

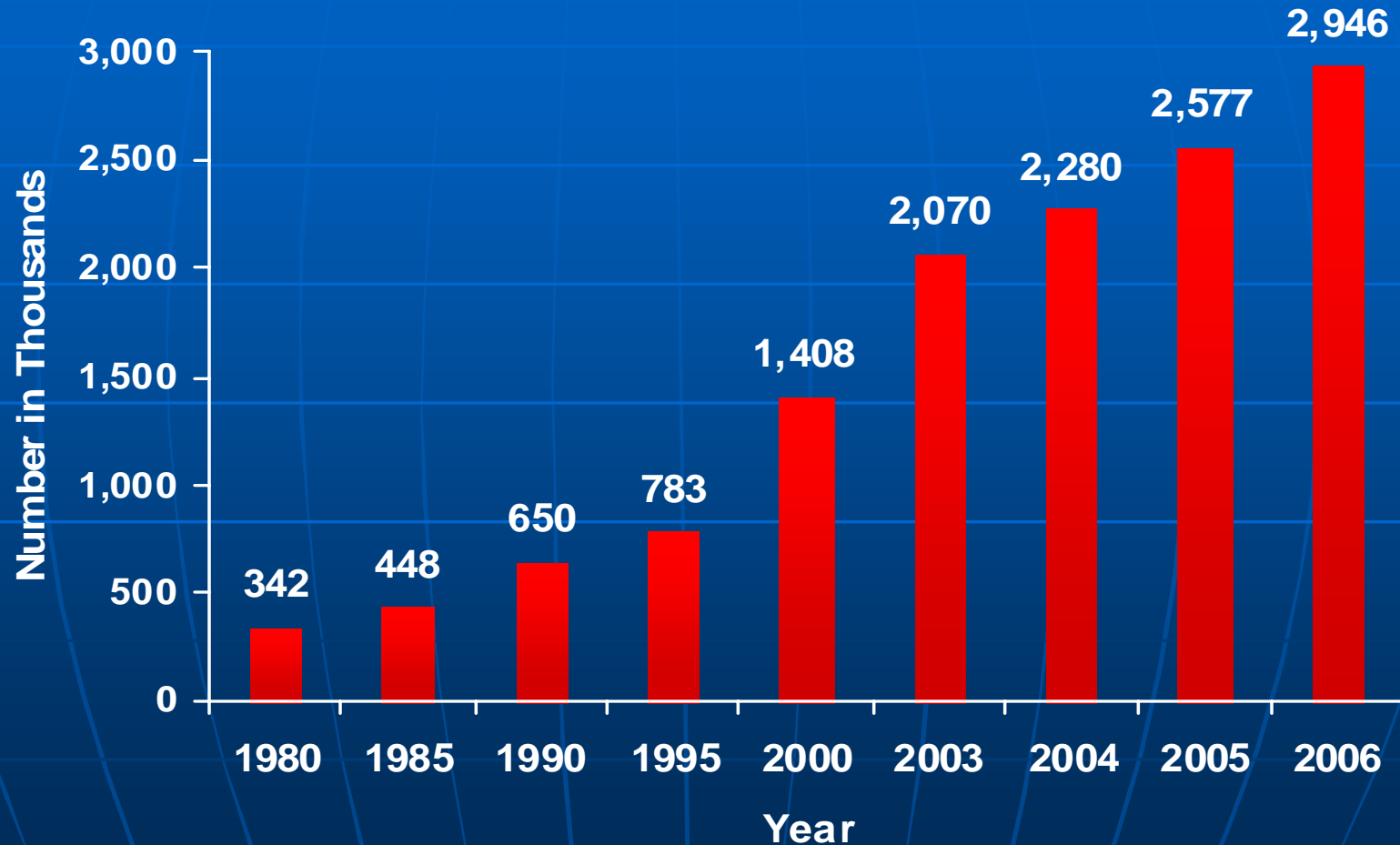
Medical Costs & Sources of Payment for Work-Related Injuries Among Hispanic Construction Workers

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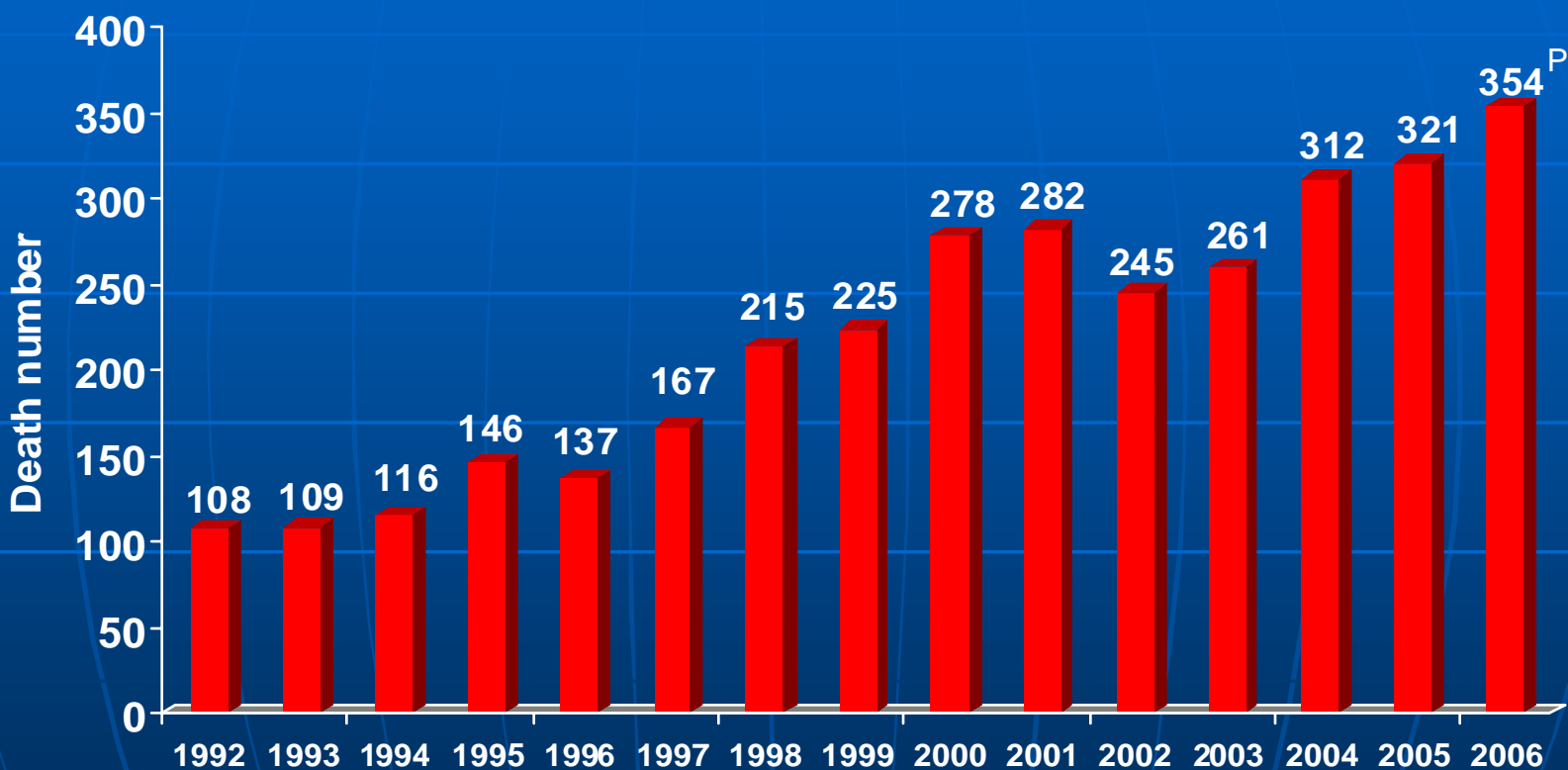
BACKGROUND

