

Cancer the Next Border Health Threat: Can the Communities Survive It?

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The Cancer Issues

- Impending health disaster on the horizon
- Estimates of the burden of disease may not reflect true status
- Multiple competing priorities at the system, population and individual levels
 - High tech vs. no or low tech
 - Limited health care resources
 - Access, education

The Cancer Issues

● Paradigm shift in cancer treatment

- Medicinal to molecular

- Clinical trials

● Prevention

- HPV Vaccine – Cervical cancer

- Tamoxifen, Raloxifene – Breast cancer

- Health Behaviors

Esperanza y Vida Program

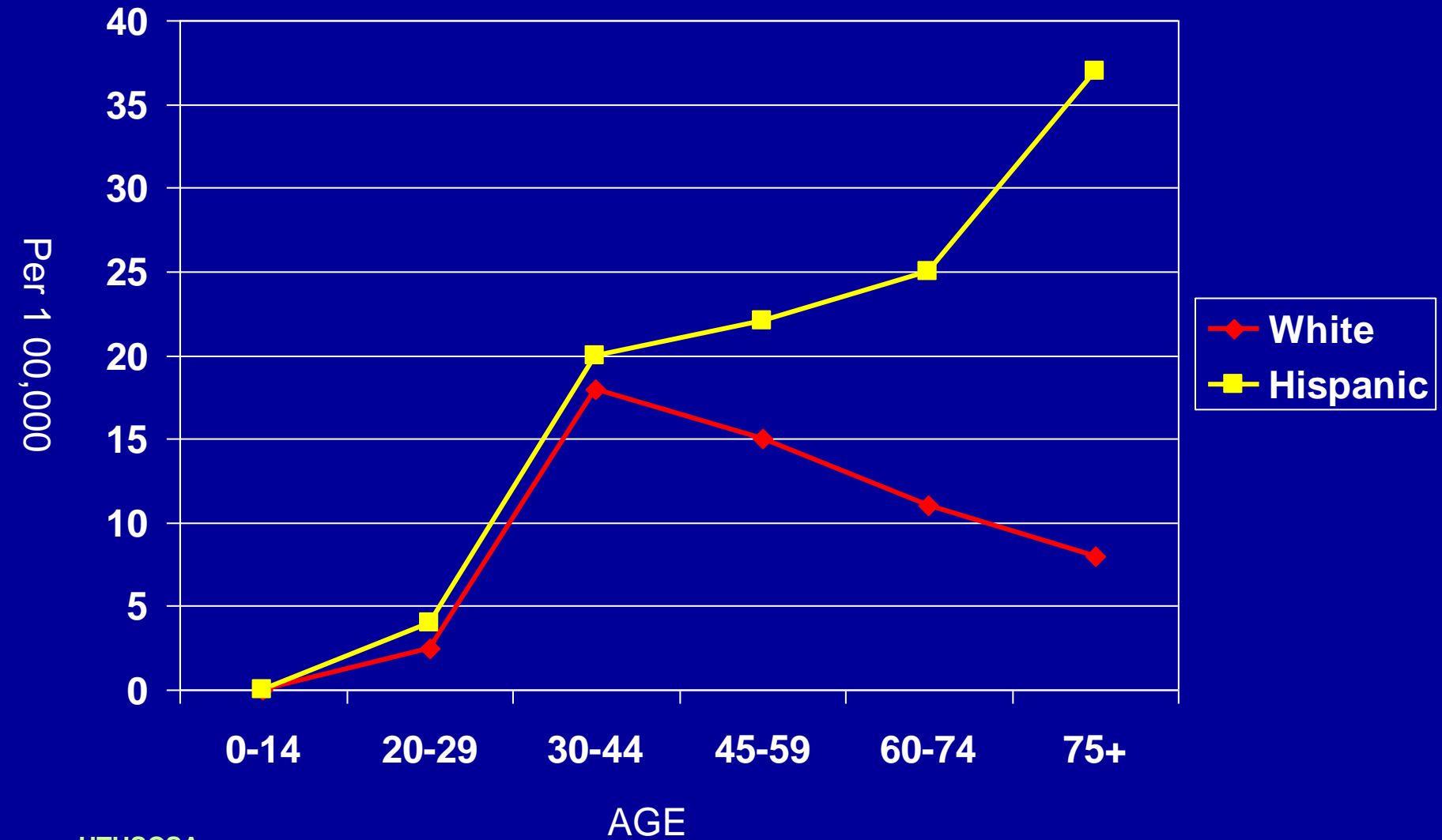
- Breast and Cervical cancer education, screening, diagnosis and *treatment* targeting the woman and the man in her life
- Underserved women
- Maverick, Webb, Nueces, Bexar Valverde (2010) counties
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The Esperanza y Vida Program

