

# Population Based Cancer Registration: Working with Industry Standards to Improve Reporting

National Committee of Vital and Health  
Statistics Testimony

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Warren Williams, MPH  
Health Scientist

Email: [wxw4@cdc.gov](mailto:wxw4@cdc.gov)

Phone: 770 488-3095

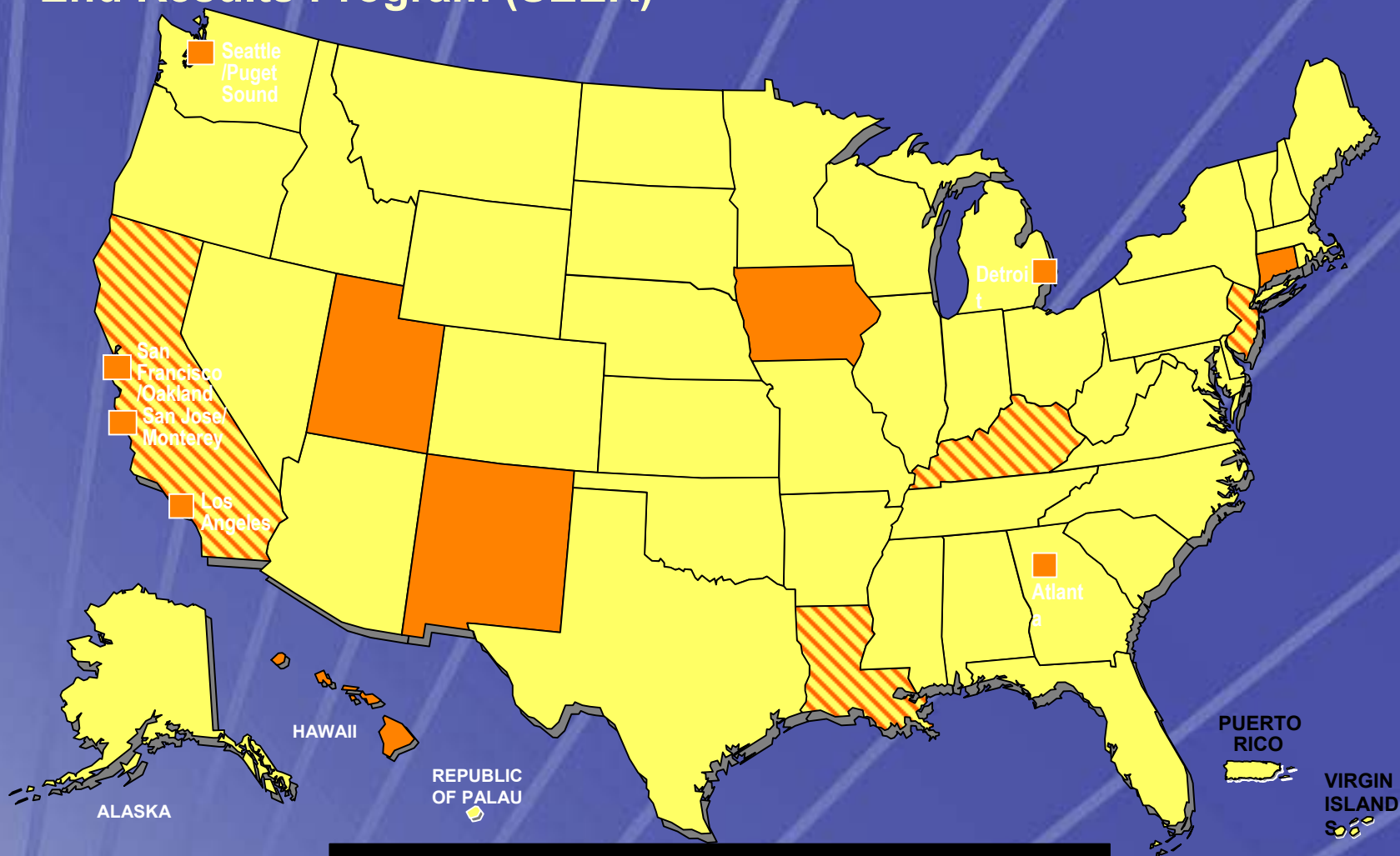


# Cancer Registry Data Uses

- Implementing cancer prevention and control programs.
- Identifying when and where to enhance cancer screening efforts.
- Increasing access to care and evaluating quality of care.
- Reducing the impact of the disease.
- Improving patient outcome and quality of life.
- Developing effective research.



# Federal Cancer Surveillance Programs: CDC's National Program of Cancer Registries (NPCR) and NCI's Surveillance, Epidemiology, and End Results Program (SEER)




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# Typical Data Flow in Cancer Registration





# HL7 Reporting of NAACCR Data: Meeting Report



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Working Toward Implementation of  
