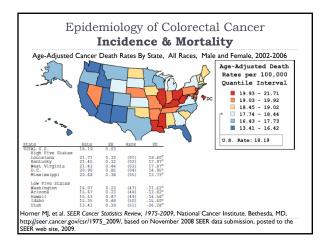


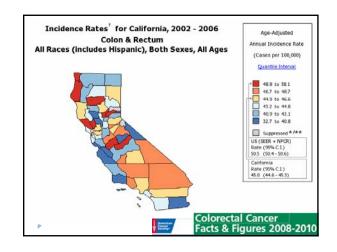


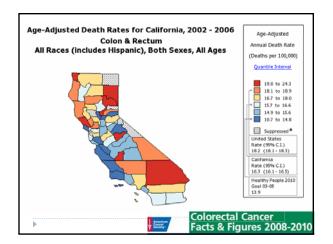
Conclusions:

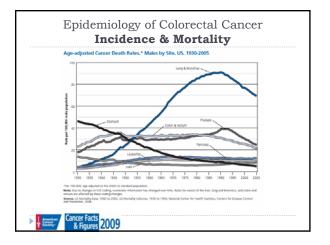
- CRC incidence is highest in newly economically developed countries (e.g. Czech Republic and Slovakia) and in Ionstanding economically developed countries (Japan, Australia, Western Europe and North America).
- Decreasing colorectal cancer mortality rates in some countries reflect systematic colorectal cancer screening and/or improved treatment.
- 3. The increasing prevalence of obesity and decreasing physical activity in many parts of the world, resulting from "Westernization," will likely continue to contribute to the growing international colorectal cancer burden if these behaviors are not modified.

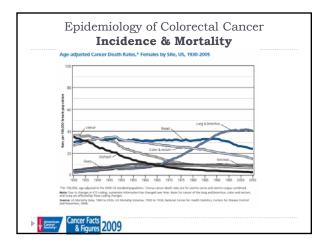
Center MM, et al. Worldwide Variations in Colorectal Carcinoma. CA Cancer J Clin 2009;59:366-378.



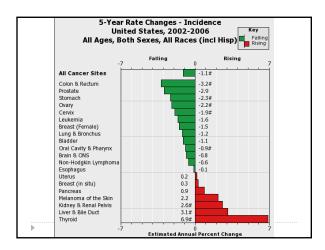


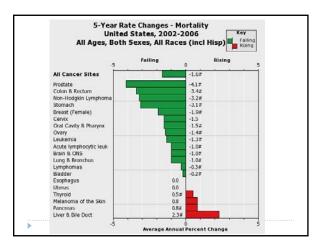


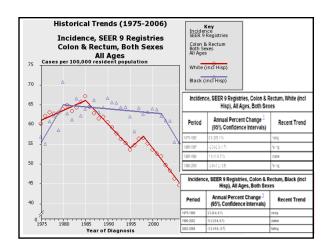


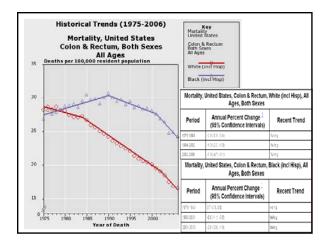


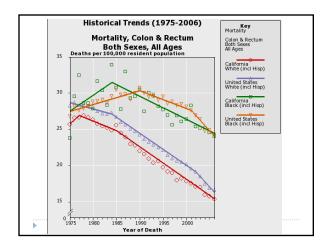
Incidence & Mortality The joinpoint trend in US cancer mortality with associ APC(%) for cancer of the colon and rectum between 1 2006	
All Races	
Male and Female Male Female	
Trend Period Trend Period Trend Per	riod
-0.5* 1975-1984 -0.1 1975-1984 -1.0* 1975-	-1984
-1.7* 1984-2001 -1.4* 1984-1990 -1.8* 1984-	-2001
-3.4* 2001-2006 -2.0* 1990-2002 -3.4* 2001-	-2006
-3.9* 2002-2006	







