

30th International Congress on Occupational Health
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The Role of Social Security in the Prevention of Risk in Latin America and the Caribbean

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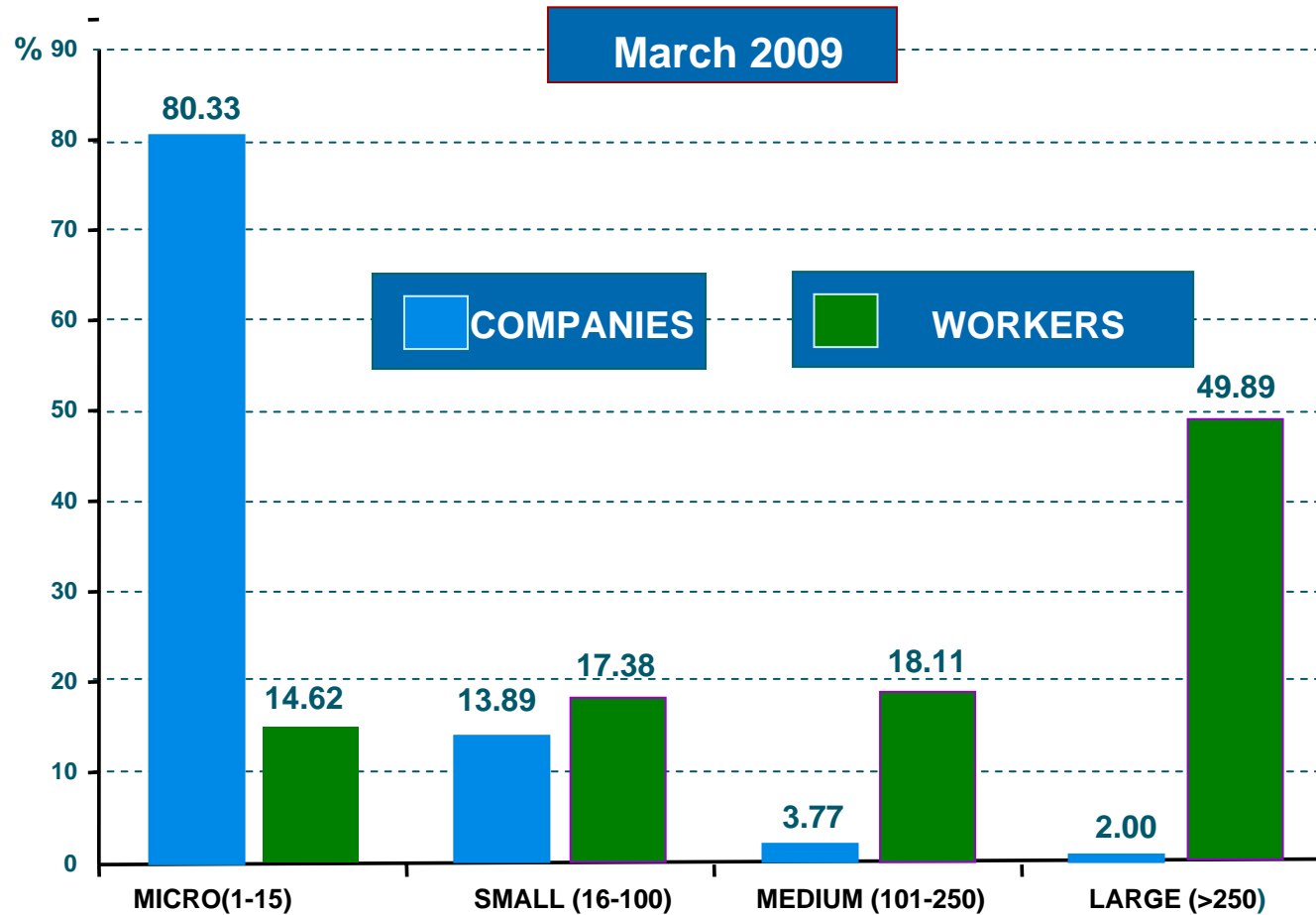
Universe



Source: Memoria Estadística Institucional IMSS.2010



EMPLOYED WORKERS BY SIZE OF AFFILIATED COMPANIES, IMSS



Source: Emisión Mensual Anticipada, marzo 2009.



