.6 (9.3,14) |
| NYFL | 12.2 (10.7,13.7) | 11.6 (9.3,12.7) | 7.3 (6.3,8) | 7.2 (5.3,8.3) | 9.6 (8,11.7) | $9(8,10.3)$ |
| NYRT | $105.4(98,113)$ | 89.3 (82.7,93.7) | $79.7(73,87)$ | 77.1 (71,81.7) | 87.3 (80.3,94.3) | 88.3 (84.7,92.3) |
| OHLB | $22.1(20,24.3)$ | $22.3(20,24.3)$ | $21.9(20,23.7)$ | $21.3(18,24.3)$ | $23.3(21.3,26)$ | 23.3 (18.7,26.3) |
| OHLP | $2.7(1.7,4)$ | $3.2(2,5.3)$ | 3.1 (1.7,5.3) | 2.6 (2,4) | $3(2,4)$ | 2.9 (2.3,4.3) |

Table 5. Waitlist mortality counts by DSA

| TX_OPO | Current | Board.Approved | Acuity.250.500 | Acuity.300.600 | Broader.2.Circle.MELD.35 Broader.2.Circle.MELD.32 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| OHOV | $13(11,14.3)$ | $12.5(9.3,16.7)$ | $10.6(6.3,12.3)$ | $9.8(7,12)$ | $10.8(9,14.3)$ | $10.4(6.3,12.3)$ |
| OKOP | $11.8(9.3,15)$ | $10.3(8,13.3)$ | $10.2(7.7,11.7)$ | $10.3(8.3,11.3)$ | $8.7(6.3,11.3)$ | $8.6(7.3,10.7)$ |
| ORUO | $12.8(9.3,16.3)$ | $12.5(9.7,15)$ | $14.6(12.3,18.3)$ | $14.9(10.7,17.3)$ | $14.4(11.7,17)$ | $14.9(12.3,17)$ |
| PADV | $54.7(51,61)$ | $53.4(50.3,59.3)$ | $49(46.7,56)$ | $46.9(44.3,51.7)$ | $53.7(50,57.3)$ | $54.3(48.7,57)$ |
| PATF | $42.6(38,46)$ | $43(39,46)$ | $39(35,44.3)$ | $37.2(34.7,39)$ | $40.3(34.3,45.7)$ | $39.9(36.3,47.3)$ |
| PRLL | $5.2(4,6.3)$ | $5.3(4.3,6)$ | $6.3(4.3,7.7)$ | $6(5,7.3)$ | $6.1(4.3,6.7)$ | $5.8(2.7,7)$ |
| SCOP | $10.9(8.3,13.3)$ | $10.6(8.7,13)$ | $11.9(6.7,16)$ | $11.6(7.7,14.3)$ | $12.8(9.3,16.3)$ | $12.1(8.3,16.7)$ |
| TNDS | $8.7(7,11)$ | $9.5(7,11)$ | $10.9(8,13)$ | $10.4(7.7,12.3)$ | $11.6(9,15.3)$ | $10.4(7,13.7)$ |
| TNMS | $8.5(5,12.3)$ | $7.7(6.3,10.3)$ | $7.5(4.7,10.7)$ | $7.2(5.3,9.7)$ | $8.2(6,10.7)$ | $8(6.7,10.3)$ |
| TXGC | $78.4(71,85.7)$ | $74.3(69.3,83)$ | $69.5(65.3,77)$ | $67.8(62.7,72.7)$ | $78.3(69.3,86)$ | $76.3(70.3,82.7)$ |
| TXSA | $30.2(25.7,33.3)$ | $28.6(24.3,31.7)$ | $27.9(23,32)$ | $27.2(23.3,31.3)$ | $31.6(28,35)$ | $31.2(29,33)$ |
| TXSB | $46.6(42,49.7)$ | $47.2(44,52.3)$ | $45(39.7,49.3)$ | $43.9(41.7,48.3)$ | $47.6(43.7,51.7)$ | $47.3(43,50.7)$ |
