



Queensland Government

State
Health
Emergency
Coordination
Centre

SITUATION REPORT No. 87
Pandemic (H1N1) 2009
As at 16:00 AEST
23 July 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
¹ QLD Confirmed Pandemic (H1N1) 2009 Hospitalisations	79 (including 19 in ICU)
² QLD Suspect ICU Pandemic (H1N1) 2009 Hospitalisations	55 (including 10 in ICU)
QLD Pandemic (H1N1) 2009 Related Deaths (total)	4

Source:

1. Confirmed Hospitalisation data sourced from EpiLog (as at 1300 AEST) and NetEpi, as well as separate data sources including Population Health Units and hospitals not inputting cases to EpiLog.
2. Suspect Pandemic (H1N1) 2009 ICU Hospitalisation data sourced from EpiLog (as at 1530 AEST).

[23 Jul 09] On Thursday, 23 July 2009, Queensland reported its fourth Pandemic (H1N1) 2009 related death. The patient was an 84 year old male with underlying medical conditions. The man passed away in Brisbane on Wednesday, 22 July 2009.

AUSTRALIAN SPOTLIGHT

Australian Phase	PROTECT
Australian Pandemic (H1N1) 2009 Cases	15,701
Australian Current Hospitalisations	256
Australian Cumulative Hospitalisations	1,798
Australian Pandemic (H1N1) 2009 Related Deaths	43

Source:

1. National Incident Room Situation Report (NIR SitRep) #215, 1200 AEST 23/07/09

Note:

1. Two recent Queensland deaths are not recorded in the NIR figures due to reporting times.

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CURRENT SITUATION – QUEENSLAND

Torres Strait and Northern Peninsula

- [22 Jul 09] The strategy to remain in a CONTAIN and PROTECT Phase for an extended period of time has allowed the Torres Strait and Northern Peninsula district to limit the spread of the Pandemic (H1N1) 2009 virus, however, as community transmission of Pandemic is now apparent on a number of islands within the area, the district moved from the CONTAIN AND PROTECT Phase to PROTECT at close of business Wednesday, 22 July 2009.
- [22 Jul 09] The Australian Department of Foreign Affairs and Trade have advised the border between the Torres Strait and Papua New Guinea will remain closed pending a further visit and review by Papua New Guinea government officials. The next review is expected to take place on Monday, 27 July 2009.
- [20 Jul 09] On Monday, 20 July 2009 Torres Strait and Northern Peninsula Health Service District had recorded 87 confirmed cases of pandemic (H1N1) 2009 in 16 communities. There have been issues regarding adherence of quarantine protocols by local youth gathering due to lack of mobile phone service reception. A significant number of swabs from the Torres Strait have been delayed in Cairns and were expected to be tested on Tuesday, 21 July 2009.

Cape York

- [22 Jul 09] The discrete Indigenous community of Pormpuraaw in Cape York has moved to the PROTECT Phase. Due to an increase of confirmed Pandemic (H1N1) 2009 cases in the community, nursing and Indigenous Health staff are being re-deployed to Pormpuraaw from the wider district.
- [22 Jul 09] All other communities within the Cape York HSD remain in the CONTAIN Phase, with sentinel swabbing and ongoing surveillance.

Mount Isa

- [23 Jul 09] **Effective Thursday, 23 July 2009, Mount Isa, Cloncurry and Doomadgee will move from the CONTAIN phase to the PROTECT phase due to increased community transmission of Pandemic (H1N1) 2009. Other outlying areas of the Mount Isa region remain at the CONTAIN phase.**
- [23 Jul 09] **The first case of Pandemic (H1N1) 2009 has been identified in Mornington Island. Contact tracing is being conducted.**
- [18 Jul 09] On Saturday, 18 July 2009, a Flu Clinic was opened at Mount Isa. The situation will be monitored and assessed as to the duration of the clinic. See Table 1 – Queensland Flu Clinics for additional information.

Palm Island

- [23 Jul 09] **There are currently three suspect Pandemic (H1N1) 2009 admissions in Palm Island Hospital.**
- [21 Jul 09] Palm Island Flu Clinic re-opened on Monday, 20 July 2009 due to increasing numbers of confirmed cases on the Island. See Table 1 – Queensland Flu Clinics for additional information.

Recent Queensland Pandemic (H1N1) 2009 Related Deaths

- [22 Jul 09] A teenager with multiple underlying medical conditions died in Nambour Hospital. The patient tested positive to Pandemic (H1N1) 2009 after being admitted on Sunday, 12 July 2009 with respiratory difficulties.
- [22 Jul 09] A 70 year old male with multiple co-morbidities who passed away today, Wednesday, 22 July 2009. The patient had been admitted to Townsville Hospital as a cardiologist inpatient in the Critical Care Unit and had tested positive to Pandemic (H1N1) 2009.