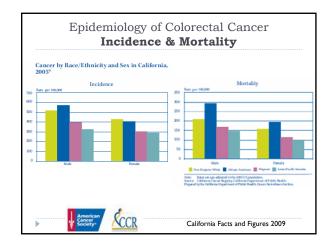


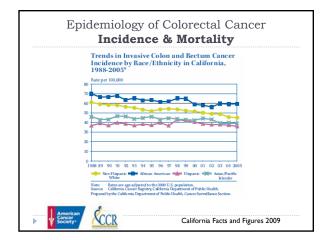


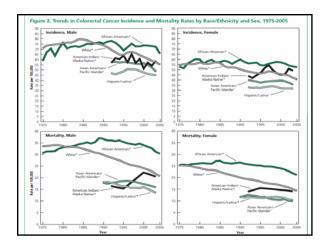
Incidence Rates by Race			
Race/Ethnicity	Male	Female	
All Races	57.3 per 100,000 men	42.8 per 100,000 women	
White	56.9 per 100,000 men	42.1 per 100,000 women	
Black	69.3 per 100,000 men	53.5 per 100,000 women.	
Asian/Pacific Islander	46.9 per 100,000 men	34.6 per 100,000 women	
American Indian/Alaska Native ª	43.1 per 100,000 men	41.2 per 100,000 women	
Hispanic <sup>6</sup>	46.3 per 100,000 men	32.2 per 100,000 women	

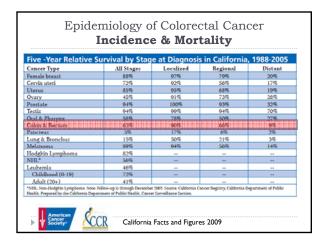
Incidence & Mortality				
All Races	21.9 per 100,000 men	15.4 per 100,000 women		
White	21.4 per 100,000 men	14.9 per 100,000 womer		
Black	31.4 per 100,000 men	21.6 per 100,000 women		
Asian/Pacific Islander	13.8 per 100,000 men	10.0 per 100,000 women		
American Indian/Alaska Native ª	20.0 per 100,000 men	13.7 per 100,000 womer		
Hispanic <sup>b</sup>	16.1 per 100,000 men	10.7 per 100,000 womer		

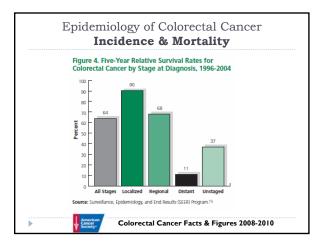
Horner MJ, et al. SEER Cancer Statistics Review, 1975-2009, National Cancer Institute. Bethesda, MD, http://seer.cancer.gov/csr/1975\_2009/, based on November 2008 SEER data submission, posted to the SEER web site, 2009.