| UTOP | $13.2(9.7,16.3)$ | $13.2(10.7,16.3)$ | $12.8(9.3,16.3)$ | $12(8,15)$ | $13.1(9,16.7)$ | $12.8(10,17.3)$ |
| VATB | $22.4(17,25.7)$ | $22.9(19,25.7)$ | $24(20.3,27.3)$ | $24.6(21.3,27)$ | $26.7(23.3,31)$ | $26.2(22.3,30.7)$ |
| WALC | $18.3(14.7,21.3)$ | $18.3(14.7,21)$ | $22(17.3,24.7)$ | $21.4(16.3,25)$ | $21.9(18,25.7)$ | $21.4(18.3,24.7)$ |
| WIDN | $14.7(11,18.7)$ | $13.7(10,16)$ | $11.1(8.3,14.7)$ | $10.3(7.7,12.7)$ | $12.4(10.7,14)$ | $11.9(10,15)$ |
| WIUW | $24(20.3,28.7)$ | $21.1(17,27.3)$ | $18.3(15.7,20.3)$ | $18.4(14,22.3)$ | $20.8(17.3,23.7)$ | $21.8(18,26)$ |

Table 6. Percent of organs recovered within the DSA that were flown

| DON_OPO | Current | Board. Approved | Acuity $\mathbf{2 5 0 . 5 0 0}$ | Acuity $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | 53.7 (50.5,56.9) | 63.4 (58.4,67.2) | 88.6 (85.7,90.9) | 92.7 (90.8,94.7) | 77.2 (74.6,79.1) | 78.9 (74.2,84) |
| AROR | 74.1 (68.8,80.6) | $81.1(76.8,84.7)$ | 96.4 (94.2,99.4) | 96.1 (89.3,99.3) | $84.3(76.8,88)$ | 84.8 (80.2,90.7) |
| AZOB | 61.1 (57.4,63.9) | 56 (52.2,62.3) | 63.6 (61.2,66) | 69.1 (66.7,71.9) | 33 (29.6,36.2) | 32.1 (28.8,35.3) |
| CADN | 59.1 (56.2,60.9) | 58.7 (52.7,61.4) | 59 (57.8,60.5) | 64.1 (62.1,66.6) | 44.3 (40.2,47) | 44.6 (41.2,48.3) |
| CAGS | 75.1 (70.8,83.4) | 70.5 (62.7,77.1) | 63.9 (57.1,70.1) | $69.9(62.6,75)$ | $44.4(41,51.4)$ | 44.6 (39.1,49) |
| CAOP | 30.9 (28.2,32.7) | 30.5 (28.7,32.7) | 35.7 (32.6,38.5) | 35.4 (32.6,38.8) | 19.4 (16.9,21.4) | $20.1(18.5,21.8)$ |
| CASD | 47.2 (43.9,53) | 48.3 (44.8,53.4) | 55.7 (50.5,65.4) | 56.7 (51.7,61.4) | 45.7 (41.3,51.4) | 43.7 (39.4,47.8) |
| CORS | 31.8 (26.1,35.1) | 33.2 (27.5,39.9) | 46.7 (41.3,50.2) | 54.8 (49.8,60.4) | 25.1 (19.5,28.9) | 24.3 (19.6,27) |
| CTOP | 5.2 (2,10.5) | 18.7 (10.5,22.5) | 42.4 (33.3,48.6) | $44.4(36.1,52.4)$ | 38.4 (32.6,47.3) | 40.3 (31.1,46.2) |
| DCTC | 38.1 (33.8,42.4) | 44.3 (41.4,47.9) | 74.9 (70.1,78.9) | 73.6 (69.6,76.7) | 66.7 (61.6,70.6) | 71 (67.4,75.2) |
| FLFH | 54.7 (49.2,59.5) | 57.6 (52.8,61.9) | 75.2 (66.5,82.4) | 79.1 (73.9,82.5) | 67.4 (64.3,71.1) | 69 (64.8,72.5) |
