The Center for Biomedical Imaging

November 2018

THE CENTER FOR BIOMEDICAL IMAGING 3T MRI USAGE AND CANCELLATION DATA

Hours of 3T Usage June to November 2018

6 Month Average Monthly Usage:

- Cancelled: 40 hours 13% *
- Not Used: 102 hours 34%
- Admin/QC: 13 hours 4%
- Development: 26 hours 9%
- Billable: 117 hours 39%

*Cancelled= cx2 - (cb=mc)

cx 2: cancelled hours within 72 hours of table time.

cb= cx2 slots that got booked and used.

mc= multiple cx2 in the same time slot.
Monthly Prime Time 6 Month Averages

<table>
<thead>
<tr>
<th></th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancelled</td>
<td>27</td>
<td>19%</td>
</tr>
<tr>
<td>Not Used</td>
<td>16</td>
<td>11%</td>
</tr>
<tr>
<td>Admin</td>
<td>6</td>
<td>4%</td>
</tr>
<tr>
<td>Development</td>
<td>13</td>
<td>9%</td>
</tr>
<tr>
<td>Billable</td>
<td>84</td>
<td>57%</td>
</tr>
</tbody>
</table>

Cancelled = \(\text{cx}72 - (\text{cb} + \text{mc})\)
\(\text{cx}72\) = cancelled hours within 72 hours of table time.
\(\text{cb}\) = \(\text{cx}72\) slots that get booked and used.
\(\text{mc}\) = multiple \(\text{cx}72\) in the same time slot.
June thru November 2018 Used and Cancellations by Lab

The line of best fit is what the typical user is expected to cancel based on this data. Below the line could be considered cancellations are being well managed, above the line not so much. The top left quadrant is the lower usage, high cancellation labs. The bottom right quadrant is the high usage, lower cancellation labs.
Percentage Cancelled within 72 hours by Lab November 2018

Cancelled Hours Within 72 Hours of Table Time November 2018