

Asian Network of Major Cities 21 (ANMC 21) Countermeasures to Combat Infectious Diseases in Asia

### Proposal for Infectious Disease Information Network System

**Tokyo Metropolitan Government** 

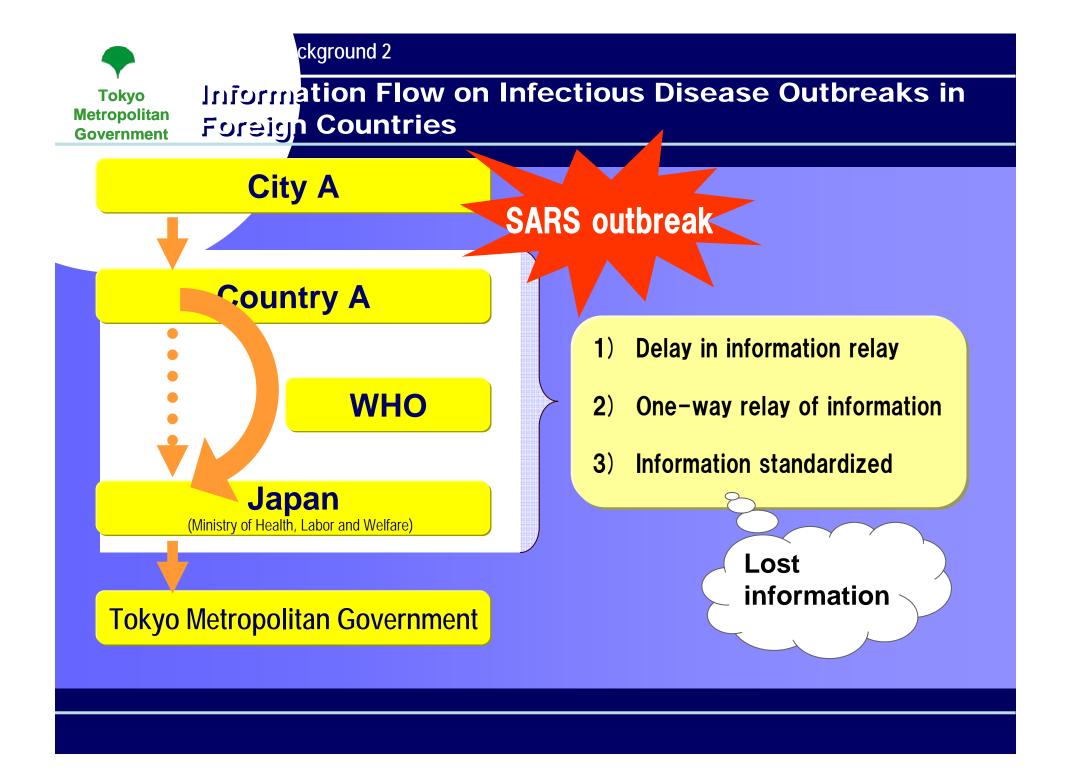
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Tokyo Metropolitan Government

**MHO** 

#### Dates of Onset for First Probable SARS Cases Reported to

ZAKHSTAN MONGOLIA KYRGYZSTAN Sea of Japan 2002.11.16 NORTH KOREA JAPAN TAJIKISTAN 2003.4.25 CHINA East China Sea TAN • 2003.4.25 BHUTAN Pacifi Ocean 2003.2.25 BANGLADESH INDIA TAIWAN 2003.2.23 HONG KONG LAOS Bay of Bengal 2003<sup>Somth</sup>25 Philippine Sea THAILAND PHILIPPINES 2003.3.11 • Sea CAMBODIA 2003.3.14 SRI LANKA BRUNEI MALAYSIA MALAYSIA 2003.2.25 R SINGAPORE  $\sim$ 5 PAPUA Indian Ocean 2003.4.6 NEW GUIN INDONESIA **Red dates:** SARS-infected regions Coral





### Information Flow on Infectious Disease Outbreaks in Foreign Countries

1) Delay in communication

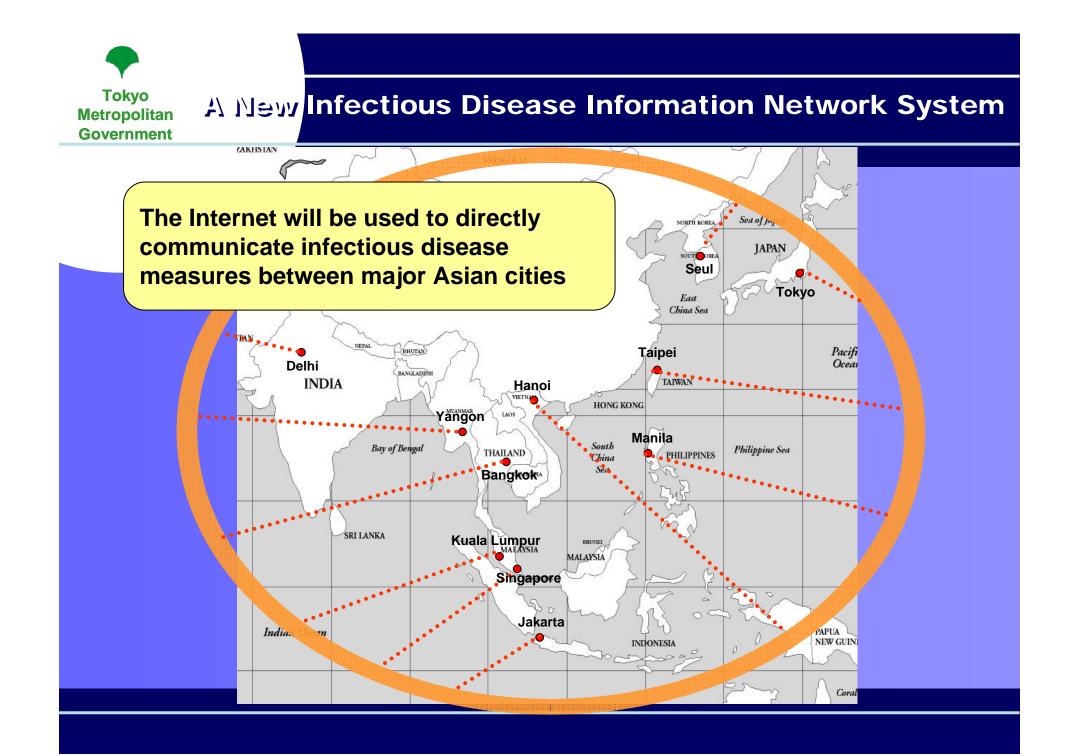
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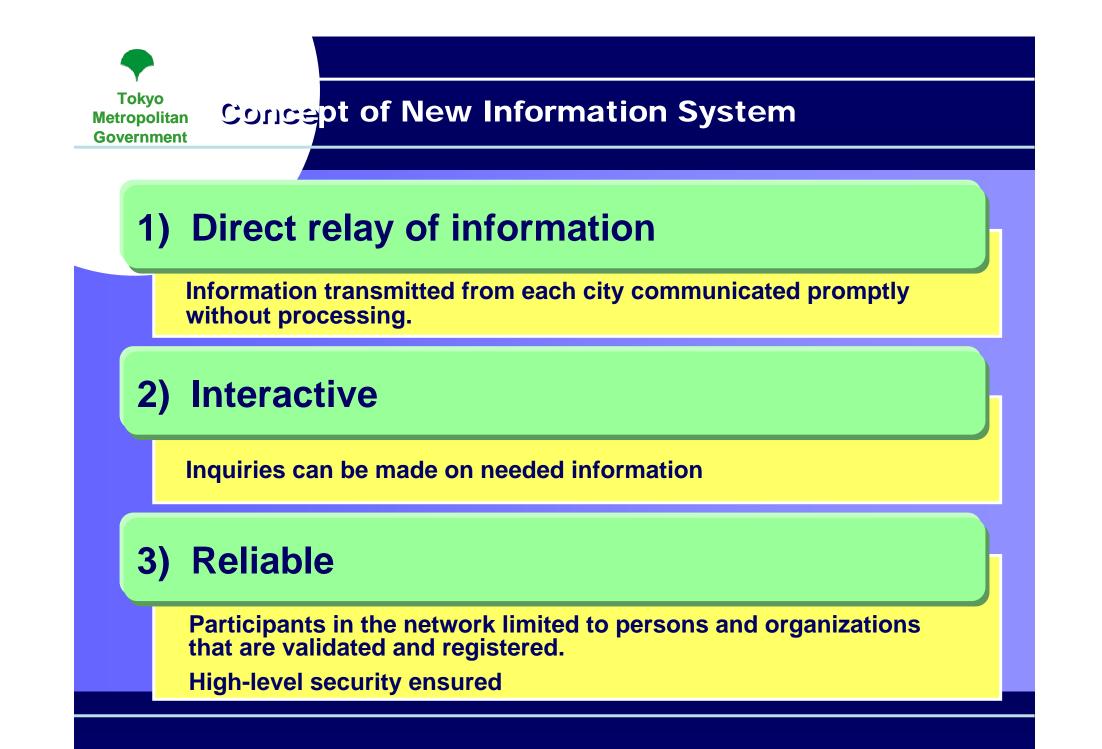
- 2) One-way communication
- 3) Standardized information

