



West Moreton Hospital and Health Service

Community Health Profile

2015

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West Moreton Hospital and Health Service Community Health Profile, Version 1, 2015

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About West Moreton Hospital and Health Service

West Moreton Hospital and Health Service (West Moreton) was established in July 2012 as a statutory body under the *Hospital and Health Boards Act 2011*. Since 2012, West Moreton has undergone a transformation, designed to support the delivery of organisational goals and good governance under the authority of the Hospital and Health Board and the Chief Executive.

With a budget of \$442.3 million¹ and with approximately 2,640¹ full time equivalent staff, West Moreton is the largest employer in the region.

West Moreton delivers health services across the continuum of care: preventative and primary health care services; clinical support services, ambulatory services; acute care; sub-acute care; oral health; and mental health and specialised services. West Moreton is responsible for the direct management and services provided by the following facilities:

- Boonah Health Service
- Esk Health Service
- Gatton Health Service
- Laidley Health Service
- Ipswich Hospital
- Ipswich Oral Health Clinic
- Ipswich Community Health Plaza
- Goodna Community Health
- The Park Centre for Mental Health.



West Moreton also provides school-based primary oral healthcare services, community mental health services for all age groups and services for alcohol and other drug illnesses. Additionally, West Moreton has a large range of responsibilities for prison health services.

¹ For the 2014/15 financial year period



The community we serve

Situated west of Brisbane, West Moreton services a population that is diverse and includes metropolitan and small rural community settings. In the 2011 census, 17 per cent of the population were born outside Australia, 8 per cent speak a language other than English at home, and 3.5 per cent are Indigenous Australians.

Our area of service covers a region of 9,521km and extends from Ipswich in the east, to Boonah in the south, north to Esk and west to Gatton. West Moreton is comprised of four local government areas:

- Scenic Rim Regional Council
- Lockyer Valley Regional Council
- Somerset Regional Council
- Ipswich City Council.

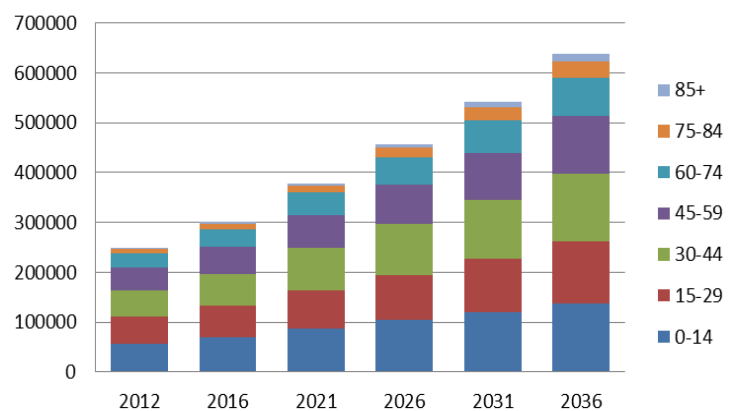


West Moreton is fortunate to have strong networks and relationships with partner organisations, including Darling Downs West Moreton Primary Health Network, Kambu Aboriginal and Torres Strait Islander Corporation for Health and the Ipswich Hospital Foundation. We have also established strong links to our community through our Community Reference Groups. The Community Reference Groups bring the voice of the consumers and the community into the planning, design, delivery and evaluation of health care within West Moreton.

Our population

West Moreton’s estimated resident population was approximately 252,000² in 2012, which is projected to increase to approximately 637,000 by 2036³. This equates to an increase that is in

West Moreton Population



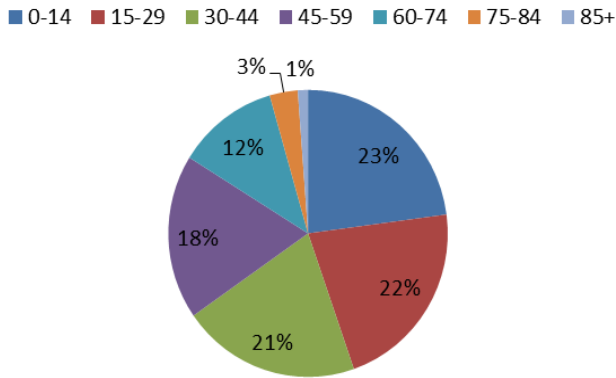
² 2011 Census Data, Australian Bureau of Statistics

³ Queensland Government population projections, 2013 edition; Australian Bureau of Statistics, Population by Age and Sex, Regions of Australia, 2012 (cat no 3235.0)



excess of 150%, making West Moreton the fastest growing hospital and health service in Queensland. By comparison, Queensland as a whole is projected to increase approximately 60% in the same period.

2012 - Population By Age Group



In 2012, the population was evenly distributed between males (50%) and females (50%) which is projected to continue through to 2026. The 0-14 age group accounts for the largest portion of the West Moreton population at 23%, closely followed by the 15-29 age group at 22% and the 30-44 age group at 21%. These trends are expected to continue through to 2036, with slight fluctuations between the 15-29 age group and the 30-44 age group.

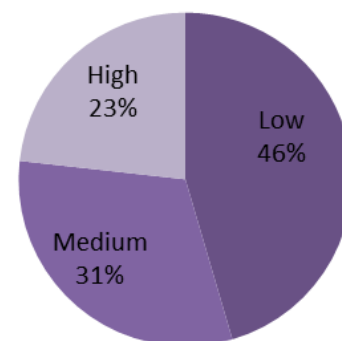
Cultural diversity

Approximately 3.6% of West Moreton’s population are of Aboriginal and Torres Strait Islander decent and 17% were born in a country outside of Australia⁴. 40% of those born overseas, were from the United Kingdom or New Zealand.

Socioeconomic status

Almost half (approximately 45%) of West Moreton’s population are considered to have a low socioeconomic status. 31% of the population is considered to have a medium status and 23% is considered to have a high status.⁵

West Moreton Resident Socioeconomic Status



⁴ 2011 Census Data, Australian Bureau of Statistics

⁵ National Health Performance Authority, Healthy Communities: Avoidable deaths and life expectancies 2009-2011



Health status

In 2011-12, the average life expectancy at birth for West Moreton residents was 80.7 years and in the period 2009-2011 there were 176 deaths per 100,000 people that were potentially avoidable⁵. Within West Moreton's population approximately:

- 71% of the population are overweight or obese
- 38% of the population are obese
- 19% of the population smoke daily
- 14% of adults face a cost barrier to seeing a medical specialist
- 9% of adults face a cost barrier to filling a prescription
- 92% of 1 year old children are immunised
- 91% of 5 year old children are immunised.

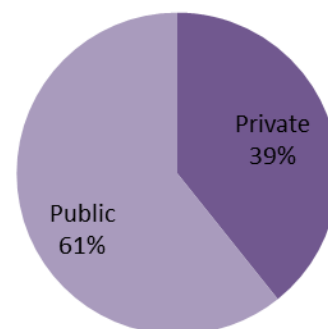
Our population demonstrates lower than average attendances at general practitioners and specialist consultants, yet much higher than average emergency department visits, adult hospital admissions and potentially avoidable hospitalisations⁵. In the main, this translates to our residents not seeking early advice and intervention from their general practitioners, but rather waiting until their illness has reached a severe stage and hospital treatment is required.

Hospital admissions

In 2012-13, a total of 100,644 hospital admissions were recorded for West Moreton residents. Of those, 61,125 were public hospital admissions and 39,519 were private hospital admissions⁶. This equates to 61% of all hospital admissions for West Moreton residents being publicly funded.

Of the 61,125 public hospital admissions, 77% were considered to be medical, 19% were surgical and 4% were procedural (diagnostic gastrointestinal (GI) endoscopy and interventional cardiology)⁶.

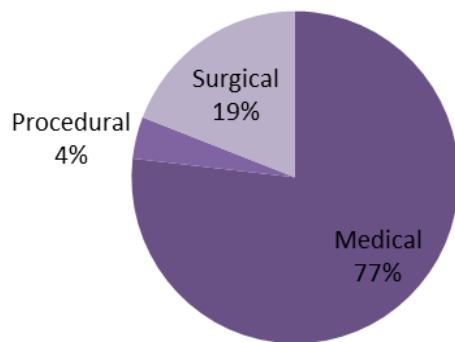
West Moreton Resident Hospital Admissions 2012-13



⁶ 2012-13 base year AIM base case (File: QLD_projections_SQ_09Oct2014.xlsx)



West Moreton Resident Hospital Admission by Type 2012-13



The highest number of admissions in 2012-13 was recorded against the renal dialysis service related group (SRG). With a total of 8,305 admissions, equating to 53 patients receiving 3 treatment sessions per week.

