

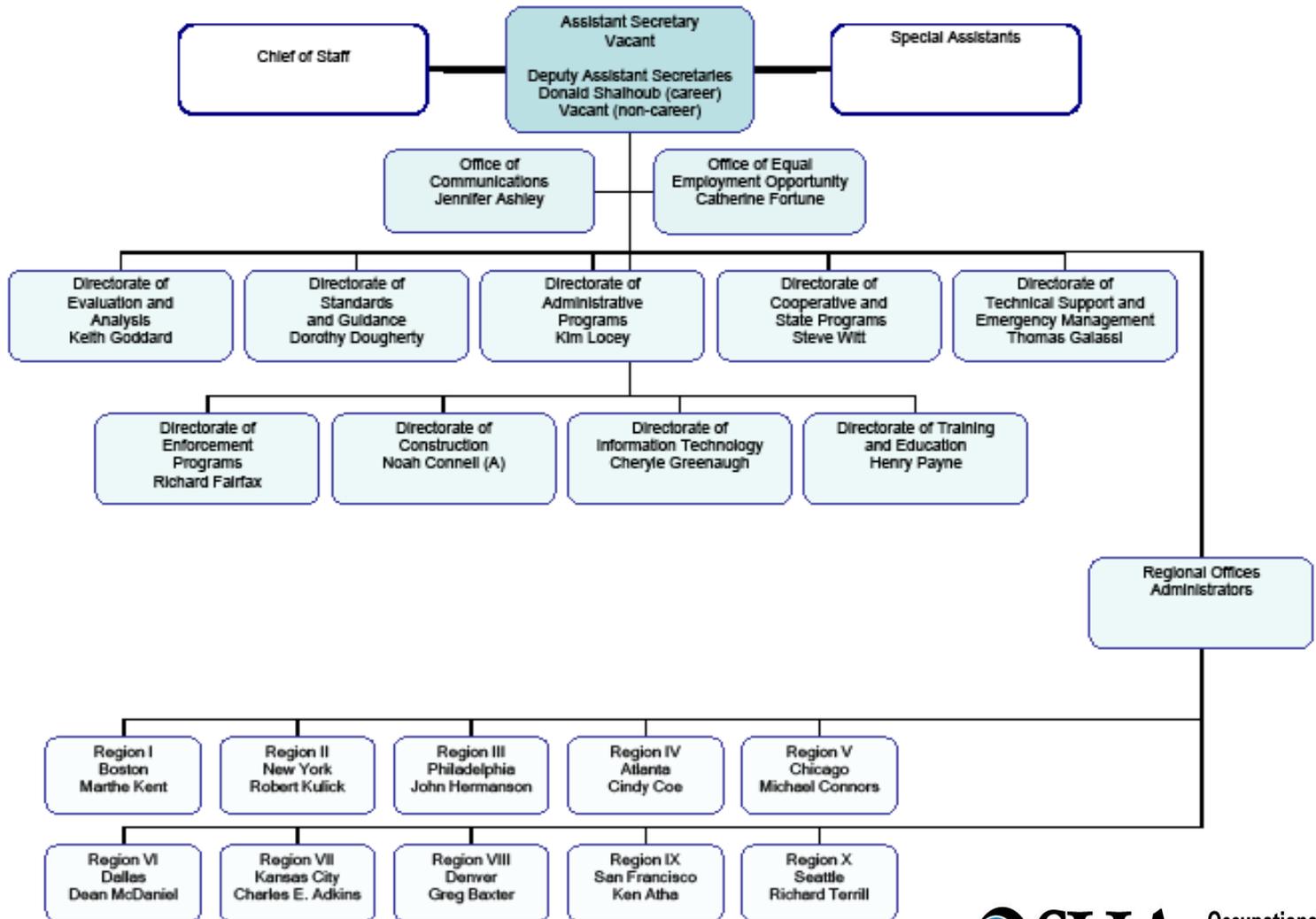
# CONFERENCIA INTERAMERICANA DE MINISTROS DE TRABAJO (CIMT)

