



Queensland Government

State
Health
Emergency
Coordination
Centre

SITUATION REPORT No. 100
Pandemic (H1N1) 2009
As at 16:00 AEST
05 August 2009

This report is based on the most recent and accurate available information at the time of preparation. Given the rapidly changing nature of the incident, readers should be aware of the potential requirement for later confirmation or clarification.

Note: New or updated information is **bolded**. Non-critical information will be deleted one week after first insertion.

QUEENSLAND SPOTLIGHT

QLD Phase	PROTECT
¹QLD Confirmed Pandemic (H1N1) 2009 Hospitalisations	101 (including 30 in ICU)
²QLD Suspect ICU Pandemic (H1N1) 2009 Hospitalisations	19
QLD Pandemic (H1N1) 2009 Related Deaths (total)	14

Source:

1. Confirmed Hospitalisation data sourced from EpiLog between 10.30am and 11.30am on the day of reporting, and supplemented with data from other sources including NetEpi, population health units, and hospitals not inputting data into EpiLog.
2. Suspect Pandemic (H1N1) 2009 ICU Hospitalisation data from EpiLog between 10.30am and 11.30am on the day of reporting, and supplemented with data from other sources including NetEpi, population health units, and hospitals not inputting data into EpiLog.

AUSTRALIAN SPOTLIGHT

Australian Phase	PROTECT
Australian Pandemic (H1N1) 2009 Cases	24,114
Australian Current Hospitalisations	409
Australian Cumulative Hospitalisations	2,789
Australian Pandemic (H1N1) 2009 Related Deaths	74

Source:

1. National Incident Room Situation Report (NIR SitRep) #228, 1200 AEST 05/07/09

Note:

1. Most recent Queensland deaths not reported in above table.

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CURRENT SITUATION – QUEENSLAND

Gold Coast

- **Media are reporting concerns about the imminent arrival of almost 1,000 organ recipients on the Gold Coast for the World Transplant Games. The Local Organising Committee Chairman is said to be negotiating with a health provider to set up a flu clinic at the Games. [couriermail.com.au, 4/8/09]**
- **Queensland Health has had extensive correspondence with the United Kingdom Organising Committee for the Transplant Games regarding the event. The Organising Committee concluded it would continue with the Games as planned.**

Metro North

- **The Royal Queensland Show has banned pigs from the grounds to protect the animals from contracting the Pandemic (H1N1) 2009 virus. The ban was prompted by a Pandemic (H1N1) 2009 outbreak in a NSW piggery. [Ballarat Courier, 5/8/09]**
- [03 August 2009] Prince Charles Hospital reported that the facility had three Extra- Corporeal Membrane Oxygenation (ECMO) stations in operation, all three of which were in use by patients with confirmed Pandemic (H1N1) 2009.

Townsville

- [04 Jul 09] Townsville HSD reported that due to an increase in Pandemic (H1N1) 2009 related Emergency Department presentations, an Emergency Department annexe would open to fast track mild cases.
- [30 Jul 09] Townsville HSD reported a youth at Cleveland Detention Centre was displaying influenza like symptoms. The inmate was swabbed, isolated and commenced on Tamiflu, with ten further courses of Tamiflu supplied to the Centre's nurse. Two further suspected cases have been swabbed, administered Tamiflu and isolated. On Tuesday, 04 August 2009, Townsville HSD reported two positive cases of Pandemic (H1N1) 2009 at the facility.

Central Queensland

- [03 Aug 09] Central Queensland HSD reported a total of eight confirmed of Pandemic (H1N1) 2009.
- [31 Jul 2009] Longreach has now reported their second confirmed Pandemic (H1N1) 2009 case. The patients are one tourist and one local, and neither have required admission to hospital.