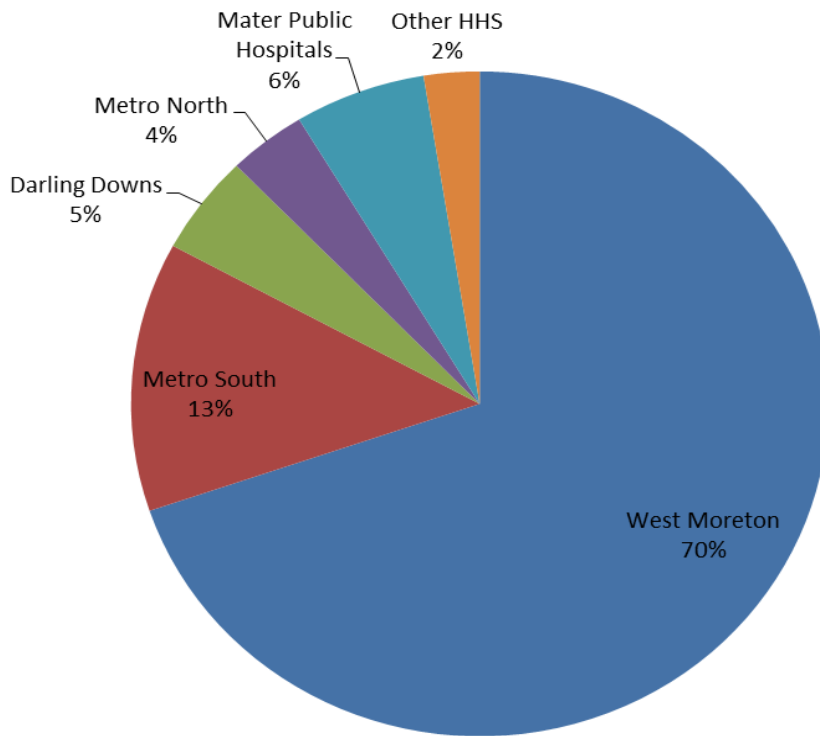
The SRGs of obstetrics, orthopaedics and non-specialty surgery accounted for over 4,000 admissions each, closely followed by respiratory medicine and cardiology which both recorded over 3,000 admissions.

The top 15 SRGs by admission account for 75% of all public hospital admissions and are listed in the table below.

SRG	Public admissions 2012-13
Renal dialysis	8,305
Obstetrics	4,586
Orthopaedics	4,367
Non-specialty surgery	4,348
Cardiology	3,968
Respiratory medicine	3,355
Unqualified neonate	2,744
Non-specialty Medicine	2,605
Neurology	2,450
Non-acute	2,400
Diagnostic GI endoscopy	2,057
Ear, nose and throat	1,852
Gynaecology	1,740
Urology	1,675



West Moreton Public Self-Sufficiency 2012-13

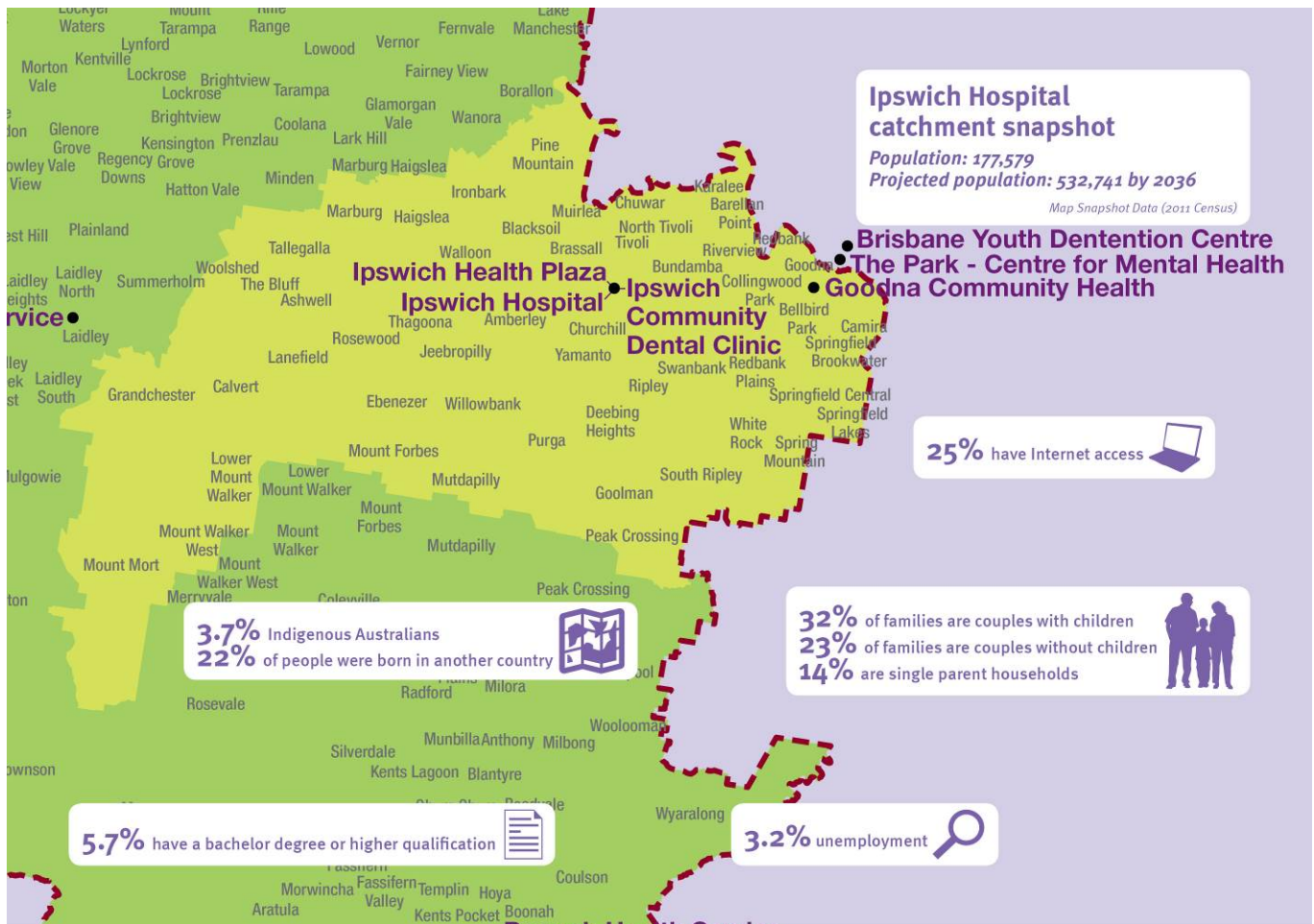


70% of West Moreton residents that were admitted to a hospital for public health services were treated at West Moreton Hospital and Health Service facilities. The majority of the remaining 30% were treated at Metro South, Darling Downs and Metro North Hospital and Health Services as well as the Mater Public Hospitals. The 30% patient out-flow equates to 18,468 patients that had to travel outside of West Moreton’s borders to receive their care.





Ipswich Hospital catchment



The Ipswich Hospital catchment consists of the Ipswich City, Ipswich East and Karana Downs planning regions. The suburbs that are included in each of those planning regions are outlined in the table below.

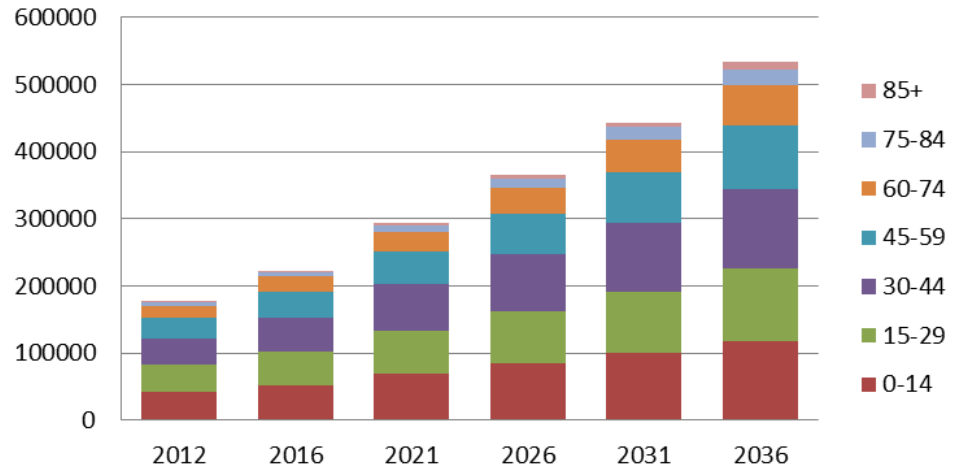
Planning region	Suburbs
Ipswich City	Brassall, Bundamba, Churchill, Yamanto, Ipswich CBD, East Ipswich, North Ipswich, Tivoli, One Mile, Raceview, Ripley, Rosewood, Booval, Ebbw Vale, Eastern Heights, Flinders View, Deebling Heights, Walloon, Thagoona
Ipswich East	Bellbird Park, Brookwater, Camira, Gales, Collingwood Park, Redbank, Redbank Plains, Riverview, Springfield, Springfield Lakes, Carole Park, New Chum
Karana Downs	Karana Downs, Lake Manchester