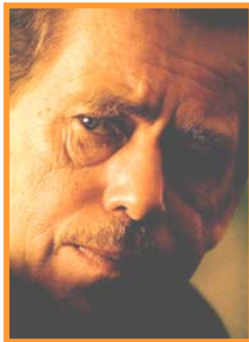
Loss of Health



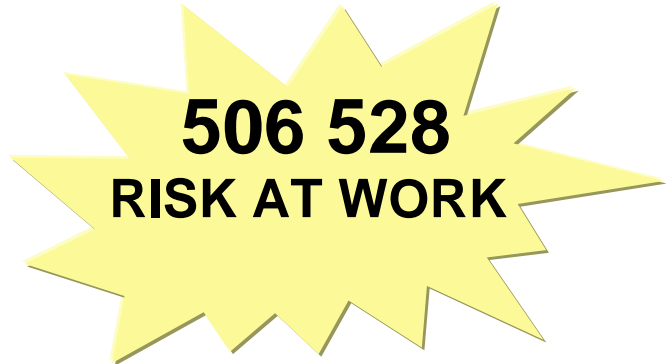
403 336
ACCIDENTS AT WORK



99 726
ON THE WAY TO WORK
ACCIDENTS



3 466
ILLENSS AT
WORK



506 528
RISK AT WORK



Problematic 2006-2010



| Concept | Quantity | IP | Deaths |
|-------------------|-----------|--------|--------|
| Accidents at Work | 1 880,322 | 83,853 | 5,471 |
| Illness at Work | 18,654 | 31,683 | 19 |



In these five years there was an increase of accidents and occupational diseases as a whole of 29.5%, from 314.254 in 2006 to 406.802 in 2010.

Permanent disabilities increased by 23.4%, from 18.140 to 22.389.



Review of Prevention in IMSS



Prevention

Actions that are intended to come before the events occurring

Safety at Work

Known as Safety and not Security

Industrial Hygiene

Discipline that prevents occupational diseases through the recognition, evaluation and control of risk factors present in the work environment

Surveillance of Environmental Work

Participation in the diagnosis of health, safety and hygiene and workplace affiliates IMSS



JUSTIFICATION OF RISK PREVENTION

Institutional Approach





Economic Reason



Expenses for Labor Risk Insurance 2010

\$1,500 MUSD

IN KIND BENEFITS
(Art 56 LSS)

- Medical, surgical and pharmaceutical
 - Inpatient hospital services
 - Prosthetic and orthotic devices
 - Rehabilitation

CASH BENEFITS (Art 58 LSS)





Legal Reasons



Political Constitution

Federal Labor Law

Social Security Law

Rules on Safety and Hygiene

Official Norms and Codes/Ordinance

Other Legal Instruments



Legal Basis

➤ Social Security Act



Article **82**. The Institute will carry out investigations as it deems appropriate on workplace hazards and suggest a pattern of suitable techniques and practices as to prevent the realization of these risks.



The Institute may verify the establishment of programs or risk preventive actions in companies that work on registered claims, these may decrease the amount of insurance premium.





Ethic Reasons



403,336 Accidents at work

1,105 Accidents / day

3,466 Illness at work

11,918,891 Loss days for disability

13,603 Permanent disabilities AT

1,122 Deaths for AT



Source: Coordinación de Salud en el Trabajo. SUI 55/ST-5. 2010





Management Reasons



\$1,850 MUSD

Insurance of Risk at Work

DIRECT COSTS

INDIRECT COSTS

Loss of Materials

Loss of Hours at work

Damages of property

Loss of productivity

\$11,045 MUSD*

Five times the Direct Cost according to ILO.

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WHAT DOES IMSS IN RISK PREVENTION WITH THE AFFILIATE COMPANIES?



STRATEGIES

Actions that under this program are committed have been raised with a focus of results and can be grouped as:



- Actions on health and safety at work,
- Communication on occupational health and safety,
- Education for Health and Safety at Work



Actions of health and safety at work.

They have as objective to assist in the injuries and illnesses prevention in the workplace of affiliated companies and workplaces of the Mexican Institute of Social Security





□ Communication in occupational safety and health at work.

In this sense, it is doing design activities of specific material to provide information and training to the workers of the companies and workplaces of IMSS in safety and health at work, with this resources be spread concepts and strategies for the injuries and illnesses prevention.



□ Education for Safety and Health at work.

Key part in order to influence in a prevention culture of injuries and illnesses. The DPRT has committed raising the operational performance of our people as well as the quality in training services that are provided to own employees of the Institute and workers affiliated companies.



Preventive Actions

Who does?

**SPECIALISTS
AND TECHNICIS
IN INDUSTRIAL
SAFETY AND HYGIENE**

SERVICES

- ADVISE
- EDUCATION /TRAINING
- TECHNICAL SUPPORT
- INFORMATION



**EMPLOYERS AND WORKERS
AFFILIATED COMPANIES**



General Procedure for the Prevention Risk at Work in a Company

Specialized Equipment

- Interview with the company.
- Setting objectives and scope.
- Establishment of agreements and commitments

**Identification and assessment of risk factors.
Diagnosis of health and safety at work.
Presentation to the company representative.**





Safety and Prevention Program Health at Work

- Suggested measures to prevent occupational hazards.
 - Setting priorities for solving the problem.
 - Scheduling preventive program activities



Follow Preventive Security Program and Health at Work

- Verification of compliance with the preventive measures of occupational hazards.
 - Technical support.
 - Rethinking activities.