Growing Hispanic Employment in Construction



Source: The Current Population Survey, multiple years

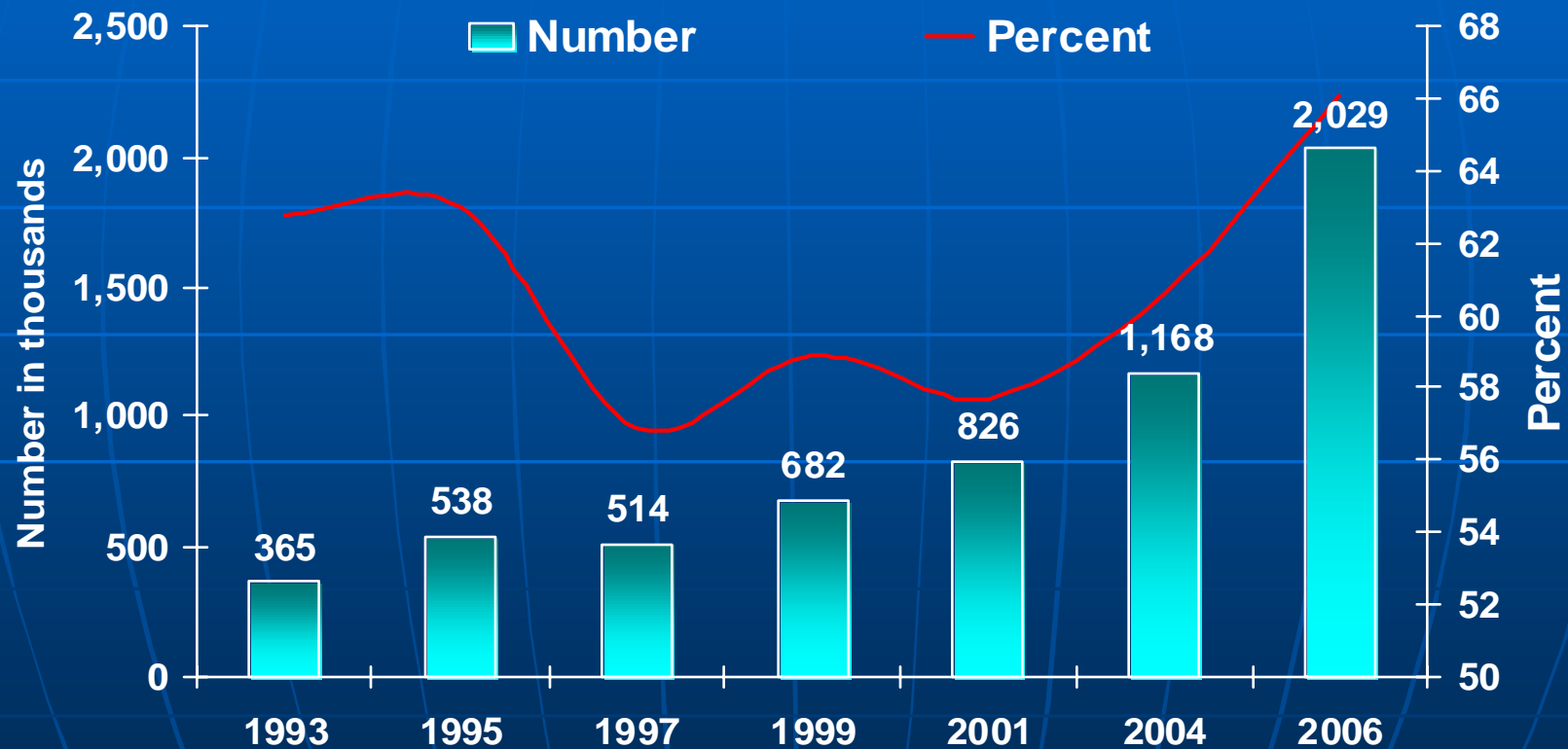
Fatal Occupational Injuries Among Hispanic Construction Workers, 1992-2006



