

# Policy responses to Occupational Heat Stress at IMSS

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# Mexican Social Security Institute in numbers



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**19.9 million** insured workers

More than 57 million beneficiaries from the mandatory scheme + 12.3 million from IMSS-Bienestar

**468 thousand** employees

## INFRAESTRUCTURE

Ordinary scheme:  
**1,786 Units**

IMSS-Bienestar:  
**3,702 Units**



Primary Care Unit  **1,254 Clinics**

**3,622 Rural Clinics**



General Hospitals  **284 Hospitals**

**80 Rural Hospitals**



Tertiary referral  **38 Hospitals**

**Total** **5,278 medical units**

**1,416** daycare centers

**59** convenience stores

**18** funeral homes

**1,294** pharmacies

**38** theaters

**4** resorts

**12** sports centers



Spends approximately **2 billion pesos** a day

2020 budget= 825 billion pesos

## Everyday at IMSS



**418,283** consultations



**923** births



**2,816** surgeries



**43,670** emergencies



**252,500** Children in daycare



Payment to **3.9 million** pensioners

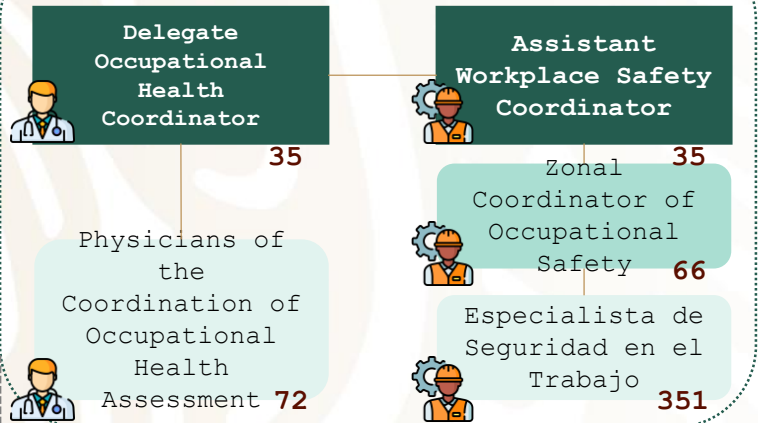


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# OHS Structure in IMSS regional offices

## Occupational Health and Safety Operational Prevention Services

### Organizational structure



### Intervention and consulting services for affiliated companies

+ 47 thousands consulting services

+ 1 thousand intervened companies  
Evaluation of physical and chemical agents

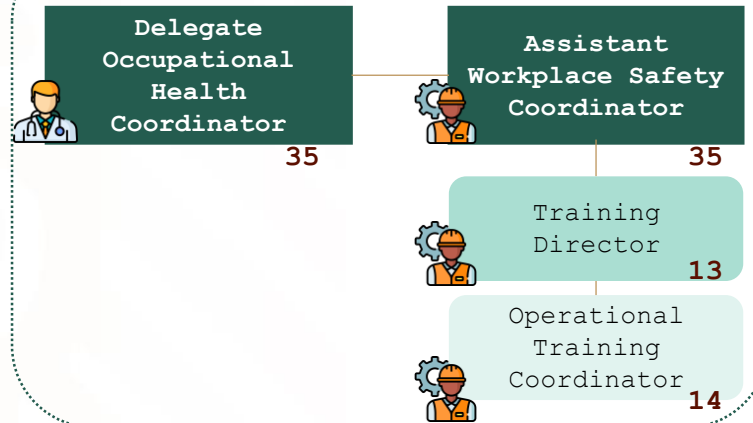
+ 11 thousands industrial hygiene evaluations

