

EXERCISE BEAIVI 15-16 May 2012

**Serial 2.1
Exercise Scenarios**

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Measles Scenario - Ukraine

Background

1 June 2012

It is one week before the European football championships being staged jointly between Poland and the Ukraine are due to start. A week ago, a German daily newspaper published a strongly worded editorial article suggesting that due to the ongoing large scale outbreak of measles in the Lviv Oblast, the region in which Germany is playing two of its group games, anybody attending was taking a risk with their health. This was quickly dismissed by the national authorities of Ukraine and the organising committee who pointed out that Germany had more cases of the disease in 2011 than the Ukraine.

17 June 2012

Overnight a French boy, age 12, attending the Euro2012 championships, dies. The cause of death is not clear, but there is a suspicion it could be measles given the large number of cases in the Ukraine. The family are mystified that the boy died of measles as he was vaccinated against measles as a baby. Two other people from the boy's party are seriously ill in hospital suffering from rash and fever.

The boy had been staying with his father and two older brothers at an annex of a resort complex, a fan camp on the North Western outskirts of Lviv, designed to house up to 3000 supporters attending the European Soccer Championship group matches between Germany, Netherlands, Denmark and Portugal. However, because of the huge demand, the owner of the camp, recognising the opportunity to make more money, managed to rent an additional adjacent camping area for 500 people from the local Roma community at the last minute and is using this "annex" to house the overspill. The Roma, rather than all moving to one of their many alternative locations in this part of the Ukraine and over the border in Poland, and seeing the opportunity to make money from the fans, have moved to one corner of the land. The last minute nature of the annex means that sanitation and washing facilities are non-existent and fans are having to cross the road to use the official camp facilities which are now becoming stretched.

Meanwhile a Ukrainian doctor speculates to the press about two food handlers, originally from the Caucasus, who were admitted to his hospital overnight and have paralytic symptoms consistent with polio. The Ukrainian MoH deny the story.

Lviv is a city of approximately 750000, situated in the West of the Ukraine, 70km from the Polish border. Other matches in the group are being held in Kharkiv, to the east of the country, close to the Russian border. The family group had been staying at the campsite in Lviv since the 6th June, but had spent 3 days travelling to and from Kharkiv, arriving back three days earlier (14 June).

The Ukrainian Ministry of Public Health has informed WHO under IHR of the case. They are planning to hold a press conference at 8pm CEST. The local Roma community has strong links with the Polska Roma who live just over the border.

18 June

Due to the press coverage, general misinformation circulating in the Ukraine around an outbreak of a new strain of killer measles, and lack of any authoritative information, the Polish are considering border restrictions. They are not closing the border completely but demanding that those crossing the border produce evidence (certificates) confirming their measles immunization status. As immunization certificates are not routinely issued this is effectively closing the border (although Polish citizens are being allowed to cross).

In the fan camp, in response to the measles outbreak, local health officials are offering to vaccinate football fans (at a price) with the measles vaccine and provide certificates to confirm this. The limited stocks mean the price is high relative to local salaries and the local Roma are not being offered the same service. Tensions are rising in the local community.

The Ukraine is trying to obtain additional stocks of vaccine. A press conference is planned by the MoH for 11am.

H5N1 Scenario - Cairo

Médécins sans frontières (MSF) has been supporting the Egyptian organisation Al Shehab operating a maternal and child health clinic in the Cairo slum of Ezbet el Haggana, home to hundreds of thousands of people, for the past two years. Residents include Egyptians who have left their rural homes, long-term inhabitants of Cairo, and migrants who mainly come from Somalia and Sudan. The MSF team comprises two doctors and eight nurses supported by locally employed support and administration staff.

A report on promed overnight has described the hospitalisation of two MSF workers in a Cairo hospital yesterday with what is being described as a flu-like illness. Symptoms include high fever, chills, aching joints and muscles and one, a German national, is in a very serious condition with severe pneumonia. The

other, a French national, is in a less serious condition. Both are being treated with oseltamivir and samples have been taken for analysis at the local WHO H5 reference laboratory in Cairo. Results are expected in the next 24 hours.

Whilst it is still speculation at this stage, both appear to have the symptoms of bird flu. There have been sporadic cases of bird flu in this slum area in the recent past and a death in the past few days of a 37-year-old pregnant female recently arrived from the Kafr el-Sheikh governorate. Preliminary investigations into the death with regard to the source of infection indicate close contact with sick or deceased backyard poultry at the cases' residence. The case was confirmed by the Central Public Health Laboratories, a National Influenza Centre of the WHO Global Influenza Surveillance Network.

Further investigations indicate that the deceased female attended the health clinic on the day of her hospitalisation and was seen by both nurses who are now exhibiting symptoms of bird flu as well as others in the clinic. Records indicate the deceased female was transferred directly from the health clinic to the local hospital 3 days ago with severe pneumonia. She had developed symptoms of the disease 4 days previously.

18 June

Results confirm that the two MSF workers do not have bird-flu but have contracted an atypical pneumonia. Further tests are underway to determine the cause

Business Continuity Scenario – Stockholm

Work on Norra länken ('the northern link') is still ongoing. The majority of this work involves blasting new tunnels between Norrtull and Värtan. Some of this blasting is complicated by the proximity to existing metro lines, district heating conduits and sensitive equipment in buildings which fails if disrupted by excessive vibration.

However by 17 June 2012 the blasting to the western end of the new road development has been successfully completed and the installation of the infrastructure to support the new road network has begun. Part of the requirement is for installation of 13 new electricity substations.

At 08:30 on the 18 June 2012, during the commissioning of one of the new substations in the new tunnel close to the Karolinska, there is a major short circuit and a power outage across the local grid occurs. This affects an area of approximately 2 km² to the West of the Karolinska and includes ECDC. As the power supply cuts out the UPS takes over, providing sufficient power for the

Emergency operations room for an hour. However, the switch on the back-up generator fails and it fails to kick in so that the rest of ECDC loses power.

At 09:00 a phone call to the electricity supplier confirms that they are aware of the problem but cannot yet give an estimate of when the problem may be fixed. Previous similar incidents have seen electricity supplies been restored anytime between two and 24 hours later depending on the complexity and the scale of the outage.



EXERCISE BEAIVI

SERIAL 1.1 – PLAYER BRIEFING