Note: P = Preliminary

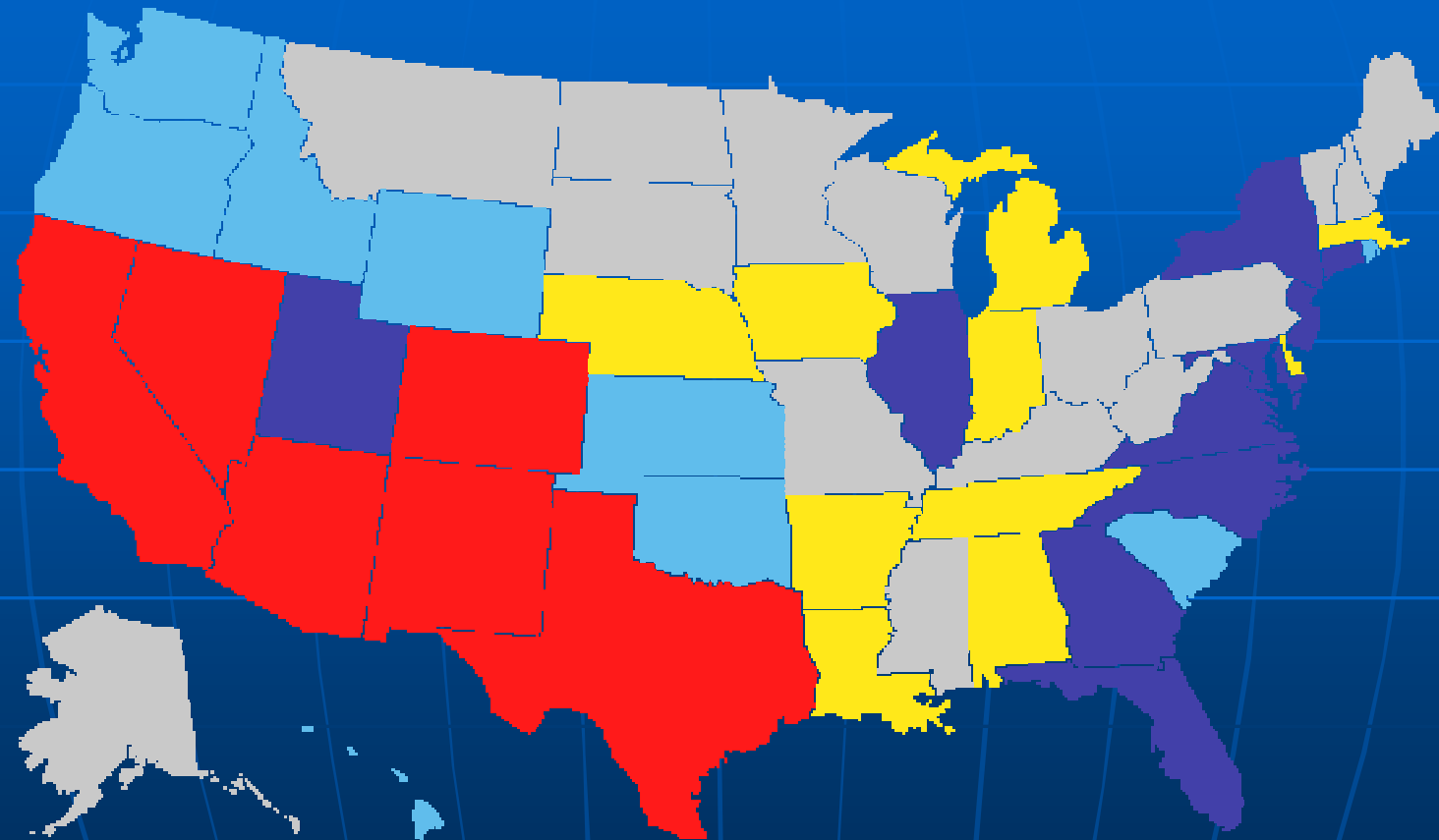
Source: The Census of Fatal Occupational Injuries, multiple years

Numbers and Rates of the Uninsured Among Hispanic Construction Workers



Source: March Supplement to the Current Population Survey, multiple years

Percentage of Construction Workers Who are Hispanic, By State



Percent

low data	10% < 10%	10% to 19%	20% to 29%	30% and over
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STUDY OBJECTIVES

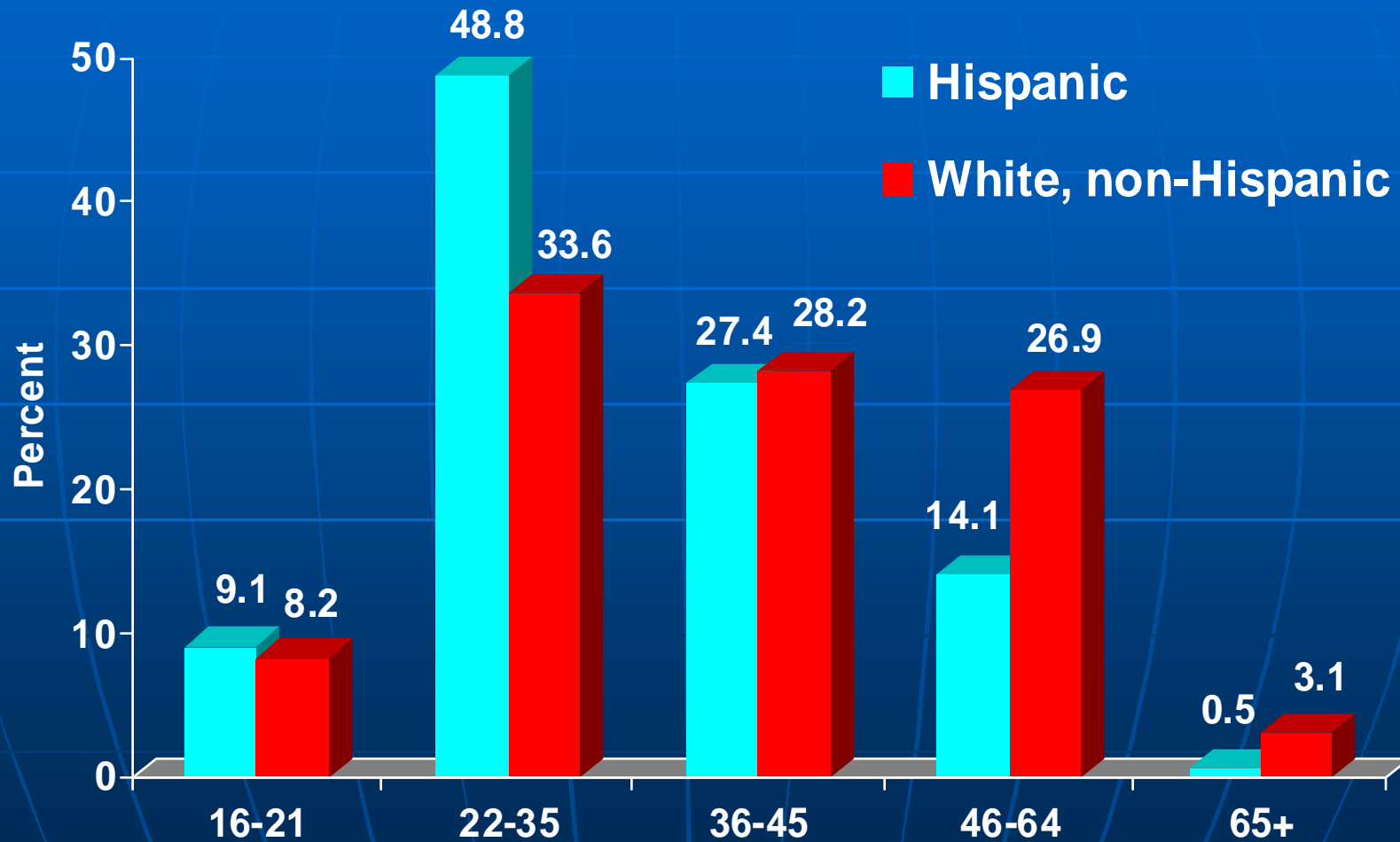
- Estimate medical costs of occupational injuries for Hispanic construction workers and the entire construction workforce
- Identify sources of payment for the costs
- Assess disparities between Hispanic and white, non-Hispanic construction workers

