

# Elective surgery waiting list – long waits

## Key performance indicators 2017/18 – attribute sheets

Identification and definitional attributes	
<b>Short name:</b>	ESWL – Long waits
<b>Indicator type:</b>	SDA; Annual Report; BP3
<b>Description:</b>	The percentage of patients on the elective surgery waiting list at the end of month census date who are ready for care and who waited longer than the clinically recommended time for their urgency category.
<b>Definition:</b>	Sum of the number of elective surgery patients treated from the elective surgery waiting list within the recommended timeframe for each urgency category, divided by the total number of elective surgery patients treated, for each urgency category. Presented as a percentage (%).
<b>Rationale/other context:</b>	<p>Elective surgery describes all non-emergency surgery where admission to hospital can be safely delayed for at least 24 hours. Patients who are referred for elective surgery are classified according to their clinical need into one of three urgency categories.</p> <p>This indicator drives improved timely access to quality elective surgery, and improved case load management and better management and delivery of care. Elective Surgery Waiting List entries are completed once a patient is admitted to a hospital for their procedure or removed for other reasons (e.g. procedure no longer required; received treatment elsewhere).</p>
Calculation attributes	
<b>Calculation:</b>	<p>Calculated overall and separately for each urgency category.</p> <p><b>For reporting Overall:</b>  <math>100 \times ((\text{Urgency Category 1 Numerator} + \text{Urgency Category 2 Numerator} + \text{Urgency Category 3 Numerator}) \div (\text{Urgency Category 1 Denominator} + \text{Urgency Category 2 Denominator} + \text{Urgency Category 3 Denominator}))</math></p> <p><b>For reporting each Urgency Category:</b>  <math>100 \times (\text{Numerator} \div \text{Denominator})</math></p>
<b>Inclusions and exclusions:</b>	<p><b>Inclusions:</b></p> <ul style="list-style-type: none"> <li>• Elective Surgery Waiting List entries in scope for the Elective Surgery Waiting Times (Removals &amp; Census) NMDS.<sup>A</sup> <ul style="list-style-type: none"> <li>○ [Exclusion Ind] equals 'Included'</li> </ul> </li> <li>• Patients 'admitted' from the list           <ul style="list-style-type: none"> <li>○ [Removal Reason] equal to:               <ul style="list-style-type: none"> <li>▪ 'C, Admitted for Procedure'; or</li> <li>▪ 'E, Admitted as Emergency'; or</li> <li>▪ 'Z, Procedure Performed Not Linked to Booking'</li> </ul> </li> </ul> </li> <li>• Patients 'admitted' from the list during the reporting period           <ul style="list-style-type: none"> <li>○ [Removal from list Date] in the reporting period</li> </ul> </li> <li>• Patients 'ready for care'           <ul style="list-style-type: none"> <li>○ [Ready For Care Ind] equal to 'Yes'</li> </ul> </li> </ul> <p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>• Elective surgery waiting list entries not in scope for the Elective Surgery Waiting Times (Removals &amp; Census) NMDS.<sup>A</sup> <ul style="list-style-type: none"> <li>○ [Exclusion Ind] equals 'Excluded'</li> </ul> </li> </ul>