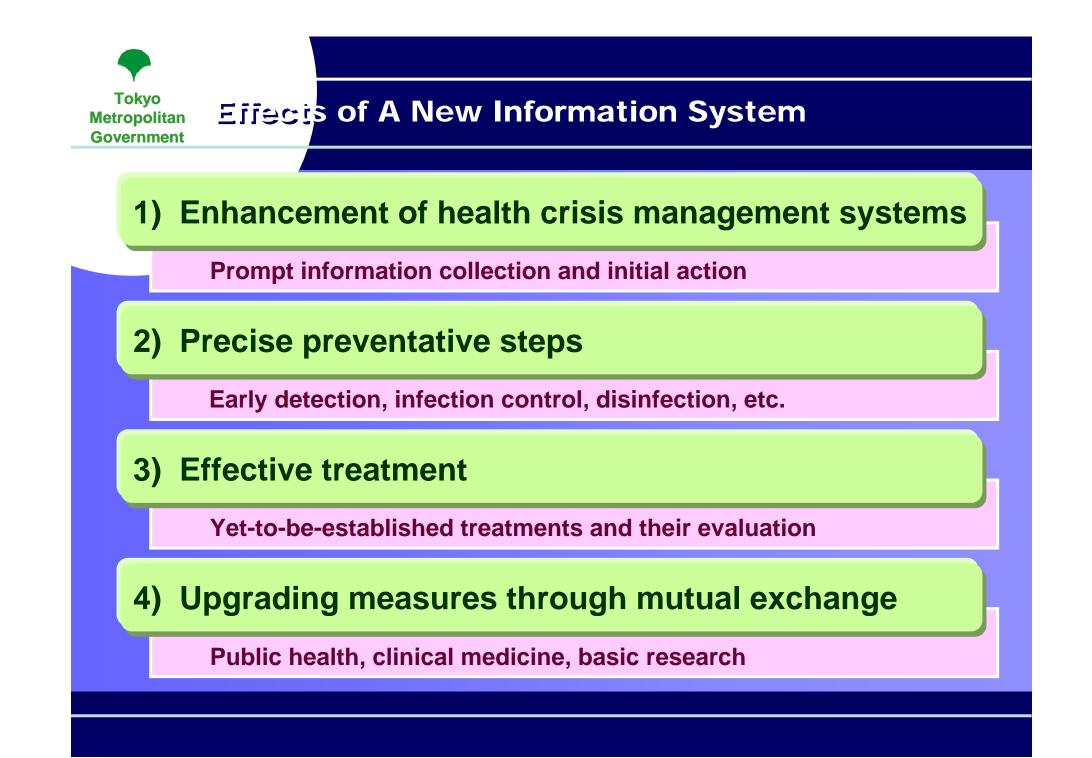
**Examples of lost information:** 

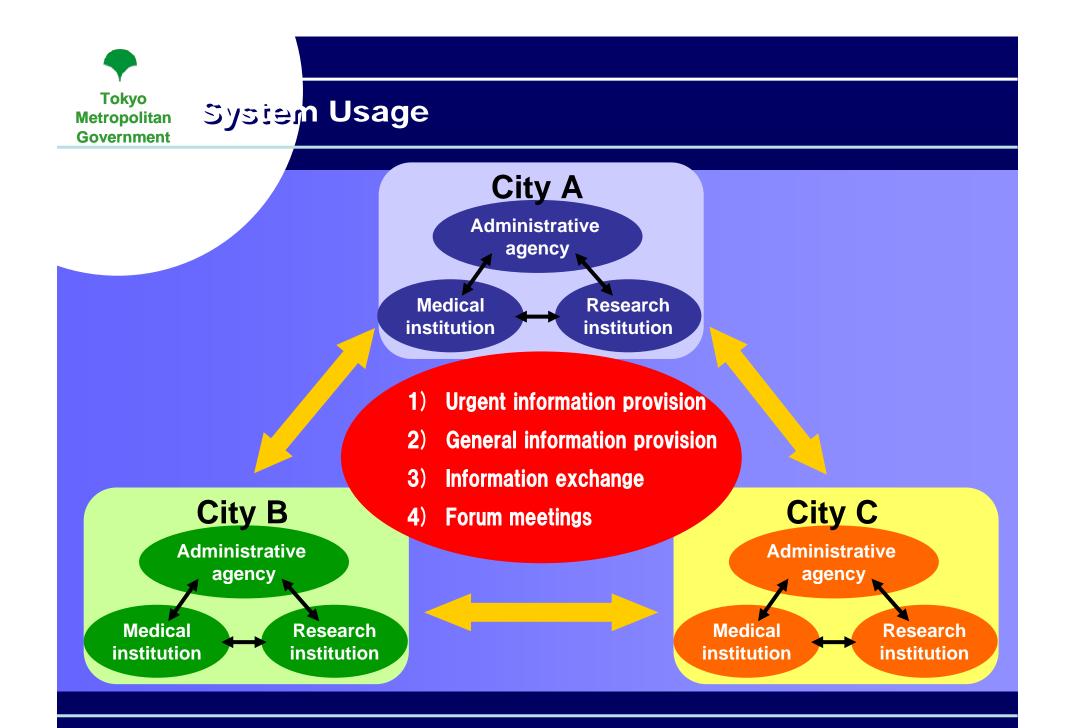
- Detailed symptoms for each patient
- Epidemiological conditions of group infections
- Accuracy and limits of inspection
- Specific treatment method and evaluation
- Prevent prompt and effective steps at healthcare facilities
- May seriously impact city functions

