AROC Ambulatory Report

Anywhere Hospital

January 2015 - December 2015
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Definition of ambulatory rehabilitation

- Starts with a multi-disciplinary assessment
- Is multi-disciplinary, although all therapies may not necessarily be delivered concurrently
- Is goal oriented – includes goal setting and review
- The program of care is time limited
- Is delivered in an ambulatory setting, either centre or community based

Ambulatory rehabilitation may occur as:
- The continuation of an inpatient episode of rehabilitation
- A rehabilitation program provided solely in an ambulatory setting
The AROC dataset includes items that relate specifically to evaluating the efficacy of ambulatory rehabilitation programs. Data is collected to reflect the program of rehabilitation, thus an ‘episode’ is defined by the initial and final service contact. The challenge in developing the data set was to include an outcome tool that could best address the diverse range of service models and impairment groups represented in ambulatory rehabilitation, with a minimum burden on resources. The over-arching outcome tool included in the dataset is the Australian Modified Lawton’s Instrumental Activities of Daily Living (IADL) scale. Over time other impairment or discipline specific outcomes tools may be added to the dataset to provide more outcome specificity by cohort. V4 of the AROC dataset was introduced on 1 July 2012. V1 AROC data items have been mapped to the V4 AROC dataset. The item "Level of Support" (V1) has been replaced by two data items (V4) that unpack two concepts:

- Carer status
- Services received
Data exclusions

- Demographic and episode start information is reported for all episodes
- An episode is considered "complete" for the purpose of calculating outcome statistics in this report when mode of episode end is discharged to final or interim destination
- Outcome measures are based on completed episodes, as defined above, however the volume of reported data may be further reduced if data items are missing
- This report utilises only pathway 4 data (ambulatory direct care)
Interpretation of results

- This descriptive report includes analysis of data that has been collected by your service, and the combined submitted data of all participating ambulatory rehabilitation services.
- Where sufficient data for an impairment group is available (≥5 valid episodes), AROC provides comparison analysis.
- The data presented in this report represents a small proportion of all ambulatory rehabilitation services and models of service delivery. Interpretation of these results must be made with care as this is not a benchmark report.
# Ambulatory episodes by pathway

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Your Service 2015</th>
<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 - Ambulatory Direct Care</td>
<td>885</td>
<td>860</td>
<td>8,495</td>
</tr>
<tr>
<td>5 - Ambulatory Shared Care</td>
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<td>0</td>
<td>1</td>
</tr>
<tr>
<td>6 - Ambulatory Shared Care /One Off Assessment</td>
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<tr>
<td>All ambulatory pathways</td>
<td>899</td>
<td>880</td>
<td>8,632</td>
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**Completeness of data reported to AROC**

Number of episodes reported each month by Anywhere Hospital

Do these numbers look like a complete year was submitted?

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<tr>
<th>Month</th>
<th>No. episodes</th>
</tr>
</thead>
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<tr>
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<tr>
<td>February</td>
<td>61</td>
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<td>March</td>
<td>78</td>
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<tr>
<td>April</td>
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<td>May</td>
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<td>June</td>
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<td>July</td>
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<tr>
<td>August</td>
<td>82</td>
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<td>September</td>
<td>73</td>
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<td>October</td>
<td>87</td>
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<td>November</td>
<td>67</td>
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<tr>
<td>December</td>
<td>82</td>
</tr>
<tr>
<td><strong>Full year (2015)</strong></td>
<td><strong>899</strong></td>
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## Quality of data reported

Completeness of data items collected by Anywhere Hospital (2015)

<table>
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<tr>
<th>AROC ambulatory data set items</th>
<th>Item collected</th>
<th>AROC ambulatory data set items</th>
<th>Item collected</th>
<th>AROC ambulatory data set items</th>
<th>Item collected</th>
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</thead>
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<td>899 100.0</td>
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<td>Final destination</td>
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<tr>
<td>Facility identifier</td>
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<tr>
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<td>750 83.4</td>
<td>Onset date or time since onset</td>
<td>882 98.1</td>
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<td>Ward name</td>
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<td>Date of relevant acute episode</td>
<td>620 69.0</td>
<td>Services received post episode</td>
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<td>Person identifier (MRN)</td>
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<td>Date of birth</td>
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<td>Level of SCI - start</td>
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<td>Carer status during episode</td>
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<td>Level of SCI - end</td>
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<td>Ventilator dependent</td>
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<td>Amputation</td>
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<td>State</td>
<td>898 99.9</td>
<td>Lawton's assessment date - start</td>
<td>895 99.6</td>
<td>Frailty</td>
<td>7 77.8</td>
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<td>Postcode</td>
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<td>Date ready for casting</td>
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<tr>
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<td>899 100.0</td>
<td>Lawton's assessment date - end</td>
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<tr>
<td>Payer</td>
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<td>Phase of amputee care - during</td>
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<tr>
<td>Interpreter</td>
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<td>Existing comorbidities</td>
<td>881 98.0</td>
<td>Phase of amputee care - end</td>
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<td>Referral date</td>
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<td>Prosthetic device fitted</td>
<td>7 77.8</td>
</tr>
<tr>
<td>Assessment date</td>
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<td>Staff types</td>
<td>870 96.8</td>
<td>Date first prosthetic fitted</td>
<td>6 85.7</td>
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<tr>
<td>Clinically rehab ready date</td>
<td>896 99.7</td>
<td>Days seen</td>
<td>885 98.4</td>
<td>Prosthetic delay</td>
<td>1 14.3</td>
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<tr>
<td>Start delay</td>
<td>899 100.0</td>
<td>Occasions of service</td>
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<td>Timed up and go test</td>
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<tr>
<td>Start delay reason(s)</td>
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<td>Clinically discharge ready date</td>
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<tr>
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<td>End delay</td>
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<td>Ten metre walk test</td>
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<tr>
<td>Accommodation prior to episode</td>
<td>885 98.4</td>
<td>End delay reason(s)</td>
<td>29 96.7</td>
<td>Reconditioning</td>
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<tr>
<td>Carer status prior to episode</td>
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<td>Discharge plan</td>
<td>883 98.2</td>
<td>Frailty</td>
<td>61 87.1</td>
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<tr>
<td>Services received prior to episode</td>
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<td>Episode end date</td>
<td>889 100.0</td>
<td>Fallen in last 12 months</td>
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<tr>
<td>Prior services specified</td>
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<td>Mode of episode end</td>
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<tr>
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<td>Interim destination</td>
<td>8 114.3</td>
<td>Overall quality score</td>
<td>92.9</td>
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</tbody>
</table>

(1) These data items are optional  
(2) Not included in overall data quality score  
N.B. contact AROC for case listings of missing data items
Demographic Data

The following section provides demographic data. These data are presented at service and national levels.

Such data are useful to provide context to the more detailed analysis of rehabilitation outcomes, but in themselves are not impacted by clinical practice.

Measures included here are:

- Distribution of services and episodes.................................................................11
- Episode source.......................................................................................................16
- Age.........................................................................................................................20
- Comorbidities.......................................................................................................22
## Distribution of services and episodes

### Ambulatory Submitting Services 2015

<table>
<thead>
<tr>
<th></th>
<th>Public</th>
<th>Private</th>
<th>Total</th>
</tr>
</thead>
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<td>N</td>
<td>N</td>
</tr>
<tr>
<td>NSW</td>
<td>5</td>
<td>14</td>
<td>19</td>
</tr>
<tr>
<td>VIC</td>
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<td>2</td>
<td>2</td>
</tr>
<tr>
<td>SA</td>
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<td>1</td>
<td>11</td>
</tr>
<tr>
<td>ACT</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>QLD</td>
<td>1</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>TAS</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>WA</td>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>All Submitting Services</td>
<td>18</td>
<td>26</td>
<td>44</td>
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</table>

### Ambulatory Number of Episodes 2015

<table>
<thead>
<tr>
<th></th>
<th>Public</th>
<th>Private</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>NSW</td>
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<td>3,904</td>
<td>4,361</td>
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<td>VIC</td>
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<td>1,391</td>
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<tr>
<td>ACT</td>
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<td>556</td>
<td>556</td>
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<tr>
<td>QLD</td>
<td>240</td>
<td>233</td>
<td>473</td>
</tr>
<tr>
<td>TAS</td>
<td>61</td>
<td>2</td>
<td>63</td>
</tr>
<tr>
<td>WA</td>
<td>0</td>
<td>231</td>
<td>231</td>
</tr>
<tr>
<td>All Episodes</td>
<td>1,679</td>
<td>6,816</td>
<td>8,495</td>
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# Episodes by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
</tr>
<tr>
<td>Stroke</td>
<td>78</td>
<td>8.8</td>
<td>90</td>
</tr>
<tr>
<td>Brain</td>
<td>24</td>
<td>2.7</td>
<td>17</td>
</tr>
<tr>
<td>Neurological conditions</td>
<td>55</td>
<td>6.2</td>
<td>41</td>
</tr>
<tr>
<td>Spinal cord</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
<tr>
<td>Amputee</td>
<td>9</td>
<td>1.0</td>
<td>7</td>
</tr>
<tr>
<td>Arthritis</td>
<td>6</td>
<td>0.7</td>
<td>11</td>
</tr>
<tr>
<td>Pain</td>
<td>33</td>
<td>3.7</td>
<td>37</td>
</tr>
<tr>
<td>Orthopaedic – fractures</td>
<td>62</td>
<td>7.0</td>
<td>49</td>
</tr>
<tr>
<td>Orthopaedic - replacements</td>
<td>416</td>
<td>46.7</td>
<td>385</td>
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<tr>
<td>Orthopaedic – other</td>
<td>65</td>
<td>7.3</td>
<td>54</td>
</tr>
<tr>
<td>Cardiac</td>
<td>17</td>
<td>1.9</td>
<td>11</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>9</td>
<td>1.0</td>
<td>15</td>
</tr>
<tr>
<td>Burns</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
<tr>
<td>Congenital deformity</td>
<td>2</td>
<td>0.2</td>
<td>0</td>
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<tr>
<td>Other disabling impairments</td>
<td>39</td>
<td>4.4</td>
<td>56</td>
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<tr>
<td>Major multiple trauma</td>
<td>6</td>
<td>0.7</td>
<td>1</td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>70</td>
<td>7.9</td>
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<td>0</td>
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<tr>
<td><strong>All Impairments</strong></td>
<td>891</td>
<td>100.0</td>
<td>860</td>
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</tbody>
</table>
Distribution of episodes by impairment group

Proportion of Episodes

Your Service 2015 (n₁=891)
Your Service 2014 (n₂=859)
All Submitting Services 2015 (n₃=8489)

- Reconditioning
- Developmental disability
- Major multiple trauma
- Other disabling impairments
- Congenital deformity
- Burns
- Pulmonary
- Cardiac
- Orthopaedic – other
- Orthopaedic - replacements
- Orthopaedic – fractures
- Pain
- Arthritis
- Amputee
- Spinal cord
- Neurological conditions
- Brain
- Stroke
# First direct care rehabilitation episode by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>First Rehab N</th>
<th>Total N</th>
<th>First Rehab %</th>
<th>First Rehab N</th>
<th>Total N</th>
<th>First Rehab %</th>
<th>First Rehab N</th>
<th>Total N</th>
<th>First Rehab %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke</td>
<td>30</td>
<td>66</td>
<td>45.5</td>
<td>40</td>
<td>79</td>
<td>50.6</td>
<td>295</td>
<td>667</td>
<td>44.2</td>
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<tr>
<td>Brain</td>
<td>12</td>
<td>24</td>
<td>50.0</td>
<td>5</td>
<td>17</td>
<td>29.4</td>
<td>85</td>
<td>184</td>
<td>46.2</td>
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<tr>
<td>Neurological conditions</td>
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<td>Amputee</td>
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<td>9</td>
<td>44.4</td>
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<td>32.7</td>
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<td>0</td>
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<td>&lt;5</td>
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<td>-</td>
<td>3</td>
<td>7</td>
<td>42.9</td>
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<td>Other disabling impairments</td>
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<td>39</td>
<td>69.2</td>
<td>32</td>
<td>51</td>
<td>62.7</td>
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<td>291</td>
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<td>6</td>
<td>33.3</td>
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<td>0.0</td>
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<td>30</td>
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<tr>
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<td>-</td>
<td>0</td>
<td>0</td>
<td>-</td>
<td>&lt;5</td>
<td>&lt;5</td>
<td>-</td>
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<tr>
<td><strong>All Impairments</strong></td>
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<td><strong>891</strong></td>
<td><strong>44.3</strong></td>
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<td><strong>43.9</strong></td>
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</table>
First direct care rehabilitation episode by impairment group