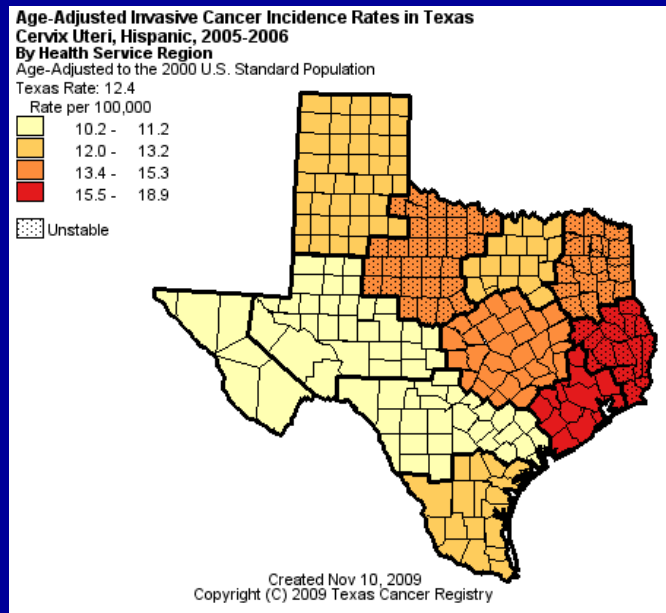
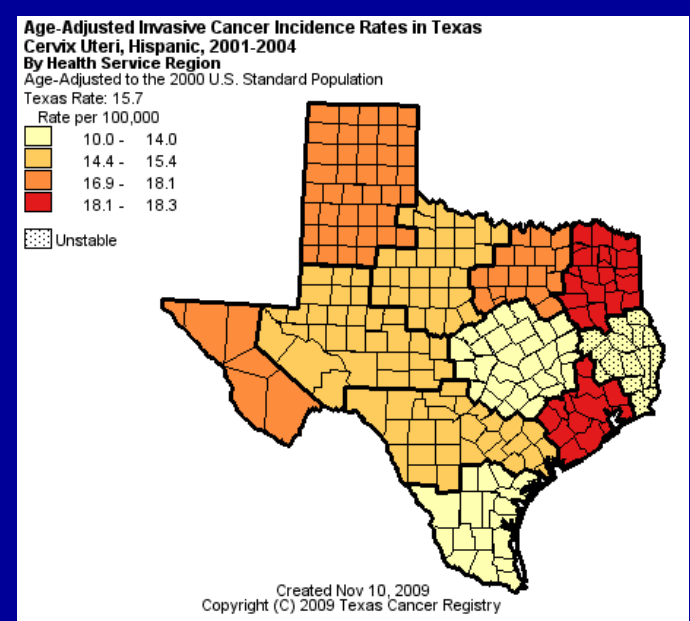
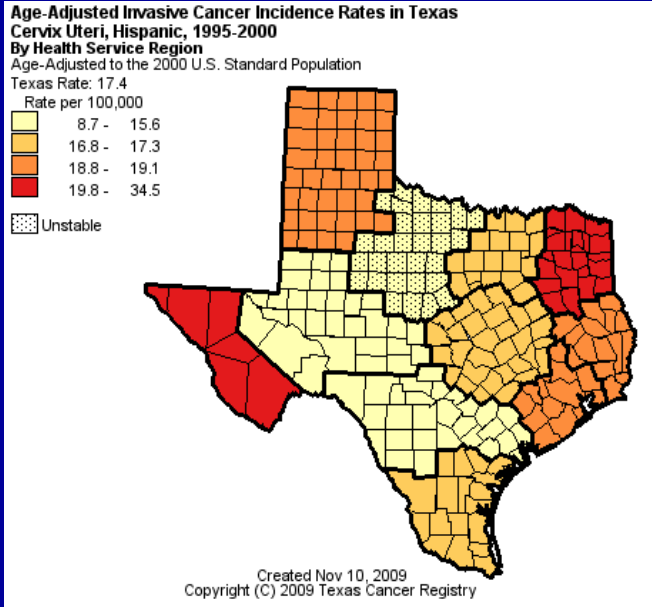
- Community Based Participatory Research principles
 - Community + academia in partnership → increased community capacity, leveraged community human and intellectual capital
- Community based empowerment and sustainability

