

Queensland public hospital operating theatre efficiency

Volume Two - Hospital and Health Services Metrics



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ISSN 1834-1128



Your ref: Our ref: 10675

April 2016

The Honourable P Wellington MP Speaker of the Legislative Assembly Parliament House BRISBANE QLD 4000

Dear Mr Speaker

Report to Parliament

This report is prepared under Part 3 Division 3 of the *Auditor-General Act 2009*, and is titled Queensland public hospital operating theatre efficiency, volume one and volume two.

In accordance with s.67 of the Act, would you please arrange for the report to be tabled in the Legislative Assembly.

Yours sincerely

Mllener

Andrew Greaves Auditor-General

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1. Cairns and Hinterland Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Cairns and Hinterland Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.





Available Sessions vs Utilised Sessions - Hospital

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room–OR–to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time

Actual vs available Session Time - Hospital



Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)





Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time

Avg Changeover Time between Surgery - Hospital



Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time

First Procedure Starting On Time - Hospital



Delay reasons





Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Cairns and Hinterland Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar). Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.





Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

2. Central Queensland Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Central Queensland Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.





Available Sessions vs Utilised Sessions - Hospital

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time

Actual vs available Session Time - Hospital



Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)

Theatre Utilisation % (against Available Session Time) - Hospital



Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time





Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Central Queensland Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



Operation Delays by Reason (% of all Delays)

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Central Queensland Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar)



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar). Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery. On the Day Booking Cancellation Reasons - Frequency %



Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.


3. Central West Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Central West Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital



#Sessions

Actual versus available session time



Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.

Actual vs available Session Time - over Time





Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)

Theatre Utilisation % (against Available Session Time) - Hospital



Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



Operation Delays by Reason (% of all Delays)

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Note: Blank months indicate a nil result.

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Central West Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar). Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a delay of 30 minutes or more that have resulted in a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

4. Children's Health Queensland Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover December 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Children's Health Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital



#Sessions

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.





Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time





Average changeover time



Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.





Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.







Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



First Op %

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations

Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).



Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

5. Darling Downs Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Darling Downs Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital

#Sessions - 100% 2,500 90% 2,000 1,500 80% 1,000 70% 500 0 Dalby Hospital Warwick Hospital Kingaroy Hospital Toowoomba Hospital Number of Total Available Sessions 🛭 🛨 Sessions Utilisation % Number of Utilised Sessions

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Actual versus available session time



Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours. Actual vs available Session Time - over Time



Available Time 📕 Used time

Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)





Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time

Avg Changeover Time between Surgery - Hospital

mins



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Darling Downs Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.

In OR On Time - over Time





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons



Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.
Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Darling Downs Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar). Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

6. Gold Coast Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Gold Coast Hospital and Health Service.

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Gold Coast Hospital and Health Service

Session utilisation

Available Sessions vs Utilised Sessions - over Time #Sessions 500 400 300 200 100 Π 5ep2014 Feb 2015 May 2015 5ep2015 4042015 Dec 2015 Mar 2015 AU92014 Oct 2014 H04201A Dec 201A Jan 2015 APT 2015 Jun 2015 AU92015 1412014 1412015 0012015 📕 Number of Total Available Sessions (excl. planned closures) 📕 Number of Utilised Sessions (EI: all)

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.

#Sessions 6,000
5,000
4,000
4,000
3,000
Gold Coast University Hospital
Number of Total Available Sessions
Sessions Utilisation %
Number of Utilised Sessions

Available Sessions vs Utilised Sessions - Hospital

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time





Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time



Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Gold Coast Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.







Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Gold Coast Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar). Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



7. Mackay Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Mackay Hospital and Health Service.

Session utilisation



Available Sessions vs Utilised Sessions - Hospital

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



#Sessions

Actual versus available session time



Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.







Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation % (against Available Session Time) - Hospital



Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Mackay Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.







Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time

First Procedure Starting On Time - Hospital



Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



Operation Delays by Reason (% of all Delays)

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Mackay Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar). Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.





Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Mackay Hospital and Health Service

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

8. Metro North Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Metro North Hospital and Health Service.

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Metro North Hospital and Health Service

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - over Time



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Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time

Actual vs available Session Time - Hospital



Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)





Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time



Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



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Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Metro North Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations

30% 25% 20% 15% 10% 5% 0% Caboolture Hospital Redcliffe Hospital The Prince Charles Hospital Royal Brisbane and Women's Hospital Hospital Booking Cancellation % (of all booked ops) Booking Cancellation in 24hrs % (of all booked ops) Booking Cancellation on the Day of Surgery (of all booked ops) Booking Cancellation in 48hrs % (of all booked ops)

Booking Cancellations - Hospital (%)

Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.