19 de mayo de 2009

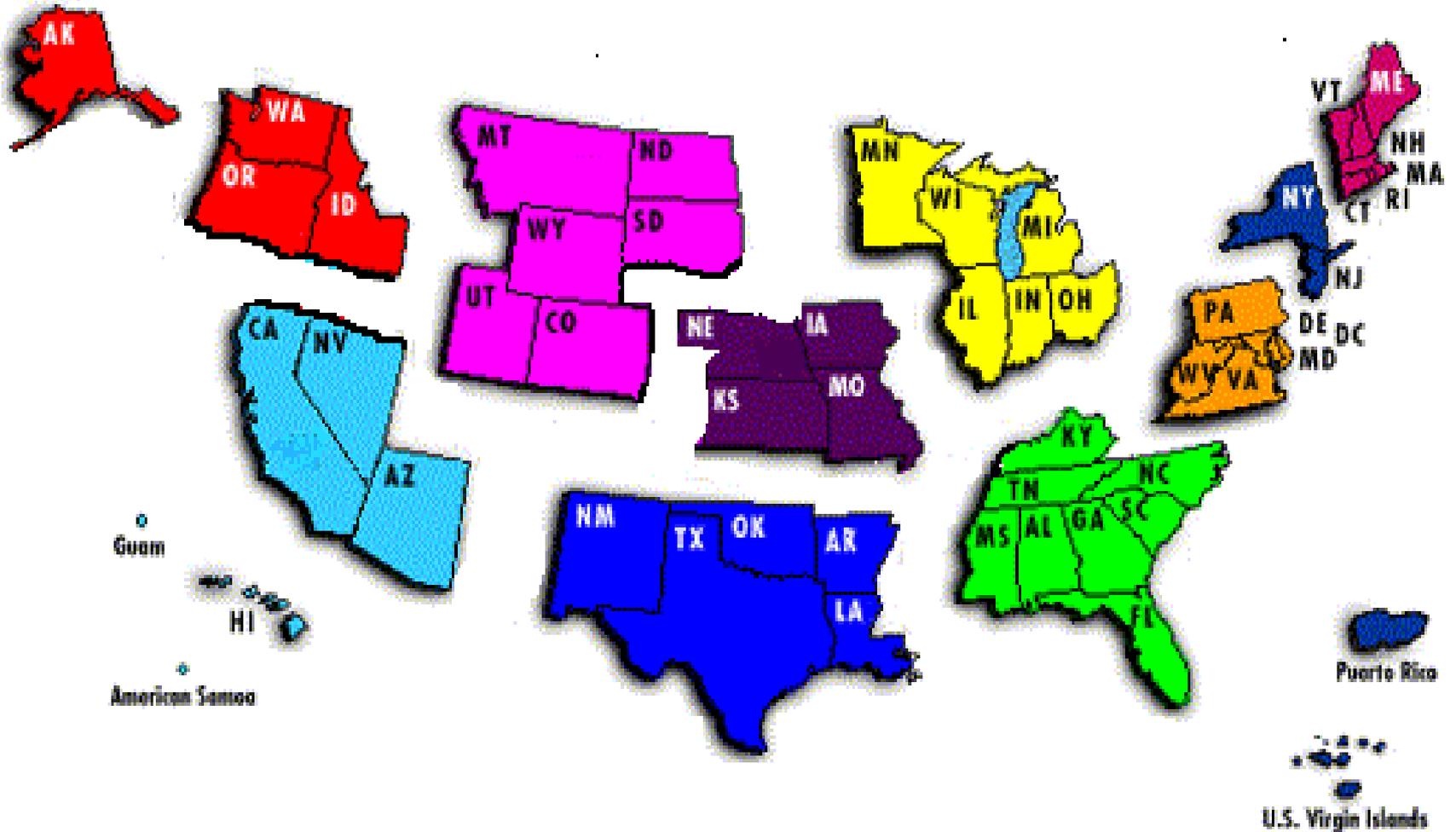
Sanji Kanth, PE  
Administración de la Seguridad y Salud  
Ocupacionales  
Oficina de Vigilancia Industrial General  
Dirección de Programas de Vigilancia



**Occupational Safety and Health  
Organizational Chart – January 21, 2009**



# Oficinas Regionales de OSHA



Occupational  
Safety and Health  
Administration

# **Dirección de Programas de Vigilancia de OSHA**

- *Oficina de Vigilancia Industrial General*
- *Oficina de Vigilancia en Salud*
- *Oficina de Vigilancia Marítima*
- *Oficina de Protección de Denunciantes*

## Programas e iniciativas de vigilancia

- Diseñados para ayudar a OSHA a reducir muertes, lesiones y enfermedades en el ámbito laboral enfocándose en los centros de trabajo que plantean mayores riesgos y en las empresas con tasas más altas de lesiones y enfermedades.
- Los mecanismos estratégicos incluyen el Enfoque de Sitios Específicos (SST), el Programa Mejorado de Vigilancia (EEP), Programas con Énfasis Nacional (NEP) y Programas con Énfasis Local (LEP).