South Texas

Cervical Cancer Incidence in South TX 2000-2004



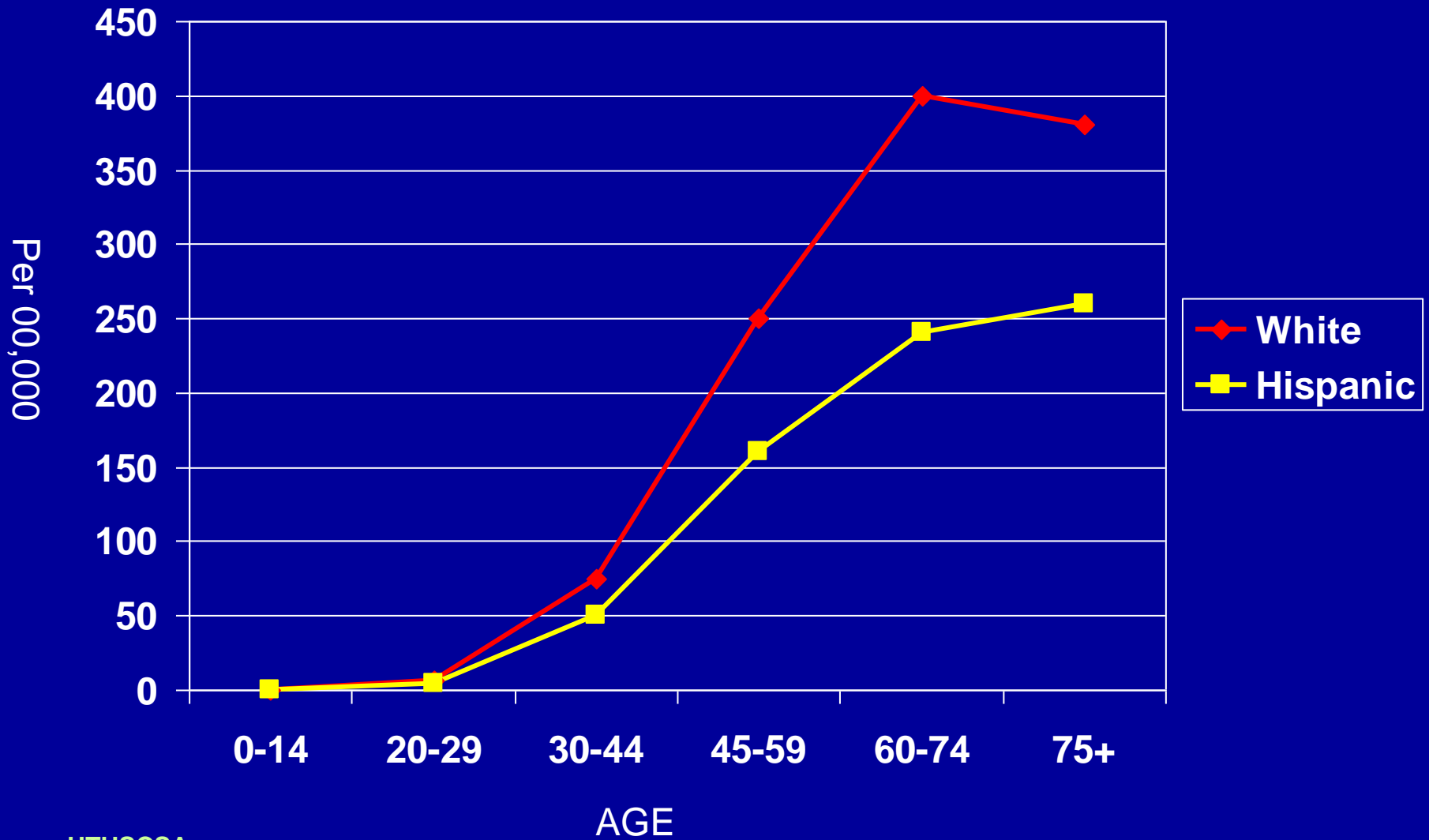
Cervical Cancer Incidence Trends