HL7 in NAACCR Information  
Technology Standards:  
Meeting Summary Report

<http://www.cdc.gov/cancer/npcr/npcrpdfs/hl7mtg8.pdf>



# Comparison SNOMED vs Current Code (ICD-O) for Site of Cancer: “Gallbladder”

SNOMED

Current ‘site’ code: ICDO-2

<b>T-63000</b>	<b>Gallbladder, NOS</b>	<b>C23.9</b>
<b>T-63000</b>	<b>Cholecystic</b>	<b>C23.9</b>
<b>T-63000</b>	<b>Cholecysto-</b>	<b>C23.9</b>
<b>T-63010</b>	<b>Fundus of gallbladder</b>	<b>C23.9</b>
<b>T-63020</b>	<b>Body of gallbladder</b>	<b>C23.9</b>
<b>T-63030</b>	<b>Neck of gallbladder</b>	<b>C23.9</b>
<b>T-63040</b>	<b>Valve of Heister</b>	<b>C23.9</b>
<b>T-63100</b>	<b>Mucosa of gallbladder</b>	<b>C23.9</b>
<b>T-63110</b>	<b>Mucous gland of gallbladder</b>	<b>C23.9</b>
<b>T-63200</b>	<b>Muscularis of gallbladder</b>	<b>C23.9</b>
<b>T-63300</b>	<b>Serosa of gallbladder</b>	<b>C23.9</b>
<b>T-63310</b>	<b>Subserosa of gallbladder</b>	<b>C23.9</b>
<b>T-63320</b>	<b>Luschka's ducts</b>	<b>C23.9</b>