# Categorías de inspecciones

- Programadas y no programadas
  - Programadas
    - Enfoque de Sitios Específicos (SST)
    - Programa Mejorado de Vigilancia (EEP)
    - Programas con Énfasis Nacional (NEP)
    - Programas con Énfasis Local (LEP)

# Categorías de inspecciones

## – No programadas

- Muertes y catástrofes
- Quejas
- Canalizaciones
- Supervisión
- Seguimiento

# Prioridades en la programación de inspecciones de OSHA

- Peligro inminente
- Muertes y catástrofes
- Quejas y canalizaciones
  - Empleados
  - Otros interesados
- Inspecciones programadas

# Enfoque de Sitios Específicos (SST)

- El SST se aplica a 40 o más empleados
- Encuesta de la Iniciativa de Datos de OSHA (ODI)
- La ODI recopila datos de 80,000 empleadores
- El primer programa de SST se inició en abril de 1999
- El SST consta de tres listas de inspección: una primaria, una secundaria y una terciaria

## Programa Mejorado de Vigilancia (EEP)

- Si una inspección se clasifica como caso EEP, se le pueden aplicar acciones adicionales de vigilancia:
  - Una inspección mejorada de vigilancia
  - Disposiciones de arreglo más severas
  - Podrían inspeccionarse otros centros de trabajo del mismo empleador

# Programas con Énfasis Nacional (NEP)

- Desarrollados por la Dirección de Programas de Vigilancia
- Desarrollados por la Dirección de Construcción
- Desarrollados por la Dirección de Evaluación y Análisis
  - Registros

# Programas con Énfasis Nacional (NEP)

- Plomo
- Sílice cristalino
- Amputaciones
- Polvo combustible
- Refinerías de petróleo
- Operaciones de desguazado
- Excavación de zanjas

# Programas con Énfasis Nacional (NEP)

- NEP en desarrollo
  - Plantas químicas: gestión de la seguridad de los procesos
  - Metales primarios
  - Asma ocupacional
  - Saborizantes y diacetilo
  - Perforación de pozos petroleros y de gas
  - Registros



# Programas con Énfasis Local (LEP)

- Desarrollados por una Oficina de Área o por una Región
- Aprobación regional y de abogados regionales
- Más de 140 LEP
- Ejemplos:
  - Plomo
  - Sílice
  - Construcción de viviendas
  - Metales

# A dónde se dirige la vigilancia

- Busca impactar a corporaciones e industrias completas
  - Acuerdos de arreglo institucional
  - Programa mejorado de vigilancia
  - Cartas a la industria
  - Cartas a corporaciones
  - Otros métodos