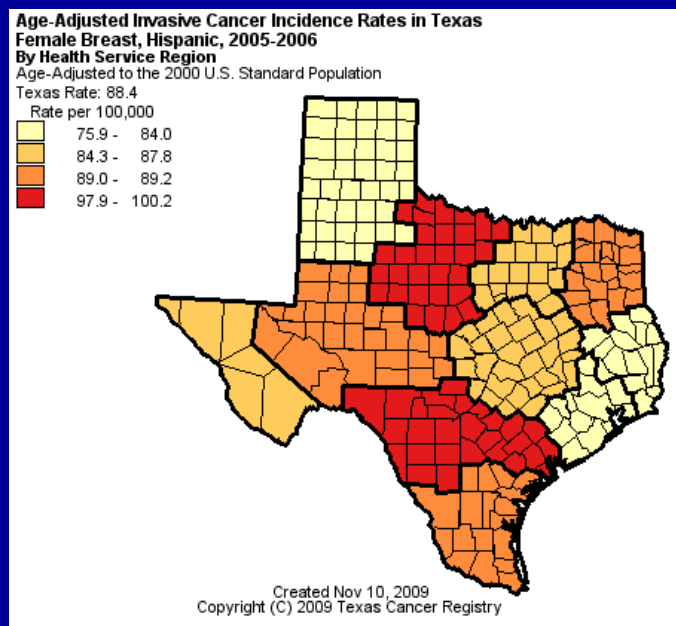
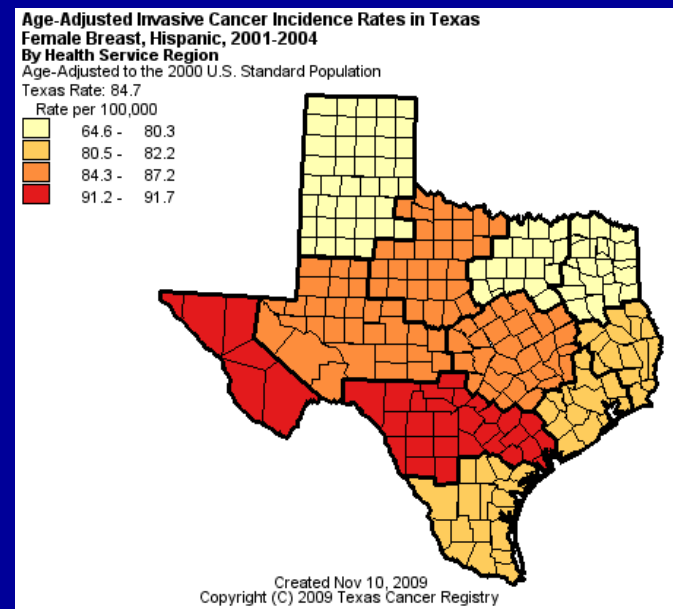
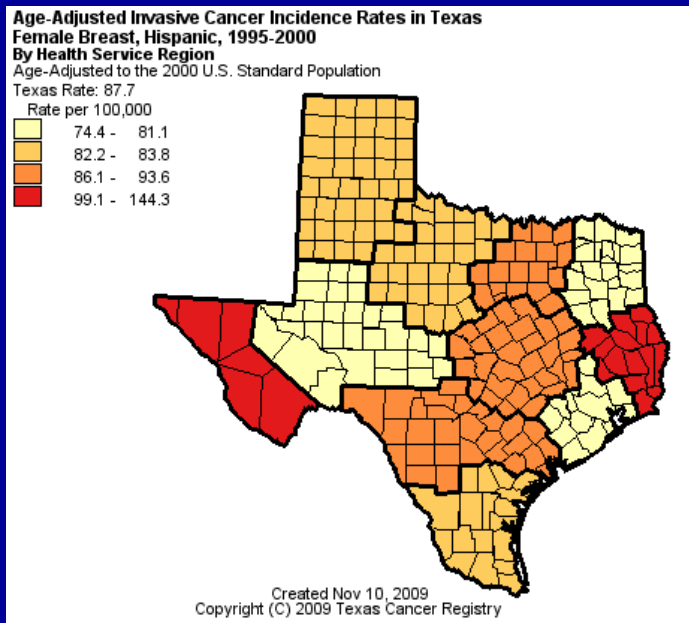
Incidence, Cervical Cancer, 2006

