



**World Health
Organization**



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**SAFE HOSPITAL
DURING COVID-19 EMERGENCY**

Content

- Strategic actions implemented by Mexican Social Security Institute (IMSS) during COVID-19 emergency
- Impact of Safe Hospital Program on COVID-19 Pandemic Response

Safe Hospital definition

A safe hospital is a facility whose **services remain accessible** and **functioning at maximum capacity** and **within the same infrastructure** immediately following a natural disaster



Safe Hospital Principles



To Protect the life of patients, visitors, and hospital staff

The building must be capable is able to stand upright and resist with minimal damage



To protect the performance of the health facility.

The health facility is able to maintain or improve its medical attention as part of the health services network



To protect the economic investment in equipment and furnishings

Health facilities equipment are capable of suffer minimal damage and remain operational

Strategic actions implemented by IMSS during COVID-19 emergency

Acquisition and rehabilitation of medical equipment for cardiac monitoring and mechanical ventilation

Additional hiring of staff

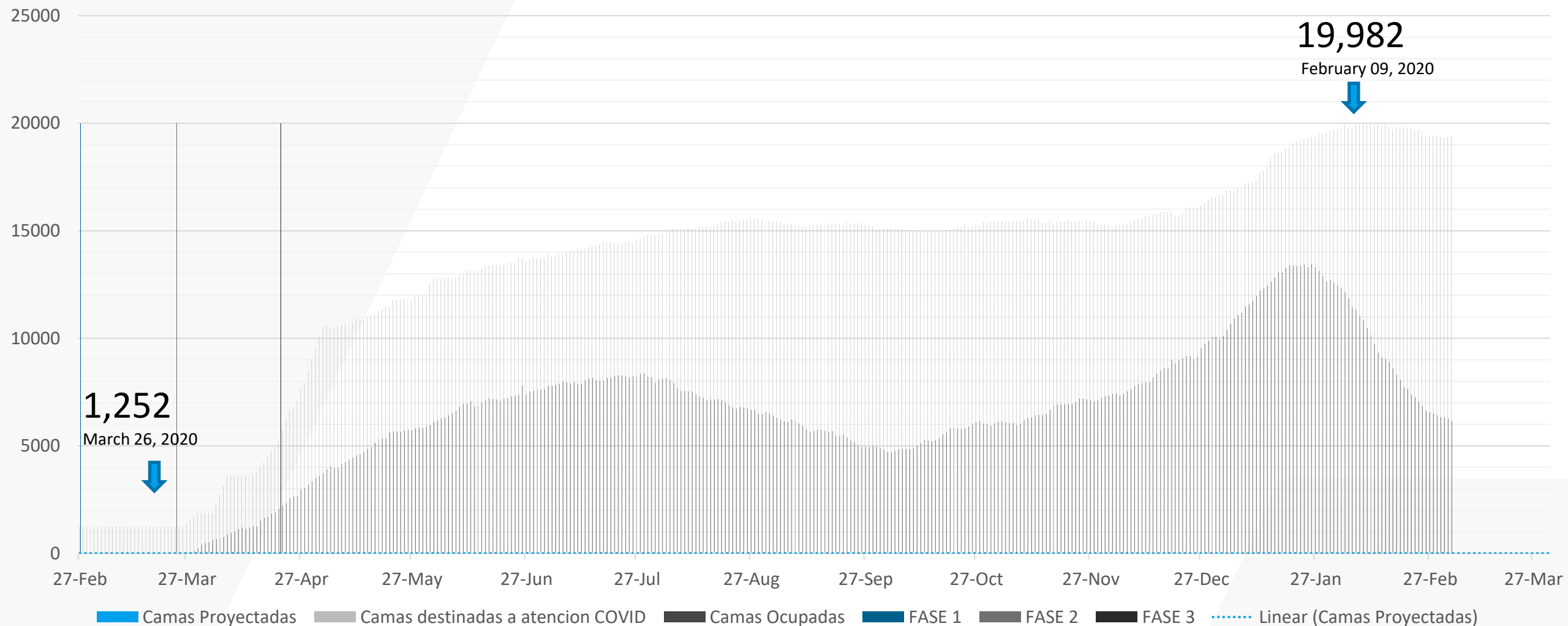
Hospital conversion (capacity increase)

- Internal hospital expansion (hybrids hospitals) (194)
- Early opening of new hospitals (5)
- Hospital extension (hospital attached) (18)
- Temporal Care Centers (9)
- Construction of new hospitals (3)