Torres Strait and Northern Peninsula

- [04 Aug 09] Torres Strait HSD reported that the PNG/Australian border (for the purposes of the Torres Strait - PNG treaty) had been re-opened last Wednesday, 29 July 2009, at 0900 AEST.
- [03 Aug 09] Torres Strait HSD reported that a series of public meetings in island communities would soon begin, outlining the importance of hygiene, hand washing and flu infection prevention.

Cape York

- [03 Aug 09] Cape York HSD has assessed data of confirmed cases and it is apparent that communities in Cape York have community transmission of Pandemic (H1N1) 2009. As such all of Cape York HSD moved to PROTECT on Monday, 3 August 2009. On Friday, 31 July 2009, the Cape York HSD advised that the Indigenous Community of Hopevale is moving to the PROTECT phase due to an increase of community transmission of the Pandemic (H1N1) 2009 virus. Where relevant for those communities with low numbers of community transmission, sentinel surveillance mechanisms will continue to be implemented and early treatment instituted, especially for vulnerable groups.

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- [03 Aug 09] Cape York HSD will receive the services of a temporary fly-in nurse to assist in the response to Pandemic (H1N1) 2009.

Mount Isa

- [04 Aug 09] Mt Isa HSD advised that effective Saturday, 01 August 2009, the whole of the Mt Isa Health Service District would move to PROTECT Phase.
- [03 Aug 2009] Mt Isa HSD has reported that the Mt Isa Population Health Unit and the Mt Isa City Council are liaising and in the process of producing various media for the public concerning Pandemic (H1N1) 2009 at the forthcoming Mt Isa Rodeo.
- [31 Jul 2009] Rodeo 7-9 August expected to increase presentation at ED.

Recent Queensland Pandemic (H1N1) 2009 Related Deaths- Total Of 14

- [05 Aug 09] Queensland has reported a Pandemic (H1N1) 2009 related death in a 27 year old female who had underlying medical conditions. She died in a Brisbane hospital on Thursday, 30 July 2009.
- [05 Aug 09] Townsville HSD reported a Queensland Pandemic (H1N1) 2009 related death in a 54 year old male from a North Queensland town.
- [05 Aug 09] On Monday, 03 August 2009, Queensland reported a Pandemic (H1N1) 2009 related death, a 36 year old male at the RBWH on Friday, 31 July 2009.
- [03 Aug 09] A 25 year old Pacific Islander male with a significant medical died within a few hours of presentation at Gold Coast Hospital. He presented with a three day history of febrile ILI associated with increasing dyspnoea.
- [02 Aug 09] Queensland has reported a Pandemic (H1N1) 2009 related death in a Townsville hospital of a 54 year old woman. The patient had underlying medical conditions.
- [31 Jul 09] Queensland has reported a Pandemic (H1N1) 2009 related death in a Brisbane hospital of a 30 year old woman. The patient suffered multiple underlying medical conditions.
- [30 Jul 09] On Wednesday 29 July, Queensland reported a Pandemic (H1N1) 2009 related death of a 58 year old male at Princess Alexandra Hospital. The patient had underlying medical conditions. This death was not reported in NIR SitRep #222.

Flu Clinics

- **On Wednesday, 05 August 2009, Darling Downs – West Moreton HSD reported that due to high level of ILI presentations at the Toowoomba Hospital Emergency Department they are considering commencement of an Influenza Assessment Clinic.**
- [04 Aug 09] Mt Isa HSD reported that effective Saturday, 01 August 2009, Flu Clinics in Outpatient Departments were suspended. Presentations will be monitored through the Emergency Department and the clinic will re-open should numbers increase.