| FLMP | 37.1 (33,40.6) | 39.3 (30.1,42.1) | 44.1 (40.9,47.2) | 56.5 (52.7,61.1) | $30(24.5,33.5)$ | 32 (27.3,36.4) |
| FLUF | 58.9 (55.9,64.4) | 62.7 (59.5,69.9) | 75.1 (72.6,78.3) | $77.5(74.7,80)$ | $61.3(58,64.8)$ | 63.6 (59.4,67.3) |
| FLWC | 70 (66.1,75.7) | 72 (69.8,74.5) | 81.8 (79.8,84.8) | 83.5 (81,84.7) | 73.7 (68.8,77.7) | 74.2 (70.9,78) |
| GALL | 48.3 (44.1,50.5) | 55 (52.8,57.3) | 78.6 (75.7,81) | 85.1 (83.6,87.1) | 59.1 (56.2,61.6) | 60.5 (57.9,62.8) |
| HIOP | 73.2 (65.2,83.1) | $74.5(67.6,83)$ | 67.3 (61.8,73.6) | 70.5 (64.2,79.7) | 66.1 (60,70.1) | 68.3 (63.7,71.9) |
| IAOP | 66.1 (58.1,75) | 78.4 (74.2,85.7) | 91.5 (84.5,96) | 92.8 (83.9,96.6) | 84.5 (78.2,88.5) | 86.3 (82.5,91.7) |
| ILIP | 40.6 (37.4,43.5) | 44.9 (42.6,46.6) | 67.3 (64.8,69.6) | 72 (69.7,73.7) | 56.2 (52.2,59.3) | 59 (55.5,61.3) |
| INOP | $52.9(50.2,56)$ | $65.9(60.7,69)$ | $87.7(86.7,90.2)$ | 89.6 (86.8,91.4) | 80.6 (77.8,84.7) | 82.3 (79.9,85.9) |
| KYDA | 53.8 (48,59.1) | 54.1 (50,56.9) | 86 (84.6,87.8) | 88.1 (84.1,90.1) | 65.7 (62.2,68.4) | 69.4 (66.9,73.8) |
| LAOP | 65 (62.7,67.4) | 66.8 (63,70) | $82.8(80,85.6)$ | 84.2 (80.7,86.6) | 63.2 (58.8,65.3) | 64.3 (61.2,67.7) |
| MAOB | 31.5 (27.7,35.3) | 34.6 (32.3,38.1) | $57.4(53.2,62.8)$ | 58.9 (55.4,62.1) | 49.2 (47.2,51) | 52.9 (48.8,55.9) |
| MDPC | 20.9 (17.9,23.8) | 29 (26.1,32.7) | 56.2 (52.5,61.4) | 58.1 (53.8,62.7) | $45.4(42.8,48.8)$ | 49.5 (46.7,51.3) |
| MIOP | 51.8 (47.8,55.2) | 56.7 (55.4,59.1) | 87.4 (83.6,89.4) | 88 (87,89.4) | $74(71.8,75.8)$ | 77.6 (76.1,80.4) |
| MNOP | 59.1 (57.2,63.2) | 56.8 (52.1,61) | 66.4 (64.4,68.3) | 69.3 (65.4,73.2) | $55.2(51.4,59.7)$ | 57.6 (53.6,61.3) |
| MOMA | 48.2 (44.6,50.4) | 51.8 (48.8,54.2) | 83.1 (78.4,86.8) | 84.4 (83.2,86.3) | 59.2 (55.4,63.7) | 63.9 (60.6,66.9) |
| MSOP | 75.4 (68.5,80.4) | 75.1 (71.3,80.1) | 89.9 (86.2,94.6) | 92.2 (86.3,97) | 73.6 (69.1,79.1) | 75.8 (72.3,79.5) |
| MWOB | 63.5 (62,65.6) | 66.9 (60.9,70.7) | 87.2 (84.5,90.5) | 89.5 (87.9,92.1) | 67.8 (64.4,71.2) | 69.5 (66.8,72.8) |