# RESULTADOS



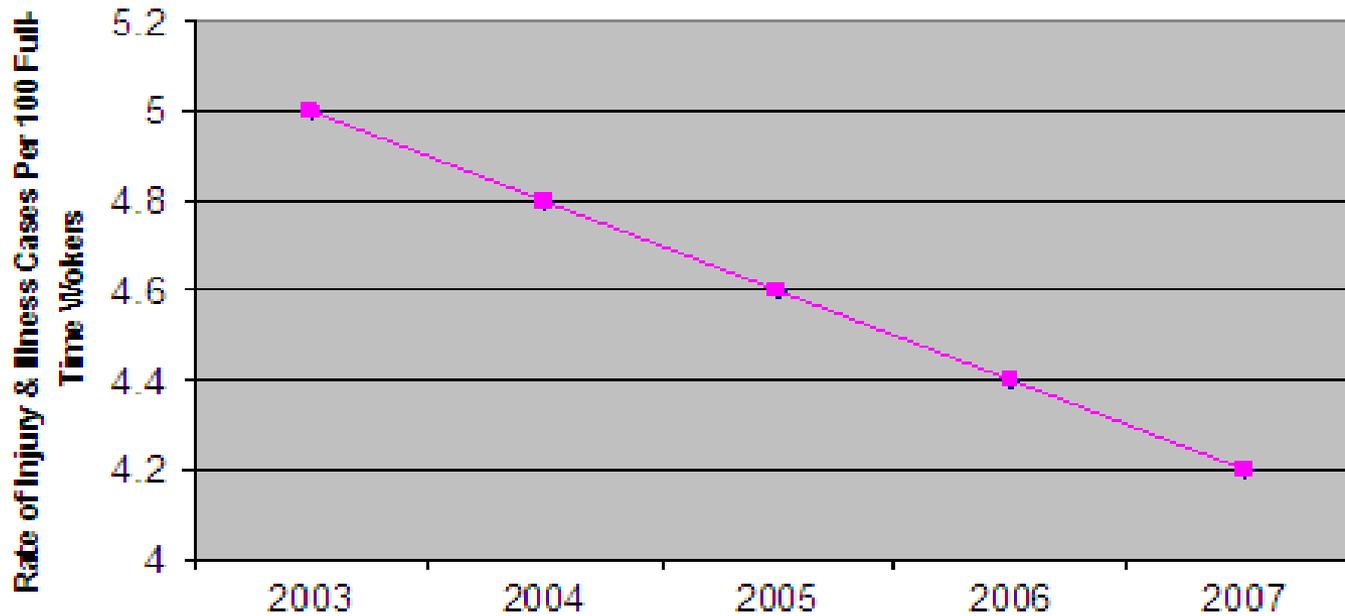
# Inspecciones de OSHA

Estadísticas de inspección de OSHA	EF2004	EF2005	EF2006	EF2007	EF2008	% de cambio 2004-2008
<b>Total de inspecciones</b>	39,167	38,714	38,579	39,324	38,591	-1.5%
<b>Total de inspecciones programadas</b>	21,576	21,404	21,506	23,035	23,023	6.7%
<b>Total de inspecciones no programadas</b>	17,590	17,310	17,073	16,288	15,565	-11.5%
<b>Investigaciones de muertes</b>	1,060	1,114	1,081	1,043	957	-9.7%
<b>Quejas</b>	8,062	7,716	7,376	7,055	6,697	-16.9%
<b>Canalizaciones</b>	4,585	4,787	5,019	5,007	4,855	5.9%
<b>Otros</b>	3,829	4,807	3,555	3,183	3,056	-20.2%

# Violaciones de OSHA

Estadísticas de violaciones de OSHA	EF2004	EF2005	EF2006	EF2007	EF2008	% de cambio 2004-2007
<b>Total de violaciones</b>	86,708	85,307	83,913	88,846	87,687	1.1%
<b>Total de violaciones graves</b>	61,666	61,018	61,337	67,176	67,052	8.7%
<b>Total de violaciones dolosas</b>	462	747	479	415	517	11.9%
<b>Total de reincidencia en violaciones</b>	2,360	2,350	2,551	2,714	2,817	19.4%
<b>Total no graves</b>	21,705	20,819	19,246	18,331	17,131	-21.1%