<table>
<thead>
<tr>
<th>Impairment Group</th>
<th>Your Service 2015 (n₁)</th>
<th>Your Service 2014 (n₂)</th>
<th>All Submitting Services 2015 (n₃)</th>
</tr>
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<tbody>
<tr>
<td>Stroke</td>
<td>50%</td>
<td>40%</td>
<td>60%</td>
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<tr>
<td>Brain</td>
<td>40%</td>
<td>30%</td>
<td>50%</td>
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<tr>
<td>Neurological conditions</td>
<td>60%</td>
<td>50%</td>
<td>70%</td>
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<tr>
<td>Spinal cord</td>
<td>30%</td>
<td>20%</td>
<td>40%</td>
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<tr>
<td>Amputee</td>
<td>70%</td>
<td>60%</td>
<td>80%</td>
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<tr>
<td>Arthritis</td>
<td>80%</td>
<td>70%</td>
<td>90%</td>
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<tr>
<td>Pain</td>
<td>60%</td>
<td>50%</td>
<td>70%</td>
</tr>
<tr>
<td>Ortho - fractures</td>
<td>50%</td>
<td>40%</td>
<td>60%</td>
</tr>
<tr>
<td>Ortho - replacements</td>
<td>70%</td>
<td>60%</td>
<td>80%</td>
</tr>
<tr>
<td>Ortho - other</td>
<td>80%</td>
<td>70%</td>
<td>90%</td>
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<tr>
<td>Cardiac</td>
<td>40%</td>
<td>30%</td>
<td>50%</td>
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<tr>
<td>Pulmonary</td>
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<td>40%</td>
<td>60%</td>
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<tr>
<td>Congenital deformity</td>
<td>30%</td>
<td>20%</td>
<td>40%</td>
</tr>
<tr>
<td>Other disabling impairments</td>
<td>80%</td>
<td>70%</td>
<td>90%</td>
</tr>
<tr>
<td>Major multiple trauma</td>
<td>60%</td>
<td>50%</td>
<td>70%</td>
</tr>
<tr>
<td>Developmental disability</td>
<td>30%</td>
<td>20%</td>
<td>40%</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>70%</td>
<td>60%</td>
<td>80%</td>
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AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015

15 of 96
## Episode source

<table>
<thead>
<tr>
<th>Episode Source</th>
<th>Your Service 2015</th>
<th></th>
<th>Your Service 2014</th>
<th></th>
<th>All Submitting Services 2015</th>
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<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
<td>%</td>
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<tr>
<td>Referred by general practitioner</td>
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<td>82</td>
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<tr>
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<td>173</td>
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<td>4</td>
<td>0.5</td>
<td>13</td>
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<tr>
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<td>7</td>
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<td>165</td>
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<td>18</td>
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<td>Transferred from sub-acute inpatient (same hospital)</td>
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<td>36.2</td>
<td>270</td>
<td>31.5</td>
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<tr>
<td>Transferred from sub-acute inpatient (different hospital)</td>
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<td>2</td>
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AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Distribution of episode source

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<th>Your Service 2015 (n₁)</th>
<th>Your Service 2014 (n₂)</th>
<th>All Submitting Services 2015 (n₃)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Referred by general practitioner (n=85/n₁=115)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Referred by therapist (n=77/n₂=82)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Referred from rehab specialist (n=151/n₃=173)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Transferred from emergency department (n=1/n₁=1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transferred from acute specialist (n=5/n₂=7/n₃=49)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Transferred from acute inpatient (same hospital) (n=195/n₁=165/n₃=1782)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Transferred from acute inpatient (different hospital) (n=25/n₂=18/n₃=223)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Transferred from sub-acute inpatient (same hospital) (n=320/n₁=270/n₃=3066)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transferred from sub-acute inpatient (different hospital) (n=26/n₂=24/n₃=241)</td>
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</tr>
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</table>

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
# First direct care rehabilitation episode by episode source

<table>
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<tr>
<th>Episode source</th>
<th>2015 First Rehab N</th>
<th>2015 Total N</th>
<th>2015 First Rehab %</th>
<th>2014 First Rehab N</th>
<th>2014 Total N</th>
<th>2014 First Rehab %</th>
<th>All Submitting Services 2015 First Rehab %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refferred by general practitioner</td>
<td>49</td>
<td>85</td>
<td>57.6</td>
<td>77</td>
<td>115</td>
<td>67.0</td>
<td>571</td>
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<tr>
<td>Refferred by therapist</td>
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<td>77</td>
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<td>40</td>
<td>82</td>
<td>48.8</td>
<td>434</td>
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<td>Refferred from rehab specialist</td>
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<td>151</td>
<td>68.2</td>
<td>99</td>
<td>173</td>
<td>57.2</td>
<td>961</td>
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<tr>
<td>Transferred from emergency department</td>
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<td>1</td>
<td>0.0</td>
<td>1</td>
<td>4</td>
<td>25.0</td>
<td>10</td>
</tr>
<tr>
<td>Transferred from acute specialist</td>
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<td>5</td>
<td>80.0</td>
<td>7</td>
<td>7</td>
<td>100.0</td>
<td>34</td>
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<tr>
<td>Transferred from acute inpatient (same hospital)</td>
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<td>51.8</td>
<td>113</td>
<td>165</td>
<td>68.5</td>
<td>864</td>
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<tr>
<td>Transferred from acute inpatient (different hospital)</td>
<td>20</td>
<td>25</td>
<td>80.0</td>
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<td>18</td>
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<td><strong>Total</strong></td>
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<td><strong>899</strong></td>
<td><strong>44.4</strong></td>
<td><strong>445</strong></td>
<td><strong>863</strong></td>
<td><strong>51.8</strong></td>
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First direct care rehabilitation episode by episode source

![Bar chart showing the proportion of episodes that are first rehab for different episode sources.](chart.png)
### Age by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th></th>
<th>Your Service 2014</th>
<th></th>
<th>All Submitting Services 2015</th>
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<td></td>
<td>N</td>
<td>Mean</td>
<td>95% CI</td>
<td>N</td>
<td>Mean</td>
<td>95% CI</td>
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<td>-------</td>
<td>--------------------</td>
<td>-------</td>
<td>-------</td>
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</tr>
<tr>
<td>Stroke</td>
<td>78</td>
<td>68.6</td>
<td>(64.8 - 71.2)</td>
<td>89</td>
<td>67.8</td>
<td>(64.2 - 69.8)</td>
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<tr>
<td>Brain</td>
<td>24</td>
<td>58.7</td>
<td>(49.8 - 66.2)</td>
<td>17</td>
<td>54.9</td>
<td>(43.6 - 64.4)</td>
</tr>
<tr>
<td>Neurological conditions</td>
<td>55</td>
<td>64.4</td>
<td>(60.0 - 68.0)</td>
<td>41</td>
<td>87.8</td>
<td>(43.2 - 130.8)</td>
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<tr>
<td>Spinal cord</td>
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<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Amputee</td>
<td>9</td>
<td>60.2</td>
<td>(49.2 - 70.8)</td>
<td>7</td>
<td>66.1</td>
<td>(53.9 - 78.1)</td>
</tr>
<tr>
<td>Arthritis</td>
<td>6</td>
<td>77.3</td>
<td>(71.7 - 82.3)</td>
<td>11</td>
<td>77.5</td>
<td>(71.1 - 82.9)</td>
</tr>
<tr>
<td>Pain</td>
<td>33</td>
<td>65.2</td>
<td>(59.9 - 70.1)</td>
<td>37</td>
<td>65.1</td>
<td>(59.3 - 70.7)</td>
</tr>
<tr>
<td>Orthopaedic – fractures</td>
<td>62</td>
<td>72.9</td>
<td>(68.6 - 75.4)</td>
<td>49</td>
<td>67.4</td>
<td>(61.9 - 72.1)</td>
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<tr>
<td>Orthopaedic - replacements</td>
<td>415</td>
<td>68.6</td>
<td>(67.1 - 68.9)</td>
<td>383</td>
<td>69.3</td>
<td>(68.1 - 69.9)</td>
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<tr>
<td>Orthopaedic – other</td>
<td>65</td>
<td>66.7</td>
<td>(62.6 - 69.4)</td>
<td>54</td>
<td>67.0</td>
<td>(62.7 - 71.3)</td>
</tr>
<tr>
<td>Cardiac</td>
<td>17</td>
<td>74.8</td>
<td>(69.1 - 78.9)</td>
<td>11</td>
<td>68.0</td>
<td>(60.5 - 75.5)</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>9</td>
<td>80.8</td>
<td>(75.7 - 84.3)</td>
<td>15</td>
<td>79.3</td>
<td>(74.1 - 83.9)</td>
</tr>
<tr>
<td>Burns</td>
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<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Congenital deformity</td>
<td>2</td>
<td>57.5</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Other disabling impairments</td>
<td>39</td>
<td>76.0</td>
<td>(70.8 - 79.2)</td>
<td>55</td>
<td>71.4</td>
<td>(67.3 - 74.7)</td>
</tr>
<tr>
<td>Major multiple trauma</td>
<td>6</td>
<td>60.8</td>
<td>(47.5 - 72.5)</td>
<td>1</td>
<td>62.0</td>
<td>-</td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>70</td>
<td>76.3</td>
<td>(73.3 - 78.7)</td>
<td>84</td>
<td>72.7</td>
<td>(68.8 - 75.2)</td>
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<tr>
<td>Missing</td>
<td>1</td>
<td>6</td>
<td></td>
<td>25</td>
<td></td>
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</tr>
<tr>
<td><strong>All Impairments</strong></td>
<td><strong>891</strong></td>
<td><strong>69.1</strong></td>
<td><strong>(68.2 - 69.8)</strong></td>
<td><strong>860</strong></td>
<td><strong>69.9</strong></td>
<td><strong>(66.8 - 71.2)</strong></td>
</tr>
</tbody>
</table>
Age by impairment group

Impairment Group

- Stroke (n₁=78/n₂=89/n₃=762)
- Brain (n₁=24/n₂=17/n₃=184)
- Neurological conditions (n₁=55/n₂=41/n₃=171)
- Spinal cord (n₁=0/n₂=0/n₃=<5)
- Amputee (n₁=49/n₂=71/n₃=89)
- Arthritis (n₁=6/n₂=11/n₃=89)
- Pain (n₁=33/n₂=37/n₃=344)
- Ortho - fractures (n₁=62/n₂=49/n₃=550)
- Ortho - replacements (n₁=415/n₂=383/n₃=3908)
- Ortho - other (n₁=65/n₂=54/n₃=597)
- Cardiac (n₁=17/n₂=11/n₃=196)
- Pulmonary (n₁=9/n₂=15/n₃=103)
- Burns (n₁=0/n₂=0/n₃=<5)
- Congenital deformity (n₁=2/n₂=0/n₃=6)
- Other disabling impairments (n₁=39/n₂=35/n₃=293)
- Major multiple trauma (n₁=6/n₂=1/n₃=31)
- Developmental disability (n₁=0/n₂=0/n₃=<5)
- Reconditioning (n₁=70/n₂=84/n₃=846)

Average Age

Your Service 2015 (n₁) | Your Service 2014 (n₂) | All Submitting Services 2015 (n₃)
Comorbidities

Proportion of Episodes

- Other Comorbidities
- Morbid Obesity
- Hearing Impairment
- Parkinson's Disease
- Visual Impairment
- Osteoporosis
- Cancer
- Stroke
- Mental Health Problem
- Chronic Pain
- Respiratory Disease
- Diabetes Mellitus
- Cardiac Disease
- Osteoarthritis