Scope of Program

400 Work Safety Specialists in the program



The program has the ability to cover only 2.3% of the affiliated companies with problems of accidents.

The estimated benefit of 3.5% of all workers registered at Work Risk Insurance and 40% of IMSS workers.



According to the trends expected to decrease more than 5.000 accidents per year in businesses and operated workplaces.





Actions taken on hygiene at work

| Description | Measurement Unit | Completed January-November 2011 |
|--|-------------------------|--|
| Industrial hygiene studies. | Studies | 1,261 |
| Industrial hygiene prevention programs. | Programs | 1,247 |
| Evaluation of agents in the work environment (physical, chemical, biological and ergonomic). | Assessments | 4,089 |



Safety actions at work

| Description | Measurement Unit | Completed January-November 2011 |
|---|-------------------|---------------------------------|
| Studies of safety in the work. | Studies | 1,318 |
| Preventive safety programs at work. | Programs | 1,313 |
| Monitoring and advising to companies and workplaces and IMSS childcare. | Monitoring Report | 2,748 |



Actions taken in Education for Health and Safety at Work

| Description | Measurement Unit | Completed January- November 2011 |
|--|-------------------------|---|
| Learn basic safety and hygiene in the work. | Attendees | 29,059 |
| Monographic courses health and safety at work. | Attendees | 6,328 |
| Graduates of health, safety and hygiene at work. | Attendees | 280 |



Intervened companies and workers with benefits, from 2008 to 2011



| Actions | 2008 | 2009 | 2010 | 2011* | Total |
|--|---------|---------|---------|---------|-----------|
| Intervened companies with preventive programs. | 1,280 | 1,305 | 1,285 | 1,297 | 5,167 |
| Workers benefited | 544,166 | 551,229 | 501,990 | 470,313 | 2,067,698 |

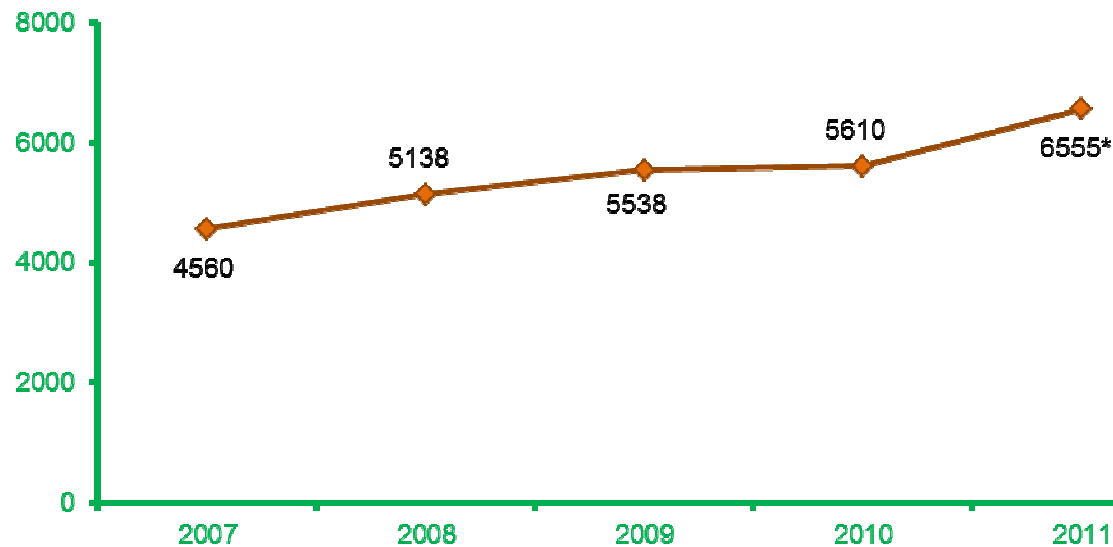
***Figure for January to September 2011.**





STUDIES AND PREVENTIVE PROGRAMS OF INDUSTRIAL SAFETY AND HYGIENE IN COMPANIES AND LABOR CENTRES IMSS

2007 - 2011



Source: Cifras Reales Acumuladas de enero-diciembre 2007 a 2010, Reporte del PREI Millenium, Coordinación de Salud en el Trabajo. *Cifras estimadas enero-diciembre 2011

In the IMSS companies high accident studies are carried out and preventive health and safety in order to reduce the incidence of accidents and occupational diseases in the companies audited, through recommendations based on official Mexican standard issues.

