

# **The Pacific Center of Excellence in the Elimination of Disparities: Evaluation of a 5 Year Project to Reduce Cancer Disparities in the US Affiliated Pacific Islands**

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**Pacific Center of Excellence in the Elimination of Disparities  
(Pacific CEED)**

**Department of Family Medicine & Community Health  
John A. Burns School of Medicine, University of Hawaii**



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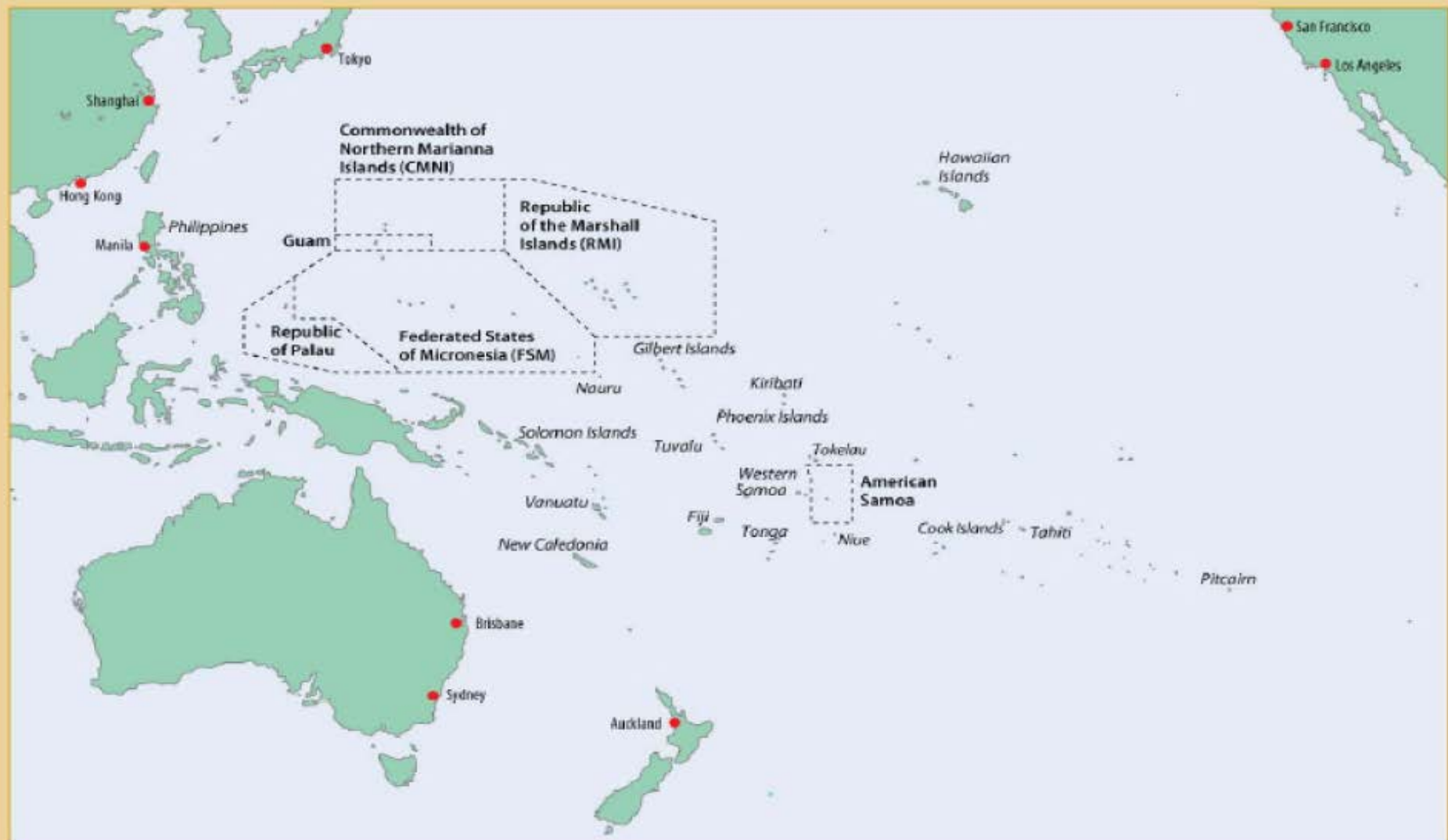
# Authors and Affiliations

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# Background

- **US Affiliated Pacific Islands: Federated States of Micronesia, Commonwealth of the Northern Mariana Islands, Republic of Marshal Islands, Palau, Guam, American Samoa**
- **Cancer 2<sup>nd</sup> most common cause of death**
- **Lack of culturally appropriate preventive services and severe challenges in the health infrastructure**

# Geographic Area



# Pacific CEED Evaluation Framework

## Multi-level evaluation:

- Regional: Pacific Regional Cancer Coalition (Cancer Council of the Pacific Islands) and regional/national partner assessments
- Jurisdiction: Performance Management Plan database for common cancer prevention and control outcomes based on CDC CCC plan objectives
- Local: Legacy and Local project promising practices