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Table 1 Queensland Flu Clinics – Showing presentations at Flu Clinics, number of patients swabbed, antivirals given, further treatments given, date opened and closed

Location	Presentations	No. Swabbed	Antivirals	Further Treatment	Date Opened	Date Closed
Gold Coast – Robina	182	1	0	1	27 May 09	03 Jun 09
Warwick – Old Oaks	124	12	25	1	04 Jun 09	07 Jun 09
Palm Island	30	3	1	0	09 Jun 09	12 Jun 09
Toowoomba	64	7	6	0	16 Jun 09	19 Jun 09
Kingaroy	62	16	2	0	18 Jun 09	20 Jun 09
Mackay	162	54	16	0	15 Jun 09	22 Jun 09
Maroochydore	257	95	17	0	15 Jun 09	26 Jun 09
Cairns – Lakeside	1,166	269	114	85	01 Jun 09	26 Jun 09
Gold Coast – Southport	792	289	58	4	03 Jun 09	03 Jul 09
Cairns – Lotus Glen	1,236	8	7	0	03 Jul 09	06 Jul 09
Torres Strait - Outreach Clinic Hammond Island	33	11	2	0	12 Jul 09	12 Jul 09
Cherbourg	243	112	81	N/A	18 Jul 09	27 Jul 09
Torres Strait - Outreach Clinic Hammond Island	5	2	3	0	30 Jul 09	30 Jul 09
Mount Isa	436	0	11	11	18 Jul 09	01 Aug 09
Torres Strait - Thursday Island	490	303	27	27	06 Jul 09	
Palm Island	202	3	13	13	20 Jul 09	
Total	5,464	1,180	472	136		

CURRENT SITUATION – AUSTRALIA

[04 Aug 09] WA Health reported a further three Pandemic (H1N1) 2009 related deaths. A 92 year old male with underlying medical conditions died at home on Saturday, 18 July 2009. A 46 year old man died at Armadale-Kelmscott Memorial Hospital on Tuesday, 28 July 2009, with underlying medical conditions that were exacerbated by Pandemic (H1N1) 2009. A 12 year old boy died at home on Sunday, 02 August 2009. The death is still being investigated by the Coroner. [WA Health Media Release, 4/8/09]

[04 Aug 09] South Australia reported its seventh Pandemic (H1N1) 2009 related fatality in a 66 year old woman. The woman had severe underlying medical conditions and died at the Repatriation General Hospital on Saturday, 01 August 2009. [SA Health Media Release, 3/8/09]

[04 Aug 09] The Institute of Child Health Research will start testing a CSL developed vaccine of 100 children aged between six months and eight years old. Two doses will be administered over a six week period. [ABC News, WA Today, 04/08/09]

[03 Aug 2009] The NIR #226 reported 22,109 confirmed cases of Pandemic (H1N1) 2009, an increase of 457 cases since the last SHECC Sitrep.

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[03 Aug 2009] On Saturday, 01 August 2009, Australian Capital Territory Health Officials confirmed the first Pandemic (H1N1) 2009 related death in the state. The case was a 54 year old male who tested positive to Pandemic (H1N1) 2009. The man died suddenly on Tuesday, 28 July 2009. ACT Health advised the man had underlying medical conditions and had been admitted to Canberra Hospital with respiratory distress. This death is still to be confirmed by the coroner, and pending the Coroner's findings, at this stage is not counted in the national tally. [Media Release, ACT Health, 01/08/09]

[03 Aug 2009] On Tuesday, 29 July 2009, the Asthma Foundation of South Australia released a statement warning parents to prepare for a School Asthma 'Spike'. It advises that due to this year's epidemic, parents, teachers and child workers should be particularly vigilant as the probability of an asthma attack is higher. [Media Release, Asthma Foundation SA, 29/07/09]

[02 Aug 2009] The Bellingen Hospital, on the mid north coast of NSW, has ceased accepting new patients over the weekend due to an outbreak of Pandemic (H1N1) 2009. It was reported seven staff had fallen ill with flu symptoms since a patient tested positive on July 24 2009. The hospital is operating normally in terms of people reporting to the emergency department and care for current inpatients. [Sun Herald, 02 August 2009]