| NCCM | 53.3 (46.9,58) | 59.7 (54.4,66.3) | $94(91.1,96.6)$ | 94.7 (91.7,98.1) | 79 (73.8,82.4) | 81.9 (79.6,86.4) |
| NCNC | 50.5 (45.7,56.5) | 56.3 (54,60.8) | 88.6 (87,89.8) | 89.9 (87.3,92.9) | 72.5 (69.4,75.1) | 74.4 (71.9,76.9) |
| NEOR | 47.8 (42.8,55.4) | 53.1 (48.3,56.1) | 82.2 (78.2,86.4) | 85.4 (80.2,90.4) | $66.7(62,74.5)$ | $68.7(63.5,77)$ |
| NJTO | 43.1 (38.3,46.7) | 34.4 (31.3,38.4) | 47.6 (44.4,51) | 48 (41.9,50.9) | 40.1 (36,43.9) | 44 (37.4,48.2) |
| NMOP | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ |
| NVLV | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ | $100(100,100)$ |
| NYAP | 99.5 (98.2,100) | 98.7 (95.2,100) | $99.1(96.3,100)$ | 99.5 (98.2,100) | 99.5 (97.9,100) | 99.4 (98.4,100) |

Table 6. Percent of organs recovered within the DSA that were flown

| DON_OPO | Current | Board.Approved | Acuity.250.500 | Acuity.300.600 | Broader.2.Circle.MELD.35 Broader.2.Circle.MELD.32 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| NYFL | $58.7(52.8,66.7)$ | $52.2(43.8,59.4)$ | $89.2(84.5,93.8)$ | $89.5(84.7,93.2)$ | $72.9(67.5,78.6)$ | $84(76,89.7)$ |
| NYRT | $9.1(8,10)$ | $28.5(26.8,30.7)$ | $48.1(44.7,50.1)$ | $48.9(45.7,51.8)$ | $44.7(41.4,47.4)$ | $47.9(44.3,51.3)$ |
| NYWN | $88.6(82.9,90.9)$ | $80.5(74.2,86.5)$ | $91.6(87.5,94.4)$ | $89.9(84.3,94.4)$ | $74.7(69.6,79.8)$ | $80(75,85.9)$ |
| OHLB | $30.4(26.6,34.8)$ | $41.3(39.1,44.8)$ | $83(77.9,85.3)$ | $83.5(79.3,87.2)$ | $65(61.2,68.4)$ | $68.8(65.1,72.7)$ |
| OHLC | $55.5(47,70.1)$ | $52.6(45.8,58.6)$ | $84.1(80.4,87)$ | $84.8(78.2,87.8)$ | $55.2(47.1,59.2)$ | $61.6(55.6,66.7)$ |
| OHLP | $50.5(44.3,55.2)$ | $70.3(65.1,76.5)$ | $93.3(91.8,95.5)$ | $92.2(88.8,96.1)$ | $86.9(82,91.1)$ | $88.4(81.7,92.4)$ |
| OHOV | $26(21.8,30.1)$ | $27.3(21.9,32.3)$ | $75(71.3,80)$ | $74.7(69.4,82.9)$ | $41.8(32.5,48.9)$ | $50.3(42.7,57.3)$ |
| OKOP | $55.9(50.7,59.6)$ | $61.6(57.6,66.8)$ | $83.6(79.6,88.1)$ | $86.6(81.2,91.2)$ | $55.3(52,58)$ | $59.2(54.4,62.2)$ |
| ORUO | $57.7(52.7,61.1)$ | $62.8(57.9,67.6)$ | $84.1(80,86)$ | $85.5(83.3,90)$ | $75.3(69.5,80.4)$ | $75.8(73.4,81.3)$ |