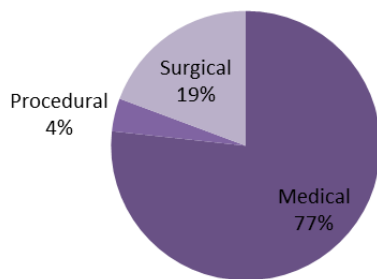
The Ipswich Hospital catchment had an estimated resident population of 177,579 in 2012, which is anticipated to increase to 532,741 by 2036. This represents a 200% increase over the space of 24 years. The dramatic increase in this region is driven by the rapidly growing areas of Springfield and Ripley.

Ipswich Hospital Catchment

In 2012-13 the residents of the Ipswich Hospital catchment recorded a total 72,443 hospital admissions. Of those 43,796 were public hospital admissions, equating to a public-private ratio of 60%/40%.

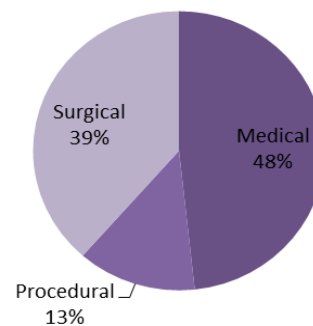


Ipswich Hospital Catchment Resident Public Hospital Admissions 2012/13



The majority (77%) of those public hospital admissions were recorded against a medical diagnosis, followed by surgical at 19%.

Ipswich Hospital Catchment Resident Private Hospital Admissions by Type 2012/13



Medical diagnosis accounted for 48% of private hospital admissions, closely followed by surgical admissions at 39%.



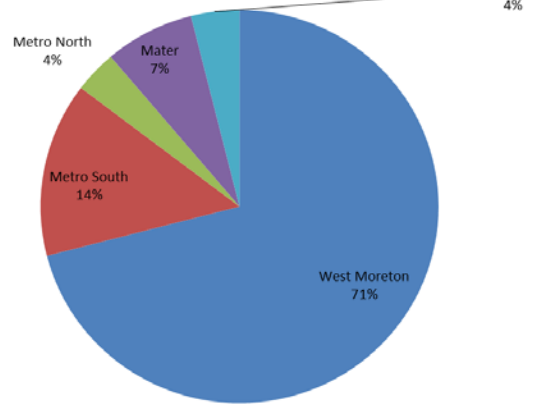
The top 15 SRGs recorded for Ipswich Hospital catchment residents accounted for 79% of all admissions. Renal dialysis accounted for the greatest single proportion at 15% or 6,500 admissions, which equates to 41 patients receiving 3 treatments of renal dialysis per week in 2012-13. Obstetrics accounted for over 3,000 admissions, and orthopaedics, Non-specialty surgery, cardiology and respiratory medicine accounted for over 2,000 admissions each.

SRG	Public admissions 2012-13
Renal dialysis	6,500
Obstetrics	3,474
Orthopaedics	2,955
Non-specialty Surgery	2,818
Cardiology	2,653
Respiratory medicine	2,386
Unqualified neonate	2,219
Non-specialty Medicine	1,770
Non-acute	1,726
Neurology	1,636
Diagnostic GI endoscopy	1,451
Ear, Nose & Throat	1382
Gynaecology	1,297
Urology	1,174
Psychiatry - acute	965

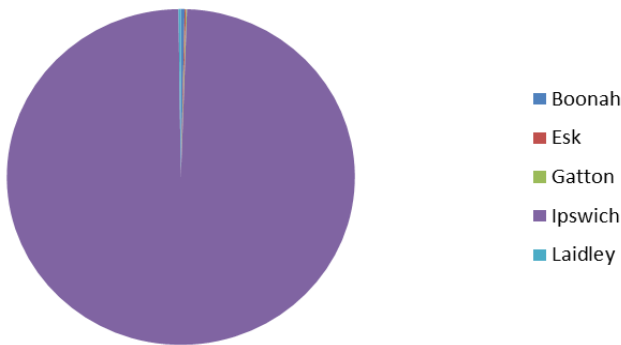


Approximately 71% of hospital admissions were provided at West Moreton Hospital and Health Service facilities, with the majority of the remaining admission being delivered by Mater Public Hospitals and Metro South Hospital and Health Service.

Ipswich Hospital Catchment Public Hospital Admissions by Place of Treatment



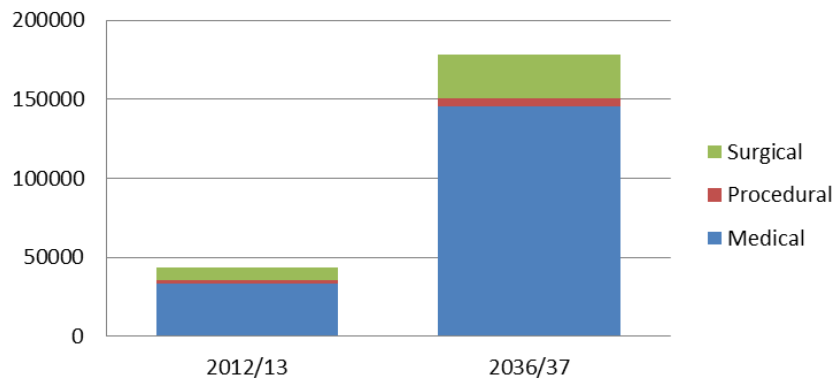
Ipswich Hospital Catchment Residents Public Admissions at West Moreton Facilities by Place of Treatment



Of those treated at West Moreton facilities 99% were treated at Ipswich Hospital.

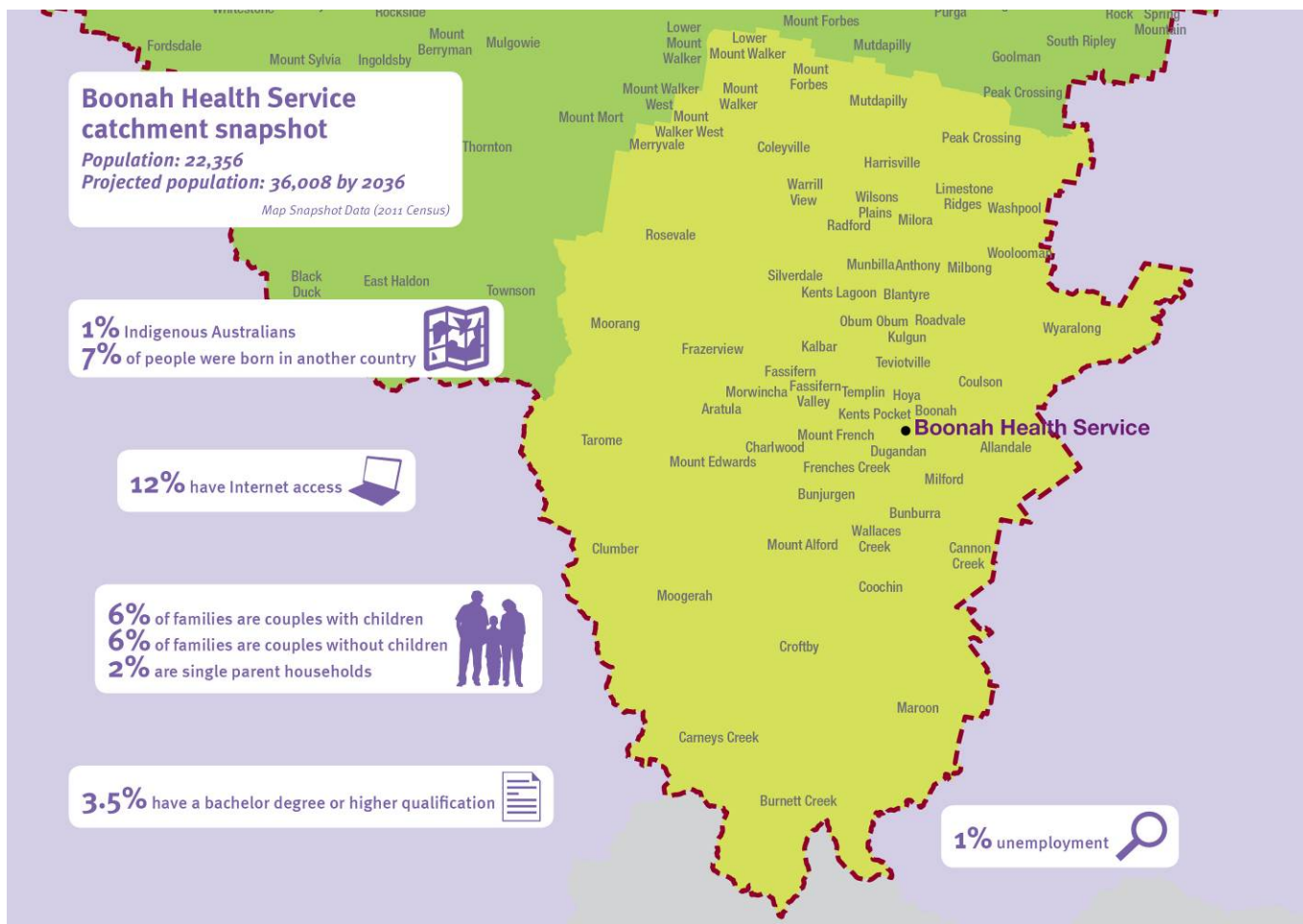
The number of public hospital admissions is expected to grow to 178,075 by 2036-37, representing a 307% increase in admissions.