On the Day Booking Cancellation Reasons - Frequency %



Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

9. Metro South Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Metro South Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.





Available Sessions vs Utilised Sessions - Hospital

Actual versus available session time



Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.





Actual vs available Session Time - over Time

Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)





Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Metro South Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.



In OR On Time - Hospital



Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.









Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



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Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Metro South Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations

Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).



Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Metro South Hospital and Health Service

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

10. North West Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the North West Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital



Actual versus available session time



Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.





Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Average changeover time



Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics North West Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



First operation of any session %

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics North West Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time
Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).

Booking Cancellations - Hospital (%)

PATIENT RELATED

FAILED TO ATTEND - PREADMISSION ... 3% DOCTOR ELECTED NOT TO PERFO ... 2%

5%

10%

15%

HOSPITAL RELATED

20% 25%

30%

35%

0%

NOT APPLICABLE

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

11. South West Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the South West Hospital and Health Service.

Session utilisation

10

0

1412014

Available Sessions vs Utilised Sessions - over Time

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.

Available Sessions vs Utilised Sessions - Hospital

Mar 2015

4002015

Par 2015

May 2015

Jun 2015

Jul 2015

AU92015

Seplots

0012015



#Sessions

Oct 2014

Number of Total Available Sessions (excl. planned closures) 📃 Number of Utilised Sessions (EI: all)

40×201A

Dec201A

13112015

Sep201A

AU92014

Decions

4042015

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time

Actual vs available Session Time - Hospital



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics South West Hospital and Health Service

Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)

Theatre Utilisation % (against Available Session Time) - Hospital



Average changeover time



Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.

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Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics South West Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.



In OR On Time - Hospital



Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time

First Procedure Starting On Time - Hospital



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics South West Hospital and Health Service

Delay reasons





Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics South West Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

12. Sunshine Coast Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance.

Approximately 39 per cent of the Sunshine Coast HHS surgeries have been undertaken in private hospitals under two contractual fee per surgery arrangements, representing approximately 29 per cent of their delivered weighted activity units. This activity is not captured in the Operating Room Management Information System (ORMIS) and performance data for has not been included in this audit. These arrangements require a minimum volume of activity be undertaken in private hospitals. The outsourcing arrangements commenced prior to the period analysed and continued for the duration of the audit.

Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Sunshine Coast Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital #Sessions - 104% 2,500 102% 2,000 - 100% 1,500 98% 1,000 96% 500 94% Gympie Hospital Nambour General Hospital Caloundra Health Service Number of Total Available Sessions 🔶 Sessions Utilisation % Number of Utilised Sessions

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - Hospital

20%

0%

Gympie Hospital

Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Nambour General Hospital

Theatre Utilisation In OR (changeover productive) Theatre Utilisation In OR (changeover lost time)

Theatre Utilisation % (against Available Session Time) - over Time

Caloundra Health Service

Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time

Avg Changeover Time between Surgery - Hospital



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Sunshine Coast Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.







Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time

First Procedure Starting On Time - Hospital



Delay reasons



Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Sunshine Coast Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

13. Torres and Cape Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Torres and Cape Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital



Actual versus available session time



Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.

Actual vs available Session Time - over Time

Actual vs available Session Time - Hospital



Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation % (against Available Session Time) - Hospital


Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.







Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



First operation of any session %

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Torres and Cape Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



14. Townsville Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Townsville Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital



#Sessions

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.





Actual vs available Session Time - Hospital



Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time





Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time



Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Townsville Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

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Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time





Delay reasons



Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.

First operation of any session %

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).





Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Townsville Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations



Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



Bookings Cancelled on the Day (% of all Bookings) - Hospital

15. West Moreton Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the West Moreton Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.



Available Sessions vs Utilised Sessions - Hospital



Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time





Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time





Average changeover time



Displays the average changeover time between elective surgeries.

Avg Changeover Time between Surgery - Hospital



mins

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics West Moreton Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time



Delay reasons



Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics West Moreton Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations

Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).



Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %
Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that has contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

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Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.