Your Service 2015 (n₁=384)
Your Service 2014 (n₂=426)
All Submitting Services 2015 (n₃=3863)
Process indicators

The following sections present analysis of each of the following elements:

- Days between key dates
- Staff type providing therapy
- Services received
Days between key dates by impairment group*

Your Service 2015

Elapsed Days (Weeks)

0  7  14  21  28  35  42  49  56

<table>
<thead>
<tr>
<th>Impairment</th>
<th>Referral to assessment date by impairment (n₁)</th>
<th>Assessment to clinically rehab ready date by impairment (n₂)</th>
<th>Clinically rehab ready to episode start date by impairment (n₃)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke (n₁= 26/n₂=19/n₃=25)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Brain (n₁= 12/n₂=6/n₃=11)</td>
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<tr>
<td>Neuro conditions (n₁= 28/n₂=27/n₃=28)</td>
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</tr>
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<td>Spinal cord (n₁= 0/n₂=0/n₃=0)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Amputee (n₁= 4/n₂=2/n₃=4)</td>
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</tr>
<tr>
<td>Arthritis (n₁= 4/n₂=3/n₃=4)</td>
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<td></td>
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<tr>
<td>Pain (n₁= 18/n₂=18/n₃=18)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Ortho-fractures (n₁= 17/n₂=15/n₃=17)</td>
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<td></td>
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<tr>
<td>Ortho-replacements (n₁= 157/n₂=156/n₃=158)</td>
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<tr>
<td>Ortho-other (n₁= 23/n₂=24/n₃=24)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cardiac (n₁= 12/n₂=12/n₃=12)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Pulmonary (n₁= 6/n₂=8/n₃=6)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Burns (n₁= 0/n₂=0/n₃=0)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Congenital deformity (n₁= 0/n₂=0/n₃=0)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Other impairments (n₁= 26/n₂=26/n₃=25)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Major multiple trauma (n₁= 2/n₂=1/n₃=2)</td>
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<td></td>
</tr>
<tr>
<td>Developmental disability (n₁= 0/n₂=0/n₃=0)</td>
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</tr>
<tr>
<td>Reconditioning (n₁= 38/n₂=38/n₃=38)</td>
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All Submitting Services 2015

Elapsed Days (Weeks)

0  7  14  21  28  35  42  49  56

<table>
<thead>
<tr>
<th>Impairment</th>
<th>Referral to assessment date by impairment (n₁)</th>
<th>Assessment to clinically rehab ready date by impairment (n₂)</th>
<th>Clinically rehab ready to episode start date by impairment (n₃)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke (n₁= 277/n₂= 217/n₃= 278)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brain (n₁= 81/n₂= 59/n₃= 78)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neuro conditions (n₁= 241/n₂= 228/n₃= 238)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinal cord (n₁= 0/n₂= 0/n₃= 0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amputee (n₁= 21/n₂= 16/n₃= 21)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arthritis (n₁= 52/n₂= 50/n₃= 51)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pain (n₁= 199/n₂= 198/n₃= 196)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ortho-fractures (n₁= 168/n₂= 145/n₃= 170)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ortho-replacement (n₁= 1388/n₂= 1373/n₃= 1377)</td>
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<tr>
<td>Ortho-other (n₁= 236/n₂= 230/n₃= 235)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Cardiac (n₁= 127/n₂= 127/n₃= 130)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pulmonary (n₁= 53/n₂= 52/n₃= 52)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burns (n₁= 1/n₂= 1/n₃= 1)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Congenital deformity (n₁= 3/n₂= 2/n₃= 3)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other impairments (n₁= 205/n₂= 206/n₃= 201)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major multiple trauma (n₁= 8/n₂= 6/n₃= 8)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Developmental disability (n₁= 0/n₂= 0/n₃= 0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reconditioning (n₁= 472/n₂= 459/n₃= 474)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Includes first direct care rehabilitation episodes only

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
# Staff type by impairment group

## Your Service 2015

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Physiotherapist</th>
<th>Hydrotherapist</th>
<th>Occupational Therapist</th>
<th>Exercise Physiologist</th>
<th>Therapy Aide</th>
<th>Medical Officer</th>
<th>Registered Nurse</th>
<th>Enrolled Nurse</th>
<th>Speech Pathologist</th>
<th>Social Worker</th>
<th>Dietician</th>
<th>Psychologist</th>
<th>Other Staff Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke (n₁=66)</td>
<td>83%</td>
<td>12%</td>
<td>85%</td>
<td>33%</td>
<td>32%</td>
<td>20%</td>
<td>8%</td>
<td>3%</td>
<td>48%</td>
<td>23%</td>
<td>9%</td>
<td>3%</td>
<td>12%</td>
</tr>
<tr>
<td>Brain (n₁=23)</td>
<td>87%</td>
<td>17%</td>
<td>83%</td>
<td>43%</td>
<td>43%</td>
<td>26%</td>
<td>17%</td>
<td>0%</td>
<td>30%</td>
<td>48%</td>
<td>9%</td>
<td>17%</td>
<td>39%</td>
</tr>
<tr>
<td>Neurological conditions (n₁=55)</td>
<td>91%</td>
<td>15%</td>
<td>87%</td>
<td>58%</td>
<td>45%</td>
<td>42%</td>
<td>4%</td>
<td>7%</td>
<td>40%</td>
<td>22%</td>
<td>15%</td>
<td>15%</td>
<td>15%</td>
</tr>
<tr>
<td>Spinal cord (n₁=0)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>Amputee (n₁=9)</td>
<td>111%</td>
<td>0%</td>
<td>56%</td>
<td>44%</td>
<td>89%</td>
<td>44%</td>
<td>11%</td>
<td>0%</td>
<td>11%</td>
<td>56%</td>
<td>0%</td>
<td>0%</td>
<td>22%</td>
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<tr>
<td>Arthritis (n₁=6)</td>
<td>100%</td>
<td>50%</td>
<td>33%</td>
<td>67%</td>
<td>17%</td>
<td>17%</td>
<td>0%</td>
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<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>17%</td>
</tr>
<tr>
<td>Pain (n₁=33)</td>
<td>97%</td>
<td>61%</td>
<td>64%</td>
<td>58%</td>
<td>18%</td>
<td>9%</td>
<td>12%</td>
<td>6%</td>
<td>0%</td>
<td>9%</td>
<td>9%</td>
<td>15%</td>
<td>3%</td>
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<tr>
<td>Orthopaedic – fractures (n₁=61)</td>
<td>100%</td>
<td>33%</td>
<td>41%</td>
<td>56%</td>
<td>30%</td>
<td>13%</td>
<td>8%</td>
<td>3%</td>
<td>5%</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>16%</td>
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<tr>
<td>Orthopaedic - replacements (n₁=414)</td>
<td>99%</td>
<td>73%</td>
<td>36%</td>
<td>33%</td>
<td>28%</td>
<td>15%</td>
<td>14%</td>
<td>8%</td>
<td>0%</td>
<td>1%</td>
<td>2%</td>
<td>0%</td>
<td>4%</td>
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<tr>
<td>Orthopaedic – other (n₁=65)</td>
<td>95%</td>
<td>65%</td>
<td>38%</td>
<td>57%</td>
<td>12%</td>
<td>8%</td>
<td>6%</td>
<td>3%</td>
<td>0%</td>
<td>3%</td>
<td>6%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Cardiac (n₁=17)</td>
<td>88%</td>
<td>6%</td>
<td>24%</td>
<td>41%</td>
<td>12%</td>
<td>6%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>12%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Pulmonary (n₁=9)</td>
<td>78%</td>
<td>11%</td>
<td>56%</td>
<td>78%</td>
<td>44%</td>
<td>22%</td>
<td>22%</td>
<td>11%</td>
<td>22%</td>
<td>22%</td>
<td>22%</td>
<td>22%</td>
<td>22%</td>
</tr>
<tr>
<td>Burns (n₁=0)</td>
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<td></td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Congenital deformity (n₁=2)</td>
<td>100%</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>100%</td>
<td>50%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>Other disabling impairments (n₁=38)</td>
<td>82%</td>
<td>5%</td>
<td>42%</td>
<td>42%</td>
<td>8%</td>
<td>32%</td>
<td>13%</td>
<td>3%</td>
<td>11%</td>
<td>13%</td>
<td>5%</td>
<td>5%</td>
<td>3%</td>
</tr>
<tr>
<td>Major multiple trauma (n₁=6)</td>
<td>83%</td>
<td>17%</td>
<td>83%</td>
<td>67%</td>
<td>17%</td>
<td>17%</td>
<td>0%</td>
<td>0%</td>
<td>17%</td>
<td>17%</td>
<td>0%</td>
<td>17%</td>
<td>17%</td>
</tr>
<tr>
<td>Developmental disability (n₁=0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Reconditioning (n₁=70)</td>
<td>83%</td>
<td>17%</td>
<td>49%</td>
<td>66%</td>
<td>39%</td>
<td>16%</td>
<td>10%</td>
<td>4%</td>
<td>7%</td>
<td>6%</td>
<td>14%</td>
<td>6%</td>
<td>10%</td>
</tr>
</tbody>
</table>
## Services received by impairment group

### Your Service 2015

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Domestic Assistance</th>
<th></th>
<th>Social Support</th>
<th></th>
<th>Nursing Care</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prior (n₁)</td>
<td>During (n₂)</td>
<td>Post (n₃)</td>
<td>Prior (n₁)</td>
<td>During (n₂)</td>
<td>Post (n₃)</td>
</tr>
<tr>
<td>Stroke (n₁=66/n₂=66/n₃=63)</td>
<td>21%</td>
<td>26%</td>
<td>25%</td>
<td>6%</td>
<td>9%</td>
<td>8%</td>
</tr>
<tr>
<td>Brain (n₁=24/n₂=24/n₃=23)</td>
<td>25%</td>
<td>38%</td>
<td>30%</td>
<td>8%</td>
<td>13%</td>
<td>9%</td>
</tr>
<tr>
<td>Neuro conditions (n₁=55/n₂=55/n₃=53)</td>
<td>33%</td>
<td>35%</td>
<td>30%</td>
<td>5%</td>
<td>4%</td>
<td>2%</td>
</tr>
<tr>
<td>Spinal cord (n₁=0/n₂=0/n₃=0)</td>
<td>22%</td>
<td>56%</td>
<td>11%</td>
<td>0%</td>
<td>11%</td>
<td>0%</td>
</tr>
<tr>
<td>Amputee (n₁=9/n₂=9/n₃=9)</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Arthritis (n₁=6/n₂=6/n₃=6)</td>
<td>27%</td>
<td>30%</td>
<td>24%</td>
<td>9%</td>
<td>9%</td>
<td>3%</td>
</tr>
<tr>
<td>Pain (n₁=33/n₂=33/n₃=33)</td>
<td>36%</td>
<td>65%</td>
<td>41%</td>
<td>0%</td>
<td>10%</td>
<td>5%</td>
</tr>
<tr>
<td>Ortho – fractures (n₁=61/n₂=62/n₃=59)</td>
<td>13%</td>
<td>24%</td>
<td>11%</td>
<td>0%</td>
<td>3%</td>
<td>1%</td>
</tr>
<tr>
<td>Ortho - replacements (n₁=414/n₂=416/n₃=412)</td>
<td>29%</td>
<td>43%</td>
<td>23%</td>
<td>2%</td>
<td>5%</td>
<td>0%</td>
</tr>
<tr>
<td>Ortho – other (n₁=65/n₂=65/n₃=64)</td>
<td>29%</td>
<td>24%</td>
<td>18%</td>
<td>24%</td>
<td>18%</td>
<td>18%</td>
</tr>
<tr>
<td>Cardiac (n₁=17/n₂=17/n₃=17)</td>
<td>44%</td>
<td>33%</td>
<td>33%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Pulmonary (n₁=9/n₂=9/n₃=9)</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Burns (n₁=0/n₂=0/n₃=0)</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Congenital deformity (n₁=2/n₂=2/n₃=2)</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Other impairments (n₁=39/n₂=39/n₃=38)</td>
<td>31%</td>
<td>38%</td>
<td>24%</td>
<td>8%</td>
<td>10%</td>
<td>8%</td>
</tr>
<tr>
<td>Major multiple trauma (n₁=6/n₂=6/n₃=6)</td>
<td>0%</td>
<td>17%</td>
<td>33%</td>
<td>0%</td>
<td>17%</td>
<td>0%</td>
</tr>
<tr>
<td>Developmental disability (n₁=0/n₂=0/n₃=0)</td>
<td>40%</td>
<td>44%</td>
<td>41%</td>
<td>4%</td>
<td>4%</td>
<td>3%</td>
</tr>
</tbody>
</table>