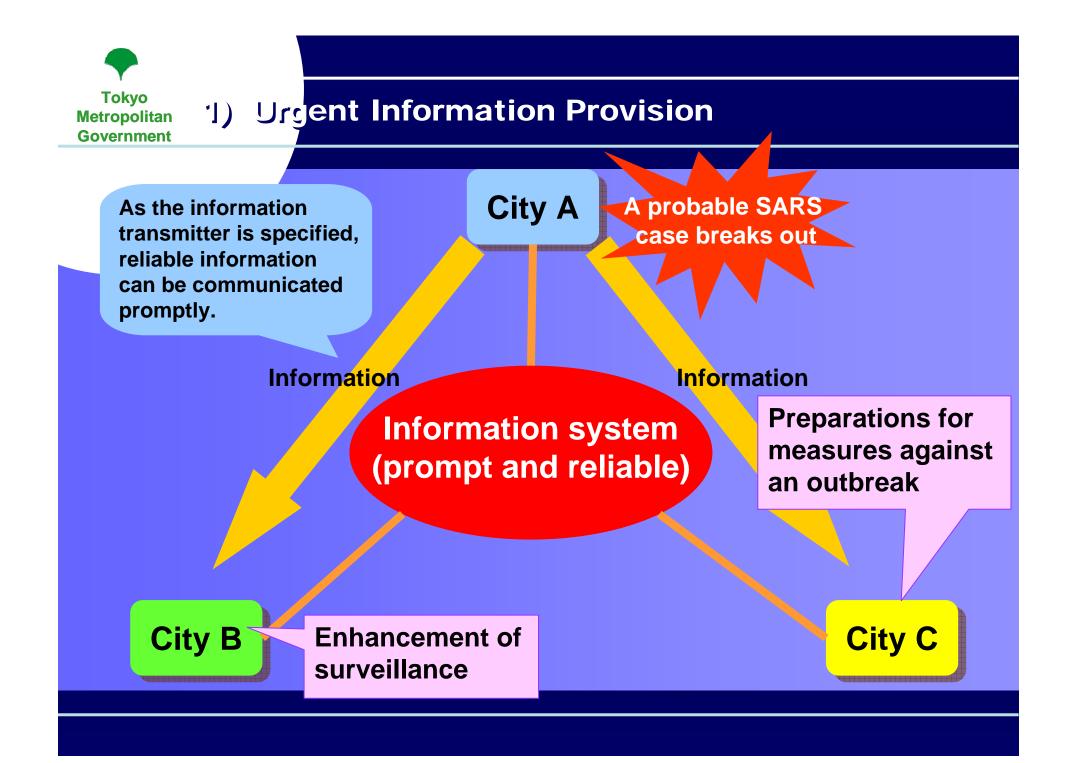
Need for a new infectious disease information network to directly link major Asian cities