## Elective surgery waiting list – long waits

	<p><u>Waiting time</u> is as defined in the data element '<i>Elective surgery waiting list episode—waiting time (at removal), total days</i>'. Calculated by subtracting the listing date for care from the removal date, minus any days when the patient was 'not ready for care', and also minus any days the patient was waiting with a less urgent clinical urgency category than their clinical urgency category at the time of removal.</p> <p><u>Patients Treated in Time</u> are those patients who were seen with the timeframe for their urgency category:</p> <ul style="list-style-type: none"> <li>• Urgency Category 1 → within 30 days</li> <li>• Urgency Category 2 → within 90 days</li> <li>• Urgency Category 3 → within 365 days</li> </ul> <p>Patients are reported as the final urgency category they were when treated.</p> <p>This NMDS excludes elective surgery waiting list entries for procedures on the exclusion list as defined in the data element '<i>Elective care waiting list episode—elective care type</i>' (METeOR identifier: <a href="#">604410</a>) The following procedures are excluded:</p> <ul style="list-style-type: none"> <li>• biopsy of: <ul style="list-style-type: none"> <li>○ kidney, lung, liver (needle only)</li> </ul> </li> <li>• bronchoscopy (including fibre-optic bronchoscopy)</li> <li>• cosmetic surgery not attracting a Medicare rebate</li> <li>• dental procedures not attracting a Medicare rebate</li> <li>• endoscopy of: <ul style="list-style-type: none"> <li>○ biliary tract and pancreas</li> <li>○ oesophagus</li> <li>○ large intestine, rectum and anus</li> </ul> </li> <li>• endovascular interventional procedures</li> <li>• in vitro fertilisation</li> <li>• miscellaneous cardiac procedures</li> <li>• miscellaneous lower urinary tract procedures</li> <li>• obstetrics</li> <li>• organ or tissue transplant</li> <li>• panendoscopy (except when involving the bladder)</li> <li>• peritoneal and renal dialysis</li> <li>• procedures associated with obstetrics (e.g. elective caesarean section, cervical suture)</li> <li>• other diagnostic and non-surgical procedures</li> </ul> <p>Note: ACHI procedure codes for the above list can be found in the online METeOR definition.</p>	
<p><b>Numerator:</b></p>	<p>Number of patients removed from the elective surgery waiting list who received surgery within the clinically recommended time. Calculated separately for each urgency category.</p>	
<p><b>Numerator variable/universe object</b></p>	<p><b>Data element</b></p> <p>Waiting Time</p> <p>Urgency Category</p> <p>Removal Date</p> <p>Removal Reason</p> <p>Ready For Care Flag</p> <p>Included Procedures</p>	<p><b>Universe Object</b></p> <p>■ NMDS Total Waiting Days Dim</p> <p>■ Clinical Urgency Cde</p> <p>■ Removed from list Date</p> <p>■ Removal Reason Cde</p> <p>■ Ready For Care Ind</p> <p>■ Exclusion Ind</p>