### Occupational safety and health training for workers

+ 40 thousands trained workers

## Centros Regionales de Seguridad y Salud en el Trabajo, Capacitación y Productividad

### Organizational structure

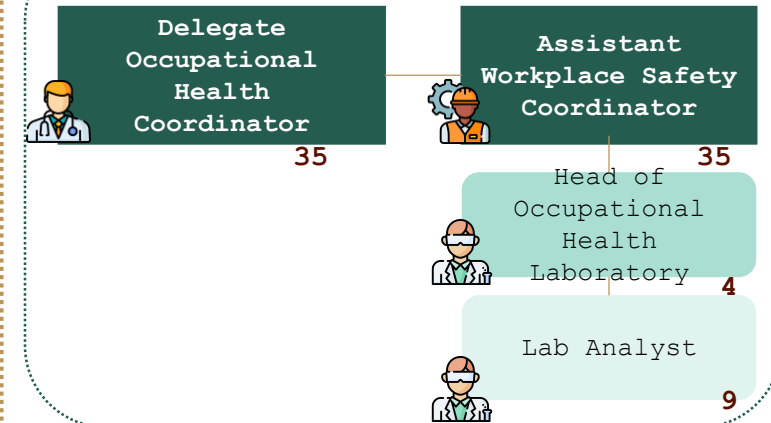


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## Laboratorios de Salud en el Trabajo y Ambiental

### Organizational structure





# Policy responses to Occupational Heat Stress at IMSS



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## Formation of interdisciplinary working groups

- Classically, the prevention of occupational hazards was performed only by safety engineers.
- We incorporate physicians specialized in occupational and environmental medicine to form interdisciplinary groups, from the normative to the operative level

## Design of a national environmental toxicological surveillance program

- Presented and approved by the tripartite council of the IMSS, focused on the prevention of occupational diseases due to contaminants in the work environment, including heat stress

## Epidemiological surveillance systems for occupational diseases

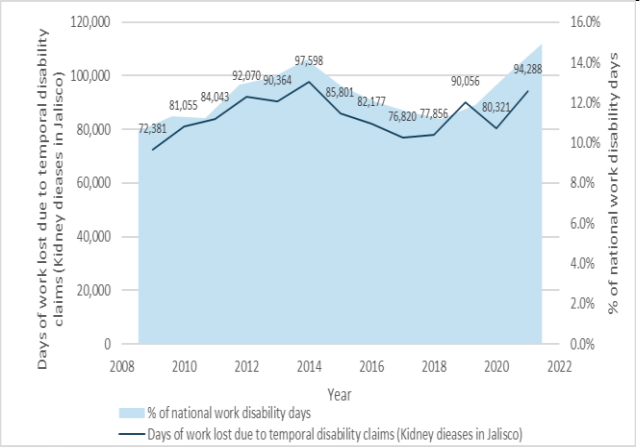
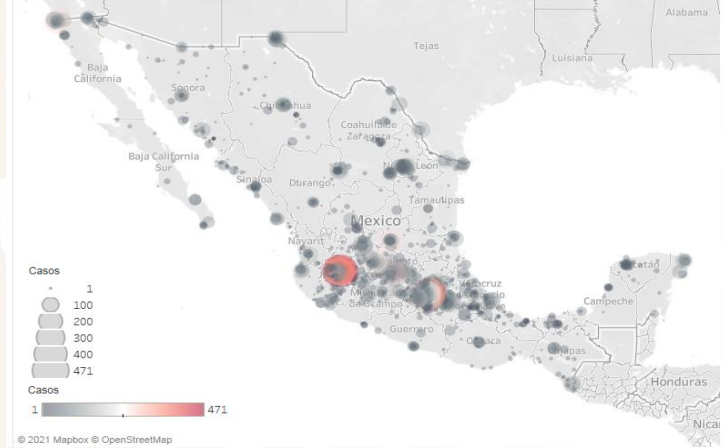
- Currently, a research protocol focused on identifying associations between environmental temperature and work accidents has been approved,
- We will compare the incidence in regions with different ambient temperatures using temporal disability

## Field Research on Agriculture companies

- Research protocol on the risk factors of heat stress and its negative effects on health in companies with more than 1,000 workers each.
- The focus is on greenhouse workers.
- In the second phase, strategies to prevent such effects will be sought.

## Pilot unit with focus on intervention companies with heat stress

- Creation of a pilot unit for the prevention of occupational diseases that will focus on heat stress prevention
- with field equipment to detect variables related to thermal stress such as urine test, serum electrolytes, temperature and relative humidity,



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Thanks for your attention



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