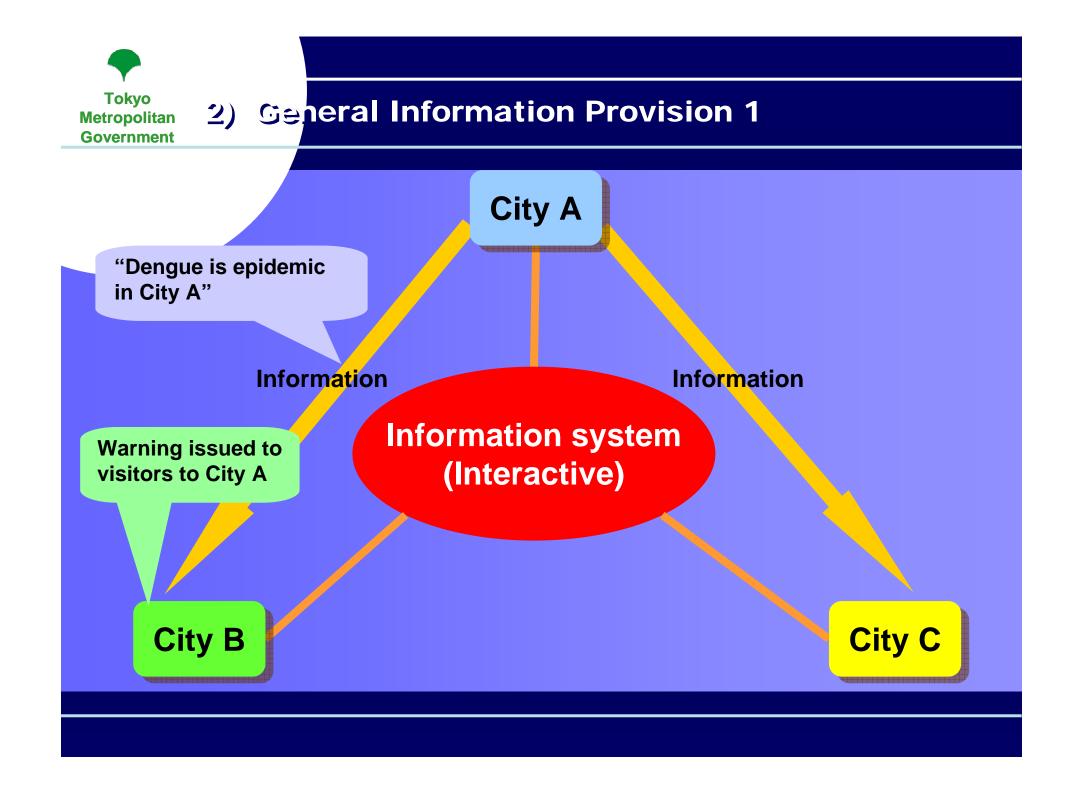


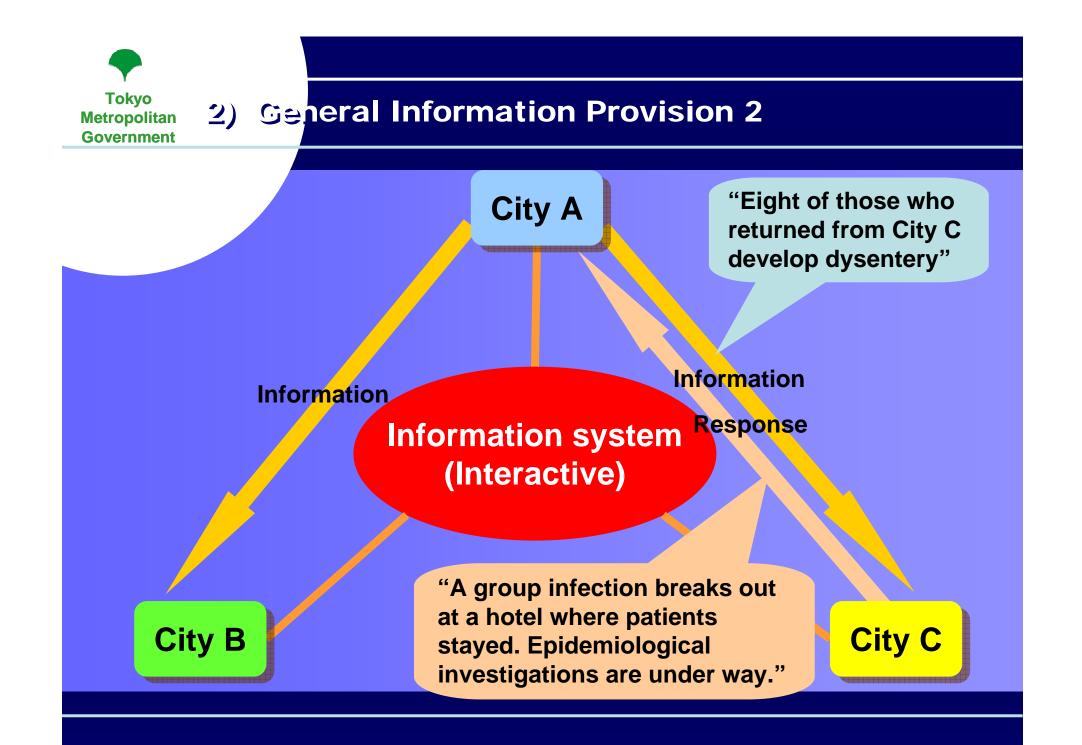


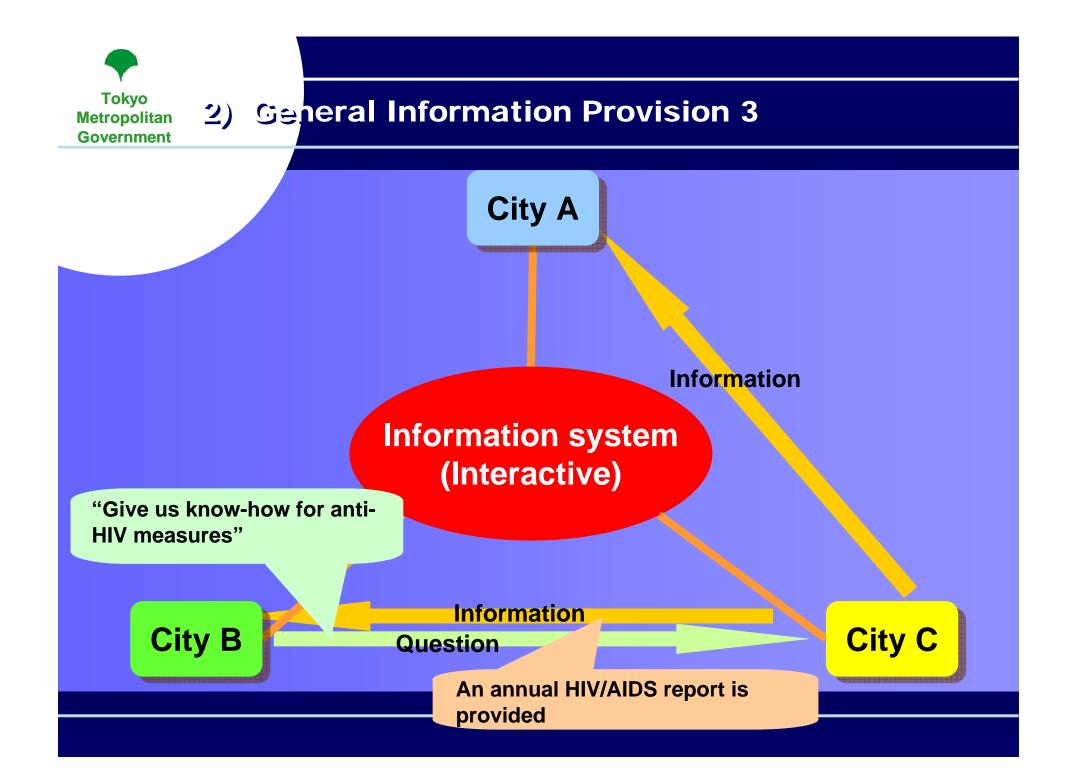


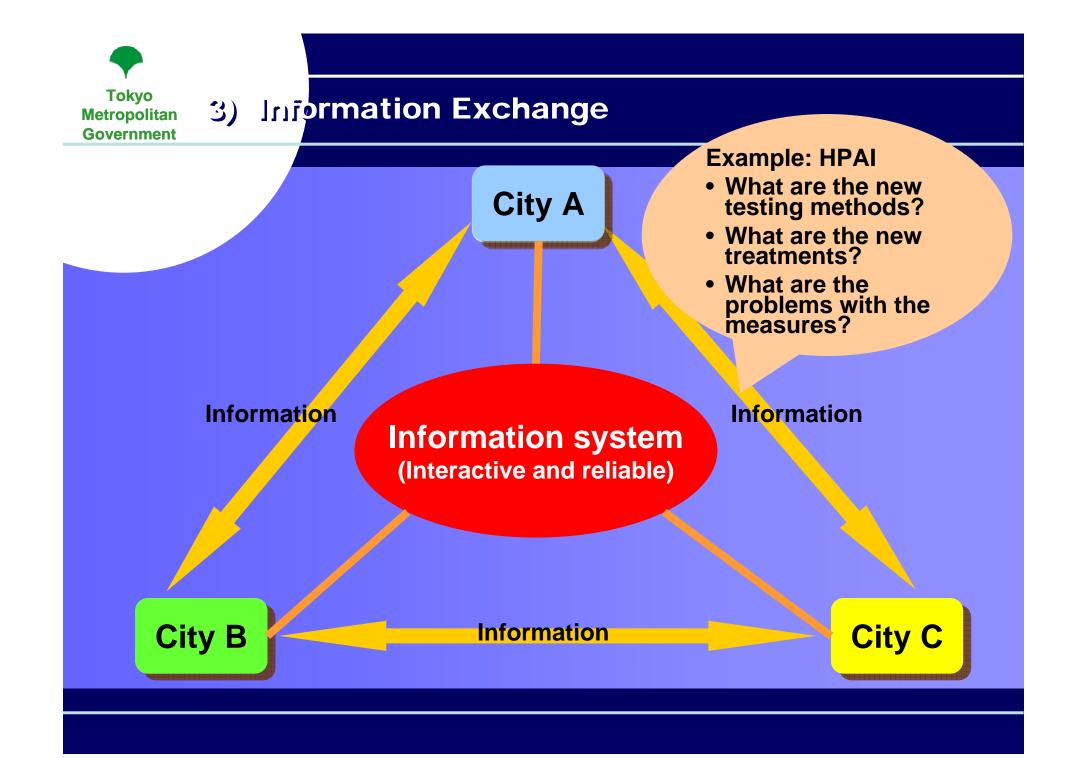


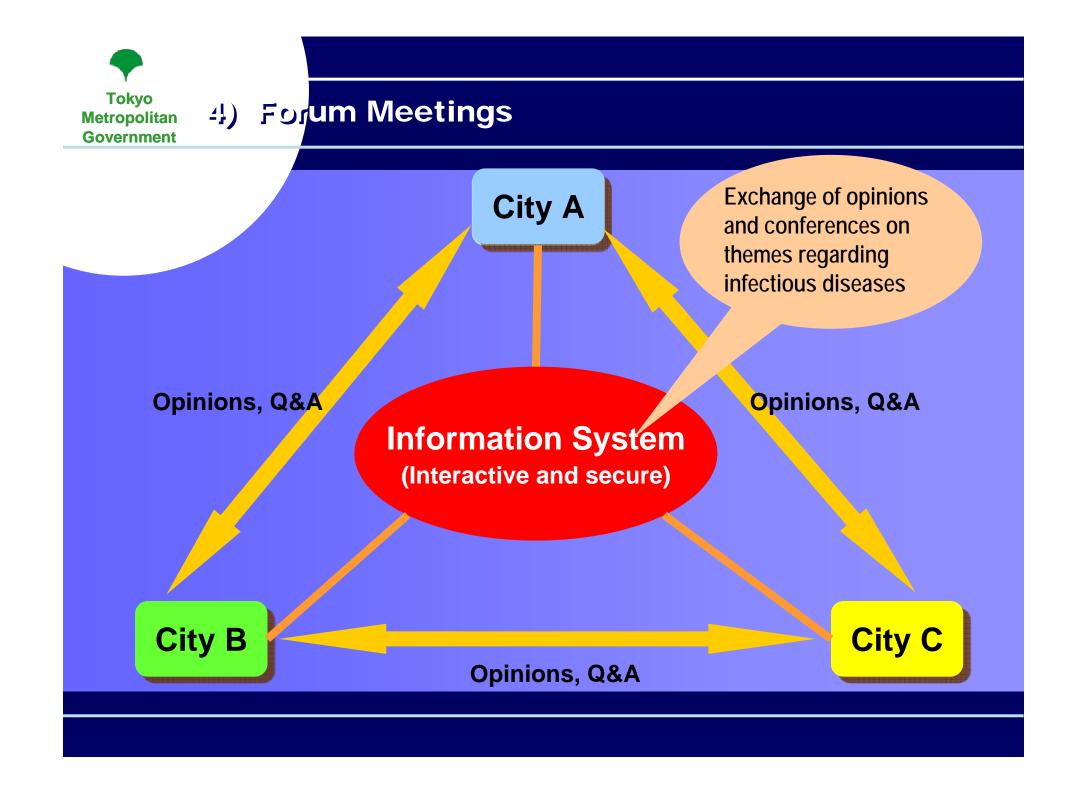














### **Tokyo Metropolitan Government's proposal**

(Background)

