

# Outline Basic Principles and Causes of Global Migration Global migration demographics and economics Occupational health of migrant workers Summary and future directions

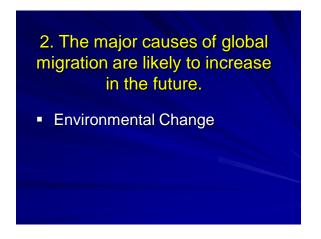
Migration has always been and will continue to be a natural phenomena for living species

One seventh of the global human population is migrant.







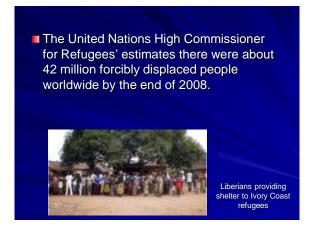












## 2. The major causes of global migration are likely to increase in the future.

- Environmental Change
- Political Change (refugees)
- Demographic and Economic Disparities





### Shortage of Immigrant Workers Alarms Growers in West

By Sonya Geis Washington Post Staff Writer Tuesday, November 22, 2005

CALIEXICO, Calif. — Hours before dawn, Chuck Chum stood on a street corner in this dusty border town and shook his head, disensyed at the small number of men milling in the dark. Workers usually swarm streets near the border crossing in the early morning hours, but today Chum and other labor contractors looking for farmworkers found a crowd half the size they had been



working or San Lule, Arth. Growers say they could be 52,000 about of from remoted this winder 10y Plau Common. Assessibled Press

### Hire Local? Farmers Who Seek US Workers Hit Hard

EVEN WITH HIGH UNEMPLOYMENT, AMERICANS WALK OFF TOO-HARD JOB



By Evann Gestaldo, Newsor Staff Posted Oct 5, 2011 10:04 AM CDT



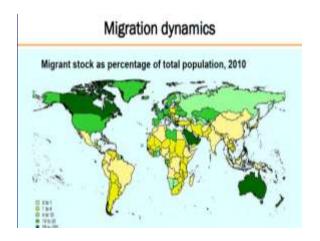
- 3. Migration has negative impacts on health in the origin, transit and destination locations
- Mental health
- Chronic diseases
- Occupational health
- .....etc

# Challenges for migrants' health Pre migration experiences, e.g. conflict, disasters, epidemiological profile Origin Return Loss of previous ties, exposure to risk factors at place of origin (VFR) Destination Linguistic, cultural, legal barriers to access health services, social exclusion, discrimination, isolation, exploitation, dangerous working conditions, no social

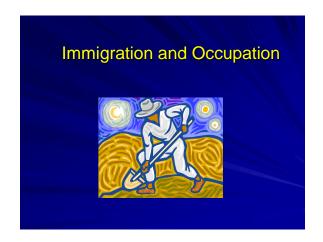
## 4. Social protections in health are reduced for the majority of immigrants Less preventive (public) health care Migrants have less financial protection for health care













## The Short Life and Preventable Death of Maria Isabel Vasquez Jimenez

Meet Maria Isabel Vasquez Jimenez.

On May 13, seventeen-year-old Maria was a farmworker, working the grape vineyard of West Coast Grape Farming in Stockton, California alongside her fiancee, **Florentino Bautista**.

Three days later, Maria was dead – killed after working nine straight hours in the broiling heat of the California summer, without access to water or shade.



## **Heat Stress Mortality**

- During 1992-2006, 423 workers in agricultural and nonagricultural industries died from exposure to environmental heat
  - 68 (16%) of these workers were engaged in crop production or support activities for crop production
- The heat-related average annual death rate for these crop workers was 20 times higher than for all U.S. civilian worker

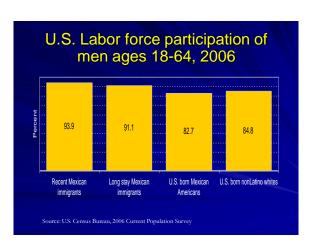
Source: CDC, MMWR, 2008 Vol. 57, No. 24.