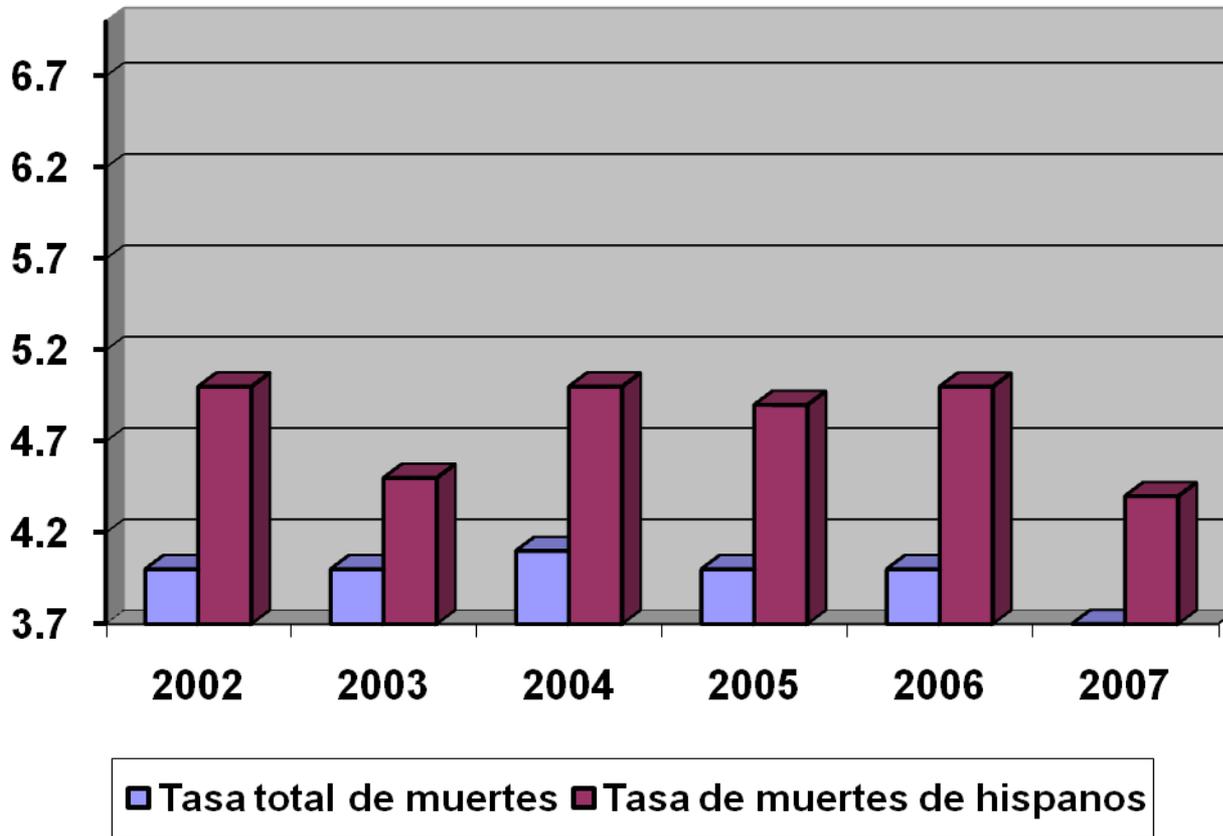
# Tasa total de casos registrables



# Tasa total de casos registrables

<b>Tasas de lesiones y enfermedades [1],[2]</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>% de reducción 2003-2007</b>
<b>Tasa total de casos registrables</b>	5.0	4.8	4.6	4.4	4.2	- 16.0%
<b>Tasa de casos de días de trabajo restringido y ausencia</b>	2.6	2.5	2.4	2.3	2.1	-19.2%

