



Lessons Learned and Best Practices from the Pandemic

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**Integrated Support Center for Nuclear Non-Proliferation and Nuclear Security
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Masato Hori

Sequence of Events in JAEA under COVID-19 Pandemic

January 16, 2020 1st COVID-19 case in Japan

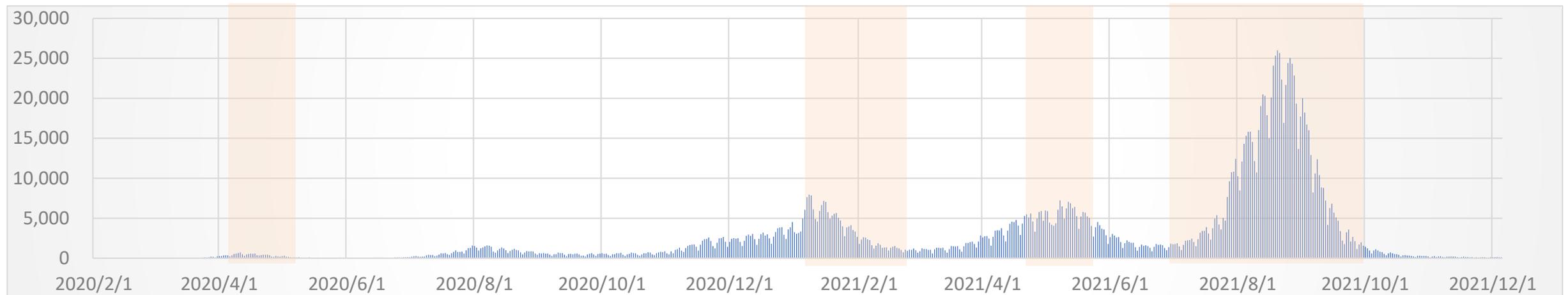
February 28, 2020 COVID-19 Response Headquarter was established in JAEA

Several actions were taken based on the Pandemic Influenza Preparedness Action Plan

April 7 - May 6, 2020 1st State of Emergency

July 19, 2020 1st COVID-19 case in JAEA

January 7 – March 1, April 25 – May 31, July 12 – September 31, 2021
2nd , 3rd and 4th State of Emergency



Number of COVID-19 new cases in Japan (情報:NHKまとめ) and State of Emergency in Japan

Pandemic Influenza Preparedness Action Plan

- Along with the “Act on Special Measures against New Influenza, etc.” (enforced in 2013 to use 2002 SARS Pandemic and 2009 H1N1 pandemic experiences for future pandemic), the Pandemic Influenza Preparedness Action Plan was established
- Several actions were taken such as;
 - establishment of headquarters
 - emergency contact setup
 - information collection and sharing
 - preparation of Business Continuity Plan (BCP)

Business Continuity Plan (BCP)

- BCP differentiates activities into 5 categories and prioritize activities
- Develop manpower planning for 3 different stages

Category	1st stage outbreak in abroad	2nd stage outbreak in Japan	3rd stage pandemic in Japan
Essential	Safety, Security, Safeguards activities		
High priority			
Priority			
Support			
Other			

3rd stage assume max 40% of staff infected or in close contacted with a patient

ISCN's Actions

- ISCN has no “essential” category activity
- Operation of CTBT radionuclide monitoring station and national data center for nuclear test monitoring categorized as “high priority”.
 - CTBT team divided into two groups and work separately
- Developed online training with e-learning, exercises using virtual tours, etc.

Lessons Learned and Best Practices from the Pandemic

1. Improve preparedness
 - Law, action plan, maintain stock
2. Adjust to new workstyle
3. Innovative concepts and technologies to maintain effectiveness and efficiency of security and safeguards nuclear facility