Ipswich Hospital Catchment Resident Admission Projections



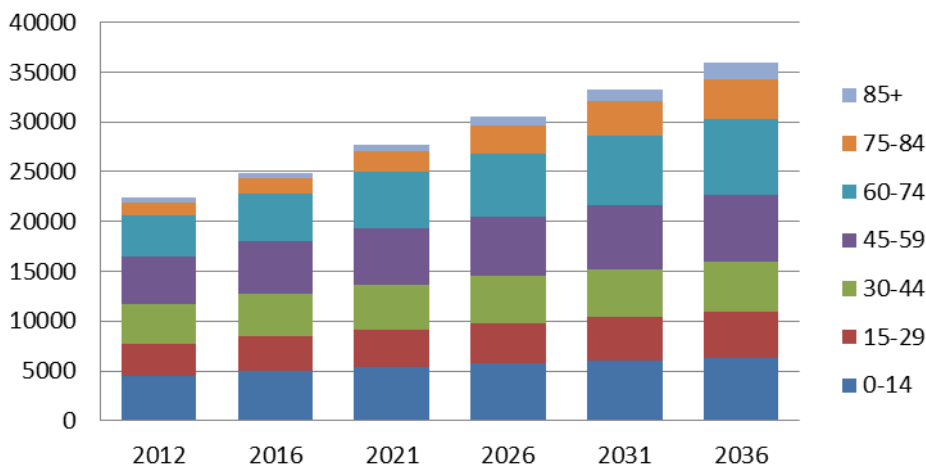


Boonah Health Service catchment



The Boonah Health Service catchment had an estimated resident population of 22,356 in 2012, which is projected to increase to 36,008 by 2036. This represents a 31% increase over the space of 24 years. This growth rate is comparable to the state average.

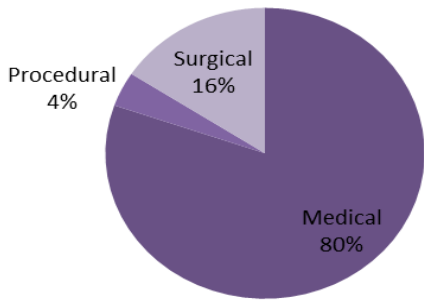
Boonah Health Service Catchment





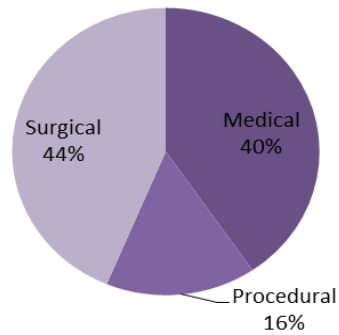
In 2012-13 the residents of the Boonah Health Service catchment recorded a total of 5,300 hospital admissions. Of those 3,063 were public hospital admissions, equating to a public-private ratio of 58%/42%, which is slightly below the average for West Moreton Hospital and Health Service.

Boonah Health Service Catchment Resident Public Hospital Admissions 2012/13



The type of public admission with the highest proportion was medical at 80% followed by surgical at 16%.

Boonah Health Service Catchment Resident Private Hospital Admissions 2012/13



The admission profile for private admissions shows considerable contrast to the public admissions, with the largest proportion recorded as surgical at 44% followed closely by medical at 40%.



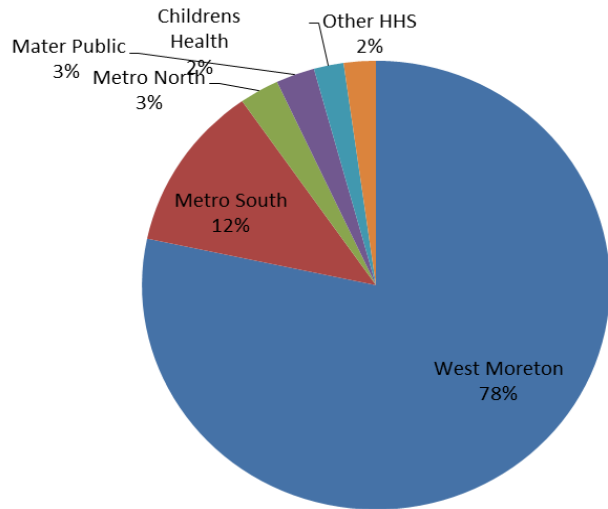


The top 15 SRGs recorded for Boonah Health Service residents accounted for 78% of all admissions. Renal dialysis accounted for the greatest single proportion at 13% or 401 admissions, which equates to approximately 3 patients receiving 3 treatments each week in 2012/13. Cardiology, non-specialty surgery and orthopaedics each recorded over 200 admissions.

SRG	Public admissions 2012-13
Renal dialysis	401
Cardiology	289
Non-specialty Surgery	275
Orthopaedics	262
Neurology	163
Non-acute	158
Respiratory medicine	147
Non-specialty medicine	146
Obstetrics	108
Diagnostic GI endoscopy	92
Urology	76
Unqualified neonate	74
Ear, nose and throat	74
Medical oncology	69
Gastroenterology	63

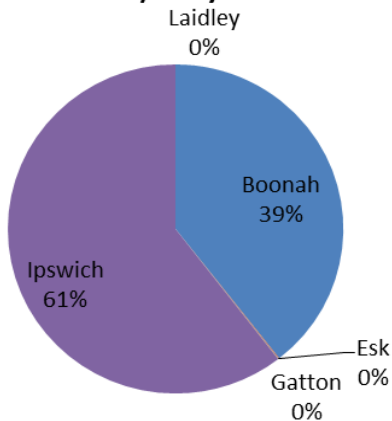


Boonah Health Service Catchment Public Hospital Admissions by Place of Treatment



Approximately 78% of public hospital admissions were provided at West Moreton facilities, which is above the average self-sufficiency index for West Moreton Hospital and Health Service.

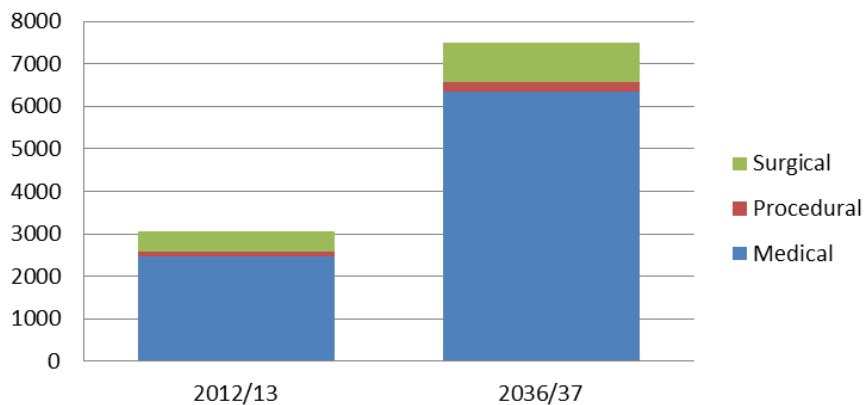
Boonah Health Service Residents Treated at West Moreton Facilities 2012/13 by Place of Treatment



Of those treated at West Moreton facilities, 39% were treated at Boonah Health Service and 61% were treated at Ipswich Hospital.