		All		
		Male	Female	Total
TX			8.9(1005)	4.6
MAV			8.4(2)	4.6
VV			9.9(2)	5.1
		NHW		
		Male	Female	Total
TX			8.1(497)	4.2
MAV			106.3(1)	65.3
VV			24.8(1)	10.8
		Hispanic		
		Male	Female	Total
TX			11.3(358)	5.8
MAV			4.5(1)	2.5
VV			6.9(1)	3.6

Breast Cancer Incidence in South Texas 2000-2004



Breast Cancer Incidence Trends



Incidence, Breast Cancer, 2006

		All		
	Male	Female	Total	
TX	1.5	111.3	60.3	
MAV	11.4	58.5	37.6	
VV	0	72.6	38.7	
		NHW		
	Male	Female	Total	
TX	1.6	119.3	64.2	
MAV	0	387.1(3)	146	
VV	0	59.8(4)	28.7	
		Hispanic		
	Male	Female	Total	
TX	0.7	88.3	46.9	
MAV	12.6(2)	47.9(11)	32.3	
VV	0	76.7(15)	42.2	

TEXAS MEXICO BORDER

● If the Texas Border were the 51st state, it would rank:

- 1st in poverty
- 1st in poverty among school children
- 5th in unemployment
- 1st in death rate from diabetes

● In 2005, Texas ranked:

- 4th in poverty
- 6th in poverty among school children
- 14th in unemployment
- 3rd in diabetes mortality

Why Maverick County?

IMPLEMENTING ESPERANZA Y VIDA IN MAVERICK COUNTY

- Maverick County is located on the Texas Mexico border
- 120 miles north of Laredo and 140 miles southwest of San Antonio
- **Eagle Pass** is the county seat
- Population: 22,413
- Second poorest county in the state

Maverick County Hospital District

- One of 25 hospital districts in the state of Texas
 - Created by the Texas Legislature in 1965
- Mission: To provide Indigent care to the residents of Maverick County
 - Provides financial assistance to the uninsured or underinsured to qualifying clients
 - Program removes a major barrier to treatment
- Operates a Physician Specialty Clinic
- Host agency for Southwest Border AHEC

MAVERICK COUNTY HOSPITAL DISTRICT

- Don Spaulding, ex-CEO of MCHD, managed the indigent program in 2006.
 - Patients diagnosed with breast or cervical cancer are referred to the OB/GYN who is an employee of MCHD. The specialist can provide the treatment –cryosurgery, LEEP, breast biopsy– without the patient having to worry about the cost as long as they qualify for the program
- The FQHC in the past (prior to the indigent program) had to refer the patient out of town for services.

Determinants of Participation

- Invitation by community
- Community assessment
- Resources for un-, underinsured women
 - Indigent program – Don Spaulding
 - BCCCP program
- Engaged strategy to provide care for women who are diagnosed with cancer
- Partnership potential

Determinants

🌐 Academic resources

- 🌐 Community partner – academic investigator
CROSS training

🌐 Iterative Process not an event

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Thank You!