Children’s health
Leading life-changing care for children and young people—for a healthier tomorrow.

Queensland Health
Your global healthcare partner
Children’s health

Children’s Health Queensland (CHQ) is a specialist statewide hospital and health service (HHS) dedicated to caring for children and young people from across Queensland and northern New South Wales.

A leader in paediatric healthcare, education and research, CHQ delivers a full range of clinical services, tertiary level care and health promotion programs via an integrated network including:

- Lady Cilento Children’s Hospital
- Child and Youth Community Health Service
- Child and Youth Mental Health Service
- statewide services and programs, including specialist outreach and telehealth services
- partnerships with other HHSs and non-government organisations.

CHQ provides services from key locations in the Brisbane metropolitan area, and works with the 15 other Queensland Health rural and regional HHSs. CHQ also works with non-government organisations and charity partners in Queensland to deliver an integrated network of healthcare services and support across the state. CHQ is the primary provider of paediatric training and education for healthcare professionals in Queensland.

Queensland also offers a number of private children’s health services.

CHQ operates the Children’s Advice and Transport Coordination Hub (CATCH) as part of a statewide clinical advice and transport coordination network for children across Queensland. CATCH facilitates inter-hospital transfers as required where patients will receive the appropriate level of hospital care. CATCH uses telehealth and video conferencing technology to link all parties involved in inter-hospital transfers, including referring and accepting medical teams, emergency department physicians, and bed management staff. This improves access to clinical advice during diagnosis and streamlines the transfer process for patients and HHSs.
Queensland’s key paediatric facilities

Centre for Children’s Health Research
The Centre for Children’s Health Research (CCHR) is Queensland’s first facility for research into child and adolescent health. The centre has pathology services, a gait laboratory, a nutrition laboratory and the Queensland Children’s Tumour Bank for cancer research. It also houses the Queensland Children’s Motion Analysis Service and the Children’s Nutrition Research Centre.

Lady Cilento Children’s Hospital
Lady Cilento Children’s Hospital (LCCH) is responsible for providing general paediatric health services to children and young people in the greater Brisbane metropolitan area, as well as tertiary-level care for the state’s sickest and most seriously injured children.

The LCCH has become the first paediatric hospital in Australasia to be awarded Level 1 Major Trauma Service status by the Royal Australasian College of Surgeons (RACS).

Children's Health Queensland Hospital and Health Service Annual Report 2016-17

<table>
<thead>
<tr>
<th>Services</th>
<th>Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency presentations</td>
<td>66,760</td>
</tr>
<tr>
<td>Hospital admissions</td>
<td>40,761</td>
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<tr>
<td>Hospital in the home patients</td>
<td>139</td>
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<tr>
<td>Outpatient appointments</td>
<td>227,919</td>
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<tr>
<td>Children received community care</td>
<td>500,000</td>
</tr>
<tr>
<td>Prep students vision screened</td>
<td>15,314</td>
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</table>
Queensland’s paediatric clinical capabilities

Burns program

The Centre for Children’s Burns and Trauma Research aims to prevent children from sustaining traumatic injuries such as burns and to provide the best evidence-based treatment for children with traumatic injuries. Projects include:

• A national burn prevention campaign that used smartphone app technology to educate the public on burn prevention and burn first-aid treatment.
• Burn depth prediction and burn injury pathology to provide evidence for burn prevention legislation and cases of intentional injury.

Helping overweight and obese children

CHQ has established paediatric weight management clinics to address rising rates of childhood obesity. The referral criteria ensure overweight children get the help they need sooner, before they progress to becoming obese. Approximately 80 patients a month access these services.

Oncology programs

The Oncology Services group includes research undertaken for the Oncology Service, Haematology Service, Haemophilia Centre, Paediatric Palliative Care Service and the Blood and Marrow Transplant Service. The group is an active member of national and international collaborative research groups and partners with pharmaceutical companies to conduct clinical trials for childhood cancer and haematology disorders. It has almost 50 clinical trials open to patient enrolment and more than 40 studies in active follow-up (as at June 2017).

Queensland Poisons Information Centre

The Queensland Poisons Information Centre provides the general public and health professionals with prompt, up-to-date and evidence-based clinical information and advice to assist in the management of poisonings and suspected poisonings.

The centre fielded 34,021 calls in 2016–17. Approximately 90 per cent of calls resulted in management of the incident at home, preventing unnecessary visits to doctors and hospitals.
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Queensland Paediatric Rehabilitation Service

The Queensland Paediatric Rehabilitation Service (QPRS) provides coordinated, family focused rehabilitation, health assessments and interventions for children and adolescents with a range of disabilities resulting from injury, illness or disease. The multidisciplinary team delivers services at the LCCH and works with hub partners across Queensland.

The team cares for children and adolescents with:

- acquired neurological injury or illness e.g. brain injury
- spinal cord dysfunction
- cerebral palsy and similar conditions
- limb difference and amputation
- rare complex conditions (e.g. achondroplasia) for developmental guidance.

Queensland Specialist Immunisation Service

The Queensland Specialist Immunisation Service (QSIS) provides Queensland with its first dedicated statewide service dealing with complex clinical vaccination issues for parents, children and clinicians. QSIS offers multidisciplinary specialist immunisation services to support safe vaccination of children with complex medical conditions. It also provides services to children with an increased risk of vaccine preventable disease, experience adverse events following immunisation, or who have not received recommended vaccines through existing community services.
Respiratory services

The CHQ respiratory department has research alliances with The University of Queensland, Queensland University of Technology and the Menzies Institute for Health Research in Darwin. It also participates in national and international trials. Respiratory research includes:

- a randomised, controlled trial to evaluate surgery for sleep apnoea in young children
- behavioural interventions for sleep problems in children with attention deficit hyperactivity disorder
- sleep problems in children with Down syndrome
- risk factors for the initiation and progression of lung disease in infants with cystic fibrosis
- assessment and evolution of early lung diseases and the development of evidence-based management
- an Emergency Department study on predictors of chronic coughs involving more than 800 children who have had acute respiratory illness.

Statewide Simulation Training on Resuscitation for Kids program

The Simulation Training on Resuscitation for Kids (SToRK) program provides online, face-to-face and in-service training packages for clinicians across Queensland on paediatric emergency, basic and advanced life support. In 2016–17, the Recognition and Management of the Deteriorating Paediatric Patient inter-professional training course was delivered across all 16 HHSs in Queensland.

Aimed at improving the recognition of unwell children and the delivery of the early phases of their care, the course was completed by 4660 participants (334 medical, 4079 nursing, 47 others) in 64 hospitals throughout Queensland by 30 June 2017. A further 10,899 completed the core skills e-learning course, with 7039 completing the advanced skills e-learning course.

eHealth

The LCCH rolled out the integrated electronic Medical Record (ieMR) program in 2016–17. Progress towards a fully integrated ieMR is improving collaboration with clinicians and partners, and is central to the CHQ digital engagement strategy.

Partner with us

Queensland Health, through the Health Innovation, Investment and Research Office, is looking for opportunities to collaborate with government agencies, entrepreneurs, industry and research institutions to expand our vibrant health sector to improve the wellbeing and healthcare of Queenslanders.

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