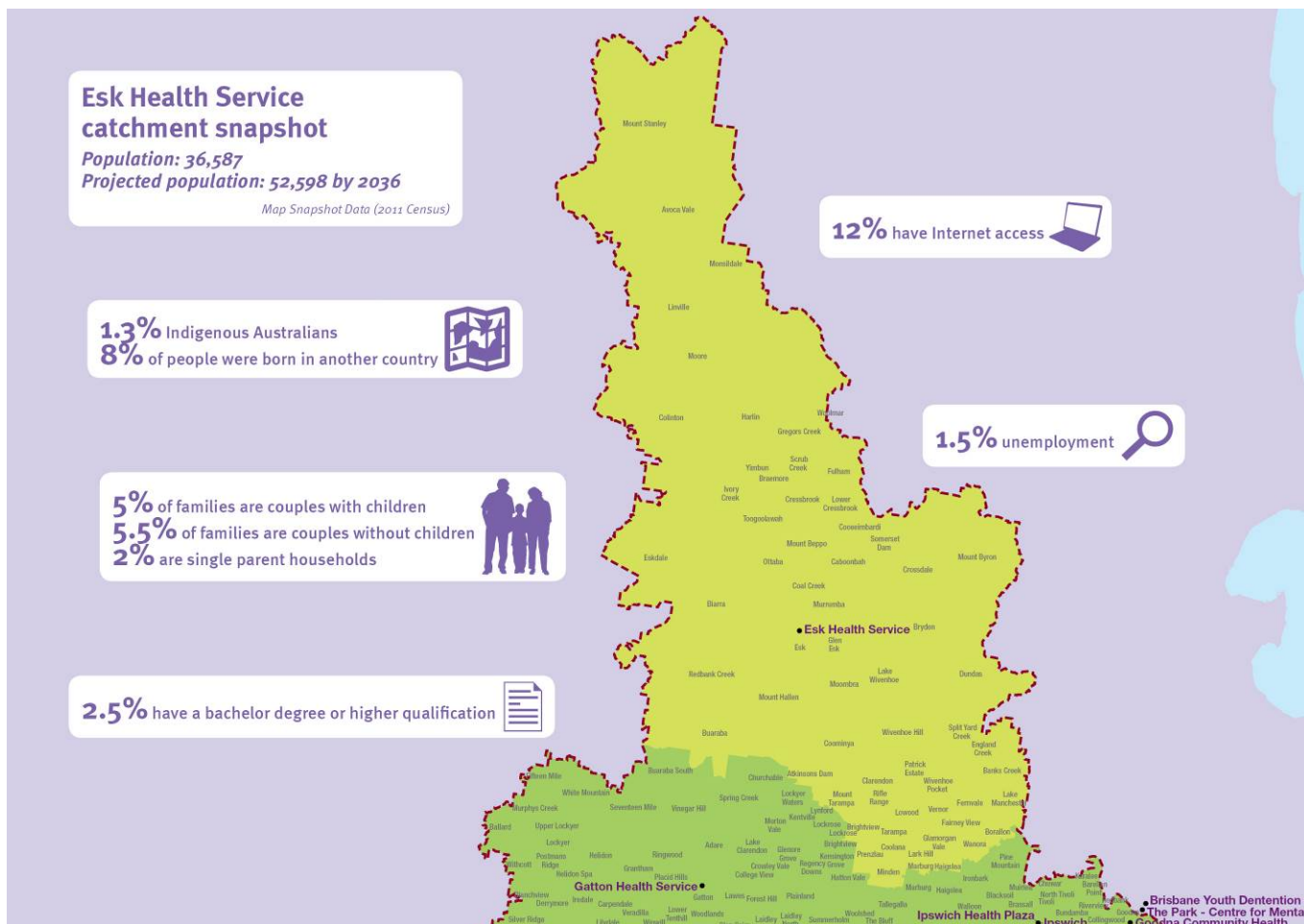
The number of public hospital admissions is expected to grow to 7,487 by 2036, representing a 140% increase in public admissions.

Boonah Health Service Catchment Resident Public Hospital Admission Projections



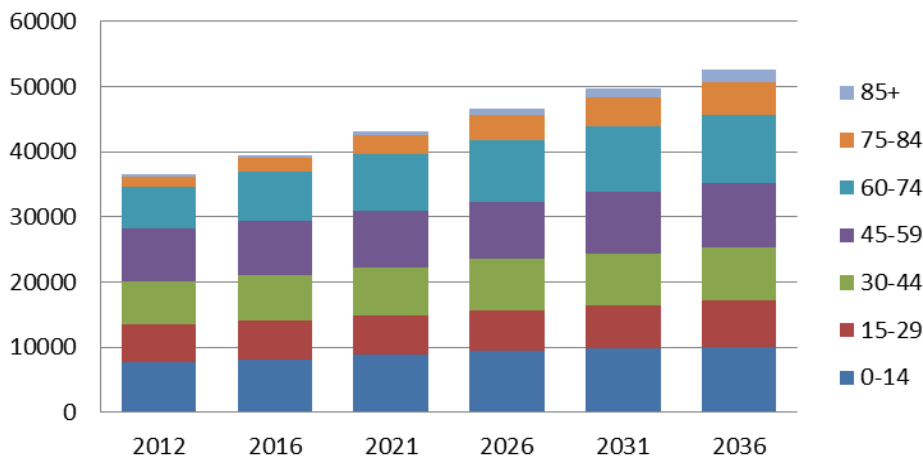


Esk Health Service catchment



The Esk Health Service catchment consists of the suburbs of Esk, Lowood and a very small portion of Kilcoy. The catchment had an estimated resident population of 36,587 in 2012, which is projected to increase to 52,598 by 2036. This represents a 44% increase over the 24 year period, which is below the state average.

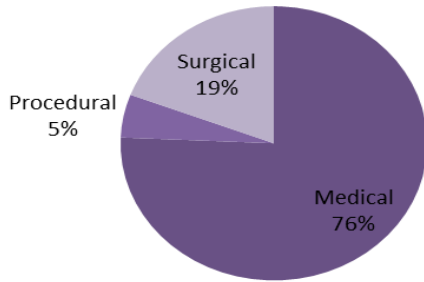
Esk Health Service Catchment





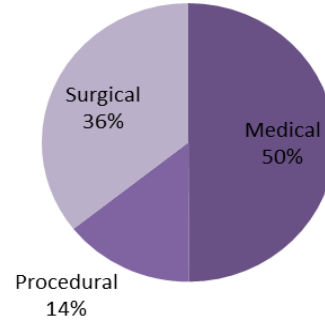
In 2012-13 the residents of Esk Health Service Catchment recorded a total of 8,922 hospital admissions. Of those admissions, 5,727 were public hospital admissions, equating to a public-private ratio of 64%/36% which is slightly higher than the West Moreton average.

Esk Hospital Catchment Resident Public Hospital Admissions by Type 2012/13



The majority of public hospital admissions recorded were of a medical diagnosis (76%) followed by surgical (19%).

Esk Hospital Catchment Resident Private Hospital Admissions by Type 2012/13



Whilst the majority of private admissions were also medical (50%) a much larger portion were recorded for surgical procedures (36%).





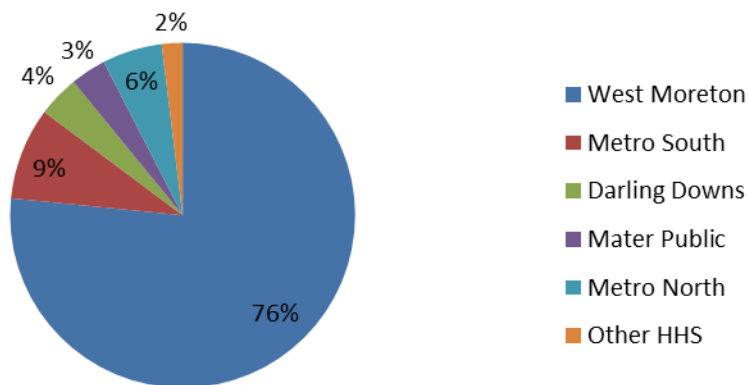
The top 15 SRGs accounted for 79% of all public hospital admissions. Renal dialysis accounted for the greatest single proportion at 13% or 760 admissions, which equates to approximately 5 patients receiving 3 renal dialysis treatments per week in 2012/13. Orthopaedics, non-subspecialty surgery and cardiology recorded over 400 admissions each.