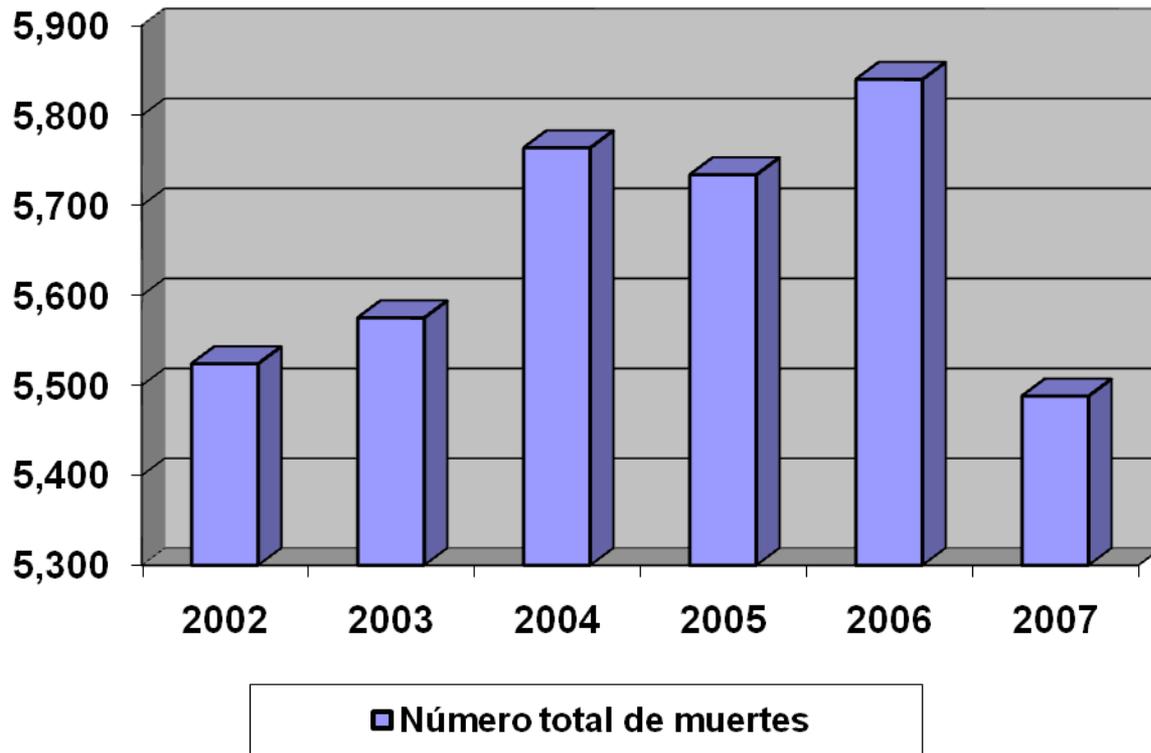
# Tasa de mortalidad



# Número de muertes y tasa de mortalidad

Estadísticas de mortalidad	2002	2003	2004	2005	2006	2007*	% de reducción 2002-2007
Número total de muertes	5,524	5,575	5,764	5,734	5,840	5,488	-0.7%
Tasa de mortalidad <sup>[1]</sup>	4.0	4.0	4.1	4.0	4.0	3.7	-7.5%
Tasa de muertes de hispanos <sup>[3]</sup>	5.0	4.5	5.0	4.9	5.0	4.4	-12.0%

# Número de muertes



# Recursos de ayuda para vigilancia de OSHA

- Hojas temáticas de seguridad y salud
- Hojas informativas
- Carteles
- Boletines informativos de seguridad y salud

## Combustible Dust

**Does your company or firm process any of these products or materials in powdered form?**

**If your company or firm processes any of these products or materials, there is potential for a "Combustible Dust" explosion.**

<b>Agricultural Products</b> Egg white Milk, powdered Milk, nonfat, dry Soy flour Starch, corn Starch, rice Starch, wheat Sugar Sugar, milk Sugar, beet Tapioca Wheat flour Wood flour  <b>Agricultural Dusts</b> Alfalfa Apple Beet root Carrots Carrot Cocoa bean dust Cocoa powder Coconut shell dust Coffee dust Corn meal Cornstarch Cotton	Cottonseed Garlic powder Gluten Grass dust Great coffee Hops (treated) Lemon peel dust Limes pulp Linseed Locust bean gum Malt Oat flour Oat grain dust Olive pellas Onion powder Parley (dehydrated) Peach Peanut meal and skins Peas Potato Potato flour Potato starch Raw yucca seed dust Rice dust Rice flour Rice starch Rye flour Sennolina	Soybean dust Spice dust Spice powder Sugar (100) Sunflower Sunflower seed dust Tea Tobacco blend Tomato Walnut dust Wheat flour Wheat grain dust Wheat starch Xanthan gum  <b>Carbonaceous Dusts</b> Charcoal, activated Coal, bituminous Coke, particles Lampblack Lignite Peat, 22% H <sub>2</sub> O Root, pine Cellulose Cellulose pulp Cork Corn	<b>Chemical Dusts</b> Adipic acid Acrylonitrile Acetic acid Calcium acetate Calcium stearate Carbonylmethylcellulose Cellulose Lactose Lead stearate Methylcellulose Paraformaldehyde Sodium acetate Sodium stearate Sulfur  <b>Metal Dusts</b> Aluminum Bronze Iron carbonyl Magnesium Zinc  <b>Plastic Dusts</b> (poly) Acrylamide (poly) Acrylonitrile (poly) Ethylene (low-pressure process)	Epoxy resin Melamine resin Melamine, molded Phenol-cellulose Melamine, molded Wood flour and mineral filled phenol-formaldehyde (poly) Methyl acrylate (poly) Methyl acrylate emulsion polymer Phoslo resin (poly) Propylene Terephthalic resin Urea-formaldehyde/cellulose, molded (poly) Vinyl acetate/styrene copolymer (poly) Vinyl alcohol (poly) Vinyl butyral (poly) Vinyl chloride/styrene (vinyl acrylate suspension copolymer (poly) Vinyl chloride/vinyl acetate emulsion copolymer
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**Dust Control Measures**  
 The dust-containing systems (ducts and dust collectors) are designed in a manner (i.e., no leakage) that fugitive dusts are not allowed to accumulate in the work area.  
 The facility has a housekeeping program with regular cleaning frequency established for floors and horizontal surfaces, such as ducts, pipes, hoods, ledges, and beams, to minimize dust accumulations within operating areas of the facility.  
 The working surfaces are designed in a manner to minimize dust accumulation and facilitate cleaning.  
**Ignition Control Measures**  
 Electrical/hydropowered cleaning device such as vacuum cleaners, and electrical equipment are approved for the hazard classification for Class II locations.  
 The facility has an ignition control program, such as grounding and bonding and other methods, for dissipating any electrostatic charge that could be generated while transporting the dust through the ductwork.  
 The facility has a Hot Work permit program.  
 Areas where smoking is prohibited are posted with "No Smoking" signs.  
 Dust systems, dust collectors, and dust-producing machinery are bonded and grounded to minimize accumulation of static electrical charge.