[01 Aug 2009] A NSW piggery has been quarantined due to an outbreak of Pandemic (H1N1) 2009 in the pigs. Authorities believe the pigs caught it from a sick farmer and his staff, who are being tested by NSW Health. The Government confirmed sick animals had not entered into the human food chain and pork would not be contaminated, and the outbreak posed no risk to humans. [www.news.com.au/heraldsun website 01 Aug 2009]

[01 Aug 2009] The Tasmanian coroner is investigating the death of a child with Pandemic (H1N1) 2009 in the state's north-west last week. The girl suffered from a syndrome which may have made her more susceptible to Pandemic (H1N1) 2009, and was the fourth Tasmanian with Pandemic (H1N1) 2009 to die. [ABC News website 01 Aug 2009] This death is reported in the NIR #225, Sunday, 02 August 2009.

Table 2 Australian Pandemic (H1N1) 2009 Related Deaths, including those known to be Indigenous

Jurisdiction	Known Indigenous Deaths	Total Deaths
ACT*	0	0
NSW	0	24
NT	2	4
QLD	1	13
SA	1	7
TAS	0	4
VIC	0	17
WA	0	5
TOTAL	4	74

Source: National Incident Room Situation Report (NIR SitRep) No. #228 1200 AEST 05/08/09

* One death previously reported for the ACT is still to be confirmed by the coroner. ACT Health had requested that this death not be included in the national table until confirmed by the coronial process.

Notes:

1. Known Indigenous Deaths are a subset of Total Deaths.
2. Two most recent Queensland deaths not included in above table.

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Table 3 Current Australian hospitalisations, including Indigenous and ICU admissions (as a subset of hospitalisations) related to Pandemic (H1N1) 2009.

Jurisdiction	Current Hospitalisations			Cumulative Hospitalisations	
	Hospitalised	Indigenous	ICU	Hospitalised	Indigenous %
ACT	2	0	2	33	0.0
NSW	189	0	51	951	5.6
NT	26	19	5	196	82.7
QLD	95	15	28	662	21.6
SA	36	0	11	275	2.5
TAS	10	0	2	61	0.0
VIC	26	2	10	433	0.9
WA	25	3	12	178	12.4
TOTAL	409	39	121	2,789	14

Source: National Incident Room Situation Report (NIR SitRep) No. #228 1200 AEST 05/08/09

Notes:

1. For comparative purposes the figures for Qld are those reported and represented in the NIR sitrep – accordingly this will be different from the current figure presented elsewhere in this report.
2. Indigenous and ICU hospitalisations are a subset of current hospitalisations.
3. Since the implementation of the PROTECT Phase, laboratory testing has been targeted to moderate to severe cases and to those most likely to experience adverse health outcomes from Pandemic (H1N1) 2009 infection. Hence the number of confirmed cases is a reflection of cases tested and is not a reflection of the number of cases in the community.

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CURRENT SITUATION - INTERNATIONAL

[05 Aug 09] Media in Britain are reporting information from the Medicines and Healthcare products Regulatory Agency that negative side effects from Tamiflu are increasing since the National Pandemic Flu Service was launched on 23 July 2009. The service allows people to obtain access to Tamiflu over the phone without seeing a doctor. The *Daily Mail* reports there have been 143 adverse reactions in the week to Monday, 03 August 2009. The reported effects include vomiting, diarrhoea and psychiatric and nervous system problems. [Daily Mail UK, 4/8/09]

[05 Aug 09] On Tuesday, 04 August 2009, the WHO reported in an update on Pandemic (H1N1) 2009 activity that the virus had reached a total of 168 countries and territories on all continents.