SRG	Public admissions 2012-13
Renal dialysis	760
Orthopaedics	489
Non-subspecialty surgery	479
Cardiology	420
Obstetrics	322
Respiratory medicine	312
Non-subspecialty medicine	279
Diagnostic GI endoscopy	234
Neurology	221
Non-acute	204
Unqualified neonate	181
Urology	170

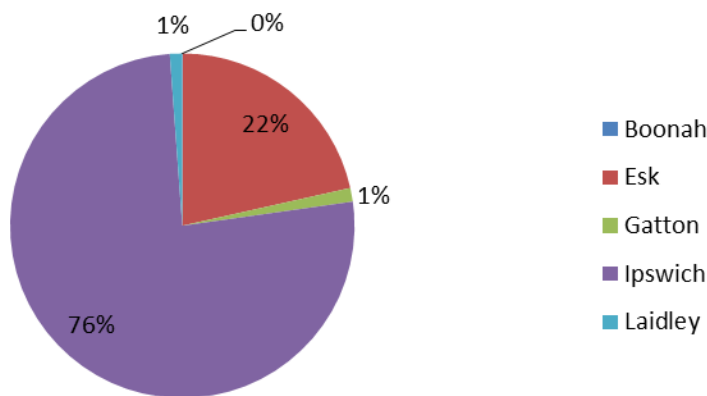


Esk Hospital Catchment Resident Public Hospital Admissions by Place of Treatment

76% of all public hospital admissions were provided at West Moreton facilities, which is a slightly higher self-sufficiency than the West Moreton average.



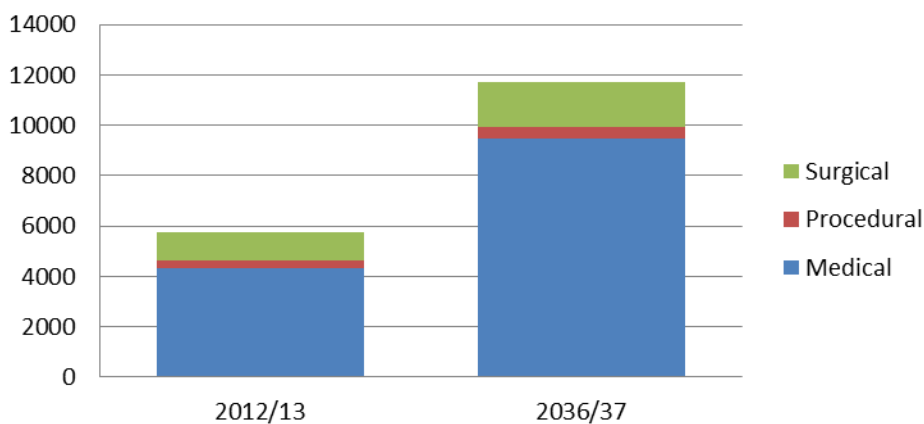
Esk Health Service Catchment Residents treated at West Moreton Facilities by Place of Treatment



Of those treated at West Moreton facilities, 76% were treated at Ipswich Hospital and 22% were treated at Esk Health Service.

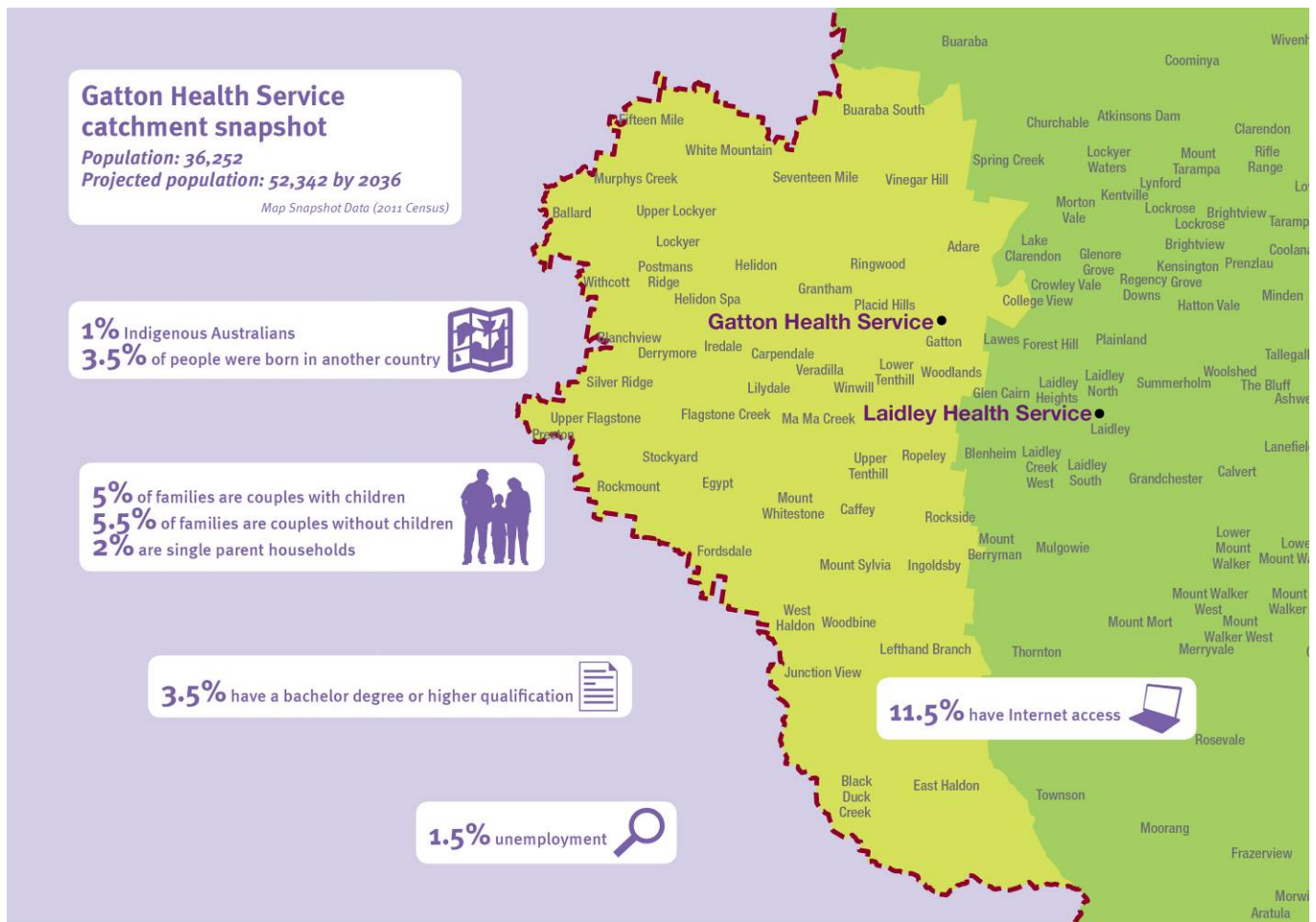
The number of public hospital admissions is expected to grow to 11,741 by 2036, equating to a 105% increase which is below the West Moreton average increase.

Esk Health Service Catchment Resident Public Admission Projections



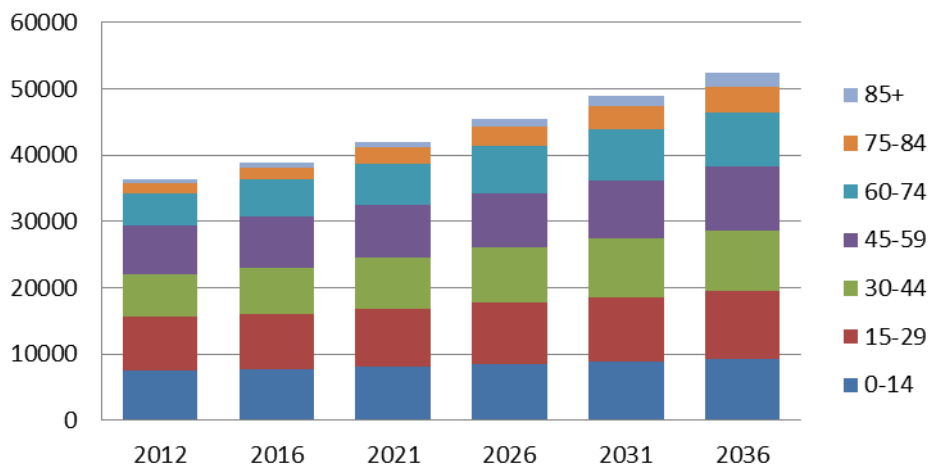


Gatton Health Service catchment



The Gatton Health Service catchment consists of Gatton and the Lockyer-Valley West regions. In 2012, the catchment had an estimated resident population of 36,252 people, which is projected to increase to 52,342 by 2036. This represents a 44% increase over the 24 years, which is below the state average.