Emergent infectious diseases spreading across borders (Problem)

Need for direct link between major Asian cities

(Proposal)

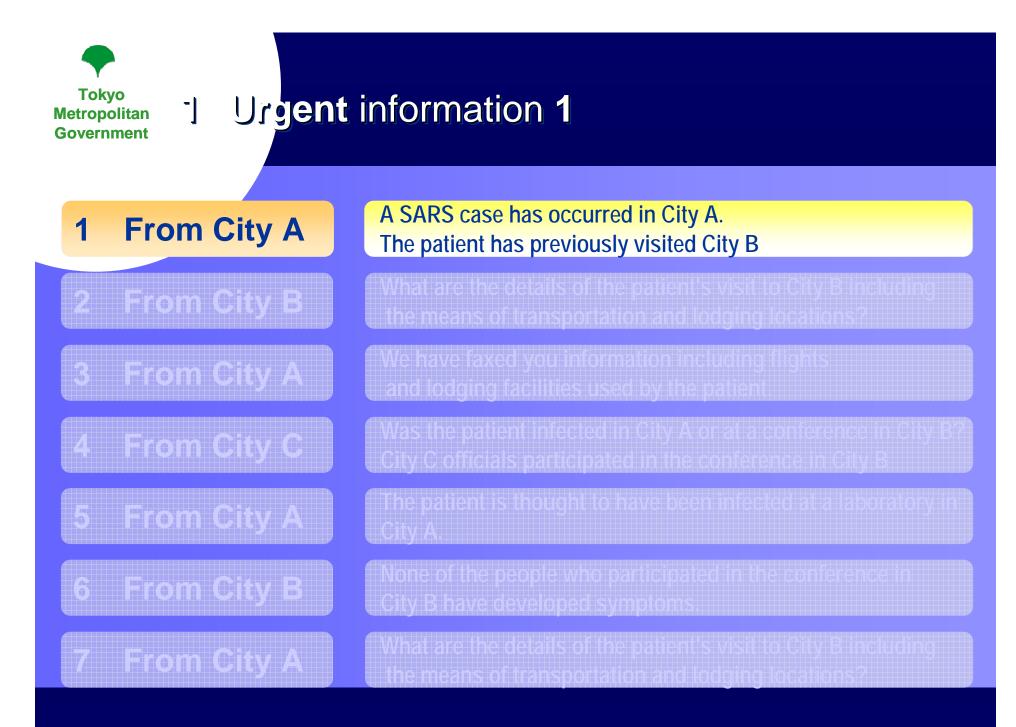
**Construction of a new Internet information system** Concept: Direct communication of information, interactive, reliable

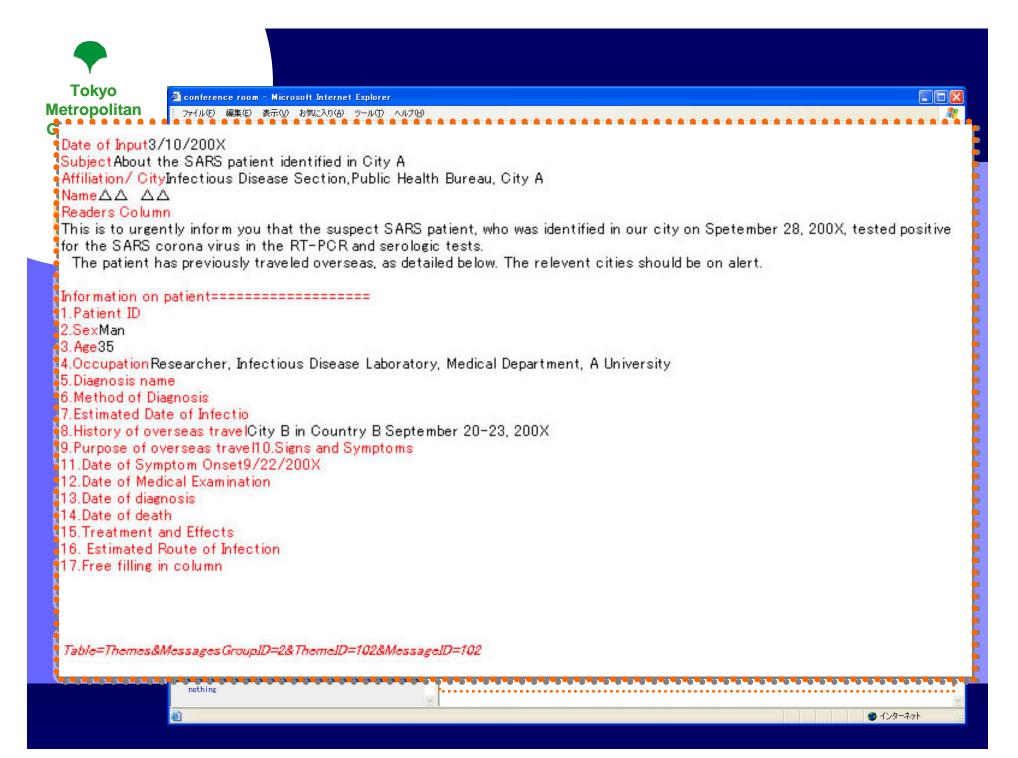
(Usage)