| PADV | $35.1(32.3,37.2)$ | $43.9(42.5,45.7)$ | $63.9(61.3,66.8)$ | $67.1(65,70)$ | $60.8(58.3,63.3)$ | $62.1(59.3,64.5)$ |
| PATF | $50.7(48.3,53.9)$ | $56.4(52.5,59)$ | $83(78.7,88.8)$ | $82.7(80.7,85.3)$ | $70.9(67.4,74.1)$ | $73.4(71.2,76.9)$ |
| PRLL | $68(63.1,74.6)$ | $69.9(65.2,73.5)$ | $58(53.8,61.5)$ | $57.7(50.9,63.4)$ | $57.8(53.8,62.4)$ | $57.7(53.5,64.1)$ |
| SCOP | $73.1(69.7,76.1)$ | $74(68.7,79.1)$ | $92(89.4,93.9)$ | $93.8(91.1,96.1)$ | $75.4(71.8,77.5)$ | $77.5(73.9,81.9)$ |
| TNDS | $68.7(65.4,72.8)$ | $69.4(66.4,71.8)$ | $88.1(86.2,90)$ | $90.2(88.2,91.9)$ | $73.7(70.4,76.5)$ | $77.6(74.7,79.1)$ |
| TNMS | $29.7(22.1,38.3)$ | $40.8(37.4,47)$ | $83.6(79.5,88.6)$ | $86.4(80.8,91.8)$ | $52.2(47.9,58.5)$ | $53.6(49.3,57.1)$ |
| TXGC | $52.9(50.2,55.5)$ | $51.3(48.3,56.1)$ | $52(48.9,55.2)$ | $55.4(51.9,57.5)$ | $39.3(34.9,42.7)$ | $44.5(41,47.9)$ |
| TXSA | $54.3(49.9,58.1)$ | $60.1(56.9,65.5)$ | $73(69,76.9)$ | $72.8(69.3,76.7)$ | $66.6(62,72)$ | $69.9(67.8,72.3)$ |
| TXSB | $57.3(54,60.4)$ | $58(54.7,60.7)$ | $69.2(65.5,71.1)$ | $73.3(70.5,76.4)$ | $57.8(55.8,60.8)$ | $63.6(60.3,66.4)$ |
| UTOP | $63(60.6,65.3)$ | $64.7(59.9,69)$ | $67.2(59.7,74.5)$ | $79.4(74.3,82)$ | $37.3(30.5,43.8)$ | $37.3(33.2,40.7)$ |
| VATB | $68.8(64.2,72.4)$ | $79.6(76,82.7)$ | $94.7(93.5,95.8)$ | $95.4(93.3,96.8)$ | $91.1(88.3,93.4)$ | $92.5(90.3,95.7)$ |
| WALC | $54.1(48.3,57.9)$ | $56.2(51,59.5)$ | $61.7(58.4,65.6)$ | $69.9(64.1,75.6)$ | $61.5(56.5,65.8)$ | $61.1(56.5,63.5)$ |
| WIDN | $23.6(18.2,27.9)$ | $23.6(19.8,28.5)$ | $48.4(39.1,54.6)$ | $57.8(54,61.6)$ | $27.1(22.5,32.9)$ | $32.4(26.7,39.6)$ |

Table 7. Percent of organs transplanted within the DSA that were flown

| TX_OPO | Current | Board.Approved | Acuity. 250.500 | Acuity. $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ALOB | 52.5 (45.8,57.3) | 61.9 (55.5,65.8) | 86.6 (83.2,90.1) | 91.4 (89.5,92.9) | 75.8 (71.9,79.3) | 76.7 (73.8,81.2) |
| AROR | 64.3 (57.8,70.1) | 72.8 (69.4,80.2) | 93.8 (89.3,98.8) | $93.5(82.9,99)$ | 75.2 (66.4,82.2) | $75.7(66.3,84.9)$ |