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
### Services received by impairment group

#### Your Service 2015

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Allied Health Care</th>
<th>Personal Care</th>
<th>Meals</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prior (n₁) % of episodes</td>
<td>During (n₂) % of episodes</td>
<td>Post (n₃) % of episodes</td>
</tr>
<tr>
<td>Stroke (n₁=66/n₂=66/n₃=63)</td>
<td>2% 14% 19%</td>
<td>5% 11% 8%</td>
<td>14% 18% 14%</td>
</tr>
<tr>
<td>Brain (n₁=24/n₂=24/n₃=23)</td>
<td>8% 8% 9%</td>
<td>13% 17% 17%</td>
<td>17% 25% 22%</td>
</tr>
<tr>
<td>Neuro conditions (n₁=55/n₂=55/n₃=53)</td>
<td>9% 9% 21%</td>
<td>13% 15% 9%</td>
<td>16% 18% 15%</td>
</tr>
<tr>
<td>Spinal cord (n₁=0/n₂=0/n₃=0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amputee (n₁=9/n₂=9/n₃=9)</td>
<td>0% 11% 22%</td>
<td>0% 11% 0%</td>
<td>0% 22% 0%</td>
</tr>
<tr>
<td>Arthritis (n₁=6/n₂=6/n₃=6)</td>
<td>0% 17% 0%</td>
<td>17% 17% 0%</td>
<td>17% 17% 0%</td>
</tr>
<tr>
<td>Pain (n₁=33/n₂=33/n₃=33)</td>
<td>3% 12% 3%</td>
<td>0% 0% 0%</td>
<td>9% 18% 6%</td>
</tr>
<tr>
<td>Ortho – fractures (n₁=61/n₂=62/n₃=59)</td>
<td>0% 10% 3%</td>
<td>10% 24% 10%</td>
<td>11% 35% 10%</td>
</tr>
<tr>
<td>Ortho - replacements (n₁=414/n₂=416/n₃=412)</td>
<td>7% 8% 2%</td>
<td>1% 4% 0%</td>
<td>2% 13% 1%</td>
</tr>
<tr>
<td>Ortho – other (n₁=65/n₂=65/n₃=64)</td>
<td>2% 2% 2%</td>
<td>0% 6% 0%</td>
<td>6% 22% 3%</td>
</tr>
<tr>
<td>Cardiac (n₁=17/n₂=17/n₃=17)</td>
<td>0% 12% 12%</td>
<td>0% 0% 0%</td>
<td>12% 24% 12%</td>
</tr>
<tr>
<td>Pulmonary (n₁=9/n₂=9/n₃=9)</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
<td>11% 22% 11%</td>
</tr>
<tr>
<td>Burns (n₁=0/n₂=0/n₃=0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Congenital deformity (n₁=2/n₂=2/n₃=2)</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Other impairments (n₁=39/n₂=39/n₃=38)</td>
<td>3% 41% 5%</td>
<td>5% 13% 5%</td>
<td>13% 15% 8%</td>
</tr>
<tr>
<td>Major multiple trauma (n₁=6/n₂=6/n₃=6)</td>
<td>0% 17% 17%</td>
<td>0% 17% 0%</td>
<td>0% 17% 17%</td>
</tr>
<tr>
<td>Developmental disability (n₁=0/n₂=0/n₃=0)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reconditioning (n₁=68/n₂=70/n₃=66)</td>
<td>3% 13% 2%</td>
<td>6% 9% 6%</td>
<td>10% 19% 11%</td>
</tr>
</tbody>
</table>
## Services received by impairment group

### Your Service 2015

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Provision of goods &amp; equipment</th>
<th>Transport services</th>
<th>Case Management</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prior (n₁) % of episodes</td>
<td>During (n₂) % of episodes</td>
<td>Post (n₃) % of episodes</td>
</tr>
<tr>
<td>Stroke (n₁=66/n₂=66/n₃=63)</td>
<td>11% 15% 16%</td>
<td>12% 20% 16%</td>
<td>2% 3% 5%</td>
</tr>
<tr>
<td>Brain (n₁=24/n₂=24/n₃=23)</td>
<td>13% 13% 13%</td>
<td>13% 21% 30%</td>
<td>13% 25% 26%</td>
</tr>
<tr>
<td>Neuro conditions (n₁=55/n₂=55/n₃=53)</td>
<td>13% 15% 13%</td>
<td>16% 18% 17%</td>
<td>2% 4% 2%</td>
</tr>
<tr>
<td>Spinal cord (n₁=0/n₂=0/n₃=0)</td>
<td>13% 15% 13%</td>
<td>16% 18% 17%</td>
<td>2% 4% 2%</td>
</tr>
<tr>
<td>Amputee (n₁=9/n₂=9/n₃=9)</td>
<td>11% 11% 0%</td>
<td>0% 22% 0%</td>
<td>0% 11% 0%</td>
</tr>
<tr>
<td>Arthritis (n₁=6/n₂=6/n₃=6)</td>
<td>0% 0% 0%</td>
<td>17% 33% 17%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Pain (n₁=33/n₂=33/n₃=33)</td>
<td>3% 12% 3%</td>
<td>9% 15% 6%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Ortho – fractures (n₁=61/n₂=62/n₃=59)</td>
<td>3% 12% 3%</td>
<td>9% 15% 6%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Ortho - replacements (n₁=414/n₂=416/n₃=412)</td>
<td>3% 12% 3%</td>
<td>9% 15% 6%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Ortho – other (n₁=65/n₂=65/n₃=64)</td>
<td>3% 12% 3%</td>
<td>9% 15% 6%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Cardiac (n₁=17/n₂=17/n₃=17)</td>
<td>0% 0% 0%</td>
<td>24% 24% 24%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Pulmonary (n₁=9/n₂=9/n₃=9)</td>
<td>0% 0% 0%</td>
<td>11% 11% 0%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Burns (n₁=0/n₂=0/n₃=0)</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Congenital deformity (n₁=2/n₂=2/n₃=2)</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Other impairments (n₁=39/n₂=39/n₃=38)</td>
<td>5% 5% 5%</td>
<td>10% 18% 13%</td>
<td>8% 21% 8%</td>
</tr>
<tr>
<td>Major multiple trauma (n₁=6/n₂=6/n₃=6)</td>
<td>5% 5% 5%</td>
<td>10% 18% 13%</td>
<td>8% 21% 8%</td>
</tr>
<tr>
<td>Developmental disability (n₁=0/n₂=0/n₃=0)</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
<td>0% 0% 0%</td>
</tr>
<tr>
<td>Reconditioning (n₁=68/n₂=70/n₃=66)</td>
<td>3% 9% 5%</td>
<td>21% 27% 21%</td>
<td>0% 3% 0%</td>
</tr>
</tbody>
</table>
Outcome measures

The following section presents analysis of each of the following elements:

- Episode length........................................................................................................................................... 30
- Occasions of service....................................................................................................................................... 36
- Employment status......................................................................................................................................... 40
- Independence outcomes............................................................................................................................... 43
- Lawton's score change................................................................................................................................. 46
- Lawton's score outcomes - all episodes......................................................................................................... 50
- Lawton's score outcomes - impairment specific........................................................................................... 57
## Elapsed days by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>N</th>
<th>Mean Elapsed Days</th>
<th>Trimmed Data Range*</th>
<th>N</th>
<th>Mean Elapsed Days</th>
<th>Trimmed Data Range*</th>
<th>N</th>
<th>Mean Elapsed Days</th>
<th>Trimmed Data Range*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke</td>
<td>59</td>
<td>65.9</td>
<td>(28 - 136)</td>
<td>68</td>
<td>60.9</td>
<td>(26 - 113)</td>
<td>625</td>
<td>61.9</td>
<td>(24 - 113)</td>
</tr>
<tr>
<td>Brain</td>
<td>23</td>
<td>61.5</td>
<td>(36 - 84)</td>
<td>16</td>
<td>87.2</td>
<td>(44 - 302)</td>
<td>175</td>
<td>57.9</td>
<td>(25 - 96)</td>
</tr>
<tr>
<td>Neurological conditions</td>
<td>51</td>
<td>55.6</td>
<td>(24 - 93)</td>
<td>38</td>
<td>59.5</td>
<td>(30 - 114)</td>
<td>439</td>
<td>60.9</td>
<td>(23 - 111)</td>
</tr>
<tr>
<td>Spinal cord</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>&lt;5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Amputee</td>
<td>8</td>
<td>86.8</td>
<td>-</td>
<td>7</td>
<td>80.9</td>
<td>-</td>
<td>75</td>
<td>88.1</td>
<td>(29 - 197)</td>
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<tr>
<td>Arthritis</td>
<td>6</td>
<td>52.3</td>
<td>-</td>
<td>11</td>
<td>75.9</td>
<td>(38 - 141)</td>
<td>81</td>
<td>50.8</td>
<td>(24 - 94)</td>
</tr>
<tr>
<td>Pain</td>
<td>31</td>
<td>54.8</td>
<td>(24 - 85)</td>
<td>35</td>
<td>54.9</td>
<td>(27 - 106)</td>
<td>328</td>
<td>50.8</td>
<td>(24 - 94)</td>
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<tr>
<td>Orthopaedic – fractures</td>
<td>59</td>
<td>69.5</td>
<td>(27 - 142)</td>
<td>45</td>
<td>54.7</td>
<td>(24 - 99)</td>
<td>508</td>
<td>61.2</td>
<td>(24 - 120)</td>
</tr>
<tr>
<td>Orthopaedic - replacements</td>
<td>406</td>
<td>42.2</td>
<td>(18 - 74)</td>
<td>375</td>
<td>44.4</td>
<td>(23 - 78)</td>
<td>3,815</td>
<td>41.7</td>
<td>(21 - 71)</td>
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<tr>
<td>Orthopaedic – other</td>
<td>61</td>
<td>46.7</td>
<td>(22 - 89)</td>
<td>51</td>
<td>58.4</td>
<td>(26 - 88)</td>
<td>568</td>
<td>52.9</td>
<td>(24 - 95)</td>
</tr>
<tr>
<td>Cardiac</td>
<td>17</td>
<td>52.6</td>
<td>(31 - 85)</td>
<td>11</td>
<td>58.4</td>
<td>(44 - 86)</td>
<td>191</td>
<td>49.7</td>
<td>(27 - 79)</td>
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<tr>
<td>Pulmonary</td>
<td>9</td>
<td>51.4</td>
<td>-</td>
<td>12</td>
<td>32.3</td>
<td>(18 - 55)</td>
<td>95</td>
<td>55.4</td>
<td>(29 - 93)</td>
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<tr>
<td>Burns</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>&lt;5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Congenital deformity</td>
<td>2</td>
<td>47.5</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>6</td>
<td>62.5</td>
<td>-</td>
</tr>
<tr>
<td>Other disabling impairments</td>
<td>38</td>
<td>50.9</td>
<td>(8 - 150)</td>
<td>48</td>
<td>53.3</td>
<td>(12 - 113)</td>
<td>283</td>
<td>47.3</td>
<td>(11 - 108)</td>
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<tr>
<td>Major multiple trauma</td>
<td>5</td>
<td>47.8</td>
<td>-</td>
<td>1</td>
<td>148.0</td>
<td>-</td>
<td>28</td>
<td>78.7</td>
<td>(37 - 186)</td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>&lt;5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>66</td>
<td>67.4</td>
<td>(27 - 132)</td>
<td>79</td>
<td>55.7</td>
<td>(22 - 111)</td>
<td>785</td>
<td>59.5</td>
<td>(24 - 100)</td>
</tr>
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<td>Missing or Invalid</td>
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<td>72</td>
<td>-</td>
<td>536</td>
<td>530</td>
<td>-</td>
<td>536</td>
<td>530</td>
<td>-</td>
</tr>
</tbody>
</table>