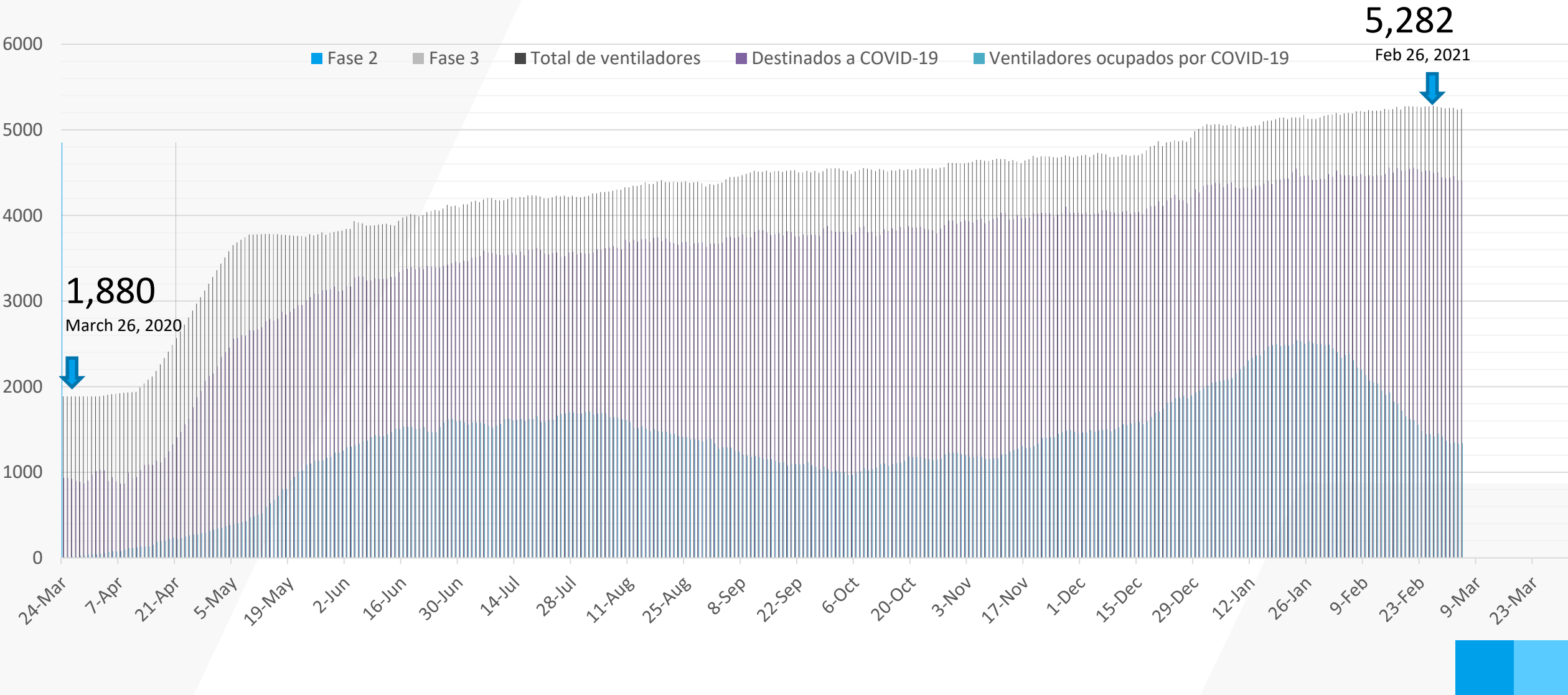
Bed increase in IMSS for COVID-19 care

From march 2020 to march 2021



Mechanical ventilators increase for COVID-19 care

From march 2020 to march 2021



Impact of Safe Hospital Program on COVID-19 Pandemic Response

Based on **Non-Structural and Functional Safety components of the Hospital Safety Index (HSI)**, measures were implemented to ensure Infection Prevention and Control (IPC) in long-term care facilities to protect health workers and patients from COVID-19:

- 1. Expansion areas**
- 2. Analysis and identification of isolation areas**
- 3. Non-structural safety**
 - Critical networks (the water system, power, communications)
 - Ventilation, and air conditioning (HVAC) systems
 - Architectural modifications
- 4. Protocols and procedures**
 - Evacuation routes
 - Fire protection system
 - Controlled access
 - Information by telepresence

Video: Enabling expansion areas in consulting room zones



COVID-19 Risk management through HSI-2

Strengthening resilience



Health facilities enabling expansion

Ensure the availability of essential resources for the disaster response, by remain its services functioning within the same infrastructure, and increasing its capacity of response against any hazard.

Example. Mexico: COVID19 vs SISMO 6,8





Gaps

When it is necessary **to renew the hospital infrastructure** (Rebuild better)

Response capacity is exceeded on everyday way (**expand their medical capacity**)

We need a new **Multihazard Disaster Risk Management Model**

Facilities are not accesible for People with Disabilities, (inclusion)

Safe Hospital, Resilient and Inclusive, a new model



Health facilities with the capacity to resist, assimilate, adapt, while maintaining critical functions and recover from any kind of adverse events, restoring their structures and functions through risk management.



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Safe Hospitals for Resilient
Health Systems in the Americas

Muchas Gracias