METHODS

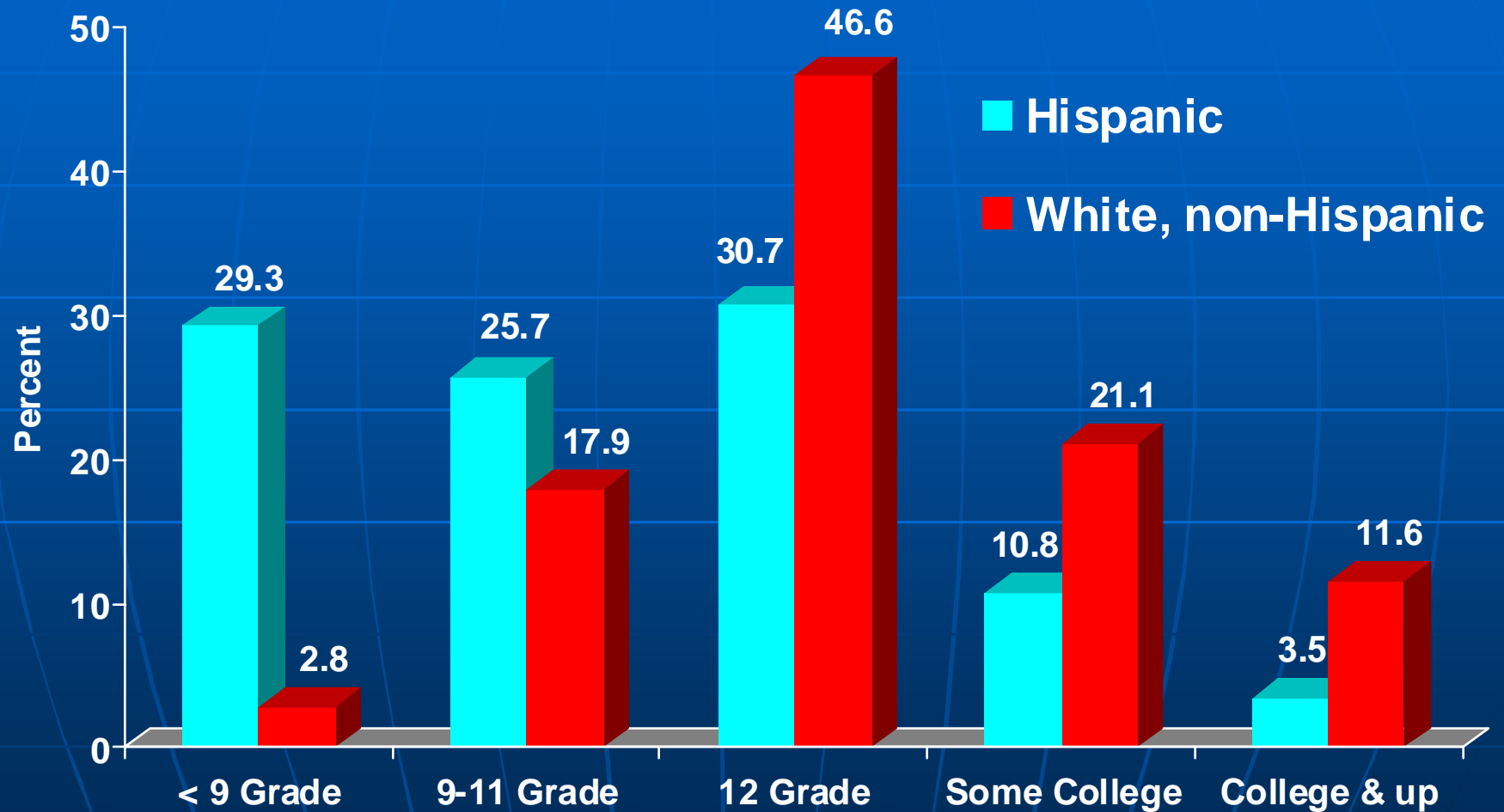
- **Data Source:**
 - Medical Expenditure Panel Survey (1996-2002)
 - Sample size: 7,025 construction workers
- **Hypotheses:**
 - Hispanic construction workers have a higher risk at worksites than their white, non-Hispanic counterparts
 - Disparities exist in medical costs and sources of payment for work-related injuries between Hispanic and white, non-Hispanic construction workers
- **Data Analysis:** Univariate and multivariate analyses using SAS-Callable SUDAAN (Version 9)