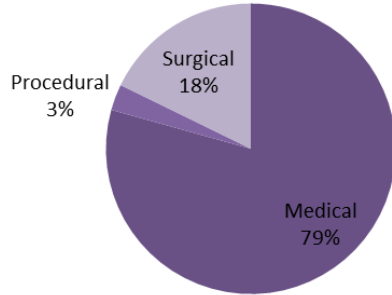
Gatton Health Service Catchment





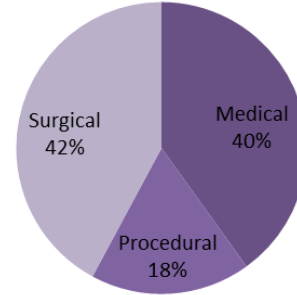
In 2012-13 the residents of the Gatton Hospital catchment recorded a total of 6,625 hospital admissions. Of those admissions 3,612 were public hospital admissions, equating to a public-private ratio of 55%/45% which is slightly lower than the West Moreton average.

Gatton Health Service Catchment Resident Public Hospital Admissions by Type 2012/13

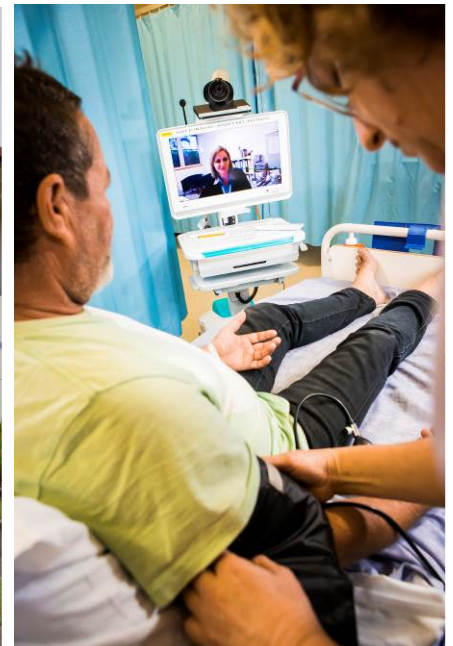


Medical admissions accounted for the majority (79%) of public hospital admissions, followed by surgical admissions (18%).

Gatton Health Service Catchment Resident Private Hospital Admissions by Type 2012/13



Medical and surgical admissions accounted for 40% and 42% of the private hospital admissions respectively.





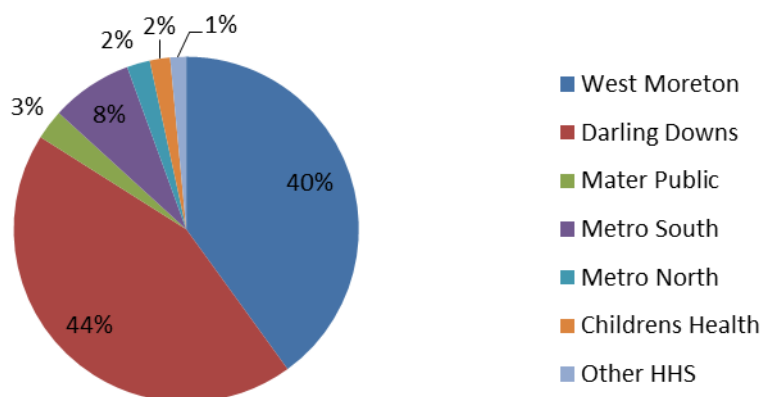
The top 15 SRGs accounted for 75% of all public hospital admissions. Obstetrics accounted for the greatest single proportion at 10% or 352 admissions, closely followed by non-subspecialty surgery with 346 admissions.

SRG	Public admissions 2012-13
Obstetrics	352
Non-subspecialty Surgery	346
Cardiology	271
Orthopaedics	251
Renal dialysis	222
Respiratory medicine	205
Non-subspecialty medicine	187
Neurology	157
Non-acute	125
Urology	110
Gynaecology	106
Unqualified neonate	105
Ear, nose and throat	97
Gastroenterology	93
Immunology and infections	92

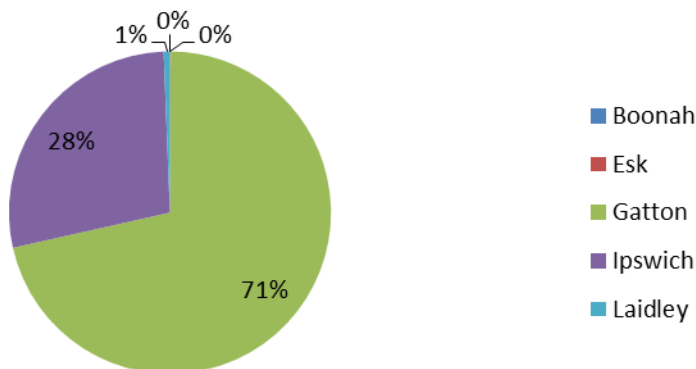


Only 40% of the Gatton Health Service catchment public hospital admissions are being provided at West Moreton facilities, which is well below the average for West Moreton. Darling Downs Hospital and Health Service provides 44% of all public hospital admissions for Gatton Health Service catchment residents.

Gatton Hospital Catchment Public Hospital Admissions by Place of Treatment 2012/13



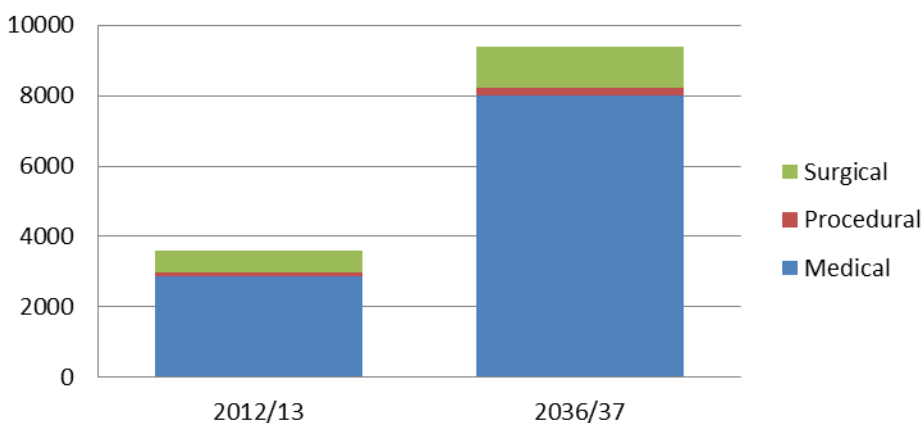
Gatton Health Service Catchment Resident Public Hospital Admissions at West Moreton Facilities by Place of Treatment 2012/13



Of those treated at West Moreton facilities, 71% are treated at Gatton Health Service and 28% are treated at Ipswich Hospital.