	<p><b>For Urgency Category 1:</b> The number of records where:</p> <ul style="list-style-type: none"> <li>• [Removed from list Date] is within the reporting period; and</li> <li>• [Removal Reason Cde] = 'C' or 'E' or 'Z'</li> <li>• [Clinical Urgency Cde] = 1; and</li> <li>• [NMDS Total Waiting Days] ≥ 30 days; and</li> <li>• [Ready for Care Ind] = 'Yes'; and</li> <li>• [Exclusion Ind] = 'Included'</li> </ul> <p><b>For Urgency Category 2:</b> The number of records where:</p> <ul style="list-style-type: none"> <li>• [Removed from list Date] is within the reporting period; and</li> <li>• [Removal Reason Cde] = 'C' or 'E' or 'Z'</li> <li>• [Clinical Urgency Cde] = 2; and</li> <li>• [NMDS Total Waiting Days] ≥ 90 days; and</li> <li>• [Ready for Care Ind] = 'Yes'; and</li> <li>• [Exclusion Ind] = 'Included'</li> </ul> <p><b>For Urgency Category 3:</b> The number of records where:</p> <ul style="list-style-type: none"> <li>• [Removed from list Date] is within the reporting period; and</li> <li>• [Removal Reason Cde] = 'C' or 'E' or 'Z'</li> <li>• [Clinical Urgency Cde] = 3; and</li> <li>• [NMDS Total Waiting Days] ≥ 365 days; and</li> <li>• [Ready for Care Ind] = 'Yes'; and</li> <li>• [Exclusion Ind] = 'Included'</li> </ul>												
<p><b>Denominator:</b></p>	<p>Total number of patients removed from the elective surgery waiting list who received surgery, calculated separately for each urgency category.</p>												
<p><b>Denominator variable/universe object</b></p>	<table border="0"> <thead> <tr> <th data-bbox="497 1084 660 1115">Data element</th> <th data-bbox="900 1084 1098 1115">Universe Object</th> </tr> </thead> <tbody> <tr> <td data-bbox="497 1133 715 1164">Urgency Category</td> <td data-bbox="900 1133 1177 1164">Clinical Urgency Cde</td> </tr> <tr> <td data-bbox="497 1182 667 1214">Removal Date</td> <td data-bbox="900 1182 1209 1214">Removed from list Date</td> </tr> <tr> <td data-bbox="497 1232 695 1263">Removal Reason</td> <td data-bbox="900 1232 1177 1263">Removal Reason Cde</td> </tr> <tr> <td data-bbox="497 1281 737 1312">Ready For Care Flag</td> <td data-bbox="900 1281 1155 1312">Ready For Care Ind</td> </tr> <tr> <td data-bbox="497 1330 746 1361">Excluded Procedures</td> <td data-bbox="900 1330 1085 1361">Exclusion Ind</td> </tr> </tbody> </table> <p><b>For Urgency Category 1:</b> The number of records where:</p> <ul style="list-style-type: none"> <li>• [Removed from list Date] is within the reporting period; and</li> <li>• [Removal Reason Cde] = 'C' or 'E' or 'Z'</li> <li>• [Clinical Urgency Cde] = 1; and</li> <li>• [Ready for Care Ind] = 'Yes'; and</li> <li>• [Exclusion Ind] = 'Included'</li> </ul> <p><b>For Urgency Category 2:</b> The number of records where:</p> <ul style="list-style-type: none"> <li>• [Removed from list Date] is within the reporting period; and</li> <li>• [Removal Reason Cde] = 'C' or 'E' or 'Z'</li> <li>• [Clinical Urgency Cde] = 2; and</li> <li>• [Ready for Care Ind] = 'Yes'; and</li> <li>• [Exclusion Ind] = 'Included'</li> </ul> <p><b>For Urgency Category 3:</b> The number of records where:</p> <ul style="list-style-type: none"> <li>• [Removed from list Date] is within the reporting period; and</li> <li>• [Removal Reason Cde] = 'C' or 'E' or 'Z'</li> <li>• [Clinical Urgency Cde] = 3 ; and</li> </ul>	Data element	Universe Object	Urgency Category	Clinical Urgency Cde	Removal Date	Removed from list Date	Removal Reason	Removal Reason Cde	Ready For Care Flag	Ready For Care Ind	Excluded Procedures	Exclusion Ind
Data element	Universe Object												
Urgency Category	Clinical Urgency Cde												
Removal Date	Removed from list Date												
Removal Reason	Removal Reason Cde												
Ready For Care Flag	Ready For Care Ind												
Excluded Procedures	Exclusion Ind												