RESULTS

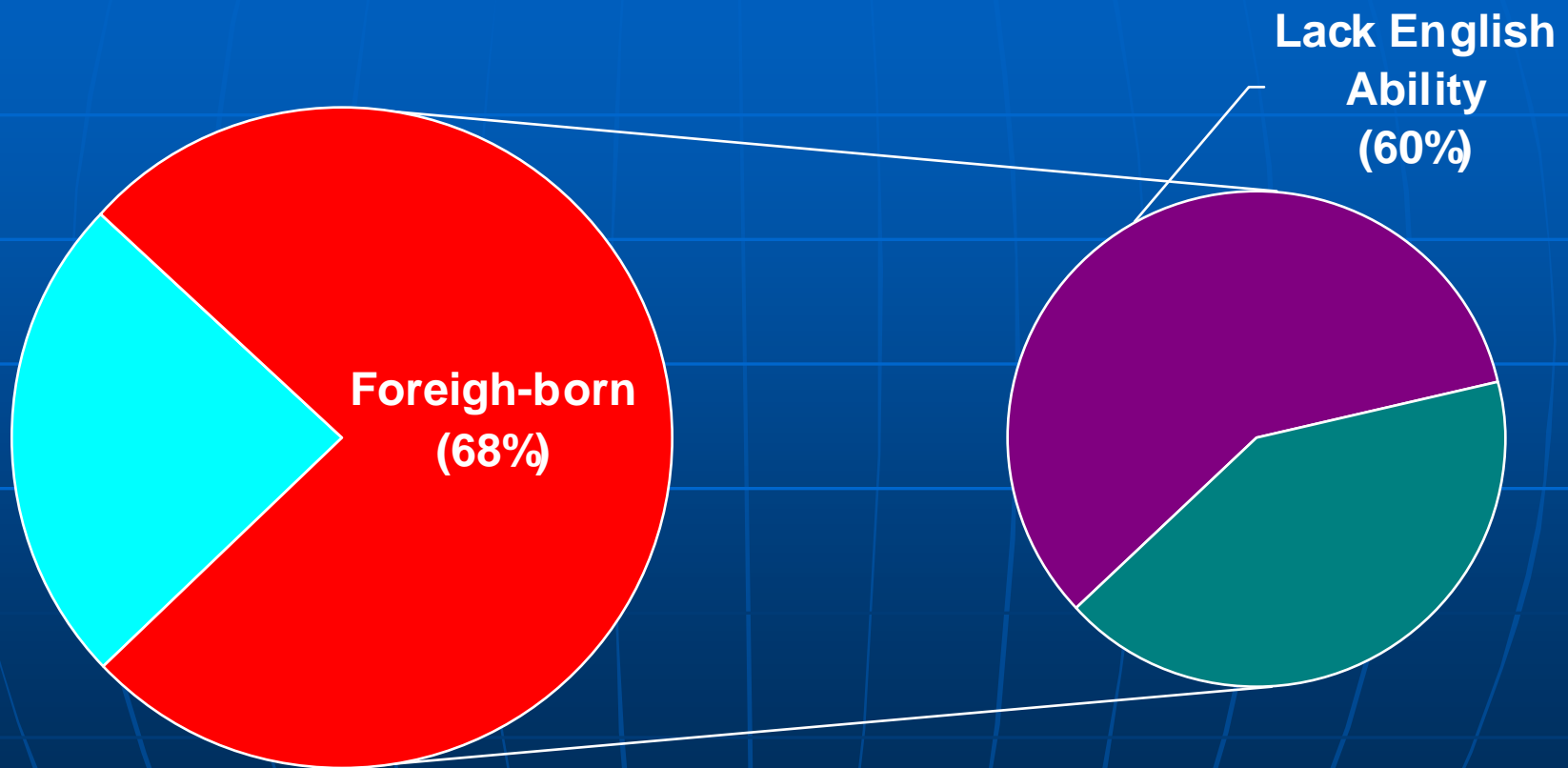
Age Distribution



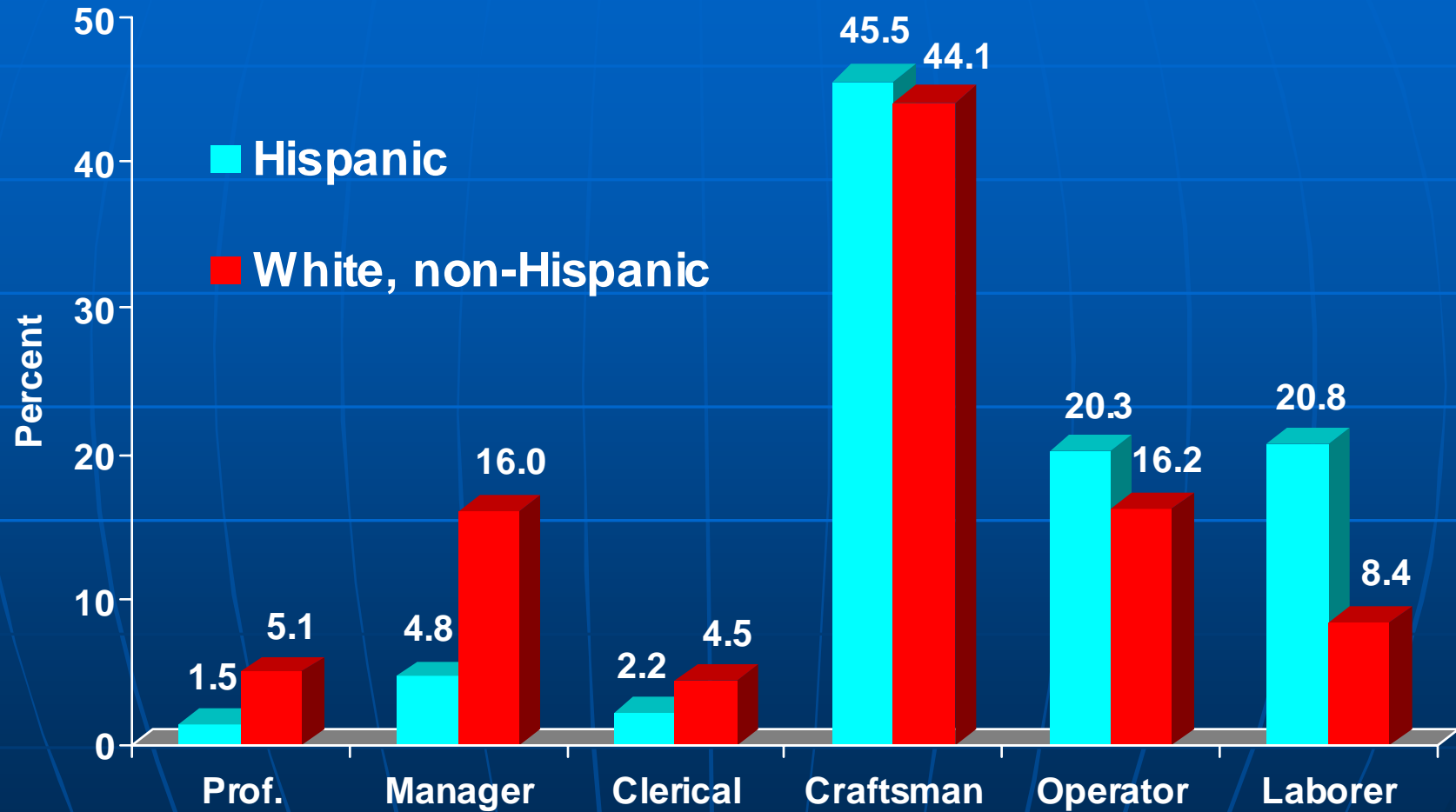
Educational Attainment