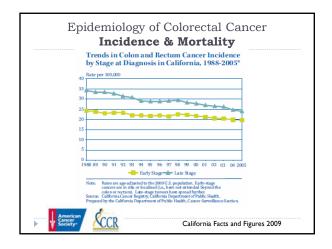


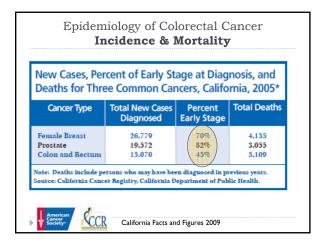


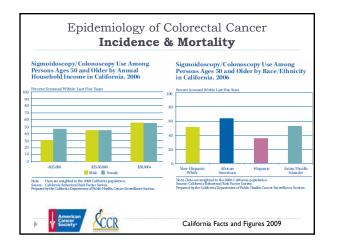


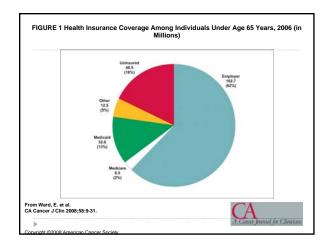


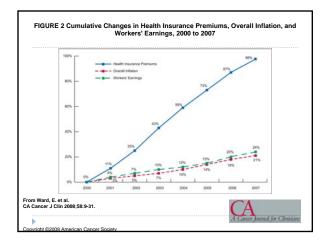


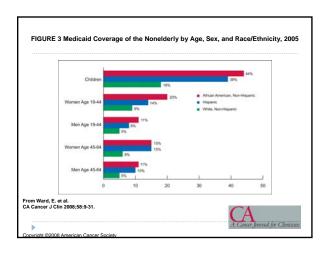


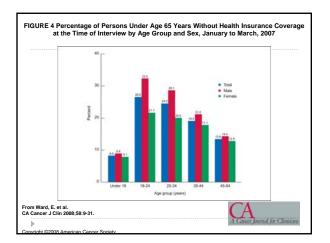


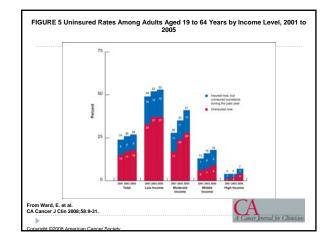


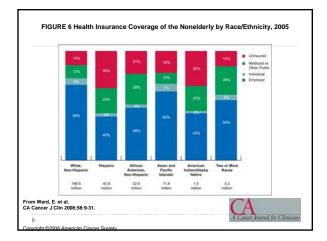


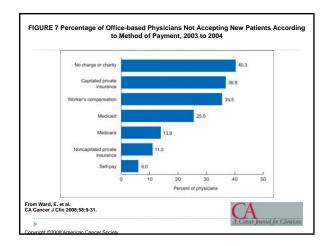






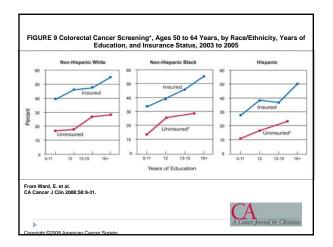


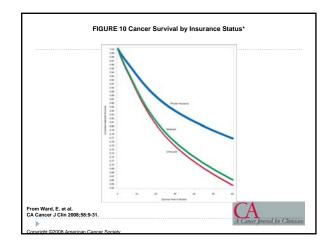


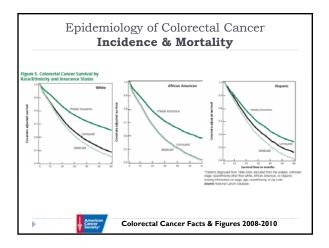


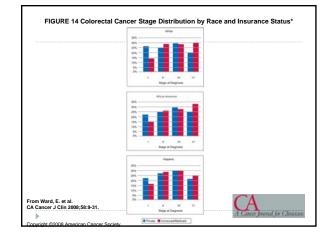
Proportion (%)	All	Private	Medicaid	Uninsured (at Time of Interview)	Uninsured for >12 Months
Have no usual source of care	18.9	9.9	10.8	53.6	58.7
Did not get care due to cost	8.4	3.8	10.3	22.8	24.4
Delayed care due to cost	10.7	6.1	11.1	25.8	27.1
Did not get prescription drugs due to cost	9.3	4.4	15.2	22.9	23.1
Had no health care visits in the bast 12 months	21.6	16.6	12.5	43.2	49.0
Counseling by a health care provider*					
Smokers advised to quit <sup>+</sup>	58.2	58.1	67.0	50.4	48.2
Dbese adults (BMI>30) advised o lose weight‡	51.7	53.9	51.2	40.3	35.6
nong individuals with at least one healt dults who reported that they were advis illable only in NHIS 2005. dults who reported that they were advis urce: National Health Interview Survey ease Control and Prevention, 2006, 20	ed to quit i ed to contr Public Us	using tobacco b ol or lose weigh	y a health care t by a doctor or	health professional	in the past 12 month

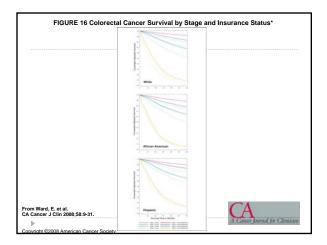
Proportion (%)	All	Private	Medicaid	Uninsured (at Time of Interview)	Uninsured for >1 Months
Women aged 40 to 64 years who had a mammogram in the past 2 years	67.9	74.5	56.1	38.1	32.9
Women aged 18 to 64 years who had a Pap test in the past 3 years	83.6	87.9	82.5	68.0	62.7
Adults aged 50 to 64 years who had a colorectal cancer screening lest*	44.2	48.3	39.6	18.8	14.9
Men aged 50 to 64 years who had a prostate-specific antigen test in the past year	33.5	37.1	20.8	14.0	11.5
Had a fecal occult blood test in the past year o ource: National Health Interview Survey Publi ontrol and Prevention, 2006.					tics, Centers for Dise
om Ward, E. et al. Cancer J Clin 2008:58:9-31.				CA	













There is substantial evidence that lack of adequate health insurance coverage is associated with less access to care and poorer outcomes for cancer patients. As our nation's investments in cancer research provide greater understanding of how to prevent cancer, detect it early, and treat it effectively, access to health care becomes even more important to the goal of eliminating cancer as a major public health problem.

mal for Clin

From Ward, E. et al. CA Cancer J Clin 2008;58:9-31.