* *Includes middle 90% of episodes*
Elapsed days by impairment group

Average Elapsed Days (Weeks)

Impairment Group

- Stroke (n₁ = 59, n₃ = 625)
- Brain (n₁ = 23, n₃ = 175)
- Neurological conditions (n₁ = 51, n₃ = 439)
- Spinal cord (n₁ = 0, n₃ = 5)
- Amputee (n₁ = 8, n₃ = 75)
- Arthritis (n₁ = 6, n₃ = 328)
- Pain (n₁ = 31, n₃ = 3815)
- Ortho - fractures (n₁ = 59, n₃ = 508)
- Ortho - replacements (n₁ = 406, n₃ = 38815)
- Other - ortho (n₁ = 61, n₃ = 588)
- Cardiac (n₁ = 17, n₃ = 191)
- Pulmonary (n₁ = 9, n₃ = 95)
- Burns (n₁ = 0, n₃ = 5)
- Congenital deformity (n₁ = 2, n₃ = 6)
- Other disabling impairments (n₁ = 38, n₃ = 283)
- Major multiple trauma (n₁ = 5, n₃ = 28)
- Developmental disability (n₁ = 0, n₃ = 5)
- Reconditioning (n₁ = 66, n₃ = 785)

Your Service 2015 (n₁) vs All Submitting Services 2015 (n₃)
### Days seen by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>Mean Days Seen</td>
<td>Trimmed Data Range*</td>
</tr>
<tr>
<td>Stroke</td>
<td>59</td>
<td>13.4 (5 - 26)</td>
<td></td>
</tr>
<tr>
<td>Brain</td>
<td>21</td>
<td>16.1 (8 - 31)</td>
<td></td>
</tr>
<tr>
<td>Neurological conditions</td>
<td>51</td>
<td>12.0 (5 - 16)</td>
<td></td>
</tr>
<tr>
<td>Spinal cord</td>
<td>0</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Amputee</td>
<td>8</td>
<td>23.5 -</td>
<td></td>
</tr>
<tr>
<td>Arthritis</td>
<td>6</td>
<td>9.7 -</td>
<td></td>
</tr>
<tr>
<td>Pain</td>
<td>31</td>
<td>9.4 (6 - 13)</td>
<td></td>
</tr>
<tr>
<td>Orthopaedic – fractures</td>
<td>59</td>
<td>12.8 (6 - 22)</td>
<td></td>
</tr>
<tr>
<td>Orthopaedic - replacements</td>
<td>402</td>
<td>9.9 (5 - 16)</td>
<td></td>
</tr>
<tr>
<td>Orthopaedic – other</td>
<td>61</td>
<td>9.5 (5 - 16)</td>
<td></td>
</tr>
<tr>
<td>Cardiac</td>
<td>17</td>
<td>10.2 (7 - 13)</td>
<td></td>
</tr>
<tr>
<td>Pulmonary</td>
<td>9</td>
<td>10.2 -</td>
<td></td>
</tr>
<tr>
<td>Burns</td>
<td>0</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Congenital deformity</td>
<td>2</td>
<td>10.0 -</td>
<td></td>
</tr>
<tr>
<td>Other disabling impairments</td>
<td>35</td>
<td>10.7 (3 - 19)</td>
<td></td>
</tr>
<tr>
<td>Major multiple trauma</td>
<td>6</td>
<td>21.0 -</td>
<td></td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Reconditioning</td>
<td>67</td>
<td>12.3 (5 - 20)</td>
<td></td>
</tr>
<tr>
<td>Missing or Invalid</td>
<td>45</td>
<td>12.3 (5 - 20)</td>
<td></td>
</tr>
<tr>
<td><strong>All Impairments</strong></td>
<td><strong>879</strong></td>
<td><strong>11.1 (5 - 19)</strong></td>
<td></td>
</tr>
</tbody>
</table>

* Includes middle 90% of episodes
Days seen by impairment group

![Bar chart showing average days seen by impairment group]

- Stroke (n₁=59, n₃=609)
- Brain (n₁=21, n₃=168)
- Neurological conditions (n₁=43, n₃=435)
- Spinal cord (n₁=0, n₃=325)
- Amputee (n₁=8, n₃=72)
- Arthritis (n₁=6, n₃=61)
- Pain (n₁=31, n₃=332)
- Ortho - fractures (n₁=59, n₃=380)
- Ortho - replacements (n₁=61, n₃=56)
- Ortho - other (n₁=17, n₃=191)
- Cardiac (n₁=9, n₃=95)
- Pulmonary (n₁=9, n₃=95)
- Burns (n₁=0, n₃=5)
- Congenital deformity (n₁=2, n₃=6)
- Other disabling impairments (n₁=35, n₃=289)
- Major multiple trauma (n₁=6, n₃=28)
- Developmental disability (n₁=0, n₃=5)
- Reconditioning (n₁=67, n₃=788)

Average Days Seen

Impairment Group

- Your Service 2015 (n₁)
- All Submitting Services 2015 (n₃)
### Days seen per elapsed week by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average Days</td>
<td>Trimming Data Range*</td>
<td>Average Days</td>
</tr>
<tr>
<td></td>
<td>N</td>
<td>Seen / Elapsed Week</td>
<td></td>
</tr>
<tr>
<td>Stroke</td>
<td>58</td>
<td>1.7 (0.6 - 2.6)</td>
<td></td>
</tr>
<tr>
<td>Brain</td>
<td>21</td>
<td>2.1 (1.1 - 4.0)</td>
<td></td>
</tr>
<tr>
<td>Neurological conditions</td>
<td>50</td>
<td>1.8 (0.9 - 2.3)</td>
<td></td>
</tr>
<tr>
<td>Spinal cord</td>
<td>0</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Amputee</td>
<td>8</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Arthritis</td>
<td>6</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Pain</td>
<td>31</td>
<td>1.5 (0.7 - 2.3)</td>
<td></td>
</tr>
<tr>
<td>Orthopaedic - fractures</td>
<td>59</td>
<td>1.6 (0.7 - 2.2)</td>
<td></td>
</tr>
<tr>
<td>Orthopaedic - replacements</td>
<td>400</td>
<td>1.9 (1.0 - 2.6)</td>
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</tr>
<tr>
<td>Orthopaedic - other</td>
<td>60</td>
<td>1.6 (0.8 - 2.3)</td>
<td></td>
</tr>
<tr>
<td>Cardiac</td>
<td>17</td>
<td>1.5 (0.9 - 2.0)</td>
<td></td>
</tr>
<tr>
<td>Pulmonary</td>
<td>9</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>Burns</td>
<td>0</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Congenital deformity</td>
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<tr>
<td>Other disabling impairments</td>
<td>34</td>
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<tr>
<td>Major multiple trauma</td>
<td>5</td>
<td>2.2</td>
<td></td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Reconditioning</td>
<td>66</td>
<td>1.6 (0.7 - 2.3)</td>
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</tr>
<tr>
<td>Missing or Invalid</td>
<td>54</td>
<td>1.6 (0.8 - 2.3)</td>
<td></td>
</tr>
</tbody>
</table>

* Includes middle 90% of episodes
Days seen per elapsed week by impairment group

Average Days Seen per Elapsed Week

Impairment Group

- Stroke: (n₁=58/n₃=600)
- Brain: (n₁=21/n₃=165)
- Neurological conditions: (n₁=50/n₃=431)
- Spinal cord: (n₁=0/n₃=<5)
- Amputee: (n₁=72)
- Arthritis: (n₁=6/n₃=79)
- Pain: (n₁=31/n₃=320)
- Ortho - fractures: (n₁=59/n₃=542)
- Ortho - replacements: (n₁=60/n₃=563)
- Ortho - other: (n₁=60/n₃=563)
- Cardiac: (n₁=17/n₃=190)
- Pulmonary: (n₁=9/n₃=95)
- Burns: (n₁=0/n₃=<5)
- Congenital deformity: (n₁=2/n₃=6)
- Other disabling impairments: (n₁=34/n₃=267)
- Major multiple trauma: (n₁=5/n₃=5)
- Allergy/immunological: (n₁=3/n₃=3)
- Congenital condition: (n₁=5/n₃=5)
- Other/unknown: (n₁=1/n₃=<5)
- Reconditioning: (n₁=66/n₃=778)

Impairment Group
- Your Service 2015 (n₁)
- All Submitting Services 2015 (n₃)

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015

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## Occasions of service by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>N</th>
<th>Average Occasions of Service</th>
<th>Trimmed Data Range*</th>
<th>N</th>
<th>Average Occasions of Service</th>
<th>Trimmed Data Range*</th>
<th>N</th>
<th>Average Occasions of Service</th>
<th>Trimmed Data Range*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke</td>
<td>59</td>
<td>32.4</td>
<td>(8 - 70)</td>
<td>70</td>
<td>44.2</td>
<td>(6 - 80)</td>
<td>604</td>
<td>34.5</td>
<td>(7 - 67)</td>
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<tr>
<td>Brain</td>
<td>21</td>
<td>35.3</td>
<td>(11 - 61)</td>
<td>15</td>
<td>51.4</td>
<td>(12 - 116)</td>
<td>167</td>
<td>32.8</td>
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<td>Neurological conditions</td>
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<td>36</td>
<td>28.9</td>
<td>(5 - 56)</td>
<td>433</td>
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<td>(6 - 60)</td>
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<td>-</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>-</td>
<td>&lt;5</td>
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<td>-</td>
</tr>
<tr>
<td>Amputee</td>
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<td>50.8</td>
<td>-</td>
<td>7</td>
<td>56.7</td>
<td>-</td>
<td>73</td>
<td>44.9</td>
<td>(7 - 125)</td>
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<tr>
<td>Arthritis</td>
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<td>18.5</td>
<td>-</td>
<td>11</td>
<td>23.8</td>
<td>(14 - 35)</td>
<td>80</td>
<td>32.2</td>
<td>(11 - 60)</td>
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<td>(9 - 50)</td>
<td>323</td>
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<td>(11 - 54)</td>
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<td>Orthopaedic – fractures</td>
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<td>(9 - 54)</td>
<td>46</td>
<td>26.7</td>
<td>(10 - 48)</td>
<td>507</td>
<td>30.3</td>
<td>(9 - 58)</td>
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<td>29.9</td>
<td>(12 - 39)</td>
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<td>11</td>
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<td>(28 - 52)</td>
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<td>0</td>
<td>-</td>
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<td>&lt;5</td>
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<td>46</td>
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<td>-</td>
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<td>76</td>
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<td>(9 - 49)</td>
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<td>465</td>
<td>27.9</td>
<td>(10 - 51)</td>
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* Includes middle 90% of episodes
Occasions of service by impairment group

