Cancer Among Hispanics in New Mexico, 1981-2009

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A Very Brief History of Hispanics in New Mexico...

- 1598: Province of New Spain
- 1610: Santa Fe becomes capital of New Spain
- 1680: Pueblo Revolt
- 1821: Territory of Mexico
- 1850: US Territory
- 1912: US Statehood
Current Facts...

The majority of the population in New Mexico is Hispanic

• 40.5% Non-Hispanic White
• 46.5% Hispanic

Ranked number 1 in the US for largest percentage of Hispanics in the state

82.8% of Hispanics in New Mexico are native-born

• 60.8% are of Mexican origin
• 36.9% are of “Other” origin (mostly Spanish)

Sources: US Census
Age Distribution by Sex and Hispanic Origin
United States, 2002

Hispanic

9.4%

29 years

Non-Hispanic White

18.3%

47 years

Note: Each bar represents the percent of the Hispanic (non-Hispanic White) population who were within the specified age group and of the specified sex.

Socioeconomic Status and Health Screening in New Mexico

Sources: US Census and BRFSS
Lifestyle and Health Factors

Sources: BRFSS
Top 10 Cancers: Males, 2005-2009

Incidence Rate per 100,000 (US 2000 Standard)

- **Prostate**: Non-Hispanic White 155.0, Hispanic 124.8
- **Colon and Rectum**: Non-Hispanic White 47.0, Hispanic 47.4
- **Lung and Bronchus**: Non-Hispanic White 67.1, Hispanic 40.1
- **Liver and Intrahepatic Bile Duct**: Non-Hispanic White 8.4, Hispanic 20.1
- **Kidney and Renal Pelvis**: Non-Hispanic White 14.5, Hispanic 19.3
- **Urinary Bladder**: Non-Hispanic White 34.7, Hispanic 15.7
- **Non-Hodgkin Lymphoma**: Non-Hispanic White 22.7, Hispanic 15.0
- **Stomach**: Non-Hispanic White 7.6, Hispanic 15.0
- **Pancreas**: Non-Hispanic White 12.2, Hispanic 12.6
- **Leukemia**: Non-Hispanic White 18.7, Hispanic 11.6

* denotes significant difference.
Top 10 Cancers: Females, 2005-2009

Incidence Rate per 100,000 (US 2000 Standard)

- Breast: 129.5 (Non-Hispanic White), 93.1 (Hispanic)
- Colon and Rectum: 34.6 (Non-Hispanic White), 35.5 (Hispanic)
- Lung and Bronchus: 48.8 (Non-Hispanic White), 27.6 (Hispanic)
- Thyroid: 22.5 (Non-Hispanic White), 18.9 (Hispanic)
- Corpus and Uterus, NOS: 22.7 (Non-Hispanic White), 17.7 (Hispanic)
- Non-Hodgkin Lymphoma: 15.8 (Non-Hispanic White), 12.8 (Hispanic)
- Kidney and Renal Pelvis: 8.1 (Non-Hispanic White), 10.8 (Hispanic)
- Pancreas: 9.3 (Non-Hispanic White), 10.4 (Hispanic)
- Ovary: 13.0 (Non-Hispanic White), 10.1 (Hispanic)
- Cervix Uteri: 7.1 (Non-Hispanic White), 9.5 (Hispanic)

Rate per 100,000 (US 2000 Standard)

Year of Diagnosis

NHW: Incidence  H: Incidence  NHW: Mortality  H: Mortality
Trends in Incidence and Mortality Rates
Prostate Cancer, 1981-2009

Rate per 100,000 (US 2000 Standard)

Year of Diagnosis

Trends in Incidence Rates Colorectal Cancer, 1981-2009
Trends in Mortality Rates
Cancer of the Lung and Bronchus, 1981-2009
Trends in Incidence and Mortality Rates
Cancer of the Liver and Intrahepatic Bile Duct, 1981-2009
Trends in Incidence and Mortality Rates
Cancer of the Stomach, 1981-2009
Conclusions

• Overall, cancer incidence is lower among Hispanics than Non-Hispanic Whites

• Culturally-sensitive programs to decrease the burden of cancer:
  – cigarette smoking prevention and cessation
  – healthy diet and increase physical activity
  – breast, cervical and colorectal screening
Thank You!