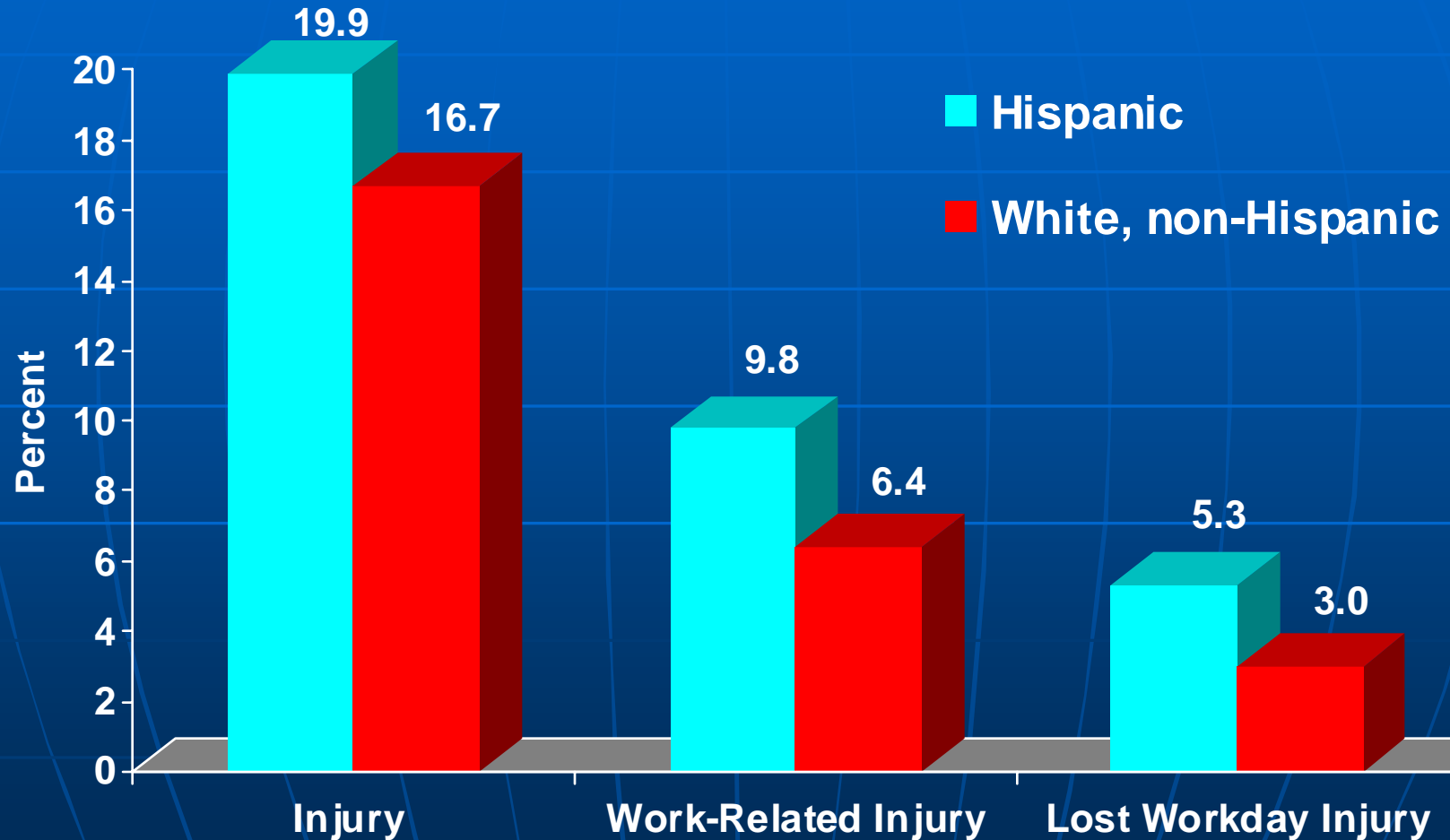
Foreign-born and English Ability Among Hispanic Construction Workers



