



Queensland Mental Health Inpatient Infrastructure

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Queensland Plan For Mental Health 2007-2017



- **PRIORITY 1** – *Promotion, prevention and early intervention*
- **PRIORITY 2** – *Improving and integrating the care system*
- **PRIORITY 3** – *Participation in the community*
- **PRIORITY 4** – *Coordinating care*
- **PRIORITY 5** – *Workforce, information quality and safety*



Queensland Plan For Mental Health 2007-2017



- Identifies priorities for reform of mental health services in Queensland
- Establishes population based frameworks for capital works service development towards ten year targets
- Identifies need for further work to develop and improve quality and safety systems in collaboration with consumers, carers and families

Framework for inpatient service development



Inpatient Services

Acute Inpatient Services	
Child & Youth	2.5/ 100,000
Older Persons	7.5/100,000
Adult	10/ 100,000
Total	20/100,000

Extended Inpatient Services	
Medium Secure	3/ 100,000
High Secure	2.5/100,000
Acquired Brain Injury	1.5/ 100,000
Psychogeriatric	3.0/100,000
CCU (including extended treatment forensic)	10/100,000
Total	20/100,000

Capital works projects



Acute Inpatient Services

- Child and Youth (0-18 yr)
- Adult (18-65yr)
- Older People (65 + yrs)

Acute Program	
Program	Project
Acute Adult Logan	New 25 bed unit
Acute Adult Redcliffe/Caboolture	New 20 bed unit
Acute Child and Youth Toowoomba	New 8 bed unit and day centre
Acute Child and Youth Townsville	New 6 bed unit and day centre
Acute Older Persons Rockhampton	4 New older persons acute beds

Capital works projects



Extended Treatment Programs

- New Community Care Units
- New Medium Secure Beds
- New High Security Beds
- Forensic Extended Treatment Program

Extended Treatment	
Program	Project
Older Persons Extended Treatment Sunshine Coast	5 new aged extended treatment beds
Community Care Unit Logan	16 bed community care unit
Community Care Unit Goodna	18 bed community care unit
Community Care Unit Coorparoo	18 bed community care unit
Forensic Extended Treatment Beds Wacol	20 forensic extended treatment beds
High Security High Dependency Beds Wacol	9 high security high dependency beds
Medium Secure Unit Redcliffe/Caboolture	23 bed medium secure unit

Capital works projects



Major Hospital Redevelopment Projects

- Replacement or additional acute services:
 - Child
 - Adolescent
 - Adult
 - Older Persons

Major Hospital Redevelopment	
Program	Project
Acute Adult and Older Persons Gold Coast	72 new acute beds (28 additional)
Acute Adult, Adolescent and Older Person's Sunshine Coast	78 new acute beds (33 additional)
Acute Adult Mackay	New 30 bed acute unit (12 additional)
Acute Child and Adolescent Queensland Children's Hospital	10 Child and 10 adolescent beds

Capital works projects



Major Upgrade/ Redevelopment

- Medium Secure
- Adolescent and Adult extended treatment beds to meet contemporary standards

Major Upgrade/Redevelopment	
Program	Project
Adolescent Extended Treatment	15 bed adolescent extended treatment service
Extended Treatment Townsville	8 extended treatment beds
Medium Secure Townsville	30 bed medium secure beds

Inpatient service design and safety



- *Queensland's Mental Health Patient Safety Plan* refers to the contribution of designs, practices and systems to the reduction of risk.

Priorities for Action: Key safety themes for inpatient settings

- 1) The reduction of suicide and self harm
- 2) The reduction of aggressive behaviour in mental health settings and the minimisation of the use of seclusion and restraint
- 3) Cultural safety of Aboriginal and Torres Straight Islanders
- 4) Safety of mental health services for consumers carers and families

Contemporary standard of design



- Development of *Design Considerations* to support contemporary, evidence based design
- Literature review and consultation workshops to formulate *Design Considerations*
- Synthesis of experience of clinicians, consumers, carers architects and available published evidence
- Design questions considered concurrently with Model of Service and Staffing Profile
- Provide local design groups with a comprehensive resource to support design development

Design considerations



Model of Service

- Service Description and Function
- Target population and Service Planning Guidelines
- Service Delivery Pathway
- Core Service Provision including:
 - Clinical interventions
 - Collaborative systems and linkages
 - Discharge planning
 - Expected clinical outcomes
 - Staffing structure and composition
- Staffing Levels/Profiles- benchmarked with average bed day cost reported in *National Mental Health Report 2007*
- Performance Quality and Safety

Design considerations



Overarching principles

- Culturally sensitive design- Indigenous and non Indigenous cultures
- Domestic, not institutional environments
- Privacy versus interaction with others
- Viewing and experiencing nature
- Safety and security
- Mainstreaming, siting and ground floor location

Design considerations



- **Specific Rooms and Areas**
 - Staff and service areas where consumers are not allowed alone (*reception, admission, examination, interview and store rooms*)
 - Staff areas where consumers do not go unaccompanied (*staff station, staff offices*)
 - Where staff interact with consumers who may be in a distressed or agitated state (*high dependency unit, seclusion room*)
 - Where consumers are supervised and not left alone for long periods of time (*conference rooms, dining room-kitchen-serverey, activity areas, living rooms, family rooms, day rooms*)
 - Rooms where consumers may spend time with variable supervision (*bedrooms, bathrooms and en suites, laundry facilities, hotel services*)
 - Staff only amenities

Design considerations- example



Domestic, not institutional environment

A 'domestic rather than institutional environment provides a variety of optimal therapeutic outcomes in four areas:

- levels in consumer and family stress recovery and rehabilitation
- levels of staff effectiveness, efficiency and staff fatigue
- consumer and staff safety, and
- consumer and staff satisfaction with the overall care experience

(Cournos, 1987; Curtis, Gesler, Fabian, Francis, and Priebe, 2007; Joseph, 2006; Ulrich, Zimring, Joseph and Choudhary, 2004).

Using design considerations



- *Acute Adult Inpatient Design Considerations* and *Community Care Unit Design Considerations* have been produced
- Informing design of current capital works projects
- Used to inform Queensland's Review of the Mental Health Acute Inpatient Module of the Australasian Health Facility Guidelines
- Child and Youth and Medium Secure Design Considerations are now under development
- Scheduled for completion in March 2009