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16. Wide Bay Hospital and Health Service

Theatre performance statistics

Volume 2 of Report 15 of 2015–16 is to be read in conjunction with Volume 1 and should not be used and interpreted in isolation. The following graphs and charts represent a variety of performance metrics and trend data we used to assess theatre performance. Care should be taken in comparing Hospital and Health Services and hospitals. Refer to Appendix E in Volume 1 for hospital peer groups.

Unless otherwise stated, all charts and graphs:

- cover July 2014 to December 2015
- are for elective sessions only
- include all hospitals within the Wide Bay Hospital and Health Service.

Session utilisation

Displays the number of sessions made available for bookings compared to the number of utilised sessions (at least one operation) over time and by hospital.





Available Sessions vs Utilised Sessions - Hospital

Actual versus available session time

Displays the utilised session hours (wheeling the patient into the operating room (OR) to wheeling them out, less changeover time) against available session hours.



Actual vs available Session Time - over Time

Actual vs available Session Time - Hospital



Theatre utilisation

Displays the percentage of time used in an elective session against the available hours. It measures from wheeling the patient into the OR to wheeling them out; it discounts early starts or overruns. The red bars include changeover time; the grey bars exclude changeover time.



Theatre Utilisation % (against Available Session Time) - over Time

Theatre Utilisation In OR (Includes changeover time) Theatre Utilisation In OR (Excludes changeover time)





Average changeover time

Displays the average changeover time between elective surgeries, measured from wheeling a patient out to wheeling the next patient in. It excludes any time the patient remains in the operating room waiting for an orderly to take them to recovery or waiting for a recovery bed to become available.



Avg Changeover Time between Surgery - over Time





Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Wide Bay Hospital and Health Service

Starting on time

Wheeling patients into the operating theatre

Displays the percentage of first cases wheeled into theatre by the scheduled start time for the first session (grey bar), second session (green bar) and all sessions (red bar) over time and by hospital.





In OR On Time - Hospital

Commencing the first procedure

Displays the percentage of procedures in all sessions (red bar) and in the first session (grey bar) that commenced within 30 minutes of the scheduled start time over time and by hospital.



First Procedure Starting On Time - over Time

First Procedure Starting On Time - Hospital



Delay reasons

Displays the top eight reported reasons that the first surgery of any session was delayed by 10 minutes or more.



Operation Delays by Reason (% of all Delays)

First operation of any session %

Session overruns

Displays the percentage of:

- sessions with an overrun of 60 minutes or more (red bar)
- sessions with a 30 minute delay or more contributing to overruns of 60 minutes or more (grey bar)
- overruns of 60 minutes or more that had emergency operations in the session (green bar).



% of Overrun Sessions - over Time

Queensland public hospital operating theatre efficiency Volume Two - Hospital and Health Services Metrics Wide Bay Hospital and Health Service

Session underruns

Displays the percentage of:

- sessions with an underrun of 60 minutes or more (red bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation within 24 hours of surgery (grey bar)
- sessions with an underrun of 60 minutes or more that had a booking cancellation on the day of surgery (green bar).



% of Underrun Sessions - over Time

Overruns and underruns

Displays the percentage of sessions with an overrun or underrun of 60 minutes or more by hospital.



% of Overrun and Underrun Sessions - Hospital

Cancellations

Displays the percentage of surgeries cancelled (red bar), within 48 hours (grey bar), within 24 hours of surgery (green bar) and on the day of surgery (blue bar).



Booking Cancellations - Hospital (%)

Displays the top 12 reported patient (grey bar) and hospital (red bar) related reasons for cancellations on the day of surgery.



On the Day Booking Cancellation Reasons - Frequency %

Hospital initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a hospital initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Hospital Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient initiated cancellations in sessions with delays

Displays the percentage of sessions with a 30 minutes or more delayed start that have contributed to a patient initiated cancellation on the day of surgery compared to sessions without a 30 minute delay.



Patient Related Bookings Cancelled on the Day (Proportion of Bookings Cancelled within Delay Margin) - over Time

Patient and hospital initiated cancellations in sessions with delays

Displays by hospital, the percentage of sessions with a delay of 30 minutes or more that have contributed to a cancellation on the day of surgery compared to sessions without a 30 minute delay.