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<tr>
<th>Impairment Group</th>
<th>Your Service 2015 (n₁)</th>
<th>All Submitting Services 2015 (n₃)</th>
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<tbody>
<tr>
<td>Stroke</td>
<td>32/59=60.4</td>
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<tr>
<td>Brain</td>
<td>21/61=16.7</td>
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<tr>
<td>Neurological conditions</td>
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<tr>
<td>Spinal cord</td>
<td>6/43=13.9</td>
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<tr>
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<tr>
<td>Arthritis</td>
<td>6/8=75.0</td>
<td></td>
</tr>
<tr>
<td>Pain</td>
<td>31/3=33.3</td>
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</tr>
<tr>
<td>Ortho - fractures</td>
<td>59/7=84.6</td>
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</tr>
<tr>
<td>Ortho - replacements</td>
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<tr>
<td>Ortho - other</td>
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<tr>
<td>Cardiac</td>
<td>561/6=93.5</td>
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</tr>
<tr>
<td>Pulmonary</td>
<td>191/9=21.2</td>
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</tr>
<tr>
<td>Burns</td>
<td>0/6=0.0</td>
<td></td>
</tr>
<tr>
<td>Congenital deformity</td>
<td>2/2=100.0</td>
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</tr>
<tr>
<td>Other disabling impairments</td>
<td>365/6=60.8</td>
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<tr>
<td>Major multiple trauma</td>
<td>28/6=46.7</td>
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<tr>
<td>Developmental disability</td>
<td>228/6=38.0</td>
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<tr>
<td>Reconditioning</td>
<td>788/6=131.3</td>
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# Occasions of service per day seen by impairment group

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<th>Impairment group</th>
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<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
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<td>Average</td>
<td>Trimed Data Range*</td>
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<td>Data Range*</td>
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<td>Stroke</td>
<td>58</td>
<td>2.6</td>
<td>(1.2 - 4.1)</td>
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<tr>
<td>Brain</td>
<td>21</td>
<td>2.1</td>
<td>(1.2 - 3.1)</td>
</tr>
<tr>
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<td>2.9</td>
<td>(1.5 - 4.2)</td>
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<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Amputee</td>
<td>8</td>
<td>1.9</td>
<td>-</td>
</tr>
<tr>
<td>Arthritis</td>
<td>6</td>
<td>2.2</td>
<td>-</td>
</tr>
<tr>
<td>Pain</td>
<td>31</td>
<td>3.0</td>
<td>(2.0 - 3.5)</td>
</tr>
<tr>
<td>Orthopaedic – fractures</td>
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<td>(1.5 - 3.0)</td>
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<tr>
<td>Cardiac</td>
<td>17</td>
<td>2.9</td>
<td>(2.0 - 6.0)</td>
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<tr>
<td>Pulmonary</td>
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<td>-</td>
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<tr>
<td>Other disabling impairments</td>
<td>32</td>
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<td>(1.0 - 3.0)</td>
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<tr>
<td>Major multiple trauma</td>
<td>5</td>
<td>3.3</td>
<td>-</td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>66</td>
<td>2.3</td>
<td>(1.0 - 3.2)</td>
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<tr>
<td>Missing or Invalid</td>
<td>56</td>
<td>2.3</td>
<td>(1.0 - 3.2)</td>
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<td><strong>880</strong></td>
<td><strong>2.5</strong></td>
<td><strong>(1.2 - 3.4)</strong></td>
</tr>
</tbody>
</table>

* Includes middle 90% of episodes
Occasions of service per day seen by impairment group
Employment outcomes by impairment group

A patient with an ‘equivalent employment outcome’ is in:
• the same or similar job with same or similar hours
  or
• a different job by choice

A patient with a ‘reduced employment outcome’ is in:
• the same or similar job with reduced hours
  or
• a different job due to reduced function
  or
• not able to work

Employment outcomes are only considered for patients who were employed prior to injury/impairment or exacerbation of impairment.
### Employment outcomes by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th></th>
<th>Your Service 2014</th>
<th></th>
<th>All Submitting Services 2015</th>
<th></th>
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<tr>
<td></td>
<td>Employed Prior to Impair</td>
<td>Equivalent Employment Outcome (%)</td>
<td>Employed Prior to Impair</td>
<td>Equivalent Employment Outcome (%)</td>
<td>Employed Prior to Impair</td>
<td>Equivalent Employment Outcome (%)</td>
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<td>18</td>
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<td>14.3</td>
<td>60</td>
<td>30.0</td>
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<td>8</td>
<td>25.0</td>
<td>74</td>
<td>50.0</td>
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<td>Spinal cord</td>
<td>0</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>&lt;5</td>
<td>-</td>
</tr>
<tr>
<td>Amputee</td>
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<td>50.0</td>
<td>3</td>
<td>66.7</td>
<td>13</td>
<td>30.8</td>
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<td>-</td>
<td>0</td>
<td>-</td>
<td>10</td>
<td>80.0</td>
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<td>Pain</td>
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<td>57.1</td>
<td>9</td>
<td>44.4</td>
<td>55</td>
<td>63.6</td>
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<td>Orthopaedic – fractures</td>
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<td>66.7</td>
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<td>57.6</td>
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<td>81.8</td>
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<td>75.0</td>
<td>90</td>
<td>60</td>
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<td>0</td>
<td>-</td>
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<td>50.0</td>
</tr>
<tr>
<td>Burns</td>
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<td>-</td>
<td>0</td>
<td>-</td>
<td>&lt;5</td>
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</tr>
<tr>
<td>Congenital deformity</td>
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<td>0</td>
<td>-</td>
<td>&lt;5</td>
<td>-</td>
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<td>16</td>
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<td>6.7</td>
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<td>0</td>
<td>-</td>
<td>&lt;5</td>
<td>-</td>
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<td>&lt;5</td>
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<td><strong>168</strong></td>
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Employment outcomes by impairment group

Your Service 2015 ($n_1$)

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<th>Equivalent employment outcome</th>
<th>Reduced employment outcome</th>
<th>Chosen to retire</th>
<th>Too early to determine</th>
</tr>
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<td>Stroke ($n_1=12$)</td>
<td>33.3%</td>
<td>16.7%</td>
<td>41.7%</td>
<td>8.3%</td>
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<tr>
<td>Brain ($n_1=6$)</td>
<td></td>
<td></td>
<td>16.7%</td>
<td></td>
</tr>
<tr>
<td>Neuro conditions ($n_1=12$)</td>
<td></td>
<td></td>
<td>41.7%</td>
<td></td>
</tr>
<tr>
<td>Spinal cord ($n_1=0$)</td>
<td></td>
<td></td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Amputee ($n_1=2$)</td>
<td></td>
<td></td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Arthritis ($n_1=0$)</td>
<td></td>
<td></td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Pain ($n_1=7$)</td>
<td>57.1%</td>
<td>44.4%</td>
<td>23.1%</td>
<td></td>
</tr>
<tr>
<td>Ortho-fractures ($n_1=9$)</td>
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<td>76.8%</td>
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</tr>
<tr>
<td>Ortho-replacements ($n_1=95$)</td>
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<td>66.7%</td>
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<tr>
<td>Ortho-other ($n_1=12$)</td>
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<td>14.3%</td>
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</tr>
<tr>
<td>Cardiac ($n_1=2$)</td>
<td></td>
<td></td>
<td>100%</td>
<td></td>
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<tr>
<td>Pulmonary ($n_1=0$)</td>
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<td>0%</td>
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</tr>
<tr>
<td>Burns ($n_1=0$)</td>
<td></td>
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<td>0%</td>
<td></td>
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<tr>
<td>Congenital deformity ($n_1=0$)</td>
<td></td>
<td></td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>Other impairments ($n_1=2$)</td>
<td></td>
<td></td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Major multiple trauma ($n_1=2$)</td>
<td></td>
<td></td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Developmental disability ($n_1=0$)</td>
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<td>0%</td>
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Proportion of Employed Patients

All Submitting Services 2015 ($n_3$)

<table>
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<th>Impairment</th>
<th>Equivalent employment outcome</th>
<th>Reduced employment outcome</th>
<th>Chosen to retire</th>
<th>Too early to determine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke ($n_3=150$)</td>
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<tr>
<td>Brain ($n_3=60$)</td>
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<td>30.0%</td>
<td></td>
</tr>
<tr>
<td>Neuro conditions ($n_3=74$)</td>
<td></td>
<td></td>
<td>50.0%</td>
<td></td>
</tr>
<tr>
<td>Spinal cord ($n_3=&lt;5$)</td>
<td></td>
<td></td>
<td>50.0%</td>
<td></td>
</tr>
<tr>
<td>Amputee ($n_3=13$)</td>
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<td>Arthritis ($n_3=10$)</td>
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</tr>
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<td>Pain ($n_3=55$)</td>
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<td>Cardiac ($n_3=43$)</td>
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<td></td>
</tr>
<tr>
<td>Burns ($n_3=&lt;5$)</td>
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<td></td>
<td>50.0%</td>
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</tr>
<tr>
<td>Congenital deformity ($n_3=&lt;5$)</td>
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<td>50.0%</td>
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<tr>
<td>Other impairments ($n_3=16$)</td>
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<td>Major multiple trauma ($n_3=15$)</td>
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<td>6.7%</td>
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</tr>
<tr>
<td>Developmental disability ($n_3=&lt;5$)</td>
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<td>100%</td>
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<tr>
<td>Reconditioning ($n_3=101$)</td>
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<td>30.7%</td>
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</table>

Proportion of Employed Patients
Independence outcomes by impairment group

Independence outcomes are based on changes in accommodation and carer status.

Independence is ranked using the following order:

- High
  - Private residence & no carer needed
  - Private residence & carer needed
- Low
  - Community group home, boarding house, transitional living unit
  - Residential aged care*

A patient is defined as having 'equivalent independence' when:
- independence after the rehabilitation episode was the same or greater than prior to rehabilitation

A patient is defined as having 'reduced independence' when:
- independence after the rehabilitation episode was less than before rehabilitation
### Independence outcomes by impairment group

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>Equivalent Independence Outcome (%)</td>
<td>N</td>
</tr>
<tr>
<td>----------------------------------</td>
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<td>-----------------------------------</td>
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<td>69</td>
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<tr>
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<tr>
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<td>11</td>
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<td>31</td>
<td>93.5</td>
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<tr>
<td>Orthopaedic – fractures</td>
<td>59</td>
<td>89.8</td>
<td>43</td>
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<tr>
<td>Orthopaedic - replacements</td>
<td>402</td>
<td>95.3</td>
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<tr>
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<td>61</td>
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<td>52</td>
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<tr>
<td>Cardiac</td>
<td>17</td>
<td>100.0</td>
<td>11</td>
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<tr>
<td>Pulmonary</td>
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<td>100.0</td>
<td>12</td>
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<tr>
<td>Burns</td>
<td>0</td>
<td>-</td>
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<tr>
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<tr>
<td>Other disabling impairments</td>
<td>38</td>
<td>86.8</td>
<td>47</td>
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<tr>
<td>Major multiple trauma</td>
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<td>80.0</td>
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<tr>
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<td>0</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>65</td>
<td>90.8</td>
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</tr>
<tr>
<td>Missing</td>
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<td>53</td>
<td>402</td>
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<tr>
<td><strong>All Impairments</strong></td>
<td>879</td>
<td>91.5</td>
<td>847</td>
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</table>
Independence outcomes

Your Service 2015 (n₁)

Stroke (n₁=60) 78.3%
Brain (n₁=22) 77.3%
Neuro conditions (n₁=50) 86.0%
Spinal cord (n₁=0) 100.0%
Amputee (n₁=7) 85.7%
Arthritis (n₁=6) 100.0%
Pain (n₁=31) 93.5%
Ortho-fractures (n₁=59) 89.8%
Ortho-replacements (n₁=402) 95.3%
Ortho-other (n₁=61) 90.2%
Cardiac (n₁=17) 100.0%
Pulmonary (n₁=9) 100.0%
Burns (n₁=0) 0%
Congenital deformity (n₁=1) 86.8%
Other impairments (n₁=38) 80.0%
Major multiple trauma (n₁=5) 80.0%
Developmental disability (n₁=0) 0%
Reconditioning (n₁=65) 90.8%

Proportion of patients

Equivalent Independence
Reduced Independence

All Submitting Services 2015 (n₃)

Stroke (n₃=623) 81.1%
Brain (n₃=175) 80.6%
Neuro conditions (n₃=437) 88.3%
Spinal cord (n₃=<5) 100.0%
Amputee (n₃=70) 88.6%
Arthritis (n₃=81) 96.3%
Pain (n₃=328) 95.7%
Ortho-fractures (n₃=511) 86.9%
Ortho-replacements (n₃=3810) 96.3%
Ortho-other (n₃=564) 90.6%
Cardiac (n₃=191) 99.0%
Pulmonary (n₃=95) 95.8%
Burns (n₃=<5) 100.0%
Congenital deformity (n₃=5) 100.0%
Other impairments (n₃=283) 95.1%
Major multiple trauma (n₃=29) 69.0%
Developmental disability (n₃=<5) 91.4%
Reconditioning (n₃=788) 85.7%