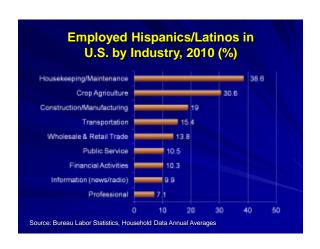


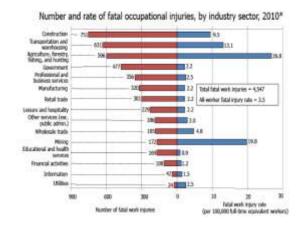
## Immigrant Populations, Work and Health Research

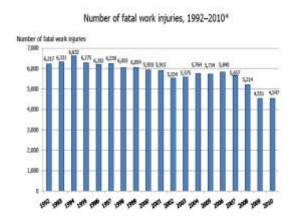
- Systematic review of immigrant occupational health research articles
- 48 articles, 1990 2005
  - Consistent finding of increased fatal and nonfatal injuries among immigrant populations
  - Little and inconsistent data on etiologic factors

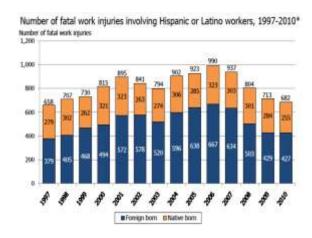
Ahonen, SJWEH, 2007

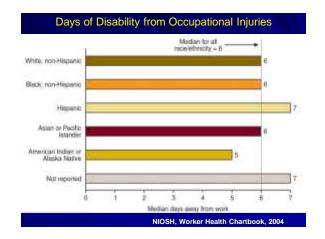




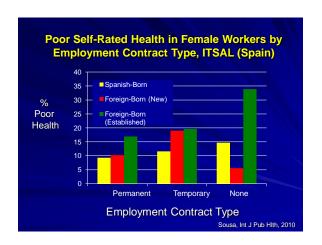






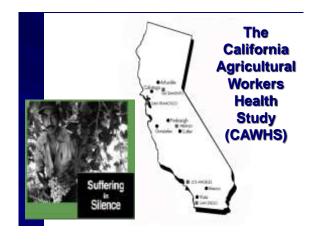


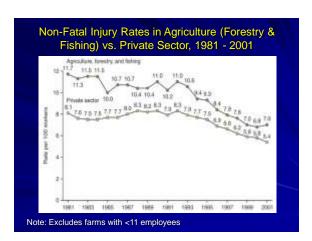












PMR External Causes, US Farmworkers, 24 States, 1984-1993		
Cause of Death	Number	PMR (95% CI)
External Causes	3616	133 (129 – 137)
All Injuries	2465	152 (146 – 158)
Motor vehicle injuries	1299	149 (141 – 158)
Other unintentional injury	1091	157 (148 – 157)
Unintentional poisoning	81	190 (145 – 244)
Falls	72	117 (92 – 148)
Suicide	480	80 (73 – 87)
Homicide	807	142 (131 – 154)
Firearms	721	99 (92 – 107)





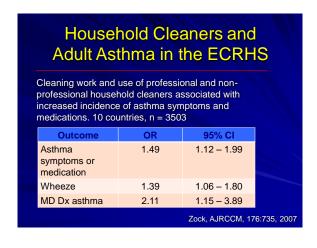


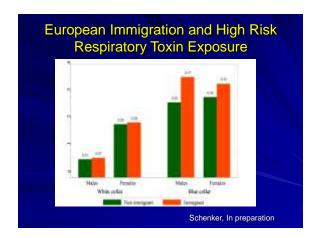


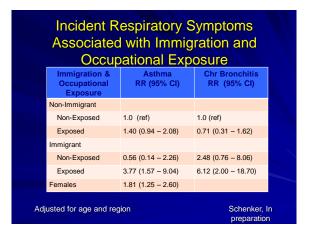




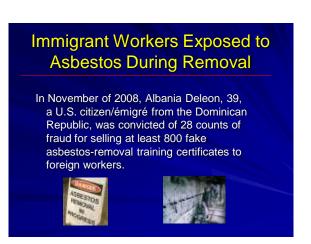








# Special case of migrants "in an irregular situation" Some 15% (?) of migrants are in an irregular situation Fewest entitlements to health and social services Exposed to many health risks, exploitation, discrimination







# New operational frameworks are needed Monitor migrant health Migrant sensitive health systems Policy legal frameworks Multinational approaches





