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# Data dictionary

Paediatric Critical Health  
Resource Information System  
(CHRIS) Version 1.6

OFFICIAL



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- The health services participating in the Paediatric CHRIS pilot in Victorian public health services.

# Introduction

With the support of Adult Retrieval Victoria, Ambulance Victoria, the Paediatric Clinical Network, Safer Care Victoria introduced the Paediatric Critical Health Resource Information System (Paediatric CHRIS) on 16 March 2022 across Victoria. This is a six-month pilot, modelled on the existing ICU gateway (CHRIS).

The Paediatric CHRIS provides an up-to-date bird's eye view of paediatric bed capacity in Victorian public health services to support clinical and patient flow decision making for children who need inpatient care.

Operational and clinical leaders in participating health services will be able to input and review the state's health services paediatric inpatient bed capacity and occupancy in real time across Victoria. Reports can be generated for participating health services to inform strategic planning in the longer term.

## Definitions

For the purposes of the Paediatric CHRIS the following definitions apply:

- Paediatric ward – In-patient ward/unit which accommodates multi-day stay +/- day stay patients
- Paediatric patients – patients admitted to a paediatric ward less than 18 years of age

## Resources to support users of Paediatric CHRIS

- Paediatric CHRIS, Safer Care Victoria webpage  
<<https://www.bettersafecare.vic.gov.au/news-and-media/introducing-the-statewide-paediatric-critical-health-resource-information-system>>
- Paediatric CHRIS portal  
<<https://chris.health/#!/portal/home>>
- Paediatric CHRIS Frequently asked questions (FAQ), Safer Care Victoria  
<<https://www.bettersafecare.vic.gov.au/sites/default/files/2022-03/Fact%20sheet%20FAQs%20-%20Paediatric%20CHRIS%20Final.pdf>>
- Paediatric CHRIS, Adult Retrieval Victoria, Ambulance Victoria Flyer  
<[https://www.bettersafecare.vic.gov.au/sites/default/files/2022-03/paediatric\\_chris\\_flyer.pdf](https://www.bettersafecare.vic.gov.au/sites/default/files/2022-03/paediatric_chris_flyer.pdf)>

## Overview of Paediatric CHRIS dashboard display

Table 1: Actual display of Paediatric CHRIS dashboard (30 March 2022)

**Paediatric**

Filter  Jurisdiction

Providing a bird's eye view of paediatric bed capacity across Victoria (a pilot adaption of ICU CHRIS ahead of a dedicated paediatric CHRIS)

Hospital	(BAU Numbers)	Patients		COVID-19				Availability				
		Paediatric Patients	Paediatric ICU/HDU patients	Confirmed COVID '+' cases in your paediatric ward(s)	Confirmed MIS-C/PIMS-TS patients in your paediatric ward(s)	Number of COVID-19 paediatric patients in your ward(s) that have received 2 (or more) COVID-19 vaccines	Cleared COVID '+' paediatric patients in your paediatric ward(s)	Physical paediatric bed spaces	Presently open (equipped and staffed) paediatric bed spaces (incl. vacant and occupied paediatric beds)	Paediatric bed spaces currently re-purposed for adult patient care	Patients awaiting admission to your paediatric ward(s)	Paediatric medical and nursing staff unavailable due to COVID exposure or illness at the present time

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# Health service data – System-set

## Patient data page – Business as usual (BAU)

### Data entered by system administrator

This page describes your business as usual (BAU) paediatric bed status and is already entered by the system administrator.

### System-Set Data (BAU) - Entered by System Administrator

Data Field	Description	Tool tip (Hover information)
<b>Physical paediatric beds</b>	<p><b>Include:</b></p> <ul style="list-style-type: none"><li>physical bed capacity of your ward/s <b>under BAU conditions</b></li><li>physical paediatric bed: a place where, <b>under BAU</b>, a paediatric patient requiring in-patient care can be admitted to.</li></ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"><li>Intensive Care Unit (ICU), Special Care Nursery (SCN), Mental health beds or Hospital in the Home (HITH).</li></ul>	<ul style="list-style-type: none"><li>Physical beds during BAU</li><li>– <b>not</b> including ICU, SCN or Mental Health) beds.</li></ul>
<b>Staffed paediatric beds</b>	<p><b>Include:</b></p> <ul style="list-style-type: none"><li>staffed bed capacity for your ward/s under BAU conditions i.e. how many paediatric patients can your ward <b>usually</b> admit, assuming that:<ul style="list-style-type: none"><li>– standard nurse-patients ratios occurs (does not include ad-hoc extra staffing e.g. for high-acute patients, psychiatric specials, coronavirus (COVID-19) isolation etc).</li><li>– there are sufficient multi-disciplinary staff (nursing, medical and allied health staff) and equipment to care for paediatric patients.</li></ul></li></ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"><li>ICU, SCN or Mental health beds.</li></ul>	<ul style="list-style-type: none"><li>Physical beds during BAU</li><li>– <b>not</b> including ICU, SCN or Mental health beds.</li></ul>