Proportion of patients

Equivalent Independence
Reduced Independence
### Lawton's score change

<table>
<thead>
<tr>
<th>Impairment group</th>
<th>Your Service 2015</th>
<th>Your Service 2014</th>
<th>All Submitting Services 2015</th>
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<tbody>
<tr>
<td></td>
<td>N</td>
<td>Average Score Change</td>
<td>N</td>
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<tr>
<td>Stroke</td>
<td>59</td>
<td>1.6</td>
<td>70</td>
</tr>
<tr>
<td>Brain</td>
<td>23</td>
<td>3.7</td>
<td>15</td>
</tr>
<tr>
<td>Neurological conditions</td>
<td>50</td>
<td>0.8</td>
<td>37</td>
</tr>
<tr>
<td>Spinal cord</td>
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<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Amputee</td>
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<td>2.4</td>
<td>7</td>
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<tr>
<td>Arthritis</td>
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<td>1.5</td>
<td>11</td>
</tr>
<tr>
<td>Pain</td>
<td>31</td>
<td>1.6</td>
<td>35</td>
</tr>
<tr>
<td>Orthopaedic – fractures</td>
<td>59</td>
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<td>45</td>
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<tr>
<td>Orthopaedic - replacements</td>
<td>405</td>
<td>6.1</td>
<td>376</td>
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<tr>
<td>Orthopaedic – other</td>
<td>61</td>
<td>4.2</td>
<td>52</td>
</tr>
<tr>
<td>Cardiac</td>
<td>17</td>
<td>1.5</td>
<td>11</td>
</tr>
<tr>
<td>Pulmonary</td>
<td>9</td>
<td>1.3</td>
<td>12</td>
</tr>
<tr>
<td>Burns</td>
<td>0</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Congenital deformity</td>
<td>2</td>
<td>3.0</td>
<td>0</td>
</tr>
<tr>
<td>Other disabling impairments</td>
<td>38</td>
<td>0.6</td>
<td>48</td>
</tr>
<tr>
<td>Major multiple trauma</td>
<td>6</td>
<td>3.2</td>
<td>1</td>
</tr>
<tr>
<td>Developmental disability</td>
<td>0</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Reconditioning</td>
<td>67</td>
<td>1.9</td>
<td>79</td>
</tr>
<tr>
<td>Missing</td>
<td>39</td>
<td>4.7</td>
<td>47</td>
</tr>
<tr>
<td><strong>All Impairments</strong></td>
<td>879</td>
<td>4.1</td>
<td>846</td>
</tr>
</tbody>
</table>
Lawton's score change
Episodes with a Lawton's start score of 30

Percentage of episodes with a start Lawton's score of 30

Impairment Group

- Stroke (n₁=60/n₂=71/n₃=429)
- Brain (n₁=23/n₂=15/n₃=175)
- Neurological conditions (n₁=50/n₂=37/n₃=438)
- Spinal cord (n₁=8/n₂=7/n₃=629)
- Arthritis (n₁=6/n₂=8/n₃=328)
- Pain (n₁=6/n₂=7/n₃=381)
- Ortho - fractures (n₁=59/n₂=60/n₃=512)
- Ortho - replacements (n₁=50/n₂=46/n₃=381)
- Ortho - other (n₁=405/n₂=376/n₃=3815)
- Cardiac (n₁=17/n₂=11/n₃=191)
- Pulmonary (n₁=9/n₂=12/n₃=95)
- Burns (n₁=2/n₂=2/n₃=2)
- Congenital deformity (n₁=2/n₂=1/n₃=6)
- Other disabling impairments (n₁=38/n₂=48/n₃=283)
- Major multiple trauma (n₁=6/n₂=1/n₃=30)
- Developmental disability (n₁=7/n₂=1/n₃=7)
- Reconditioning (n₁=67/n₂=79/n₃=792)

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015

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Episodes with no change in Lawton's score

Percentage of episodes with no change in Lawton's score

Impairment Group

- Stroke: (n₁=59/n₂=70/n₃=920)
- Brain: (n₁=23/n₂=15/n₃=173)
- Neurological conditions: (n₁=50/n₂=37/n₃=42)
- Spinal cord: (n₁=0/n₂=0/n₃=0)
- Arthritis: (n₁=6/n₂=35/n₃=327)
- Amputee: (n₁=7/n₂=7/n₃=620)
- Pain: (n₁=6/n₂=7/n₃=80)
- Ortho - fractures: (n₁=59/n₂=45/n₃=509)
- Ortho - replacements: (n₁=37/n₂=36/n₃=389)
- Ortho - other: (n₁=61/n₂=52/n₃=567)
- Cardiac: (n₁=11/n₂=11/n₃=191)
- Pulmonary: (n₁=6/n₂=12/n₃=95)
- Burns: (n₁=0/n₂=0/n₃=2)
- Congenital deformity: (n₁=2/n₂=0/n₃=6)
- Other disabling impairments: (n₁=38/n₂=48/n₃=283)
- Major multiple trauma: (n₁=6/n₂=31/n₃=30)
- Developmental disability: (n₁=0/n₂=0/n₃=0)
- Reconditioning: (n₁=67/n₂=79/n₃=786)

Your Service 2015 (n₁)  Your Service 2014 (n₂)  All Submitting Services 2015 (n₃)
Lawton's score outcomes - All episodes
Lawton's start and end total - All episodes

Your Service 2015

All Submitting Services 2015
Change in Lawton’s score - All episodes

Your Service 2015($n_1$)

All Submitting Services 2015($n_3$)
Change in Lawton's item scores - All episodes

Your Service 2015\((n_1)\)

All Submitting Services 2015\((n_3)\)

Average Change in Item Score

Average Change in Lawton's Item Score
Lawton’s score change by OOS/day seen -

All episodes

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)

Mean occasions of service per day seen

<table>
<thead>
<tr>
<th>Category</th>
<th>Change in Lawton’s score</th>
<th>Mean occasions of service per day seen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to less than 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>( n_1 = 174 )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 to less than 3</td>
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<td></td>
</tr>
<tr>
<td>( n_1 = 388 )</td>
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<td></td>
</tr>
<tr>
<td>3 to less than 4</td>
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<td></td>
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<tr>
<td>( n_1 = 201 )</td>
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</tr>
<tr>
<td>4 or more</td>
<td></td>
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<tr>
<td>( n_1 = 62 )</td>
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</table>

Change in Lawton’s score

Mean occasions of service per day seen

1 to less than 2
\( (n_3 = 1358) \)

2 to less than 3
\( (n_3 = 3926) \)

3 to less than 4
\( (n_3 = 2026) \)

4 or more
\( (n_3 = 609) \)

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Lawton's score change by onset time - All episodes

Your Service 2015 (n₁)

All Submitting Services 2015 (n₃)
Lawton's score outcomes - impairment specific

The following section presents analysis of Lawton's score outcomes for the top five impairments (determined by volume) for All Submitting Services in this reporting period.

Analysis for Your Service is provided where Your Service has at least 20 episodes for any of these top five impairments.

Year on year analysis of Lawton's score outcomes for all other impairments is available for All Submitting Services in the 'AROC Ambulatory Report (Pathway 4) - Anywhere Hospital – Calendar Year 2013' report, available from the AROC website under 'AROC Annual Report and Benchmarks'.

- Orthopaedic - replacements ................................................................................................................................................. 57
- Orthopaedic - fractures ............................................................................................................................................................. 63
- Orthopaedic - other ................................................................................................................................................................. 69
- Reconditioning ........................................................................................................................................................................... 75
- Stroke ....................................................................................................................................................................................... 81
Lawton's score outcomes - Orthopaedic replacements
Lawton's start and end total - Orthopaedic replacements

Your Service 2015

All Submitting Services 2015
Change in Lawton’s score - Orthopaedic replacements

Your Service 2015(n₁)

All Submitting Services 2015(n₃)
Change in Lawton's item scores - Orthopaedic replacements

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)
Lawton's score change by OOS/day seen - Orthopaedic replacements

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)

Mean occasions of service per day seen

1 to less than 2 \((n_1=47)\)
2 to less than 3 \((n_1=234)\)
3 to less than 4 \((n_1=87)\)
4 or more \((n_1=31)\)

1 to less than 2 \((n_3=360)\)
2 to less than 3 \((n_3=2187)\)
3 to less than 4 \((n_3=967)\)
4 or more \((n_3=258)\)
Lawton's score change by onset time - Orthopaedic replacements

Your Service 2015($n_1$)

All Submitting Services 2015($n_3$)
Lawton's score outcomes - Orthopaedic fractures
Lawton’s start and end total - Orthopaedic fractures

Your Service 2015

All Submitting Services 2015

Proportion of episodes

Total Lawton’s Score

Lawton’s Start Total (n1=59)  Lawton’s End Total (n2=59)

Lawton’s Start Total (n1=512)  Lawton’s End Total (n2=509)

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Change in Lawton's score - Orthopaedic fractures

Your Service 2015($n_1$)  All Submitting Services 2015($n_3$)

Proportion of episodes

Change in Lawton's Score ($n_1=59$)

Proportion of episodes

Change in Lawton's Score ($n_3=509$)
Change in Lawton's item scores - Orthopaedic fractures

Your Service 2015\(n_1\)

All Submitting Services 2015\(n_3\)
Lawton's score change by OOS/day seen - Orthopaedic fractures

Your Service 2015\(n_1\)

<table>
<thead>
<tr>
<th>Mean occasions of service per day seen</th>
<th>Change in Lawton's score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to less than 2 (n=22)</td>
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</tr>
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<td>2 to less than 3 (n=21)</td>
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<tr>
<td>3 to less than 4 (n=16)</td>
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<td>4 or more (n=0)</td>
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All Submitting Services 2015\(n_3\)

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<th>Mean occasions of service per day seen</th>
<th>Change in Lawton's score</th>
</tr>
</thead>
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<td>1 to less than 2 (n=125)</td>
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</tr>
<tr>
<td>2 to less than 3 (n=254)</td>
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</tr>
<tr>
<td>3 to less than 4 (n=100)</td>
<td></td>
</tr>
<tr>
<td>4 or more (n=18)</td>
<td></td>
</tr>
</tbody>
</table>
Lawton's score change by onset time - Orthopaedic fractures

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)
Lawton's score outcomes - Orthopaedic other
Change in Lawton's score - Orthopaedic other

Your Service 2015\(n_1\)

All Submitting Services 2015\(n_3\)

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Change in Lawton's item scores - Orthopaedic other

Your Service 2015(n₁)

All Submitting Services 2015(n₃)
Lawton's score change by OOS/day seen - Orthopaedic other

Your Service 2015($n_1$)

All Submitting Services 2015($n_3$)
Lawton's score change by onset time - Orthopaedic other

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)

Onset time

Change in Lawton's score

Onset time
Lawton's score outcomes - Reconditioning
Lawton's start and end total - Reconditioning

Your Service 2015

All Submitting Services 2015

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Change in Lawton's score - Reconditioning

Your Service 2015\( (n_1) \)  
All Submitting Services 2015\( (n_3) \)

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Change in Lawton's item scores - Reconditioning

Your Service 2015 ($n_1$)

All Submitting Services 2015 ($n_3$)

Average Change in Lawton's Item Score

AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
Lawton's score change by OOS/day seen -

Reconditioning

Your Service 2015(n₁)

-10
-5
0
5
10
15
20

1 to less than 2 (n₁=22)
2 to less than 3 (n₁=25)
3 to less than 4 (n₁=16)
4 or more (n₁=3)

Mean occasions of service per day seen

Change in Lawton's score

All Submitting Services 2015(n₃)