Copyright ©2008 American Cancer S

### Access to National Cancer Data Base (NCDB) to Assess and Improve Care

- Nationwide Oncology Outcomes Database For More Than 1400 Hospitals
- >22 Million Cases from 1985 forward
- Most Extensive Data Base Dedicated to Assessing Quality of Care
- Contains Information on 80% of All Newly Diagnosed Cancer Patients
- http://www.facs.org/cancer/ncdb/publicaccess.html

# Access to National Cancer Data Base (NCDB) to Assess and Improve Care

- Robust and Accurate Information Supports
   Clinical investigation
  - Outcomes analysis
  - Establishment of benchmarks
  - Quality improvement initiatives
- Prospective Treatment
- Incidence or recurrence
- Detailed treatment
- Staging

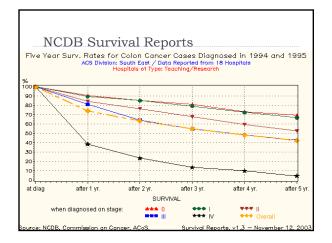
http://www.facs.org/cancer/ncdb/publicaccess.html

#### How Can Your Facility Use the NCDB?

- Compare your facility to other CoC-approved Programs
- > Assess your facility's concordance with standards of care
- Track trends in diagnosis and treatment
- Improve the quality of care at your facility
- Assess quality of cancer registry data
- Participate in national studies to address cancer issues.
- Facilitate Response to Pay-for-Performance requirements.

http://www.facs.org/cancer/ncdb/publicaccess.html



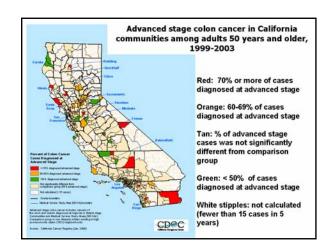




#### Utilizing Cancer Registry Data for Colorectal Cancer (CRC) Control Planning

- Study Goal: Identify/map California areas with excess % of CRC cases dx'd at advanced stage (III and IV).
- Cases: 50,478 CRC cases dx'd 1999-2003, age 50+ (data from California Cancer Registry).
- > Outcome: % of advanced stage CRC dx'd in a community unit relative to a statewide benchmark .
- Community Unit: Medical Service Study Area (MSSA 541 MSSAs in California, average population ~63,000).
- Benchmark: % advanced stage CRC in high-income, non-Hispanic whites statewide (=56%).
- > Results: age-adjusted, tested for statistical significance.

Janet H. Bates, MD, MPH-Jon H. Greif, DO, FACS; Brends Hofer, MA: Marguret E. McCusker MD, MS; Holly Hodges, MPH From the California Dialogue on Cancer (CDDC); Holle Health Institute/California Cancer Registry Sacramento, and Ure Alta Bates Sammir Medical Centers, Ockshan dan Berkeley, CA. Proceedings, Facific Loss Sargical Asia, 2008.



## Utilizing Cancer Registry Data for Colorectal Cancer (CRC) Control Planning • Over 50% of CRC cases are diagnosed at advanced stage, even in the most advantaged groups • I7 high-risk communities identified where more than 70% of CRC cases were diagnosed at advanced stage • These data will be used to establish a statewide agenda for implementing education and CRC screening programs in the highest risk areas and to serve as a baseline for evaluating progress. Manuel H. Bates, MD, MPH; Jon M. Greif, DO, FACS; Brenda Hofer, MA; Margaret E. McCusker MD, MS; Holly Hodges, MPH From the California Dialogue on Cancer (CDOC); Public Health Instituze/California Cancer Registry, Sacramentor, and the Alta Bates Summit Medial Centers, Oxkand and Berkely, CA Proceedings, Pacific Coax Surgical Assn, 2008.



http://cacoloncancer.org/

• SD Academy of Family Physicians presentation dist copy

<u>Nov. 8,2009.ppt</u>