| AZOB | $55.9(50,59.7)$ | $51.4(48.4,56.7)$ | 60.8 (58.8,64.5) | 66.4 (62.7,71.4) | 38.8 (35.5,42.2) | 37.4 (32.6,40.9) |
| CADN | 66.7 (64,69.1) | 65.3 (61.9,68) | 65.4 (64,67.4) | 71.1 (68.3,73.7) | $49.9(45.3,52.8)$ | 49.9 (48,53.1) |
| CAOP | 48.6 (46.5,51.1) | $48.4(46.5,51.3)$ | 54.5 (52.1,56.3) | 54.5 (52.2,58.1) | 39.2 (37.5,40.4) | 39.8 (37.4,42.2) |
| CASD | 53 (47.8,57.2) | $50.7(46,55.9)$ | $56.1(50,61.3)$ | 59.3 (54.9,67.4) | 44.6 (39.7,50.9) | 43.3 (39.6,47.6) |
| CORS | 54.2 (49.3,56.9) | $55.9(51.7,62.8)$ | 63.2 (57.7,68.2) | 67.5 (61.3,72.4) | 45.5 (38.5,50.9) | 45.5 (39.2,49.5) |
| CTOP | 15.3 (7,26.1) | $37.9(25.6,50)$ | 66 (50,76.2) | $71.9(64,80.4)$ | 61.6 (51.8,75) | $62.4(53.6,74.5)$ |
| DCTC | $45.4(41.6,51)$ | 54.5 (45.6,60.2) | 85.2 (83,86.9) | $84(80.2,87)$ | 79.6 (76.1,82.3) | 82.5 (79,88.9) |
| FLFH | 40.5 (32.5,45.5) | 45.3 (41.7,50.9) | 61.1 (53.9,66.9) | $60.3(53,65.3)$ | 48.3 (41.3,53.9) | 49.6 (45.6,54.2) |
| FLMP | 56.6 (51.8,61) | 58.7 (55.8,62.3) | 55.1 (50.9,57.6) | 64.4 (61.3,68.4) | 45.1 (41.3,47.6) | 47.3 (43.5,51.6) |
| FLUF | 68.8 (64.2,72) | $71.9(68,75.6)$ | 78.1 (74.2,81.7) | 80.7 (76.3,84) | 68.7 (63.1,72.5) | 70.2 (66.7,73.5) |
| FLWC | $34(25.5,42.4)$ | 37.5 (33.5,42.6) | $55.7(49.7,63.7)$ | 59.2 (51.8,62.9) | 40.1 (35.8,48.4) | 41.8 (34.5,46.4) |
| GALL | 53.6 (49.1,56.3) | 59.7 (57.1,61.5) | 77.2 (75.1,79.8) | 83.4 (81.7,85.5) | 60.6 (58.1,62.3) | 62.1 (59.2,64.4) |
| HIOP | 43.5 (25.8,60) | 49.6 (40,62.5) | $31.9(17.1,48.3)$ | $31.5(23.5,44.4)$ | $27.1(16.7,41)$ | $31.4(23.5,38.1)$ |
| IAOP | 49.7 (40.8,61.4) | 64.8 (58.7,71.9) | 91.3 (83.1,98.1) | 93.7 (87.9,98.4) | 83.8 (78.9,87.7) | $87.2(80.6,92.9)$ |
| ILIP | 36.2 (33.9,39.3) | 45.9 (41.4,50.8) | 70.5 (68.2,72.7) | 74.4 (71.3,77.3) | 60.7 (57.1,63.4) | 64.1 (62.8,66.8) |
| INOP | 42.8 (38.6,47.8) | 47.9 (43.6,50.3) | 79.9 (76.8,83.2) | $81(78.5,83.8)$ | 62.2 (58.3,67.6) | 66 (60.2,68.9) |
| KYDA | 53.8 (49.8,56.3) | 59.7 (56.1,63.4) | 85.2 (78.9,91) | 87.5 (84.9,89.8) | 73 (67.2,76.2) | 75 (69.3,81.4) |
| LAOP | 70.5 (69.1,73.2) | 71.1 (68.7,74.1) | 80.9 (78.2,83.1) | $82(77.5,84.3)$ | $59(54.3,62)$ | 60.8 (58.9,63.2) |