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# Health service data – User data entry

## Key messages about how to access Paediatric CHRIS

- Access Paediatric CHRIS via the Paediatric CHRIS portal.
- Your ward/s can access the dashboard using a generic user ID/ log on that can be shared with multiple users or individual user ID and log on (for NUMs/Operational Directors).
- If you do not have access or need to change who is allocated access on your ward/s, please contact [support@chris.health.gov.au](mailto:support@chris.health.gov.au) or the [paediatric.clinicalnetwork@safercare.vic.gov.au](mailto:paediatric.clinicalnetwork@safercare.vic.gov.au) for any generic queries.

## Key messages about data entry

Each health service needs to develop local systems to enter the data e.g. by:

- Nurse Unit Managers (NUMs)/Associate Nurse Unit Manager (ANUMs)/Nurse in Charge
- Bed manager/Patient access coordinator.

Data should be entered between **7.00am-9.00am** and between **2.00pm-4.00pm** (though can be entered at any time).

If you are unable to get the data for certain questions, please leave that data field blank.

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## Health service data – User data entry (ANUM/Nurse-in-charge/NUM or Bed Manager)

### Section 1: Patients

Data field	Description	Tool tip (Hover information)
<b>Paediatric ward patients</b>	<p><b>Include:</b></p> <ul style="list-style-type: none"><li>number of paediatric (less than 18 years of age) <b>medical or surgical in-patients</b> admitted to either your ward/s or to a surge area/s at the time of reporting</li><li>day and multi-day stay paediatric patients in-patients in your paediatric ward</li><li>patients more than or equal to 18 years of age <b>admitted to your ward/s under paediatric team/s bed card/s.</b></li></ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"><li>paediatric patients in your hospital's ICU (see separate field below), SCN, Mental health areas or HITH</li><li>day cases admitted to your <b>dedicated day ward/units</b> e.g. Day surgery/procedure units.</li></ul>	<ul style="list-style-type: none"><li>Paediatric in-patients.</li></ul>
<b>Paediatric ICU/High dependency unit (HDU) patients</b>	<p><b>Include:</b></p> <ul style="list-style-type: none"><li>number of paediatric patients (less than 18 years of age) admitted into your <b>hospital's ICU</b></li><li>medical and surgical admissions of paediatric patients who would be transferred to your paediatric ward when improved.</li></ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"><li>Paediatric high dependency or high-acuity patients on paediatric ward/s.</li></ul>	<ul style="list-style-type: none"><li>Paediatric patients admitted to your hospital's ICU.</li></ul>

## Section 2: Coronavirus (COVID-19)

Data Field	Description	Tool tip (Hover information)
<p><b>Confirmed paediatric patients with coronavirus (COVID-19)</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>number of paediatric in-patients admitted with a positive coronavirus (COVID-19) result from: <ul style="list-style-type: none"> <li><b>any form of pathology testing process</b> at the time of reporting</li> </ul> </li> <li><b>all paediatric COVID-19 in-patients</b>, irrespective of whether coronavirus (COVID) diagnosis is the reason for admission or an incidental discovery.</li> </ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"> <li>paediatric patients awaiting results of initial coronavirus (COVID-19) testing</li> <li>paediatric patients who have had positive tests but have now cleared the virus and who are no longer being isolated as active coronavirus (COVID-19) positive patients</li> <li>paediatric patients in your hospital's ICU, SCN, Mental health areas or HITH.</li> </ul>	<ul style="list-style-type: none"> <li>Only confirmed cases that are currently considered 'active'.</li> </ul>
<p><b>Confirmed MIS-C/PIMS-TS patients in your paediatric ward/s</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>number of paediatric patients admitted and under the care of the paediatric team who have been <b>diagnosed with MIS-C/PIMS-TS</b>.</li> </ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"> <li>patients in whom the diagnosis is suspected but has not yet been determined</li> <li>paediatric patients in your hospital's ICU, nursery, Mental health areas or HITH.</li> </ul>	<ul style="list-style-type: none"> <li>Only confirmed cases.</li> </ul>
<p><b>Number of coronavirus (COVID-19) paediatric patients in your ward(s) that have received 2 or more COVID-19 vaccines</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>number of all paediatric COVID-19 patients (both active and cleared) admitted to your paediatric/HDU who received their <b>second dose</b> of a COVID-19 vaccine <b>more than seven days prior to admission</b> to hospital.</li> </ul>	<ul style="list-style-type: none"> <li>COVID-19 patients who had their second COVID-19 vaccine dose more than 7 days prior to admission.</li> </ul>

**Number of coronavirus (COVID-19) paediatric patients in your ward(s) that have received 2 or more COVID-19 vaccines**  
(continued)

**Do not include:**

- paediatric patients who have only received one vaccination dose
- paediatric patients who have received their **second vaccination dose within seven days of admission** to hospital
- paediatric patients in your hospital's ICU, nursery, Mental health areas or HITH.