The facility selects and uses industrial trucks that are approved for the combustible dust locations.  
**Prevention Measures**  
 The facility has separator devices to remove foreign materials capable of igniting combustible dusts.  
 MSDS for the chemicals which could become combustible dust under normal operations are available to employees.  
 Employees are trained on the explosion hazards of combustible dusts.  
**Protection Measures**  
 The facility has an emergency action plan.  
 Dust collectors are not located inside of buildings. (Some exceptional rooms, buildings, or other enclosures dust collectors have explosion relief venting distributed over the exterior wall of buildings and enclosures.  
 Explosion venting is directed to a safe location away from employees.  
 The facility has isolation devices to prevent deflagration propagation between pieces of equipment connected by ductwork.  
 The dust collector systems have spark detection and explosion/deflagration suppression systems.  
 Emergency exit routes are maintained properly.

Occupational Safety and Health Administration  
U.S. Department of Labor  
www.osha.gov • (xx) xxx-OSHA • TTY (xx) xxx-xxxx

Cartel sobre polvo combustible de OSHA



# UNITED STATES DEPARTMENT OF LABOR

## OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

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U.S. Department of Labor's OSHA announces rulemaking on combustible dust hazards  
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Marine terminal safety issues slated for discussion at OSHA's Maritime Advisory Committee meeting  
OSHA Notifies Workplaces with High Injury and Illness Rates  
E-News...

- ### How do I?
- Report possible hazards in the workplace
  - Find hazards by industry or operation
  - Find a regulation and related information
  - Order publications
  - Contact OSHA
  - Submit comments on draft rulemaking
  - Apply for a training grant
  - Download the recordkeeping forms (300, 300A, 301)
  - Subscribe to RSS feeds