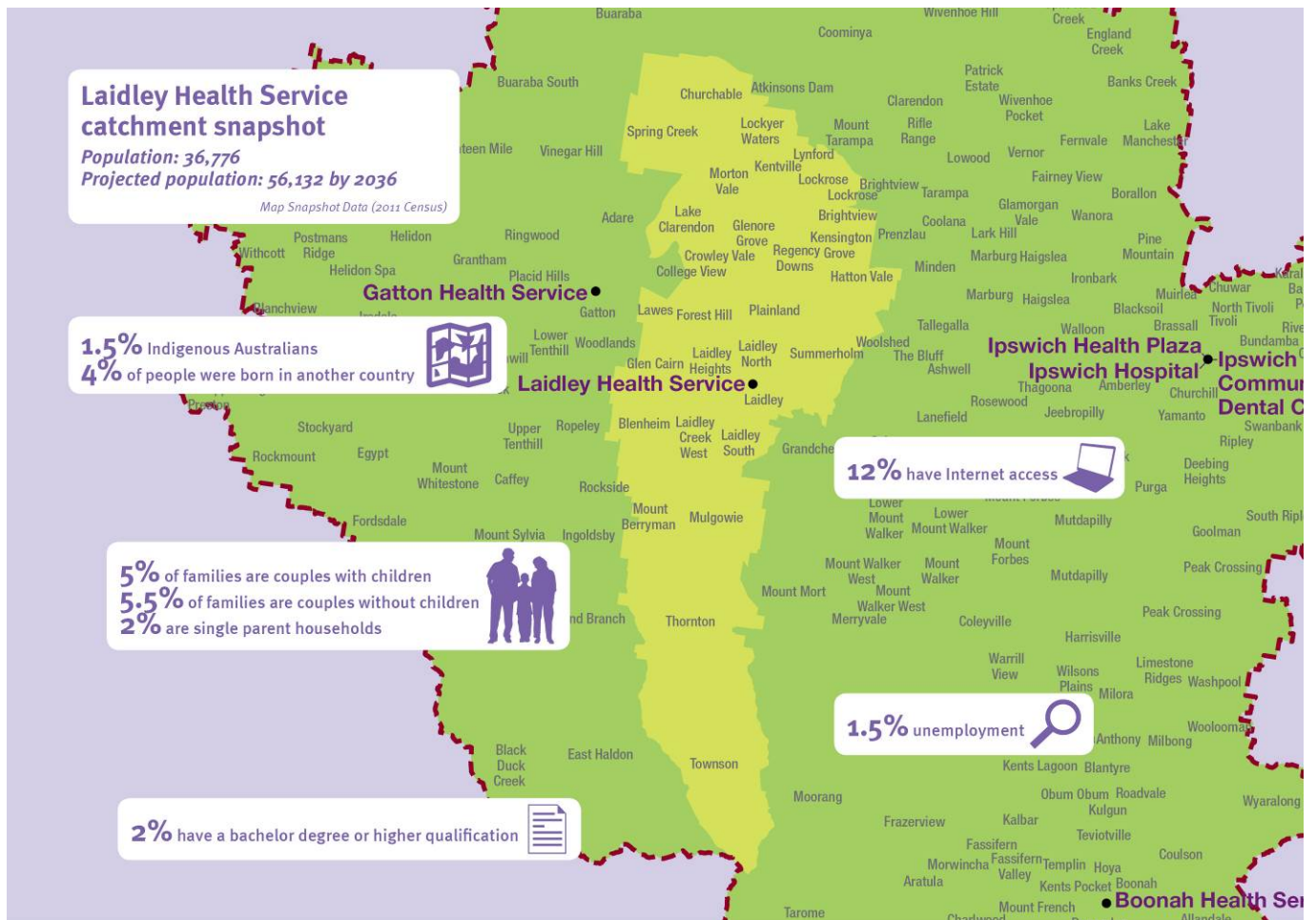
The number of public hospital admissions for the Gatton Health Service Catchment is expected to grow to 9,390 by 2036, representing a 160% increase.

Gatton Health Service Catchment Resident Public Admission Projections



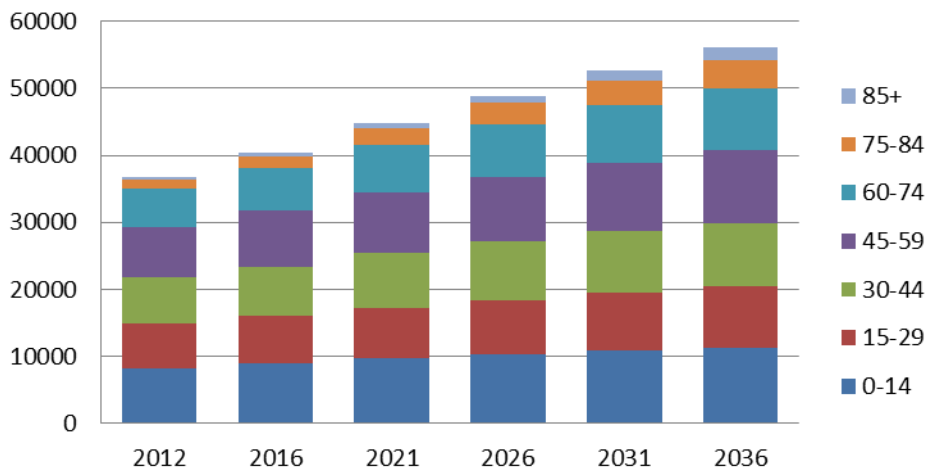


Laidley Health Service catchment



The Laidley Health Service catchment covers the Locker-Valley East Region, which encompasses the entire Laidley region. In 2012 Laidley Health Service catchment had an estimated resident population of 36,766, which is projected to increase to 56,132 by 2036. This represents a 53 % increase over the 24 year period, which is in alignment with the state average.

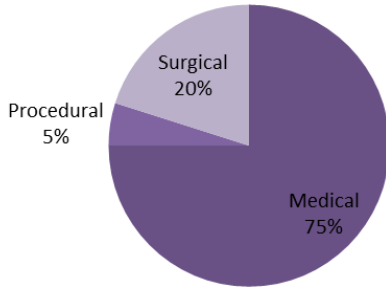
Laidley Health Service Catchment





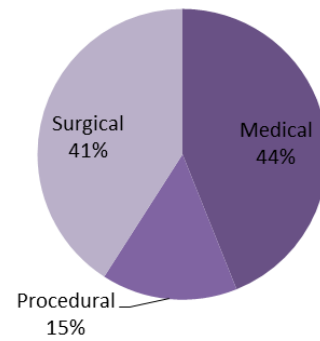
In 2012-13 the residents of the Laidley Health Service catchment recorded a total of 7,354 hospital admissions. Of those admissions, 4,927 were public hospital admissions. This equates to a public-private ratio of 67%/33%, which is above the average for West Moreton.

Laidley Health Service Catchment Resident Public Hospital Admissions by Type 2012/13



The majority of public hospital admissions were considered medical at 75% followed by surgical at 20%.

Laidley Health Service Catchment Resident Private Hospital Admissions by Type 2012/13



Whereas the medical and surgical admissions types for private hospital admissions were almost equal at 44% and 41% respectively.





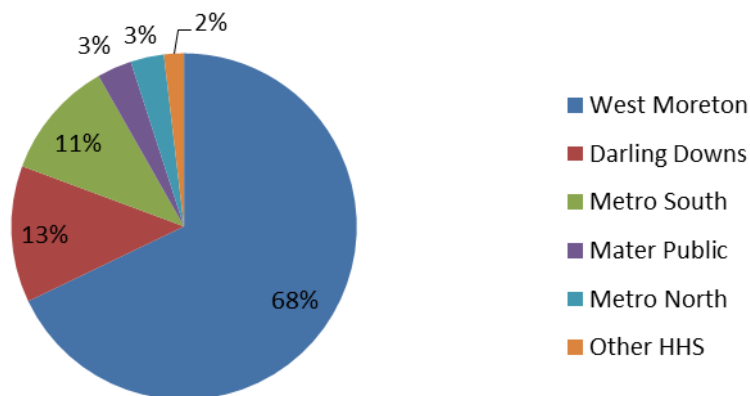
The top 15 SRGs accounted for 77% of all public hospital admissions. The non-subspecialty surgery SRG accounted for the highest number with 430 admissions, followed by renal dialysis and orthopaedics at 422 and 410 admissions respectively.

SRG	Public admissions 2012-13
Non-subspecialty surgery	430
Renal Dialysis	422
Orthopaedics	410
Cardiology	335
Obstetrics	330
Respiratory medicine	305
Neurology	273
Non-subspecialty medicine	223
Diagnostic GI endoscopy	207
Non-acute	187
Unqualified neonate	165
Ear, nose and throat	147
Urology	145
Gynaecology	122
Immunology and infections	108

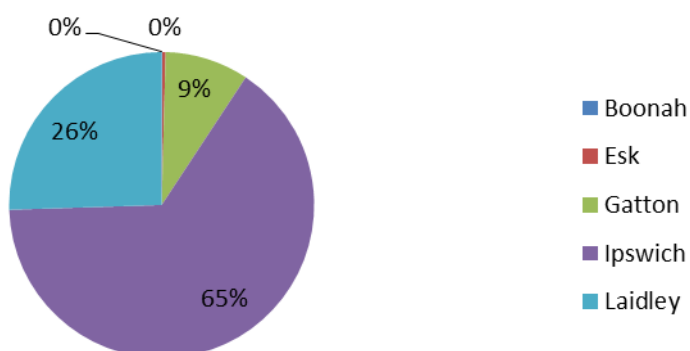


Laidley Hospital Catchment Public Hospital Admissions by Place of Treatment 2012/13

West Moreton provided 68% of the public hospital admissions to Laidley Health Service catchment residents, which is slightly below the West Moreton average.



Laidley Health Service Public Hospital Admissions at West Moreton Facilities by Place 2012/13



Of those treated at West Moreton facilities, 65% were treated at Ipswich Hospital and 26% were treated at Laidley Health Service.

The number of public hospital admissions is expected to grow to 12,124 by 2036, representing a 146% increase in admissions.

Laidley Health Service Catchment Resident Public Admission Projections

