

BRIEFING SESSION BY THE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY (MITI), BANK NEGARA MALAYSIA (BNM), AND THE MINISTRY OF HEALTH (MOH) TO CHAMBERS, ASSOCIATIONS, AND COMPANIES ON THE HOTSPOT IDENTIFICATION FOR DYNAMIC ENGAGEMENT (HIDE) SYSTEM

DATE: Tuesday, 17 August 2021

TIME: 14:30 hrs

SUMMARY:

MITI hosted a joint engagement session together with BNM and MOH to facilitate the understanding of, and awareness on the implementation of HIDE.

MATTERS DISCUSSED:

- **HIDE is a Big Data analysis and AI system that predicts the potential of a premise becoming a COVID – 19 hotspot in a seven (7) day moving average. The system leverages MySejahtera app check – ins, COVID – 19 test data, and other existing healthcare databases to make these predictions.**
- **HIDE aims to facilitate self – regulation by businesses and individuals, as well as targeted actions by enforcement agencies to prevent the formation of clusters.**
- **Premises are recommended to take non – disruptive, pre – emptive, interventions aimed at preventing hotspot formation.**

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- A representative from BNM explained the main function of HIDE and that its implementation is as an early warning system to facilitate pre – emptive interventions by identifying potential COVID – 19 transmission hotspots.
 - When a potential COVID – 19 hotspot is identified, HIDE will send out warnings to the premise owners so that they can take preventative measures to reduce the development of a cluster.
 - These are the steps the system undergoes before a premise is listed and a warning is sent:
 - COVID POSITIVE CHECK IN AT PREMISE (Any of the following scenarios)
 - A COVID positive individual checks in at the location;
 - An individual takes a COVID – 19 test, checks in, then returns a positive test by the end of the day;
 - An individual checks in, takes a COVID – 19 test, then returns a positive test by the end of the day.
 - BACKWARD AND FORWARD TRACING & MACHINE LEARNING (Location specific tracing window)
 - Forward tracing may reveal contacts of known COVID positive cases;

- Backward tracing may reveal who might have infected the known cases, and others.
- IDENTIFY CONTACTS
 - Individuals who might have been exposed to COVID – 19 based on MySejahtera check – ins.
- FLAG POTENTIAL HOTSPOTS
 - Small Hotspots (Below 50 transmissions);
 - Large Hotspots (50 transmissions and above).
- It is recommended that intervention for HIDE identified potential hotspots be targeted, pre – emptive, and non – disruptive.
 - PREMISE OWNERS ARE TO BEGIN SELF – REGULATORY MEASURES IMMEDIATELY;
 - Carry out tests on workers (RTK – Ag or RT – PCR) at intervals;
 - Enhance gatekeeping by:
 - Denying individuals with ‘High Risk’ status (including those who have tested positive) from entering their premise;
 - Denying individuals who have taken COVID – 19 tests from entering their premise until a negative result is returned
 - Improve crowd control measures, especially in areas with tight spaces or prone to over – crowding.
 - Improving ventilation is key.
 - VISITORS TO ENGAGE IN SELF – REGULATION AND DISTANCING;
 - Advised to practice self – distancing and get tested if symptomatic within a 14 day period.
 - DISTRICT HEALTH DEPARTMENTS TO FOLLOW UP WITH RISK ASSESSMENT;
 - Assess the risk of an outbreak;
 - Assess the adequacy of self – regulatory measures;
 - Assess the need to implement additional measures beyond existing SOPs (including testing).
 - OTHER ENFORCEMENT AGENCIES TO ENSURE COMPLIANCE AND IMPLEMENT ADDITIONAL MEASURES.

- Ensure compliance to SOPs and implement tighter interventions if warranted, such as stricter occupancy limits, reduction of in – person presence, and more extensive testing on workers and patrons.
- MOH listed the criteria for the statuses that appear on MySejahtera:
 - SUSPECTED CASE: Travelled to ANY country outside Malaysia within 14 days before the onset of illness AND/ OR exhibiting ANY mild or severe symptoms;
 - Advised to remain at home for quarantine and to perform daily Home Assessment Tool (HAT) twice daily (2x)
 - CLOSE CONTACT: Had close contact to a confirmed case of COVID– 19 within 14 days before onset of illness;
 - Advised to remain at home for quarantine and to perform daily Home Assessment Tool (HAT) twice daily (2x)
 - CONFIRMED CASE (CAT 1): Asymptomatic/ newly converted cases;
 - Advised to remain at home for quarantine and to perform daily Home Assessment Tool (HAT) twice daily (2x)
 - CONFIRMED CASE (CAT 2A): Mild symptoms;
 - Advised to remain at home for quarantine and to perform daily Home Assessment Tool (HAT) twice daily (2x)
 - If symptoms worsen, call 999 or go to the nearest health facility/ COVID Assessment Centre (CAC)
 - CONFIRMED CASE (WARNING!): More severe symptoms;
 - Advised to remain at home for quarantine and to perform daily Home Assessment Tool (HAT) twice daily (2x)
 - If symptoms worsen, call 999 or go to the nearest health facility/ COVID Assessment Centre (CAC)
- MOH also explained that once an individual’s status converts to a ‘CONFIRMED CASE’ in MySejahtera, a Home Surveillance Order (HSO) will appear in their profile, which will remain from the start of the HSO and will only be marked as completed on day ten (10).

The individual’s status will convert to ‘LOW RISK’ on day ten (10) and the completed HSO certificate will remain for an additional seven (7) days.


CPRC KEBANGSAAN
KEMENTERIAN KESIHATAN MALAYSIA

PERHATIAN!
Kepada kes COVID-19,


Ministry of Health (Malaysia)
Home Surveillance Order
Under Section 13(1) Prevention and Control of Infectious Disease Act 1988 (Act 342)

Location
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Name MYSJ ID

Time stamp IC / Passport No
July 22 7:45:18 PM

Address
KI

22-Jul-2021 to 31-Jul-2021


Ministry of Health (Malaysia)
Home Surveillance Order
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Anda diwajibkan untuk kuarantin apabila mendapat Perintah Pengawasan dan Pemerhatian (*Home Surveillance Order*) melalui aplikasi MySejahtera. Kegagalan anda untuk mematuhi Perintah ini merupakan satu kesalahan di bawah Seksyen 11(5) Akta 342 dan sekiranya disabitkan dengan kesalahan boleh dikenakan hukuman di bawah Seksyen 24 Akta 342.

Pelepasan Perintah Pengawasan dan Pemerhatian (*Release Order*) akan diberikan kepada anda selepas tamat tempoh kuarantin melalui aplikasi MySejahtera juga.

PATUHI ARAHAN KUARANTIN
KEPATUHAN ANDA BOLEH MENYELAMATKAN NYAWA

Photo Credit: MOH

- MITI will provide FAQs based on the matters discussed during this briefing.