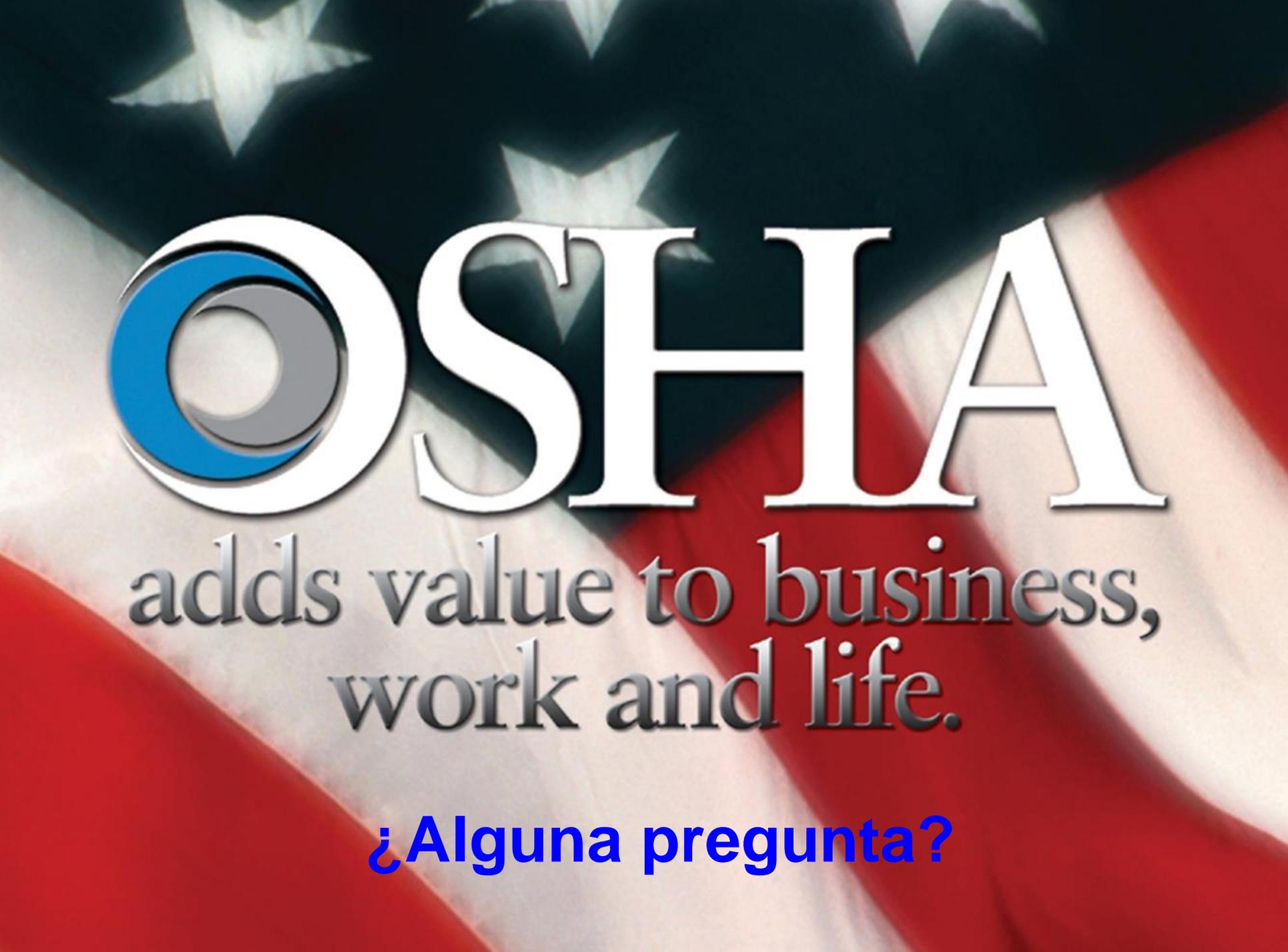
- ### In Focus
- #### Worker Safety and Health Guidance for H1N1 Flu
- How to Protect Yourself in the Workplace**  
QuickCard (English: [HTML](#) [PDF](#); Spanish: [HTML](#) [PDF](#))
  - What Employers Can Do to Protect Workers**  
Fact Sheet (English: [HTML](#) [PDF](#); Spanish: [HTML](#) [PDF](#))
  - High Exposure Risk Occupations (Healthcare)**  
Fact Sheet (English: [HTML](#) [PDF](#); Spanish: [HTML](#) [PDF](#))
  - Respiratory Protection**  
QuickCard (English: [HTML](#) [PDF](#); Spanish: [HTML](#) [PDF](#))
  - Respirators vs. Surgical Masks**  
Fact Sheet (English: [HTML](#) [PDF](#); Spanish: [HTML](#) [PDF](#))

- #### New for Workers
- Controlling Silica Exposures in Construction Guidance [[PDF](#) 1MB]
  - OSHA's Small Business Guide for Ethylene Oxide [[PDF](#) 14MB]
  - Pneumatic Nail Gun Safety Tips QuickCard [[PDF](#) 46KB]

- ### Find It in DOL
- About OSHA
  - Compliance Assistance
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  - Enforcement
  - Construction
  - Cooperative Programs
  - State Programs
  - Newsroom
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  - Statistics
  - International
  - Freedom of Information Act (FOIA)

- ### Audiences:
- En Español
  - Hispanic Employers & Workers
  - Small Business Workers
  - Teen Workers

More Resources

The background of the slide is a close-up, slightly blurred image of the American flag, showing the stars and stripes. The OSHA logo is prominently displayed in the upper center. The letter 'O' is a large, stylized circle with a blue outer ring and a grey inner ring. The letters 'S', 'H', and 'A' are in a white, serif font with a slight 3D effect and a drop shadow.

# OSHA

adds value to business,  
work and life.

**¿Alguna pregunta?**