Occupation



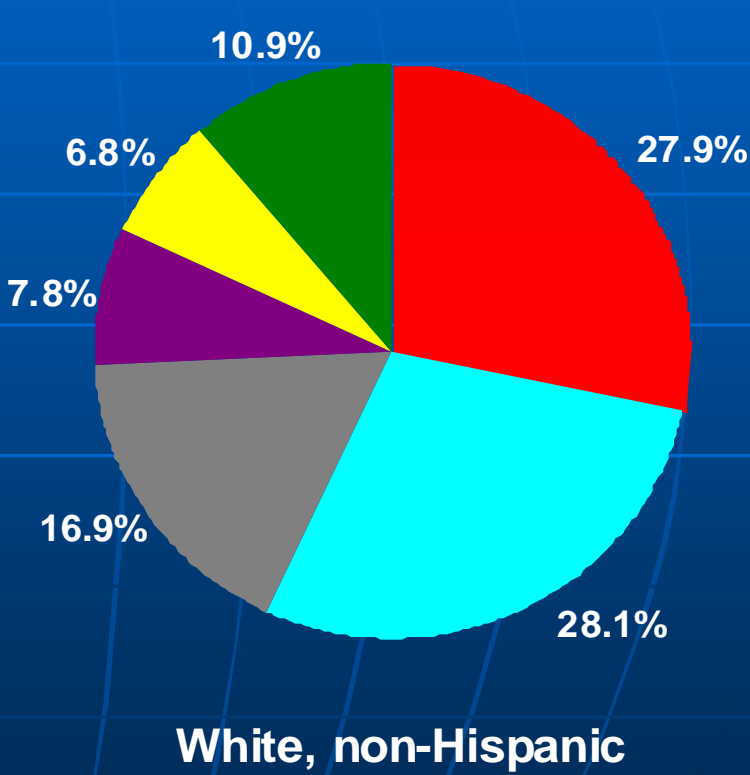
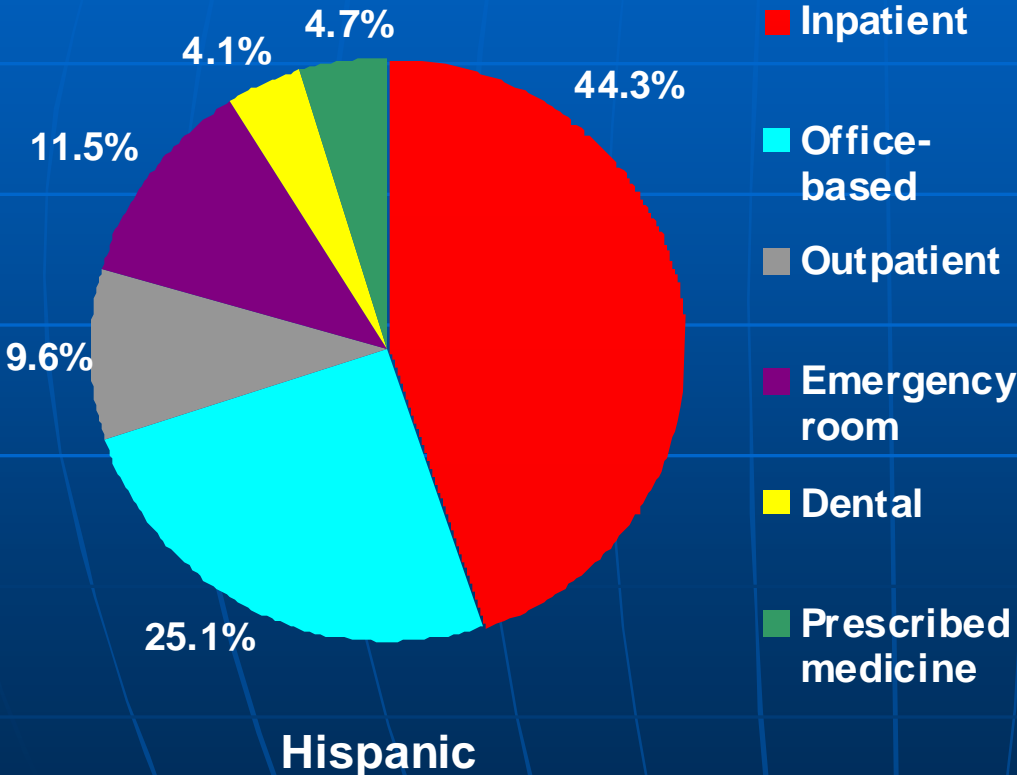
Injury Related Conditions Among Construction Workers



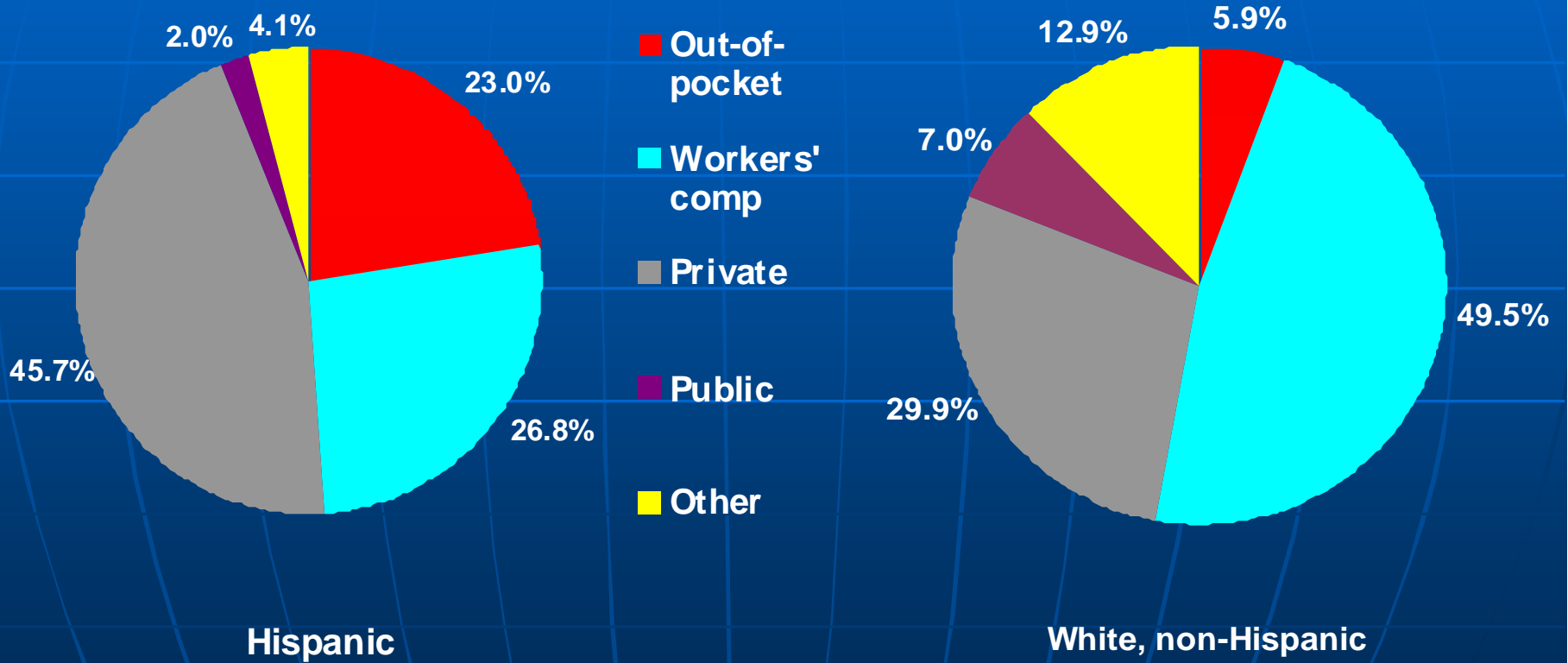
Distribution of Medical Costs of Work-Related Injuries, by Type of Service

