ECDC Pandemic Preparedness Self Assessment Indicators
Version summer 2007

For details of Use see
http://ecdc.europa.eu/Health_topics/Pandemic_Influenza/Assessment_tool.html

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A) Seasonal influenza

1. Surveillance

Goal 1: An influenza surveillance system in place collecting epidemiological and virological information

Key indicator 1:

1. Surveillance data published during the influenza season for:
   (1.a) National Level?  Yes ☐ No ☐
   (1.b) Administrative regional level?  Yes ☐ No ☐

Subsidiary indicators:
1.1: Representative sentinel primary care surveillance across whole country?  Yes ☐ No ☐
1.2: Virological surveillance across whole country:
   (1.2.a) Based on clinical samples?  Yes ☐ No ☐
   (1.2.b) Based on structured sampling?  Yes ☐
No ☐

- *Please provide further information about the influenza surveillance system (coverage) and any limitations.*
2 Laboratory issues

Goal 2: National laboratory capacity able to provide timely, high quality, validated routine and diagnostic influenza laboratory support with committed budget to facilitate this work

**Key indicator 2:**

**National laboratory capacity to perform:**

| (2.a) Virus isolation? | Yes ☐ No ☐ |
| (2.b) Influenza typing? | Yes ☐ No ☐ |
| (2.c) Influenza sub typing? | Yes ☐ No ☐ |

**Subsidiary indicators:**

| (2.1.) Name and location of laboratory? | Yes ☐ No ☐ |
| (2.2.) Participates in WHO Global Influenza Surveillance Network? | Yes ☐ No ☐ |
| (2.3.) Number of specimens that can be handled per day at lead laboratory? |
| (2.4.) Regional Laboratories with explicit resources using nationally agreed protocols for identification of viruses taking part in national recognised QA scheme? | Yes ☐ No ☐ |
| (2.5.) Specimen transport arrangements in place for getting specimens to national centre? | Yes ☐ No ☐ |
| (2.6.) Number and qualifications of staff in NIC? |
| (2.7.) Explicit plan for NIC surge capacity accepted by management? | Yes ☐ No ☐ |
| (2.8.) Time from receipt of specimens to being confirm to WHO a novel type (H5N1)? |

- Please provide further information about the influenza laboratory (comment, if laboratories participate in WHO Global Influenza Surveillance Network system) and any limitations.
3. Seasonal influenza vaccination

Goal 3: National annual seasonal influenza vaccination programme in place achieving >75% uptake in over 65s and increasing uptake in occupational and clinical risk groups

**Key indicator 3:**

3. National annual uptake in persons aged >65 available:

   (3.a.) If yes: year:
   (3.b.) Uptake in %:

**Subsidiary indicators:**

(3.1.) Risk groups identified in published policy document? Yes ☐ No ☐

(3.2.) Information systems can deliver uptake figures for the elderly at lower administrative levels?

(3.3.) Incentives to improvement considered?

(3.4.) Pro-active annual improvement programme in place with explicit targets for the elderly as per WHO (60%) or better?

(3.5.) Annual national publicity campaign (documents available)?

(3.6.) Able to routinely measure uptake in other risk groups

(3.7.) Routinely measure total use of influenza vaccine?

(3.7.a) Data for last year available?

Please provide further information about the vaccination strategy and last year's uptake in % and any limitations.
B) Pandemic influenza

4 - 11 Planning and coordination

National level (4 – 9)
Goal 4: National planning committee/structure in place that has a coordinating role for pandemic preparedness

Key indicator 4:

4. Is there national planning committee/structure in place that has a coordinating role for pandemic preparedness?  
   Yes ☐  No ☐

(4.a.) Is a list of participating bodies/members available?  
   Yes ☐  No ☐

(4.a.1.) If yes, cross sectoral  
   Yes ☐

No ☐

Subsidiary indicators:
(4.1.) Relevance of pandemic planning recognized by decision-makers
   ☐  Yes ☐  No ☐

(4.2.) Preparedness policies developed and adopted?  
   No ☐  Yes ☐

(4.3) Regional/local planning and coordination structure for pandemic preparedness in place?  
   ☐  Yes

- Please provide further information about the national planning committee/structures (if this is a cross-sectoral group that coordinates also non-health sector) and any limitations:

Goal 5: National pandemic plan consistent with international (WHO and EU) guidance, publicly available

Key indicator 5

5. National health sector influenza plan?  
   Yes ☐

No ☐

(5.a) If yes, last month/year updated

Subsidiary indicators:
(5.1) Legal frameworks established coherent with international legislation (International Health Regulations)?

Yes □
No □

(5.2) Ethical frameworks established coherent with international legislation (International Health Regulations)?

Yes □
No □

• Please provide further information about national plan, e.g. where the plan is published (i.e. web addresses) and any limitations

Goal 6: National command and control structure in place for managing an influenza pandemic

Key indicator 6

6. National command and control structure in place for managing an influenza pandemic?

(6.a) Health services command and control structure

Yes □
No □

(6.b.) Cross-sectoral command and control structure

Yes □
No □

Subsidiary indicators:

(6.1.) Expert group established that would provide immediate advice in a pandemic?