**Elective surgery waiting list – long waits**

	<ul style="list-style-type: none"> <li>[Ready for Care Ind] = 'Yes'; and</li> <li>[Exclusion Ind] = 'Included'</li> </ul>												
<b>Target:</b>	Cat 1: 0% Cat 2/Cat 3: 2.4%												
<b>Target tolerances:</b>	<table border="0"> <thead> <tr> <th></th> <th><b>Cat 1</b></th> <th><b>Cat 2/3</b></th> </tr> </thead> <tbody> <tr> <td>Green (Performing):</td> <td>0%</td> <td>≤2.4%</td> </tr> <tr> <td>Amber (Performance concern): &lt;4.4%</td> <td>&gt;0 - &lt;2.0%</td> <td>&gt;2.4 - &lt;4.4%</td> </tr> <tr> <td>Red (Not performing):</td> <td>≥2.0%</td> <td>≥4.4%</td> </tr> </tbody> </table>		<b>Cat 1</b>	<b>Cat 2/3</b>	Green (Performing):	0%	≤2.4%	Amber (Performance concern): <4.4%	>0 - <2.0%	>2.4 - <4.4%	Red (Not performing):	≥2.0%	≥4.4%
	<b>Cat 1</b>	<b>Cat 2/3</b>											
Green (Performing):	0%	≤2.4%											
Amber (Performance concern): <4.4%	>0 - <2.0%	>2.4 - <4.4%											
Red (Not performing):	≥2.0%	≥4.4%											
<b>Scope:</b>	Health Services												
<b>Reporting and data attributes</b>													
<b>Standard report name:</b>	Bi report: sda dashboard - shared sda reporting												
<b>Standard report location:</b>	Public Folders / Shared Folders / Shared Performance and Reporting / SDA Automation / Completed Reports												
<b>Business intelligence universe:</b>	SDA Reporting.unx												
<b>Reporting level:</b>	<p>This indicator can be represented as a whole of health total, or disaggregated by:</p> <ul style="list-style-type: none"> <li>Health Service</li> <li>Hospital</li> <li>Urgency category</li> </ul> <p>Disaggregation data elements:</p> <table border="0"> <thead> <tr> <th><b>Variable</b></th> <th><b>Universe Object</b></th> </tr> </thead> <tbody> <tr> <td>Health Service</td> <td>▀ Establishment Region Code</td> </tr> <tr> <td>Hospital</td> <td>▀ Establishment Code</td> </tr> <tr> <td>Urgency Category</td> <td>▀ Clinical Urgency Cde</td> </tr> </tbody> </table>	<b>Variable</b>	<b>Universe Object</b>	Health Service	▀ Establishment Region Code	Hospital	▀ Establishment Code	Urgency Category	▀ Clinical Urgency Cde				
<b>Variable</b>	<b>Universe Object</b>												
Health Service	▀ Establishment Region Code												
Hospital	▀ Establishment Code												
Urgency Category	▀ Clinical Urgency Cde												
<b>Data source:</b>	Elective Surgery Waiting List Data Collection via the 'Elective Surgery Waiting List-Prod' universe.												
<b>Period available:</b>	The historical period available is from 1 July 2009.												
<b>Reporting frequency:</b>	Monthly <input checked="" type="checkbox"/> Quarterly <input type="checkbox"/> Annually <input type="checkbox"/>												
<b>Timeliness:</b>	Data is available for reporting three to four working days after the end of month. Data is updated monthly by extracts from CareSys.												
<b>Unit of measure:</b>	Admissions												
<b>Known data issues and limitations:</b>	Data prior to 1 July 2009 is available in the Data Warehouse however quality, completeness and consistency is unknown.												

Relational and compliance attributes	
<p><b>Related national benchmark, target, relevant METeOR references or reporting:</b></p>	<p>National Healthcare Agreement: PI 20b–Waiting times for elective surgery: proportion seen on time, 2017  METeOR identifier: 630040  <a href="http://meteor.aihw.gov.au/content/index.phtml/itemId/630040">http://meteor.aihw.gov.au/content/index.phtml/itemId/630040</a></p> <p>Elective surgery waiting list episode—waiting time (at removal), total days, 2015  METeOR identifier: 471744  <a href="http://meteor.aihw.gov.au/content/index.phtml/itemId/471744">http://meteor.aihw.gov.au/content/index.phtml/itemId/471744</a></p> <p>‘Elective care waiting list episode—elective care type’ 2015  METeOR identifier: 514023  <a href="http://meteor.aihw.gov.au/content/index.phtml/itemId/514023">http://meteor.aihw.gov.au/content/index.phtml/itemId/514023</a></p>
Accountability attributes	
<b>Data custodian:</b>	Manager, Acute Care Information Reporting
<b>Data steward:</b>	Chief Data Officer
<b>Data owner:</b>	Senior Director, System Performance and Grants