[04 Aug 09] The Solomon Islands have reported their first confirmed case of Pandemic (H1N1) 2009. The person was a member of the Regional Assistance Mission that had flown to the Solomon Islands from Brisbane Thursday, 30 July 2009. The confirmed case and a further twelve colleagues that had travelled on the same flight have been quarantined with one displaying symptoms of ILI. [ABC Radio Australia News, 4/8/09]

[31 Jul 2009] On Friday, 31 July 2009, the WHO issued its Pandemic (H1N1) 2009 Briefing Note 5 - reporting on research conducted in the USA and published Wednesday, 29 July 2009. The WHO advised that media have drawn attention to the increased risk of severe or fatal illness in pregnant women when infected with the H1N1 pandemic virus. Several other countries experiencing widespread transmission of the pandemic virus have similarly reported an increased risk in pregnant women, particularly during the second and third trimesters of pregnancy. An increased risk of foetal death or spontaneous abortions in infected women has also been reported. [Pandemic (H1N1) 2009 Briefing Note 5, WHO, 31/07/09]

[03 Aug 2009] On Monday, 27 July 2009, the WHO issued its Pandemic (H1N1) 2009 – Update 59, advising that globally there had been 134,503 officially confirmed Pandemic (H1N1) 2009 cases, and 816 related deaths. The update also advised that given countries are no longer required to test and report individual cases, the number of cases reported understates the actual number of cases. [Pandemic (H1N1) 2009 Update 29, WHO, 27/07/09] For the full update, including a breakdown of case numbers by WHO region, go to:
http://www.who.int/csr/don/2009_07_27/en/index.html

[03 Aug 2009] On Monday, 24 July 2009, the WHO released Pandemic (H1N1) 2009 Briefing Note 4 advising that the number of human cases of Pandemic (H1N1) 2009 is still increasing substantially in many countries, even in those countries that have been affected by Pandemic (H1N1) 2009 for some time. [Pandemic (H1N1) 2009 Briefing Note 4, 24/07/09] The WHO also stated that the average age of cases is increasing. For the full briefing note, go to:
http://www.who.int/csr/disease/swineflu/notes/h1n1_pregnancy_20090731/en/index.html

[03 Aug 2009] The New Zealand Ministry of Health are reporting a total of 2,855 confirmed Pandemic (H1N1) 2009 cases in the country, and a total of 14 related deaths. The latest death is of a man in his 50s, who died in Christchurch last week. [Media Release, NZ Govt, 03/08/09]

[01 Aug 2009]. The New Zealand Capital & Coast District Health Board has reported that 100 out of 4,500 staff in the Wellington region had tested positive for Pandemic (H1N1) 2009, about the same number calling in sick as at this time last year. The hospital has given staff with symptoms the option of taking Tamiflu. [Dominion Post website 01 Aug 2009]

[31 Jul 2009] ECDC reported 2403 new cases, including 738 new cases from Germany, 705 from the UK and the first death in France were confirmed and reported from the EU and EFTA countries, reaching a total of 26,424. [ECDC website 01 Aug 2009]

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[31 Jul 2009] Media in New Zealand are reporting that the 39 year-old woman who died of pandemic (H1N1) 2009 in Wellington Hospital this week was a front-line health worker at Hutt Hospital. Her death, described as being from rare complications, is the 13th to be officially recorded in New Zealand. [Dominion Post 31/07/2009]

[30 July 2009] BBC News reported that the number of new Pandemic (H1N1) 2009 infections in England has doubled in the past week according to the Government. There were an estimated 100,00 new cases, with the under 14's worst hit. [BBC News Website, 31/07/2009]

[30 Jul 09] NIR reported a 36 year old Vietnamese man passed away from suspected avian influenza A (H5N1). He had reportedly had contact with a relative teaching in a province where a Pandemic (H1N1) 2009 outbreak has recently occurred amongst teaching staff and students. The significance of the incident is the possibility of simultaneous infection of Pandemic (H1N1) 2009 and avian influenza A (H5N1) and mutation of the virus producing a more virulent or transmissible strain. [NIR SitRep #222, 30 July 2009]

[30 Jul 09] On Thursday, July 30 2009, the NIR reported two more Japanese cases of of Tamiflu resistant Pandemic (H1N1) 2009.