Yes □
No □

(6.2.) Plans for a ‘forward look’ group established to anticipating needs and advising decision makers?

Yes □
No □

• Please provide a summary diagram and/or explanation of this national level command and control structure and any limitations

Goal 7. National contingency plan for maintenance of non-health essential services, such as power supply, food distribution etc, publicly available

Key indicator 7
7. National contingency plan for maintenance of non-health essential services?  
Yes ☐  No ☐  
(7.a) if yes, last month/year updated  

Subsidiary indicators:  
(7.1.) Underpinning operational modelling work undertaken (e.g. on possible staff absences and its impact)?  
Yes ☐  No ☐  
(7.2) Anticipated resource implications for implementation addressed?  
☐ Yes ☐ No ☐  
(7.3) Monitoring of resource needs during pandemic addressed? 
Yes ☐  No ☐  

- Please provide details of where the plan is published (i.e. web addresses) comment on sectors covered by the plan and any limitations

Goal 8. Potential impact of measures for neighbouring countries and the EU discussed

Key indicator 8

8. Joint work undertaken with neighbouring country/s on mutually relevant policy areas?  
Yes ☐  No ☐  
(8.a) if yes, last month/year of joint work  

Subsidiary indicators:  
(8.1.) Plans of neighboring countries known and available?  
Yes ☐  No ☐  

- Please comment on the proportion of neighbouring countries contacted and give examples of joint work undertaken and any limitations
Goal 9. Pandemic preparedness regularly and systematically tested at all levels and across all sectors, including lessons learnt, report published and fed back into planning

Key indicator 9

9. National level health sector exercise?  
☐ Yes □ No
(9.a) if yes, last month/year of exercise

Subsidiary indicators:
(9.1.) Exercise how to deal with pandemic influenza?  
☐ Yes □ No
(9.2.) Exercise how to deal with H5N1 cases?  
☐ Yes □ No
(9.3.) Exercise included communication strategy?  
☐ Yes □ No

• Please provide further information on type/scope of exercises

Regional/local level (10 - 11)
Goal 10 Regional/local planning and coordination structure for pandemic preparedness in place

Key indicator 10

10 Regional/local planning and coordination structure?  
☐ Yes □ No
(10.a) if yes, cross-sectoral

Subsidiary indicators:
(10.1.) Do you have a local contingency plan  
☐ Yes □ No

• Please provide further information if this a cross-sectoral group that coordinates also non-health sectors and any limitations

Goal 11 Regional/local health services able to cope with an influenza pandemic and continue to provide other essential health services
Key indicator 11

11 Planning document issued to local health services which includes the nationally agreed parameters for which local services should plan (expected range of cases and percentage of staff off sick)?

Yes ☐ No ☐

(11.a) if yes, last month/year updated

• Please provide further information on vaccination strategy and any limitations

12 - 13 Situation monitoring and assessment

Goal 13: Ability to detect initial cases, and to monitor the spread and impact during the different phases of a pandemic

Key indicator 12

12. Pandemic surveillance and information plan

Yes ☐ No ☐

(12.a) if yes, last month/year updated

Subsidiary indicators:

(12.1.) Cross-sectoral command and control structure? Yes ☐ No ☐

(12.1.) Expert group established that would provide immediate advice in a pandemic? Yes ☐ No ☐

(12.2.) Plans for a ‘forward look’ group established to anticipating needs and advising decision makers? Yes ☐ No ☐

• Please provide further information about national command and control structure and any limitations

Goal 13: Ability to detect initial cases, and to monitor the spread and impact during the different phases of a pandemic

Key indicator 13
13. Outbreak investigation capacity? Yes ☐ No ☐

Subsidiary indicators:
(13.1.) Plan and database for gathering key information from the first cases in the country available? Yes ☐ No ☐

(13.2.) Inventory of resources available for national outbreak team? Yes ☐ No ☐

- Please comment on any specific measures taken to ensure this capacity for the early phase of a pandemic and any limitations
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14 - 16: Prevention, mitigation and treatment

Goal 12: Public education materials as part of a national strategy on personal non-pharmacological public health measures (personal hygiene, self isolation)

**Key indicator 14**

14. Public education materials available?
(14.a) Material on seasonal influenza published

| Yes | No |
---|---|

(14.b) Material on pandemic influenza ready

| Yes | No |
---|---|

**Subsidiary indicators:**
(14.1.) Rapid clearance procedures known?

| Yes | No |
---|---|

(14.2) Website available?

| Yes | No |
---|---|

(14.3.) Spokesperson(s) identified?

| Yes | |
---|---|

- Please provide details of where the plan and education material is published (i.e. web addresses), comment if under development, and when expected to be finalized and any limitations.