**Cleared coronavirus (COVID-19) positive paediatric patients in your paediatric ward/s)**

**Include:**

- number of paediatric patients in the paediatric ward/unit/hospital who were admitted with COVID-19 but are now **cleared from COVID-19**
- all paediatric patients who had had a positive COVID-19 result, were originally in COVID-19 isolation precautions, but are now considered non-infectious and have been **removed from COVID-19 isolation.**

- Only confirmed cases that are now cleared and no longer isolated.

**Do not include:**

- paediatric patients who are admitted to a paediatric ward during a subsequent hospitalisation, for conditions unrelated to coronavirus (COVID-19)
- paediatric patients in your hospital's ICU, SCN, Mental health areas or HITH.

### Section 3: Availability

Data Field	Description	Tool tip (Hover information)
<p><b>Physical paediatric bed spaces (current)</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>• all physical paediatric bed spaces where under present conditions, a paediatric patient requiring treatment could be admitted to</li> <li>• any paediatric surge areas presently available for use</li> <li>• spaces that may not have the full capability of BAU paediatric spaces but could be used if required for paediatric patients</li> </ul>	<ul style="list-style-type: none"> <li>• Number of bed spaces that are equipped for care of a paediatric patient.</li> </ul>

<p><b>Physical paediatric bed spaces (current)</b> (continued)</p>	<ul style="list-style-type: none"> <li>disregard staffing when making this assessment.</li> </ul> <p>Number may be:</p> <ul style="list-style-type: none"> <li>higher than normal (than BAU) if surge areas have been commissioned</li> <li>lower than normal (than BAU) if e.g. paediatric beds have been re-purposed for adult care.</li> </ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"> <li>physical spaces in potential paediatric surge areas which are <b>not presently in use</b></li> <li>ICU beds, SCN, Mental health areas or HITH.</li> </ul>	
<p><b>Presently open (equipped and staffed) paediatric bed spaces (including vacant and occupied paediatric beds)</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>number of paediatric in-patient beds that are currently staffed and immediately available for paediatric patients in your ward/s.</li> <li>those <b>currently in use and surge capacity</b> for paediatric patients, at the time of reporting.</li> </ul> <p><b>Do not include:</b></p> <p>ICU beds, SCN, Mental health areas or HITH.</p>	<ul style="list-style-type: none"> <li>Actual number of beds available for paediatric patient care.</li> </ul>
<p><b>Paediatric beds currently re-purposed for adult patients</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>number of BAU paediatric beds currently re-purposed for adult patient care.</li> </ul> <p><b>Do not include:</b></p> <ul style="list-style-type: none"> <li>patients more than or equal to 18 years of age <b>admitted to your ward/s under paediatric team/s bed card/s</b>, as these patients should be included in your paediatric patient numbers.</li> </ul>	<ul style="list-style-type: none"> <li>BAU paediatric beds currently re-purposed for adult patient care.</li> </ul>
<p><b>Paediatric patients waiting admission to your paediatric ward/s</b></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>number of paediatric patients <b>accepted for admission</b> at the time of reporting and are waiting admission who have: <ul style="list-style-type: none"> <li>not yet arrived in paediatric ward/s or surge area/s</li> <li>been accepted as requiring admission for medical or surgical care but for</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>E.g. from Emergency Department, ICU, not yet physically in a paediatric ward bed.</li> </ul>

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**Paediatric patients waiting admission to your paediatric ward/s (continued)**

whom no bed is available locally.

- paediatric patients who have been accepted for admission and are currently being transferred from outside of your hospital.

**Do not include:**

- paediatric patients that have **not yet been accepted for admission.**

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**Paediatric staffing unavailable due to coronavirus (COVID-19) exposure or illness at the present time**

**Include:**

- number of **paediatric medical and nursing staff known to be unable to work** due to coronavirus exposure or confirmed infection with coronavirus (COVID-19) at the time of reporting.

**Do not include:**

- number of staff who are unavailable for personal reasons e.g. due to family commitments
- number of staff who have been re-deployed elsewhere due to high risk profiles.

- Any staff currently isolating and unable to work (COVID-19 or COVID-19 contact)



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