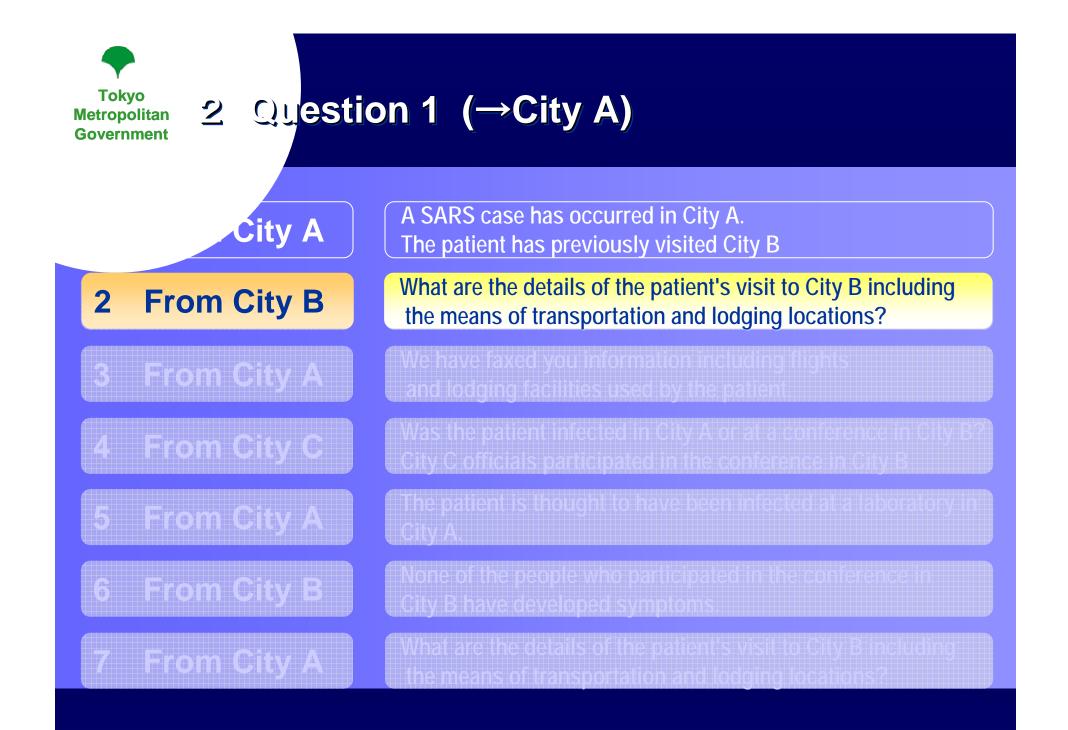
Urgent information, general information, information exchange, forum meetings