Goal 15 National strategy for community non-pharmacological public health measures (travel, mass gatherings, school closures etc)

**Key indicator 15**

15. Group established to develop such a strategy?

| Yes | No |
---|---|

(15.a) if yes, month/ year of last meeting

**Subsidiary indicators:**
Cross-sectoral strategy (or working) strategy agreed for:
(15.1.) International travel?

| Yes | No |
---|---|

(15.2) National travel?

| Yes | No |
---|---|

(15.3) Mass gatherings?

| Yes | No |
---|---|

(15.4) School closure?

| Yes | No |
---|---|

(15.5) Case isolation?

| Yes | No |
---|---|
(15.6.) Isolation of contacts?  
Yes ☐  No ☐

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• Please comment if this has been considered but not been started yet and provide further information on non-pharmaceutical public health measures and any limitations

16 17 Health care response
Goal 16 National antiviral strategy developed, including plans for procurement, stockpile and delivery to patients

Key indicator 16

16. National antiviral strategy developed?  
Yes ☐  No ☐
(16.a) if yes, last month/year updated

Subsidiary indicators:
(16.1.) Practical mechanism for delivery to patients agreed and in place?  
Yes ☐  No ☐

(16.2.) Therapeutic stockpile in place - percentage of population covered?  
Yes ☐  No ☐

(16.3.) Clinical protocols agreed and published?  
Yes ☐  No ☐

(16.4.) Public health stockpile in place (if part of strategy)?  
Yes ☐  No ☐

(16.5.) Practical mechanism for delivery for public health purposes (prophylaxis) agreed and in place?  
Yes ☐  No ☐

• Please comment if under development, and when expected to be finalized and provide further information on plans for stockpiling, including percentage of the population to be covered, antiviral use and any limitations

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Goal 17 National pandemic vaccination strategy developed, including procurement, distribution and targeting of pandemic vaccines

Key indicator 17
17 National pandemic vaccination strategy developed? Yes ☐ No ☐
(17.a) if yes, last month/year updated

Subsidiary indicators:
(17.1.) Regulatory issues, liability, intellectual property rights addressed?
☐ Yes ☐ No
(17.2.) Supply arrangements agreed and contract in place with supplier?
☐ Yes ☐ No
(17.3.) Logistic and operational needs for implementation of H5N1-human-vaccines/pandemic vaccine strategy reviewed and agreed?
☐ Yes ☐ No

• Please provide further information on vaccination strategy and if developed, please comment whether H5N1 human ('pre-pandemic') vaccines are part of strategy. Please comment if under development, and when expected to be finalized.

18. Communication
Goal 18 National communication strategy developed and published

Key indicator 18

18 National communication strategy? Yes ☐ No ☐
(18.a) if yes, last month/year updated

Subsidiary indicators:
(18.1) Spokesperson(s) known?
☐ Yes ☐ No
(18.2.) Rapid clearance procedures known?
☐ Yes ☐ No
(18.3) Website(s) available/known?
☐ Yes ☐ No
(18.4) Media briefing materials available/known?
☐ Yes ☐ No
(18.5) Capacity planned and tested for meeting expected domestic information demands for diverse audiences, including professional/technical groups, the news media and general public?
☐ Yes ☐ No
(18.6) Networks among key response stakeholders established, including risk communicators, non-health government departments, and professional and technical groups?

No ☐ Yes ☐ No ☐

(18.7) News media with national plans familiarized, including preparedness activities and decision-making related to seasonal and pandemic influenza?

Yes ☐ No ☐

(18.8) Date(s) of media briefing(s) in last 12 months?

Please provide further information on communication strategy and details of where the strategy is published (i.e. web addresses) Please comment if under development, and when expected to be finalized and any limitations

C) Avian influenza

19. Animal surveillance
Goal 19 National system in place for influenza surveillance in animals (including wild birds) which meets EU requirements

Key indicator 19

19 National system for influenza surveillance in animals?

Yes ☐ No ☐

Subsidiary indicators:

(19.1) Contingency plans developed for communicating the risk to the general public?

Yes ☐ No ☐

(19.2.) Access to at least one veterinary laboratory able to offer routine influenza diagnosis, typing and sub typing, but not necessarily strain identification?

Yes ☐ No ☐

Please comment when last time data from this system were available to the public

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20. Capacity to manage outbreak

Goal 20 National capacity for managing an outbreak of HPAI with human health implications, developed in collaboration between health and veterinary authorities

**Key indicator 20**

20 Joint health and veterinary plan or complementary plans?

□ Yes □ No

(20.a) if yes, last month/ year updated

**Subsidiary indicators:**

(20.1) Outbreak investigation capacity for avian influenza in animals (in particular in birds) available?

□ Yes □ No

(20.2) Exercises for avian influenza in animals (in particular in birds) conducted and results used to improve planning?

□ Yes □ No

(20.3.) Date(s) of exercises in the last 12 months

(20.4) Number of officers trained?

□ Yes □ No

(20.5) Available results used

□ Yes □ No

- Please provide further information on the type of plan (joint human/veterinary or two complementary) and provide details of where the plan is published (i.e. web addresses)

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