PANDEMIC PHASE

1. International – WHO Pandemic Phase 6 (declared 11 June 2009). (Community level outbreaks with the same virus in two or more countries in one WHO region).
2. Australia – Australian Pandemic Phase – PROTECT (announced 22 June 2009)

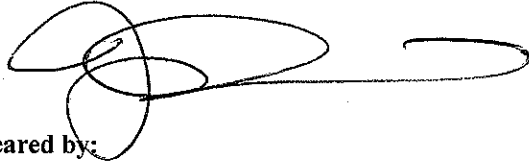
[27 Jun 09] As of Friday 26 June 2009, all States and Territories of Australia are in the PROTECT Phase. For further information on the PROTECT Phase, see:
<http://www.healthemergency.gov.au/internet/healthemergency/publishing.nsf/Content/resources>

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NEXT SHECC SITUATION REPORT will be issued on **Thursday, 06 August 2009.**

FURTHER INFORMATION

Information for health practitioners and the public is regularly updated on the Queensland Health internet website: <http://www.health.qld.gov.au/swineflu/>
Queensland Health Intranet site is regularly updated: http://qheps.health.qld.gov.au/swine_flu/



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**APPENDIX
SITUATION REPORT No. 100
Pandemic (H1N1) 2009
05 August 2009**

Table 1 Numbers of currently hospitalised (excluding ICU) confirmed cases by health service district

Table 2 Numbers of currently hospitalised (ICU) confirmed and probable cases by hospital

Chart 1 Queensland Pandemic (H1N1) 2009 notified confirmed cases known to be in hospital (excluding ICU), and known to be in ICU, by date

Chart 2 Reported admissions to hospital and ICU of Queensland Pandemic (H1N1) 2009 notified confirmed cases, by week of admission

Table 1 Numbers of currently hospitalised (excluding ICU) confirmed cases by health service district[†]

Health Service District	Confirmed cases currently hospitalised (excluding ICU)
Cairns and Hinterland	4
Cape York	0
Central Queensland	3
Central West	1
Darling Downs - West Moreton	3
Gold Coast	2
Mackay	0
Metro North (Brisbane) [^]	31
Metro South (Brisbane)	17
Mt Isa	0
South West	0
Sunshine Coast-Wide Bay	3
Torres Strait-Northern Peninsula	1
Townsville	6
Total	71

Source: Data for this graph is sourced from EpiLog between 10.30am and 11.30am on the day of reporting, and supplemented with data from other sources including NetEpi, population health units, and hospitals not inputting data into EpiLog.

Notes: [^] Includes Royal Children's Hospital (6 cases)