| MAOB | 33.3 (31,38.4) | 41.2 (39.1,43.2) | 68.2 (67.2,70.2) | 69.6 (67.2,73.7) | $57.7(54.4,60.7)$ | $61.7(56.9,65)$ |
| MDPC | 48 (44.2,52.5) | 53.8 (51.8,57.5) | 78.4 (75.9,80.5) | $79.9(78.7,81.2)$ | $70.9(68.7,73.5)$ | 73.2 (70.9,77.5) |
| MIOP | $46.8(43,49)$ | 45.7 (43.1,50.2) | 82 (76.6,85.1) | 82.5 (81.6,84.7) | 64.1 (60.6,67.5) | 68.3 (65.9,70.2) |
| MNOP | 67 (65.4,69.9) | 66.7 (63.5,71) | 77.9 (75.8,79.2) | 79.4 (76.7,81.5) | 65.1 (61.8,69) | 66.9 (64.4,70.4) |
| MOMA | 43.7 (41,47.5) | 46.8 (44.4,51.6) | $77.9(72.3,83.5)$ | 79.4 (76.5,81.6) | 52.2 (48.3,56.8) | $57(52.1,60.5)$ |
| MSOP | 55.2 (43.7,65.7) | 61.6 (55.7,72.7) | 89.7 (80.8,97.8) | 93.9 (83.3,100) | 78.5 (63.3,87.1) | 81 (75.8,89.5) |
| MWOB | 51.7 (47.6,54.9) | 55.6 (48.1,59.9) | 80.5 (77.1,84.3) | 84 (79.8,86.9) | 61.8 (56.5,65.9) | $64.7(59.1,68.8)$ |
| NCCM | 43.4 (39,48.8) | $45.9(40.6,56)$ | 82.8 (76.8,85.9) | 84.8 (79.6,95.6) | $61.5(54.8,65.6)$ | $64.1(59.8,69.6)$ |
| NCNC | 50.9 (42.9,59.9) | 56.7 (52.2,61.1) | 87.3 (85.6,90) | 89.5 (85.8,92.9) | 73.1 (68.2,76.6) | 74.2 (70.6,77.6) |
| NEOR | 56.7 (52.7,60.4) | 62.8 (60.4,67.5) | $84(80.6,88.3)$ | 86.8 (82.7,91.4) | $74(69,77.9)$ | 74.7 (71.4,79.4) |
| NJTO | 21.7 (16.8,26) | 35.5 (30.5,41) | 59.5 (51.5,65.7) | 60.8 (55.1,66.3) | 48.6 (41,54) | 50.8 (45,57.9) |
| NYFL | 56.9 (44.3,67.9) | 46.2 (40.8,57) | 88.6 (86.2,92) | 87.8 (84.2,91.4) | 64.6 (58.8,71.3) | 76.2 (71.5,80.5) |
| NYRT | 36.7 (33.9,41.2) | 44.1 (40.6,46.3) | $63.9(62,67.3)$ | $65.5(64,66.5)$ | 55.3 (53.9,56.6) | $57.9(55.3,60)$ |
| OHLB | 45.5 (42.7,49.7) | 55.8 (53.4,58.5) | 88.2 (85.8,91.3) | 88.8 (85.5,92) | 77.3 (72.7,81) | 80 (74.6,83.2) |
| OHLP | 30.1 (24.3,37.7) | 48.9 (40.9,53.9) | 88.7 (84.2,92.9) | 87.5 (82.1,92.5) | 75.4 (66.3,81.2) | 79.4 (71.4,89.7) |

Table 7. Percent of organs transplanted within the DSA that were flown

| TX_OPO | Current | Board.Approved | Acuity 250.500 | Acuity. $\mathbf{3 0 0 . 6 0 0}$ | Broader.2.Circle.MELD. 35 | Broader.2.Circle.MELD. 32 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OHOV | 41.5 (38.1,45.8) | 42.1 (39.5,45.1) | 79.4 (76.3,81.7) | 80.4 (76.4,85.6) | 60.3 (54.9,66.6) | 64 (57.6,67.3) |