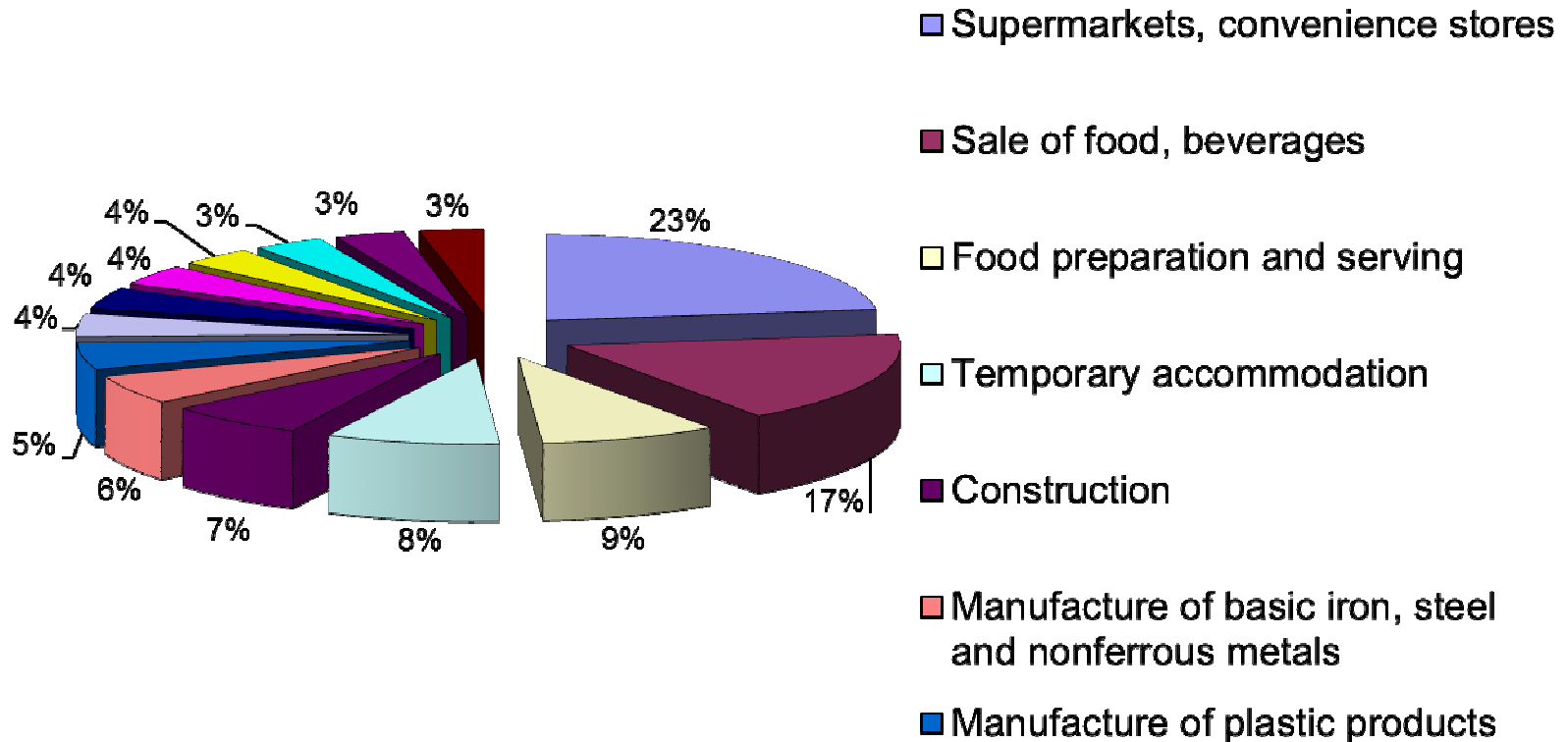


Number of Accidents Prevented 2009-2011*





ACCESS TO INDUSTRIAL SECTOR WITH PREVENTIVE PROGRAMS





CONCLUSIONS

In the last three years, IMSS has achieved the prevention of almost 17,000 accidents at work and more than a million and a half workers have benefitted



In the financial aspect, and taking into account that each accident at work attended in emergency rooms costs around \$2,200 USD, IMSS has saved more than 37 million dollars.



With the objective of achieving a decrease of at least 2.5% of accidents at work, IMSS requires that the companies increase the preventive actions through these kind of strategies with active participation of companies.



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THANKS
FOR YOUR
ATENCIÓN