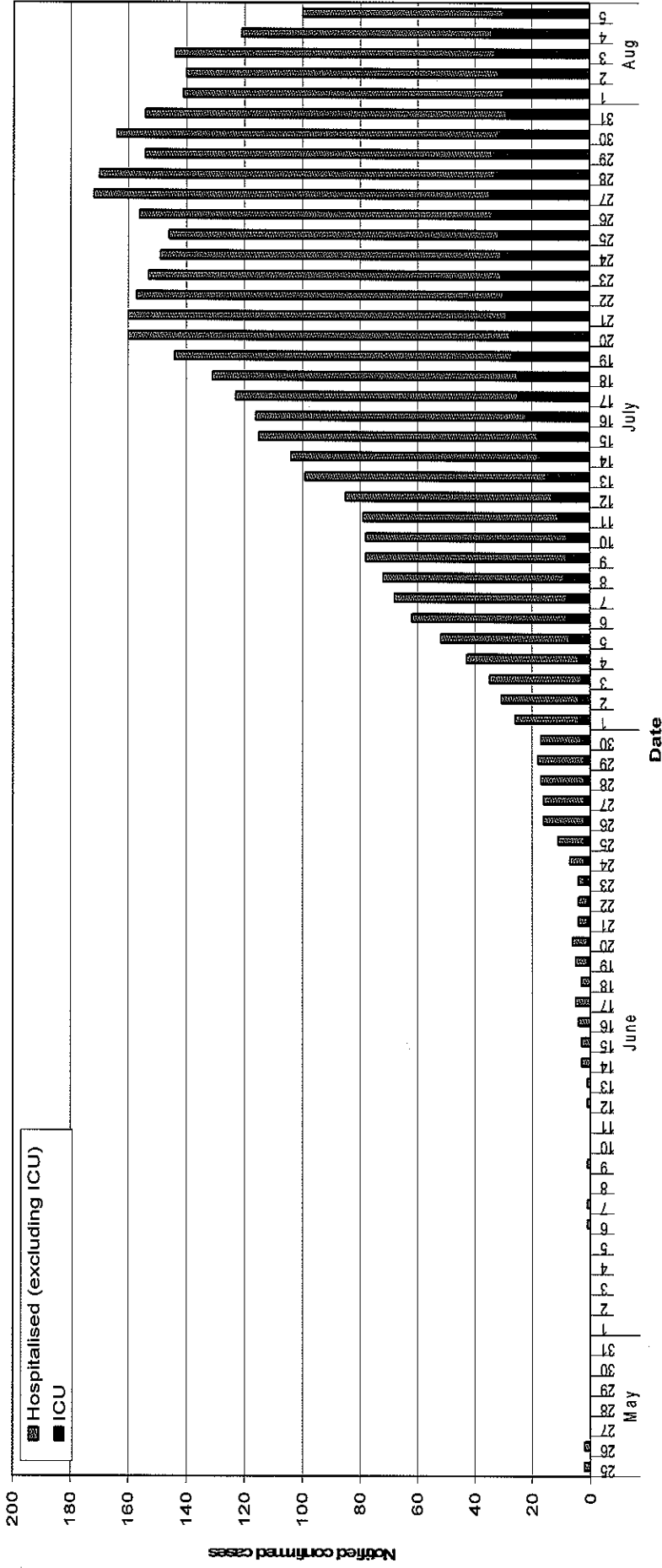
[†] Cases are allocated to a district on the basis of the location of the hospital at which they are currently admitted.

Table 2 Numbers of currently hospitalised (ICU) confirmed and probable cases by hospital

Hospital	Confirmed cases in ICU	Probable cases in ICU	Total in ICU (confirmed + probable)
Bundaberg	0	1	1
Cairns	5	0	5
Gold Coast	1	1	2
Hervey Bay	0	0	0
Ipswich	0	2	2
Logan	1	1	2
Mackay	1	0	1
Mater Public – Adult	1	0	1
Mt Isa	0	0	0
Nambour	2	3	5
PAH	3	2	5
QEI	0	2	2
Redcliffe	0	0	0
Robina	0	0	0
Rockhampton	2	0	2
RBWH	2	2	4
Toowoomba	1	1	2
Townsville	1	0	1
TPCH	8	4	12
Children's hospitals	2	0	2
Total	30	19	49

Source: Data were obtained from the H1N1 ICU Bed Management Visitors Sharepoint Group on 05 August 2009, at approximately 2.25pm.