-10
-5
0
5
10
15
20

1 to less than 2 (n₃=179)
2 to less than 3 (n₃=352)
3 to less than 4 (n₃=191)
4 or more (n₃=49)

Mean occasions of service per day seen

Change in Lawton's score
Lawton's score change by onset time - Reconditioning

Your Service 2015($n_1$)

All Submitting Services 2015($n_3$)
Lawton's score outcomes - Stroke
Change in Lawton's score - Stroke

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)

Proportion of episodes

Change in Lawton's Score \( (n_1=59) \)

Change in Lawton's Score \( (n_3=620) \)
Change in Lawton's item scores - Stroke

Your Service 2015 (n₁)

Average Change in Lawton's Item Score

- Telephone (n=59)
- Shopping (n=59)
- Food Preparation (n=59)
- Housekeeping (n=59)
- Laundry (n=59)
- Transportation (n=59)
- Medications (n=59)
- Finances (n=59)

All Submitting Services 2015 (n₃)

Average Change in Lawton's Item Score

- Telephone (n=621)
- Shopping (n=622)
- Food Preparation (n=622)
- Housekeeping (n=622)
- Laundry (n=622)
- Transportation (n=621)
- Medications (n=622)
- Finances (n=622)
Lawton's score change by OOS/day seen - Stroke

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)

Change in Lawton's score

Mean occasions of service per day seen

-10
-5
0
5
10
15
20

1 to less than 2 \( (n=21) \)
2 to less than 3 \( (n=15) \)
3 to less than 4 \( (n=15) \)
4 or more \( (n=6) \)

Change in Lawton's score

Mean occasions of service per day seen

-10
-5
0
5
10
15
20

1 to less than 2 \( (n=224) \)
2 to less than 3 \( (n=180) \)
3 to less than 4 \( (n=124) \)
4 or more \( (n=60) \)
Lawton's score change by onset time - Stroke

Your Service 2015\( (n_1) \)

All Submitting Services 2015\( (n_3) \)
Appendices

• Appendix A: The Australian Modified Lawton's ................................................................. 88
• Appendix B: Definition of terms .................................................................................. 89
• Appendix C: Interpreting box plots .............................................................................. 91
• Appendix D: AROC impairment codes V2 .................................................................. 92
Appendix A - The Australian Modified Lawton's

• The Australian Modified Lawton's represents a sensitive measure of the outcome of ambulatory rehabilitation as it relates to instrumental tasks, such as a patient's ability to do their own shopping, cleaning, cooking, manage their finances, skills that demonstrate their independence in the wider context

• In general most participants in ambulatory care have already demonstrated a degree of functional independence, thus a straight ADL tool (such as the FIM), is not an appropriate outcome measure in this setting

• The Lawton's tool is quick and easy to administer, requires minimal training, and is not discipline or impairment specific

• The Lawton's is endorsed by AFRM as the over-arching ambulatory benchmarking outcome tool of choice

• It has demonstrated validity and reliability in measurement of outcomes

• The Lawton's is not suggested to replace any service or impairment specific outcome measures that services may already collect or are considering collecting, but to provide a platform from which to launch a national benchmarking program with the expectation of further development over time
Appendix B - Definition of terms

**Episode**

The program of ambulatory rehabilitation. A completed episode is one with a mode of episode end of discharge/case closure.

**Elapsed time**

The elapsed time describes the number of days from commencement to end of an ambulatory rehabilitation program. It is calculated as the episode end date minus the start date.

**Days Seen**

Days seen is the number of days within an episode of ambulatory rehabilitation on which an occasion of service has been provided.

**Occasions of Service (OOS)**

An occasion of service is any therapy session and / or therapist contact within an episode. A patient may have several occasions of service on a 'day seen' and these may be delivered by the same or different staff type. Total occasions of service reflects the total number of therapy sessions provided to the patient during those visits. For example:

Mr Jones attends the program on Monday, Wednesday and Friday. On Monday he sees the physio and also attends hydrotherapy. On Wednesday he has a group exercise session, sees the OT and the speech pathologist. On Friday he sees the physio and attends hydrotherapy again. This program continues for 6 weeks. At week 7 his program is reviewed and he only needs to attend group exercise therapy and hydrotherapy twice a week until the program concludes at week 12.

The total number of days seen in this instance is \((3 \times 6) + (2 \times 6) = 30\)

The total occasions of service in this instance is \((7 \times 6) + (4 \times 6) = 66\)
Definition of terms (continued)

Therapy type
Reflects the type of therapy the patient is receiving and is collected by staff type. Where a single staff type provides more than one therapy, e.g. hydrotherapy provided/supervised by a physiotherapist, the staff type selected should reflect the type of therapy session the patient is receiving.

ADL
Activities of daily living describe a person’s level of functioning in basic physical activities such as bathing, dressing, transferring, toileting, continence, eating, and walking.

IADL
Instrumental activities of daily living (also known as extended or domestic activities of daily living), describe tasks that enable a person to live independently in the community and include, but not are limited to, light housework, preparing meals, taking medications, shopping for groceries, using the telephone, and managing money.

Lawton’s score
The score recorded using the Australian Modified Lawton’s Instrumental Activities of Daily Living (IADL) Scale at both the beginning and end of an ambulatory rehabilitation program.

Valid Lawton’s score
A valid Lawton’s score requires all items within the scale to have a value assigned and be completed for both the episode begin and episode end assessments.

Lawton’s change
The calculated difference between the valid Lawton’s score at the begin and the end of the ambulatory rehabilitation episode.
Appendix C - Interpreting box plots

Box Plots

Box plots, or box-and-whisker plots, provide insight into the distribution of observations within a data set by dividing it into four sections. The box indicates the spread of the central 50% of the data; the median is denoted by a horizontal line through the box. The portion of the box above the median line denotes the 50th - 75th percentile range. Likewise, the portion of the box below the median denotes the 25th-50th percentile range. The whiskers represent the full range of data, the whisker above the box extends to the maximum data value and the whisker below the box extends to the minimum data value.
### Appendix D - AROC impairment codes V2

#### STROKE

**Haemorrhagic:**
- 1.11 Left body involvement
- 1.12 Right body involvement
- 1.13 Bilateral involvement
- 1.14 No paresis
- 1.19 Other stroke

**Ischaemic:**
- 1.21 Left body involvement (right brain)
- 1.22 Right body involvement (left brain)
- 1.23 Bilateral involvement
- 1.24 No paresis
- 1.29 Other stroke

#### NEUROLOGICAL CONDITIONS

- 3.1 Multiple sclerosis
- 3.2 Parkinsonism
- 3.3 Polyneuropathy
- 3.4 Guillain-Barre
- 3.5 Cerebral palsy
- 3.8 Neuromuscular disorders
- 3.9 Other neurologic conditions

#### SPINAL CORD DYSFUNCTION

**Non-Traumatic:**
- 4.111 Paraplegia, incomplete
- 4.112 Paraplegia, complete
- 4.1211 Quadriplegia, incomplete C1-4
- 4.1212 Quadriplegia, incomplete C5-8
- 4.1221 Quadriplegia, complete C1-4
- 4.1222 Quadriplegia, complete C5-8
- 4.13 Other non-traumatic SCI

**Traumatic:**
- 4.211 Paraplegia, incomplete
- 4.212 Paraplegia, complete
- 4.2211 Quadriplegia, incomplete C1-4
- 4.2212 Quadriplegia, incomplete C5-8
- 4.2221 Quadriplegia, complete C1-4
- 4.2222 Quadriplegia, complete C5-8
- 4.23 Other traumatic SCI

#### BRAIN DYSFUNCTION

**Non-Traumatic:**
- 2.11 Sub-arachnoid haemorrhage
- 2.12 Anoxic brain damage
- 2.13 Other non-traumatic brain dysfunction

**Traumatic:**
- 2.21 Open injury
- 2.22 Closed injury
AROC impairment codes V2 (continued)

**AMPUTATION OF LIMB**

*Not resulting from trauma:*
- 5.11 Single upper above elbow
- 5.12 Single upper below elbow
- 5.13 Single lower above knee
  (includes through the knee)
- 5.14 Single lower below knee
- 5.15 Double lower above knee
  (includes through the knee)
- 5.16 Double lower above/below knee
- 5.17 Double lower below knee
- 5.18 Partial foot (single or double)
- 5.19 Other amputation not from trauma

*Resulting from trauma:*
- 5.21 Single upper above elbow
- 5.22 Single upper below elbow
- 5.23 Single lower above knee
  (includes through the knee)
- 5.24 Single lower below knee
- 5.25 Double lower above knee
  (includes through the knee)
- 5.26 Double lower above/below knee
- 5.27 Double lower below knee
- 5.28 Partial foot (single or double)
- 5.29 Other amputation from trauma

**ARTHRITIS**
- 6.1 Rheumatoid arthritis
- 6.2 Osteoarthritis
- 6.9 Other arthritis

**PAIN SYNDROMES**
- 7.1 Neck pain
- 7.2 Back pain
- 7.3 Extremity pain
- 7.4 Headache (includes migraine)
- 7.5 Multi-site pain
- 7.9 Other pain
  (includes abdominal/chest wall)

**ORTHOPAEDIC CONDITIONS**

*Fracture:* (includes dislocation)
- 8.111 Fracture of hip, unilateral (include #NOF)
- 8.112 Fracture of hip, bilateral (include #NOF)
- 8.12 Fracture of shaft of femur
- 8.13 Fracture of pelvis
- 8.141 Fracture of knee
- 8.142 Fracture of lower leg, ankle, foot
- 8.15 Fracture of upper limb
- 8.16 Fracture of spine
- 8.17 Fracture of multiple sites
- 8.19 Other orthopaedic fracture

*Post orthopaedic surgery:*
- 8.211 Unilateral hip replacement
- 8.212 Bilateral hip replacement
- 8.221 Unilateral knee replacement
- 8.222 Bilateral knee replacement
- 8.231 Knee and hip replacement, same side
- 8.232 Knee and hip replacement, different sides
- 8.24 Shoulder replacement
- 8.25 Post spinal surgery
- 8.26 Other orthopaedic surgery

*Soft tissue injury:*
- 8.3 Soft tissue injury
### AROC impairment codes V2 (continued)

<table>
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<tr>
<th>CARDIAC</th>
<th>MAJOR MULTIPLE TRAUMA</th>
</tr>
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<tbody>
<tr>
<td>9.1 Following recent onset of new cardiac impairment</td>
<td>14.1 Brain + spinal cord injury</td>
</tr>
<tr>
<td>9.2 Chronic cardiac insufficiency</td>
<td>14.2 Brain + multiple fracture/amputation</td>
</tr>
<tr>
<td>9.3 Heart and heart/lung transplant</td>
<td>14.3 Spinal cord + multiple fracture/amputation</td>
</tr>
<tr>
<td></td>
<td>14.9 Other multiple trauma</td>
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<tr>
<th>PULMONARY</th>
<th>DEVELOPMENTAL DISABILITIES</th>
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<tbody>
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<td>10.1 Chronic obstructive pulmonary disease</td>
<td>15.1 Developmental disabilities (excludes cerebral palsy)</td>
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<tr>
<td>10.2 Lung transplant</td>
<td></td>
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<tr>
<td>10.9 Other pulmonary</td>
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<tr>
<th>BURNS</th>
<th>RE-CONDITIONING / RESTORATIVE</th>
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<td>16.1 Re-conditioning following surgery</td>
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<td>16.2 Re-conditioning following medical illness</td>
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<tr>
<th>CONGENITAL DEFORMITIES</th>
<th>OTHER DISABLING IMPAIRMENTS</th>
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<tr>
<td>12.1 Spina bifida</td>
<td>13.1 Lymphoedema</td>
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<tr>
<td>12.9 Other congenital deformity</td>
<td>13.3 Conversion disorder</td>
</tr>
<tr>
<td></td>
<td>13.9 Other disabling impairments that cannot be</td>
</tr>
<tr>
<td></td>
<td>classified into a specific group</td>
</tr>
</tbody>
</table>

### AROC Ambulatory Report (Pathway 4) - Anywhere Hospital from January 2015 to December 2015
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