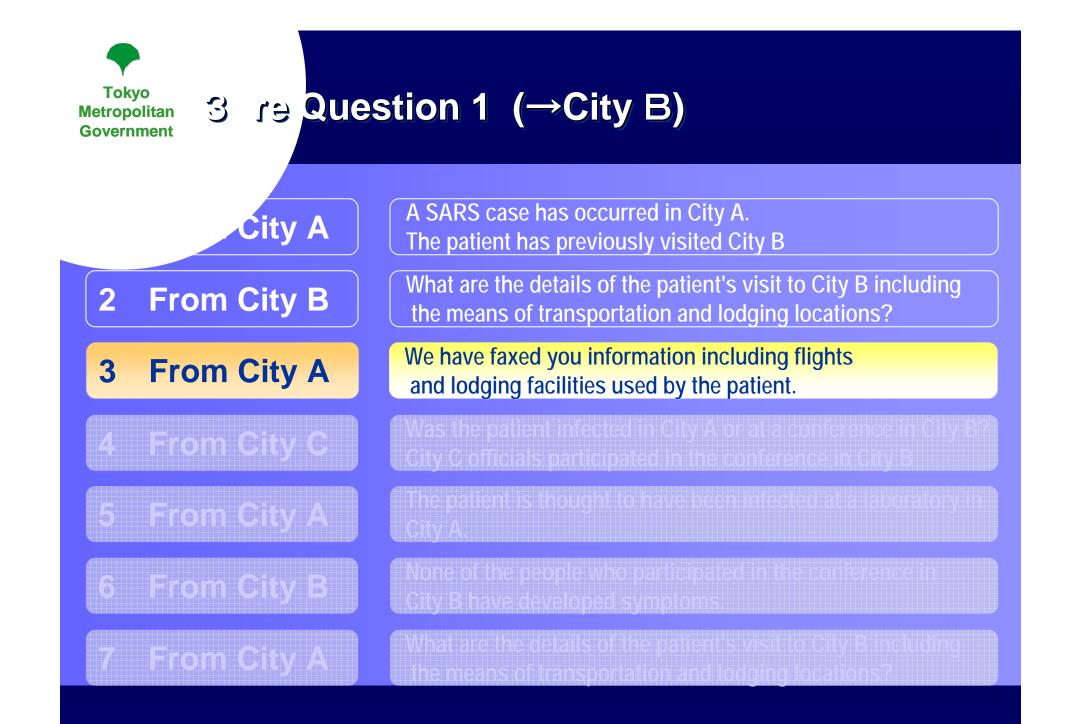
# example scenario 1

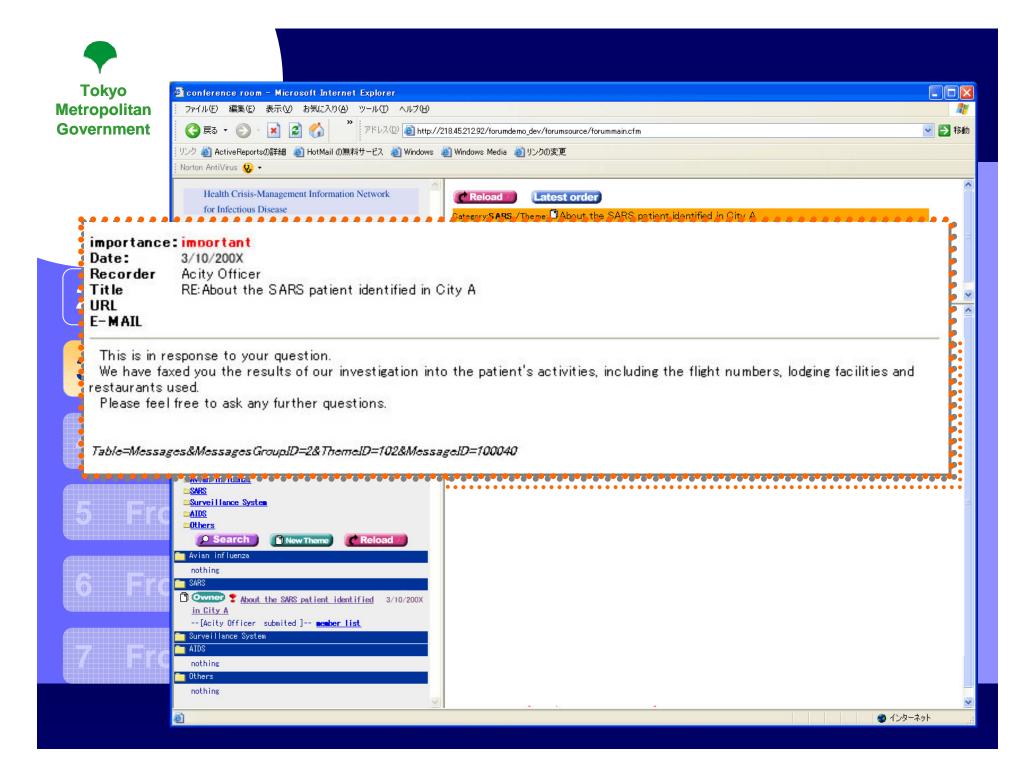


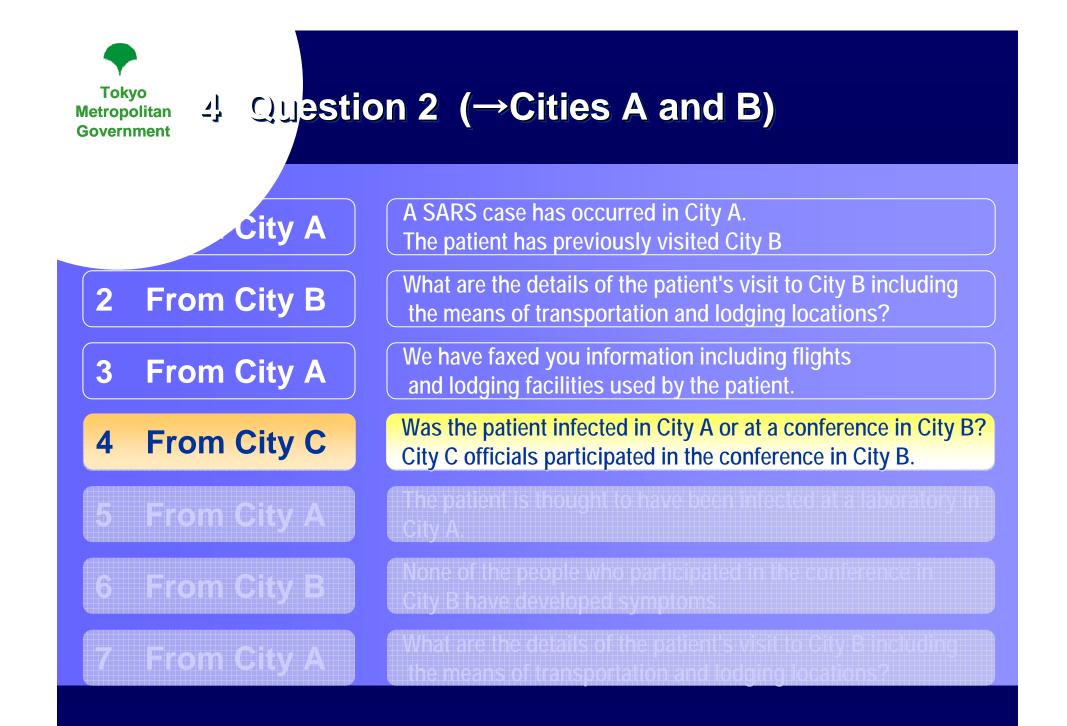




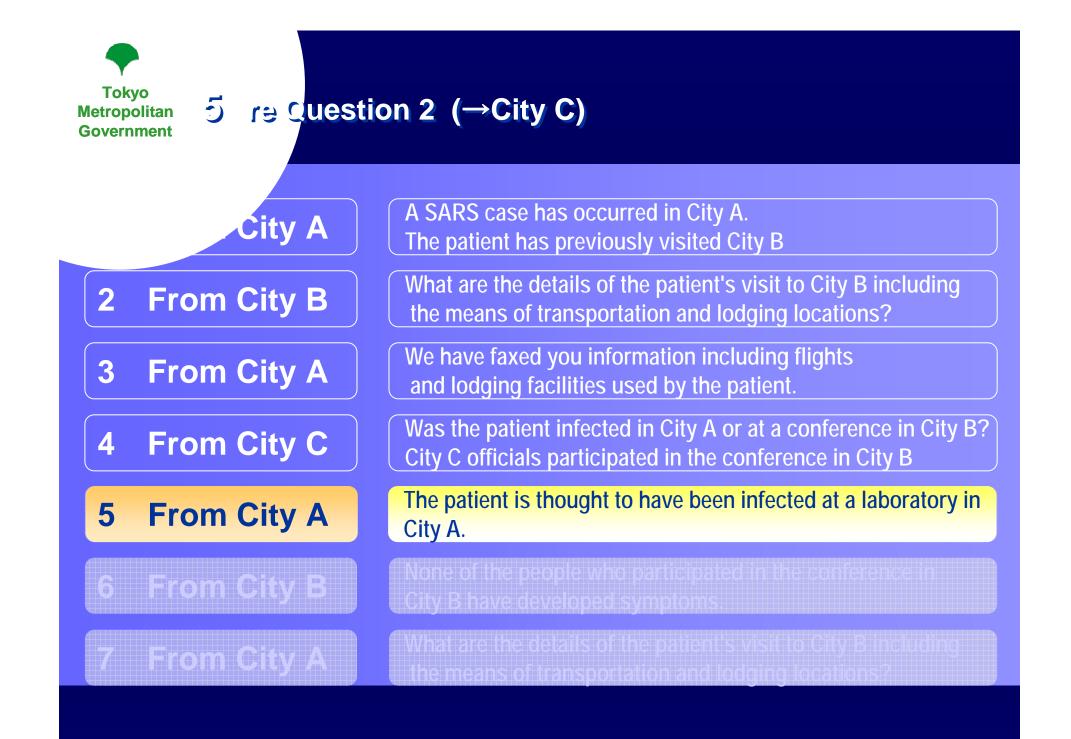
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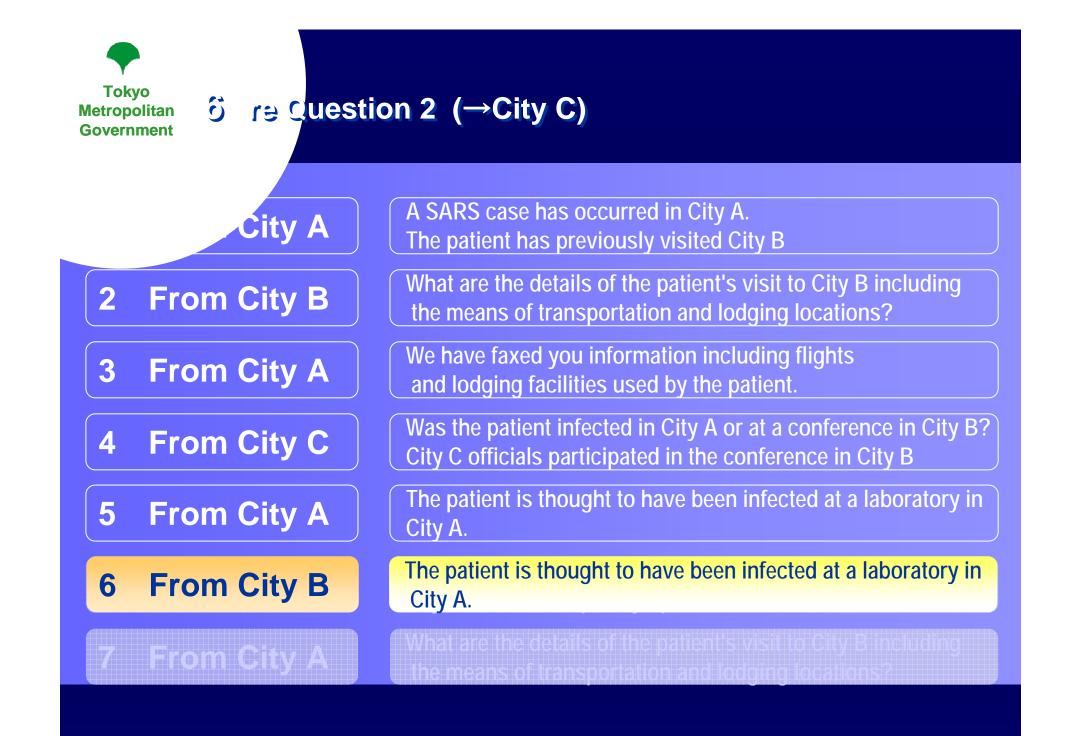