Total=\$1,897

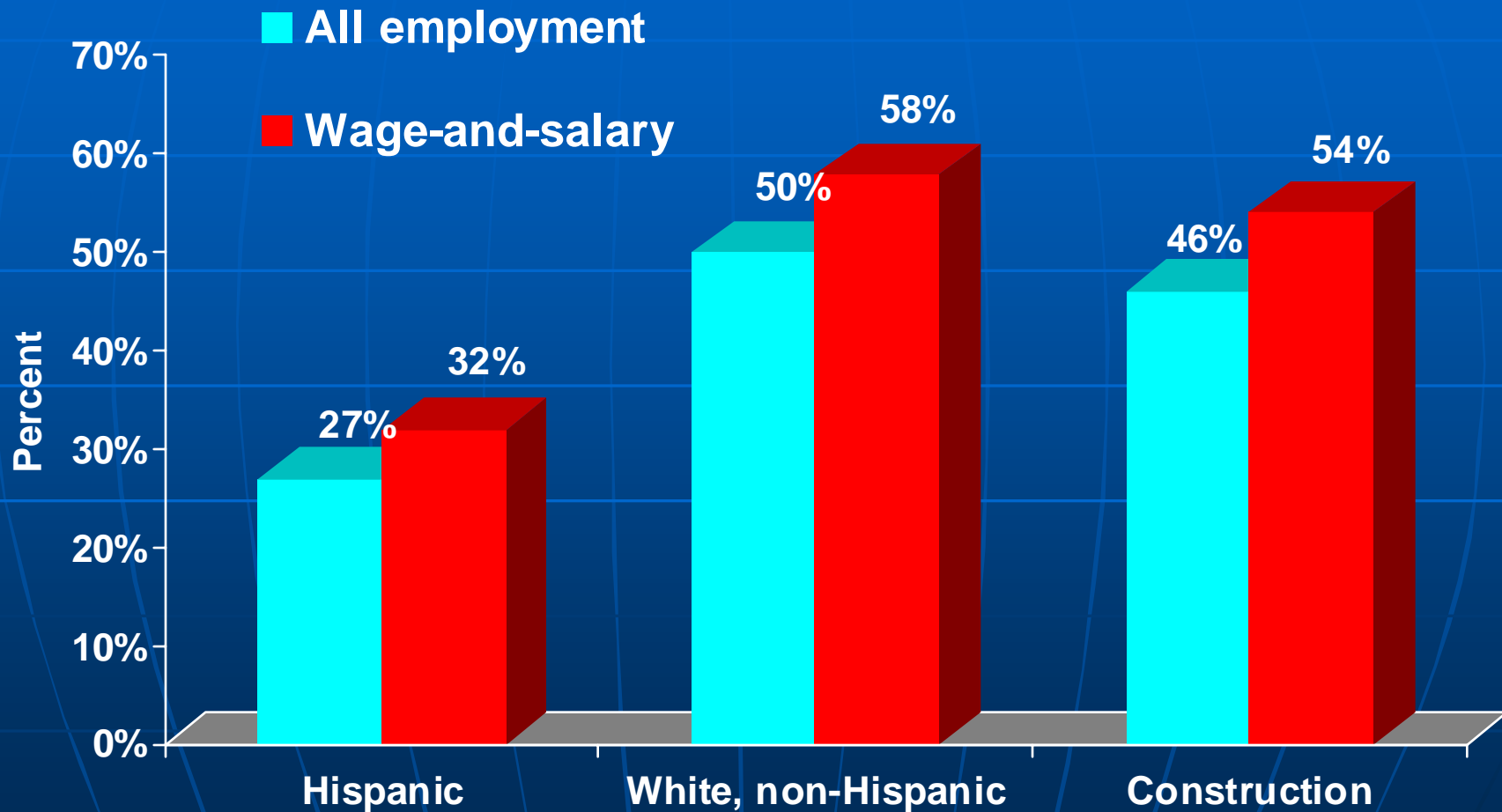
Total=\$1,687



Distribution of Medical Costs of Work-Related Injuries, by Source of Payment



Workers' Compensation Payment for Medical Costs of Work-Related Injuries



Summary and Conclusion

- Hispanic construction workers have a higher work-related injury rate than their white, non-Hispanic counterparts
- Injured Hispanic construction workers are more likely to use emergency room and inpatient services, but less likely to use prescribed medicine when compared with white, non-Hispanic workers
- Only 27% of medical costs for work-related injuries among Hispanic construction workers were paid for by workers' compensation, much lower than 50% for white, non-Hispanic workers
- An urgent need to reform the current workers' compensation system to reduce burden shifted to injured workers and society

Thanks!

Questions?

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