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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 06
Torres Strait - Outreach Clinic Hammond Island	33	11	2	0	12 Jul 09	12 Jul 09
Torres Strait - Thursday Island	264	207	72	2	06 Jul 09	
Cherbourg	197	63	41	N/A	18 Jul 09	
Mount Isa	147	N/A	N/A	N/A	18 Jul 09	
Palm Island	93	N/A	N/A	N/A	20 Jul 09	
Total	4,809	1,035	361	93		

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

Chart 2 Reported admissions to hospital and ICU of Queensland Pandemic (H1N1) 2009 notified confirmed cases# by date of admission. See Appendix.

CURRENT SITUATION – AUSTRALIA

[23 Jul 09] As at 12:00 AEST **Thursday, 23 July 2009**, the National Incident Room is reporting **15,701** confirmed Pandemic (H1N1) 2009 cases in Australia. This is an increase of **998** cases since the previous SHECC Situation Report. For further information on Hospitalisations, see Table 2 – Current Australian Hospitalisations.

[23 Jul 09] On **Thursday, 23 July 2009**, the Tasmanian Government announced that a **77 year old woman suffering from a number of chronic conditions became the second Pandemic (H1N1) 2009 related death in the state.** The woman had been admitted to hospital and passed away **Wednesday, 22 July 2009.** [Tasmanian Govt. Media Release, 23/07/09]

[23 Jul 09] On **Wednesday, 22 July 2009**, South Australian Health advised a **56 year old woman had become the third person to die in South Australia after being diagnosed with Pandemic (H1N1) 2009.** The woman had underlying medical conditions and was admitted to hospital on **Sunday, 12 July 2009.** Her condition worsened and she died late **Tuesday, 21 July 2009.** South Australian Health also stated the number of confirmed Pandemic (H1N1) 2009 cases in South Australia had reached **1,467.** [South Australian Govt. Media Release, 22/07/09]

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Table 2 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	5	0	1	22	0.0
NSW	75	3	36	685	4.1
NT	22	16	8	156	84.6
QLD	73	7	28	319	7.5
SA	30	0	5	129	1.6
TAS	6	0	1	31	0.0
VIC	30	2	13	386	0.8
WA	15	1	11	70	7.1
TOTAL	256	29	103	1,798	10.8

Source: National Incident Room Situation Report (NIR SitRep) No. #215 1200 AEST 23/07/09

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.

Table 3 Australian Pandemic (H1N1) 2009 Related Deaths, including those known to be Indigenous

Jurisdiction	Known Indigenous Deaths	Total Deaths
ACT	0	0
NSW	2	17
NT	2	3
QLD	0	2
SA	1	3
TAS	0	2
VIC	0	15
WA	0	1
TOTAL	5	43

Source: National Incident Room Situation Report (NIR SitRep) No. #215 1200 AEST 23/07/09

Notes:

1. Known Indigenous Deaths are a subset of Total Deaths.
2. Two of the recent Queensland deaths are not recorded in the above table of NIR #215 reported deaths.

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CURRENT SITUATION - INTERNATIONAL

[23 Jul 09] Media are reporting an additional two instances of the Pandemic (H1N1) 2009 virus showing Tamiflu resistance. The first instance was in a 60 year old Canadian male who had been given the antiviral after a family member was confirmed to have Pandemic (H1N1) 2009. Media reported there was no evidence the man transmitted the resistant strain to anyone else. The second case of resistance was identified in the city of Yamaguchi, Japan. This case had been given the antiviral as post-exposure prophylaxis. The person has since recovered, and there appears to have been no transmission. The virus was sensitive to Relenza. There have now been five cases of Tamiflu resistance reported globally. [Canadian Press, 23/07/09]

[23 Jul 09] On Thursday, 23 July 2009, the New Zealand Ministry of Health reported a total of 2,525 confirmed Pandemic (H1N1) 2009 cases. They also noted that the actual number of Pandemic (H1N1) 2009 cases would be significantly higher, as only a small proportion of people with symptoms are being tested. There have been a total of 11 Pandemic (H1N1) 2009 related deaths recorded in the country. [New Zealand Media Release, 23/07/09]