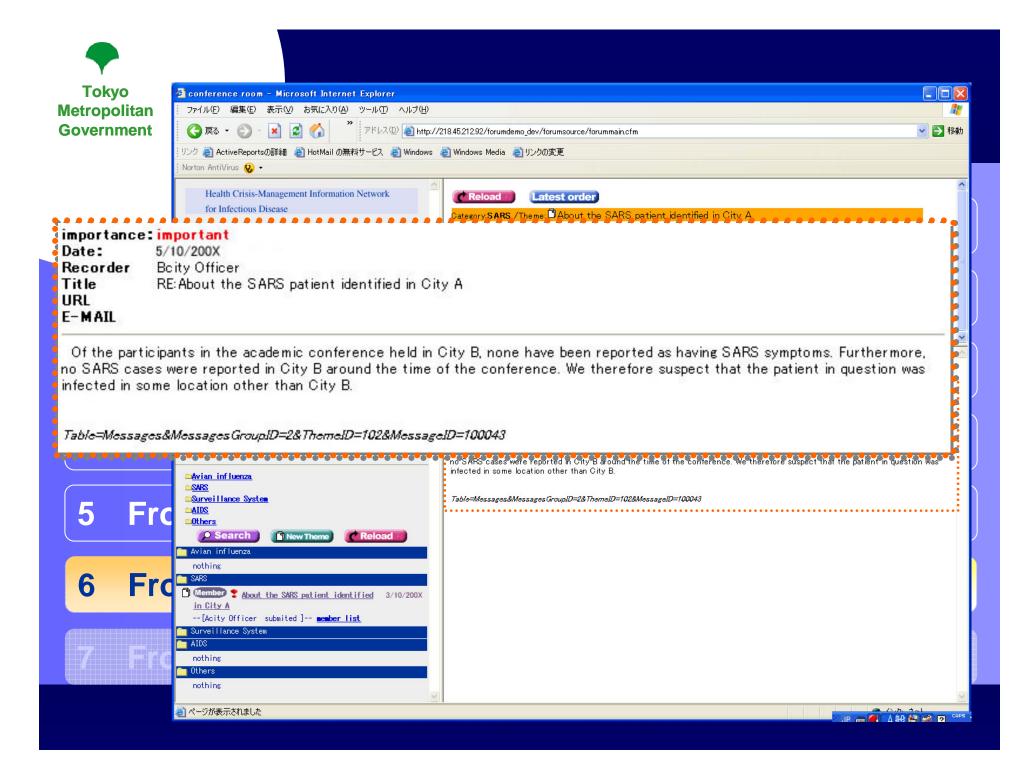


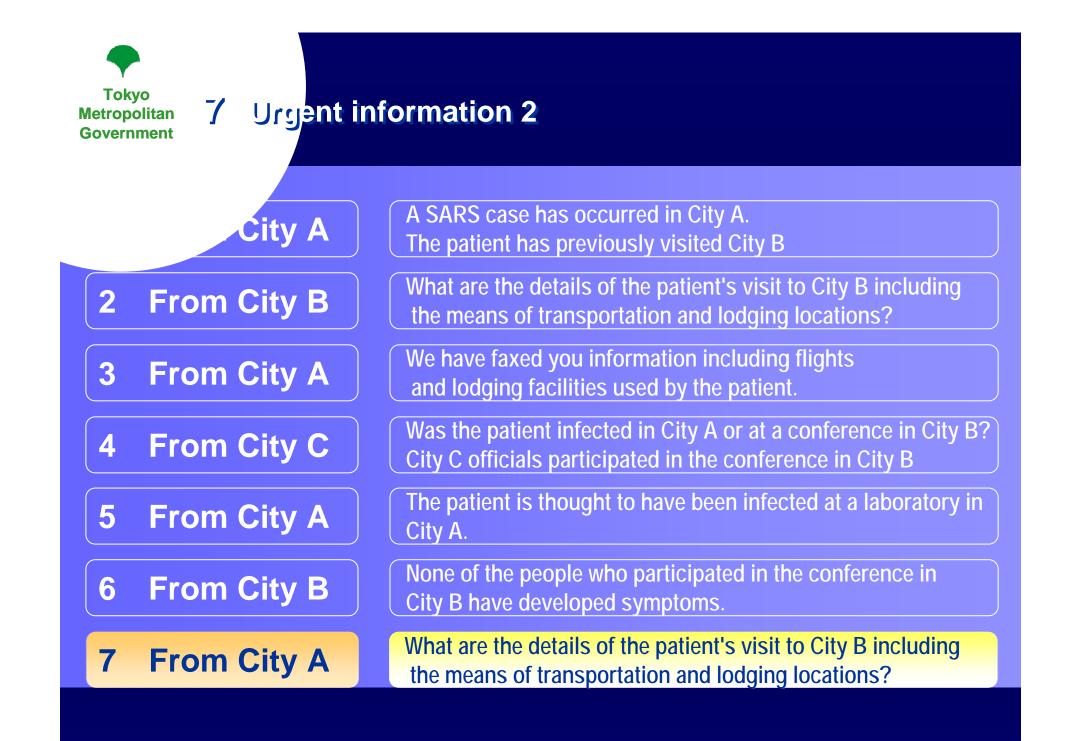
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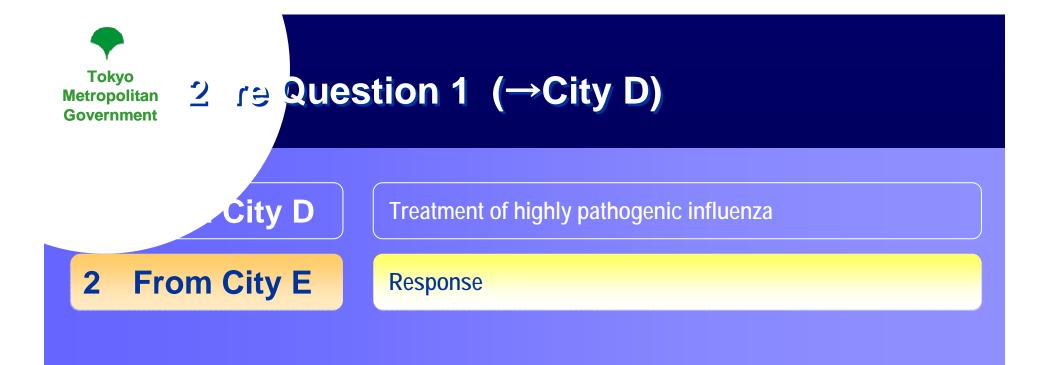


# example scenario 2



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## Thank You Very Much