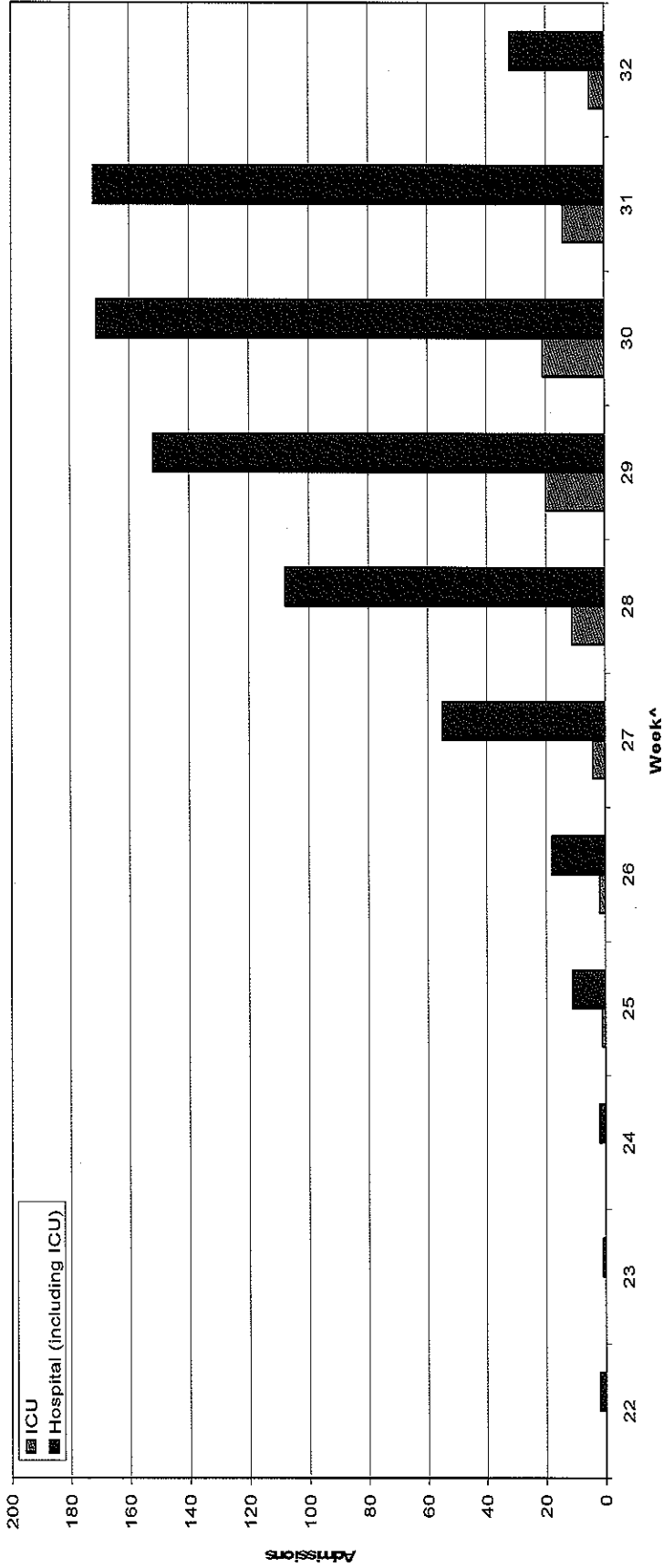
Chart 1 Queensland Pandemic (H1N1) 2009 notified confirmed cases[#] known to be in hospital (excluding ICU), and known to be in ICU, by date



Source: Data for this graph is sourced from EpiLog between 10.30am and 11.30am on the day of reporting, and supplemented with data from other sources including NetEpi, population health units, and hospitals not inputting data into EpiLog. NB. The hospital admission dates for three cases are being clarified, and are not shown.

Notes: # Data used in this graph is expected to change, due to variations in the timeliness of data collection, and the time between hospital admission and notification of confirmed test results for some cases.

Chart 2 Reported admissions to hospital and ICU of Queensland Pandemic (H1N1) 2009 notified confirmed cases# by week[^] of admission



Source: Data for this graph is sourced from EpiLog between 10.30am and 11.30am on the day of reporting, and supplemented with data from other sources including NetEpi, population health units, and hospitals not inputting data into EpiLog. NB. The hospital admission dates for three cases are being clarified, and are not shown.

Notes: # Data used in this graph is expected to change due to variations in the timeliness of data collection, and the time between hospital admission and notification of confirmed test results for some cases.

[^] The week is from Sunday to Saturday; the most recent week may only represent part of the week.