



SWIN110809 SITREP
ISSUED BY: OUTBREAK RESPONSE UNIT, NICD

SITUATION UPDATE PANDEMIC INFLUENZA A(H1N1) 2009 SOUTH AFRICA

This is a situation report issued by the NICD in order to report on cases that tested positive for pandemic influenza A(H1N1) 2009 as at 18H00 on 11 AUGUST 2009.

Please take into account the following factors when interpreting this information:

- (1) The current recommended strategy for laboratory diagnostics is to test only moderate to severe cases where a diagnosis will inform the clinical management of a patient. Although routine testing of mild cases is no longer recommended as policy, the cumulative totals reported here likely includes a number of cases of mild disease due to testing practices.
- (2) This report includes confirmations made by both public sector laboratories (NHLS: NICD and the Division of Medical Virology, Tygerberg) and private sector laboratories, including:
 - Ampath – Drs. du Buisson, Bruinette, Kramer Inc. and Dr. Bouwer & Partners Inc.,
 - Lancet Laboratories,
 - PathCare Laboratories - Dr's Dietrich, Voigt, Mia and Partners, and
 - Vermaak and Partners Pathologists.

The cumulative total reflects reported confirmations received from all sources before the time of publication. NICD acknowledges and thanks all laboratories for the continued sharing of information.

Table 1: Number of pandemic influenza A(H1N1) 2009 by province, South Africa, updated on 11 August 2009

Province of residence*	Laboratory-Confirmed Cases (%) †	Newly confirmed cases**	Laboratory-confirmed H1N1 Deaths †
Eastern Cape	82 (4.3)	65	0
Free State	14 (0.7)	9	1
Gauteng	957 (50.1)	584	0
KwaZulu Natal	129 (6.8)	99	0
Limpopo	45 (2.4)	43	0
Mpumalanga	36 (1.9)	29	0
Northern Cape	3 (0.2)	2	0
Northwest	34 (1.8)	27	0
Western Cape	586 (30.7)	450	2
Unknown	23 (1.2)	10	0
Total for South Africa	1910 (100.0)	329	3

† An individual with acute respiratory infection in whom pandemic influenza A(H1N1) 2009 infection has been laboratory-confirmed by a designated reference laboratory.

* Cases classified into province of home residence as provided by the patient at time of laboratory confirmed. This does not take into account travel before or after infection outside of their home province.

** These are cases reported to NICD (or confirmed within the NICD) since the publication of the last report (published weekly on a Monday afternoon).

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Table: Number of seasonal influenza isolates by province, South Africa, 2009, Updated on 8 August 2009 to end week 31 (week ending 31 July 2009)†

Province	Influenza				Total
	A (awaiting further typing)	A/H1N1 (seasonal)	A/H3N2	B	
Eastern Cape	1	0	17	0	18
Free State	0	0	9	0	9
Gauteng	38	4	1003	44	1089
KwaZulu-Natal	1	0	38	1	40
Limpopo	4	0	68	0	72
Mpumalanga	2	0	55	0	57
Northern Cape	0	0	8	0	8
North West	1	0	3	0	4
Western Cape	30	1	118	9	158
Total	77	5	1319	54	1455

†Data on influenza virus isolates obtained from the “Viral watch” sentinel-site surveillance for seasonal influenza, Severe Acute Respiratory-tract Infection Surveillance Programme, routine specimens submitted to the NICD for investigation for respiratory viruses, and surveillance for novel influenza A/H1N1 (swine origin). Data are updated on a weekly basis. For more information on NICD seasonal influenza surveillance programmes please visit <http://www.nicd.ac.za/> (click on the link “Seasonal Influenza Surveillance”).



World Health Organization Collaborating Centre
for Haemorrhagic Fevers & Arbovirus Diseases.
Member of the Regional EPI Laboratory Network
in the capacity of a Regional Reference Laboratory



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