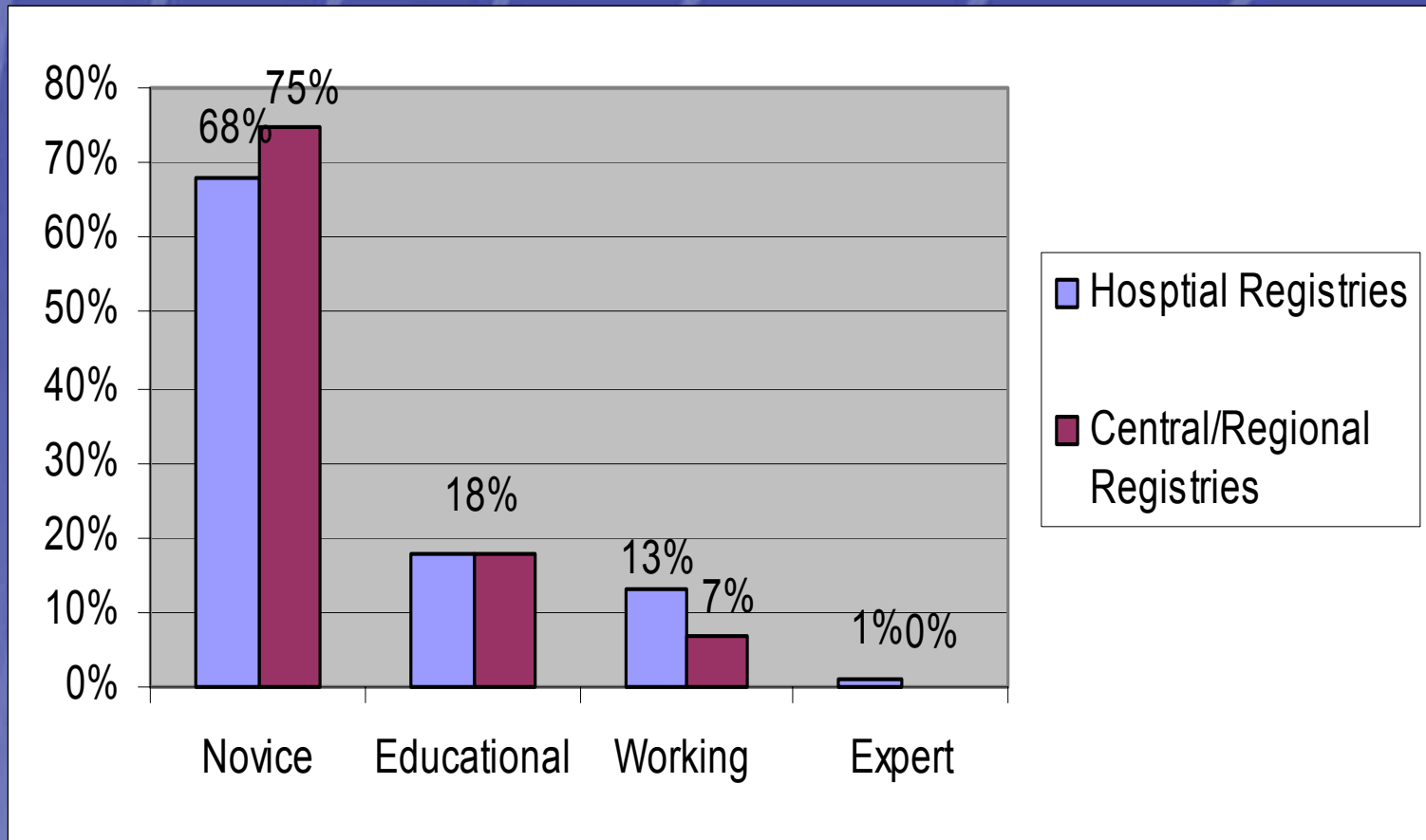


# DCPC Partnerships with Industry Groups

- College of American Pathologists
  - ◆ SNOMED Division
- Regenstrief Institute
  - ◆ LOINC Enhancement



# Current Knowledge Level of SNOMED



Source: Scharber, W., Kennedy, M. "SNOMED® Cancer Registrars Assessments: New Territory" SNOMED Vendor End User Dialog Meeting February 23, 2002