| OKOP | 31.8 (28.6,35.6) | 40 (35.9,46.1) | 75.8 (73.5,80.1) | 78.9 (73.5,85.7) | 51.8 (49.8,54.7) | 54.2 (49.7,56.4) |
| ORUO | $51.1(45.7,57.5)$ | 56.9 (52.2,63.6) | 74.3 (71,78.6) | 76.3 (71.5,80.4) | 63.1 (53.4,69.8) | 63 (55.2,70.7) |
| PADV | 26.6 (23.9,27.8) | 36.2 (31.9,39.5) | $61.4(59.2,64.4)$ | 64.7 (62.6,66.1) | $54.4(52,55.6)$ | $56.6(55,58.8)$ |
| PATF | 55.6 ( $52,58.2$ ) | 56.8 (50.4,61.4) | 83.3 (80,87.7) | 83.2 (80.9,85) | 69.8 (64.8,74.2) | 73.4 (70.7,75.4) |
| PRLL | 26.2 (20.2,34.7) | 29.3 (21.6,36.8) | 5.8 (3.7,12.1) | $5.4(2.8,9)$ | 4.2 (1.9,6.6) | 5.6 (3,9.1) |
| SCOP | 63.9 (60.5,66.2) | 65.4 (58.8,73.1) | 91.5 (88.2,94.9) | 93.2 (89.5,95.1) | 71.4 (67.8,75.4) | 75 (69.1,77.8) |
| TNDS | 57.7 (54.1,61.8) | 58 (55.4,60.5) | 79.6 (77,83.6) | 83.1 (79.1,86.4) | 59.8 (56.1,65.3) | 66.4 (60.4,69.9) |
| TNMS | $61.3(57,66.6)$ | 65.2 (61.1,68.9) | 87.6 (83.5,90.4) | 89.8 (87.1,94.2) | 68 (65.1,71.3) | 69.6 (66.9,71.3) |
| TXGC | 66.4 (63.7,68.1) | 66.3 (63.2,69.3) | 72.9 (70.5,75.1) | 74.3 (72.5,76.5) | $61.5(58,65.1)$ | 65.8 (63.6,68.1) |
| TXSA | $54.9(50,59.7)$ | $60.7(55.6,67.6)$ | 75.4 (70.2,79.4) | 75 (70.3,77.7) | 66.3 (60.8,69.9) | $70(64.5,74)$ |
| TXSB | 47.9 (43.9,52.9) | 46.6 (40.7,50.4) | 58.2 (53.7,63.8) | 65.2 (62.5,68.4) | $44.9(41.3,47.1)$ | $50.1(44.4,54.7)$ |
| UTOP | 69.4 (65.9,74.7) | 70 (64.7,74.1) | 75.6 (70.9,80.6) | 84 (80.6,86.3) | 53.7 (49.3,61) | $53.9(48,63)$ |
| VATB | 69.8 (64.1,73.7) | 79.2 (76,81.4) | 92.7 (90.7,94) | 93.6 (91.6,95.6) | 88.9 (87.1,90.9) | 90.9 (88.2,95.4) |
| WALC | 56.5 (50.7,61.8) | 58.9 (55.9,62.3) | 54.1 (51.3,56.9) | $62.9(57.9,68.5)$ | 54.8 (51.2,60) | $54.9(50.3,58.8)$ |
| WIDN | 34.8 (29.7,40.5) | $38(33.7,41.5)$ | 66.2 (62.8,71.4) | 71.3 (67.2,76.9) | 50.3 (43.7,53.4) | 53.5 (50.3,58.1) |
| WIUW | 62.7 (59.7,66.2) | $65.4(60.7,69.9)$ | 83.9 (80.4,89.2) | 87.1 (84.4,89.7) | 76.7 (73.5,80.4) | 77.4 (71.4,83.7) |