[20 Jul 09] Higher oseltamivir dosing and longer duration of treatment has been suggested for H5N1 (avian influenza) patients with severe pulmonary disease (14). Until additional data are available, higher oseltamivir dosage (e.g., 150 mg orally twice a day for adults) or extending the duration of treatment can be considered for severely ill hospitalized patients with novel influenza A (H1N1) virus infection. The article, *Intensive-Care Patients with Severe Novel Influenza A (H1N1) Virus Infection – Michigan, June 2009*, can be viewed at:
<http://www.cdc.gov/MMWR/preview/mmwrhtml/mm58d0710a1.htm>

[19 Jul 09] On Sunday, 29 July 2009, Media reported that the UK Department of Health has announced that every child between 3-16 years of age in Britain will be vaccinated against Pandemic (H1N1) 2009 by late December 2009. Aside from school children, priority will be given to women who are more than 3 months pregnant, health and care workers, pensioners and anyone with an underlying health problem or weak immune system. Other Britons will need to wait until early 2010 to be vaccinated. (NIR #210, 19/07/09)

[18 Jul 09] On Thursday, 16 July 2009, the United Kingdom Health Protection Agency reported in their weekly Influenza Report that in week 28 (ending 12 July), GP consultation rates for influenza and influenza-like illness increased in General Practice schemes across the UK. They advised rates are above the threshold for normal seasonal flu activity and higher than those observed at the peak of the 08/09 winter. [UK HPA Weekly Report, 16/07/09]

[18 Jul 09] The UK HPA also estimates that there were 55,000 new cases of pandemic (H1N1) 2009 last week (range 30,000 – 85,000). This estimate is based on latest weekly consultation rates for influenza-like illness, taking into consideration positivity rates for Pandemic (H1N1) 2009 from HPA's virological sampling and a range of assumptions related to the numbers of people attending their GP. [NIR SitRep #210, 18/07/09] The UK HPA Report is at Attachment A.

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 Friday, 24 July 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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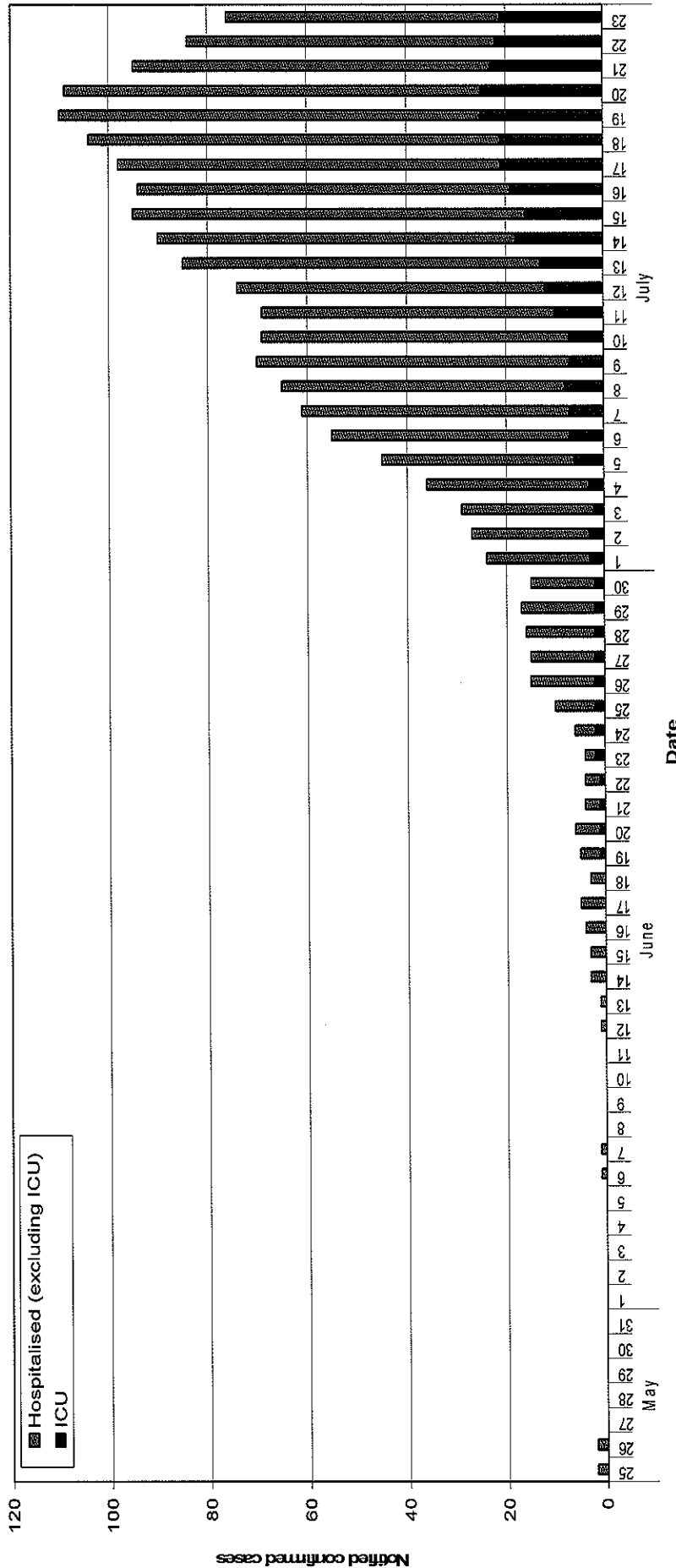
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**APPENDIX
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Chart 1 Queensland Pandemic (H1N1) 2009 notified confirmed cases known to be in hospital (excluding ICU), and known to be in ICU, by date