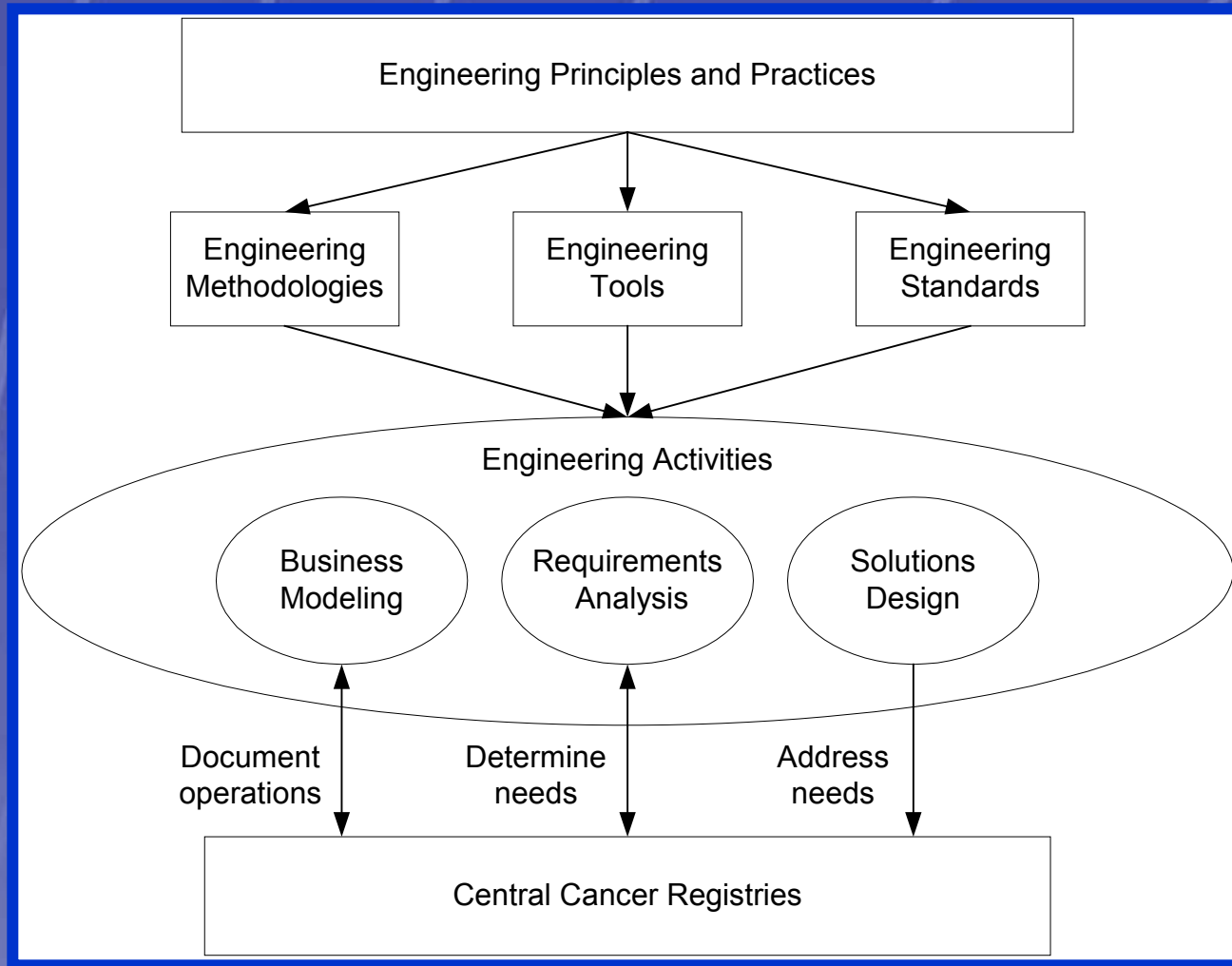


# Featured Cancer Registry Material Supporting NHI

- Daniel Miller, “The Registry Profession of the Future: No More Dinosaurs”, JRM Vol 26:2 1999, pp 45-49.
- Darlene Dale, Jack Golabek, Nelson Chong, “The Impact of E-path Technology on Ontario Cancer Registry Operations”, JRM Vol 29:2 2002, pp 52-56.
- Carolyn Compton, College of American Pathologists Cancer Committee “Reporting on Cancer Protocols” 1998.
- Lillia O’Connor, “Capturing Pathology Reports Our Experience with SNOMED” NPCR Program Directors Meeting, March 6, 2001
- Barry Gordon, “C/NET California HL7 Case finding Pilot” NPCR Program Directors Meeting, March 6, 2001
- Susan Gershman, Warren Williams “Consensus Standards for Cancer Registries Pathology Laboratory Electronic Reporting Recommendations, Supplement to the NAACCR” Volume II Chapter 6. 2000.



# Engineering Approach



# It Will Not be the Cancer Registry Computers!