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

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

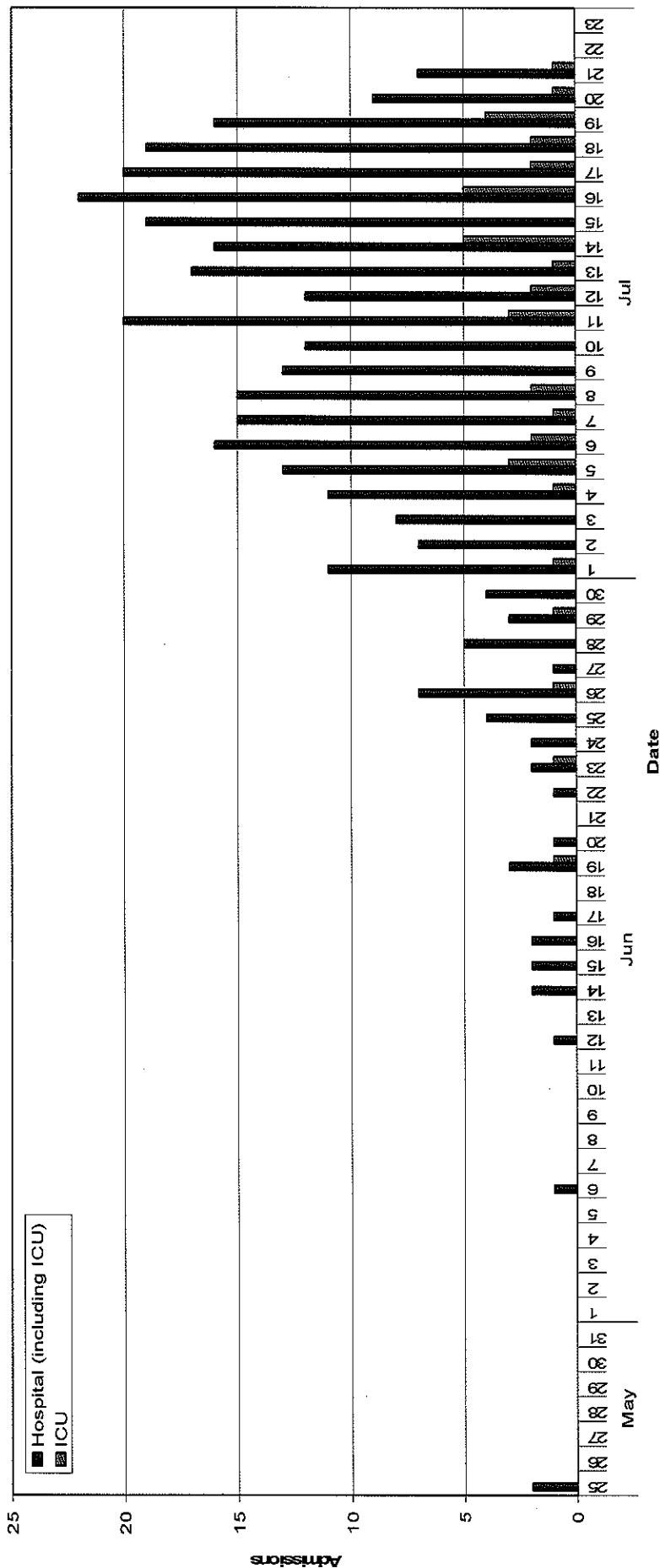


Source: Data for this graph is sourced from EpiLog between 10.30am and 11.30am on the day of reporting, and supplemented with data from other sources including NetEpi, population health units, and hospitals not inputting data into EpiLog.

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.

NB. The admission dates for three cases were not available at the time of reporting, and are not shown. The admission dates for one further case is being clarified, and is also not shown. Yesterday, one case was erroneously shown as being admitted from 25/5/2009 to yesterday. This error has been corrected.

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



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