# Year 5 Evaluation

- **Local: Complete Legacy and Local projects evaluation –**
  - **Finalize promising practices results and recommendations**
- **Local: Analyze Legacy and Local project sustainability results**

# Year 5 Evaluation

- **Jurisdiction: Collect and analyze data for Performance Management Plan tracking system**
- **Regional: Pacific Regional Cancer Coalition assessment follow up**



# **Year 5: Legacy and Local Project Evaluation**

- **Beginning evaluation of Y4 & Y5 projects – promising practices**
- **Sustainability assessment of Y2 to Y4 projects**

# Purpose of Legacy and Local Project Y4 and Y4 Evaluation

- **Examine USAPI promising practices for toward culturally relevant breast and cervical cancer programs, policies and practices**
- **Add to Y2 and Y3 promising practices results**

# **Purpose of Legacy and Local Project Y2 to Y4 Sustainability Assessment**

- **Help identify strengths and challenges of sustainability of the Pacific CEED Legacy and Local Projects.**
- **These results will help Pacific CEED recommend future sustainability action planning for Legacy and Local Projects and other future local culturally relevant cancer and chronic disease prevention programs for Pacific Islanders.**

# Purpose of Legacy and Local Project Y2 and Y3 Evaluation

- **Examine USAPI promising practices for changes toward culturally relevant breast and cervical cancer programs, policies and practices**



# ***4 Community Assessment Projects in Y2 and Y3***

| <b>Project Title</b>   | <b>Jurisdiction</b> | <b>Year</b> |
|--|---------------------|-------------|
| The role of cultural hierarchy and religion in the Chuukese community: developing culturally relevant cancer education and delivery mechanisms | Guam                | 2008-09     |
| An Investigation of Kosraean Women's Health Seeking Behaviors & Preferences for Health Information Sources                                     | Kosrae              | 2009-10     |
| Exploring Yapese Beliefs on Death and Dying  | Yap                 | 2009-10     |
| COM FSM Chuuk Youth Risk Behavior Survey Training Workshop and Pilot Surveys   | Chuuk, FSM          | 2009-10     |

# 9 *Cancer Prevention and Health Education Projects*

| Project Title   | Jurisdiction   | Year    |
|---|----------------|---------|
| <i>Tasi le Ola</i> (One Life): A 5-part Breast Cancer Prevention Radio Drama  | American Samoa | 2008-09 |
| NCD workshop to Evaluate the first five years strategic Plan and Draft the next 5 years NDC strategic implementation Plan | Palau          | 2008-09 |
| Training on Cancer Affecting Women & Practical Solutions for Early Detection & Information Dissemination Project          | Pohnpei, FSM   | 2008-09 |
| <i>No Woman Left Behind</i> - Enhancing Breast & Cervical Cancer Screening Skills Training                                | Yap, FSM       | 2008-09 |
| Healthy Lifestyles  | RMI            | 2008-09 |

## ***9 Cancer Prevention and Health Education Projects (continued)***

| <b>Project Title</b>   | <b>Jurisdiction</b> | <b>Year</b> |
|--|---------------------|-------------|
| Pohnpei GO LOCAL Community Awareness on Diet and Lifestyle to Help Prevent Cancer                                    | Pohnpei, FSM        | 2009-10     |
| Pilot Program Geared to Develop Culturally Competent Practices against Breast and Cervical Cancer in Kwajalein Atoll | Kwajalein, RMI      | 2009-10     |
| Project LEARN  | Hawaii              | 2009-10     |
| Mutun Alu Program ('entering belief')  | Pohnpei, FSM        | 2009-10     |

# *7 Policy, Advocacy, Systems Change Projects*

| Project Title   | Jurisdiction | Year    |
|---|--------------|---------|
| Mobilization of Micronesian Communities in Hawaii for Health Equity               | Hawaii       | 2008-09 |
| Micronesian Health Advisory Coalition Interpreter/Translator Training             | Hawaii       | 2009-10 |
| FSM Tobacco Policy Project  | FSM          | 2009-10 |
| Guam Breast and Cervical Cancer Early Detection Program                           | Guam         | 2009-10 |
| Pohnpei GO LOCAL Community Awareness on Diet and Lifestyle to Help Prevent Cancer | Pohnpei, FSM | 2009-10 |
| Creation of Cancer Screening Standards for the Republic of the Marshall Islands   | RMI          | 2009-10 |



# Community Partnerships and Collaborations

- Projects were successful in engaging participation in all phases of the projects while maintaining cultural compatibility



# Community Partnerships and Collaborations

**Existing partnerships or the ability to quickly engage interested parties were key to implementation**

- **KKWCA attributed its success to having committed partners prior to commencement of project**
- **Palau's project to establish a College of Health involved partnership building to assess health workforce educational and training needs**

# **Preliminary Results – Y3 & Y4**

## **Legacy and Local Projects**

### **Promising Practices**

**Continued community partnerships and collaborations**

**Projects implemented within existing partnerships and ability to quickly engage interested parties**

- **Projects engaged participation in all phases of the projects while maintaining cultural compatibility**

# **The Performance Management Plan (PMP) online database**

# What is the PMP?

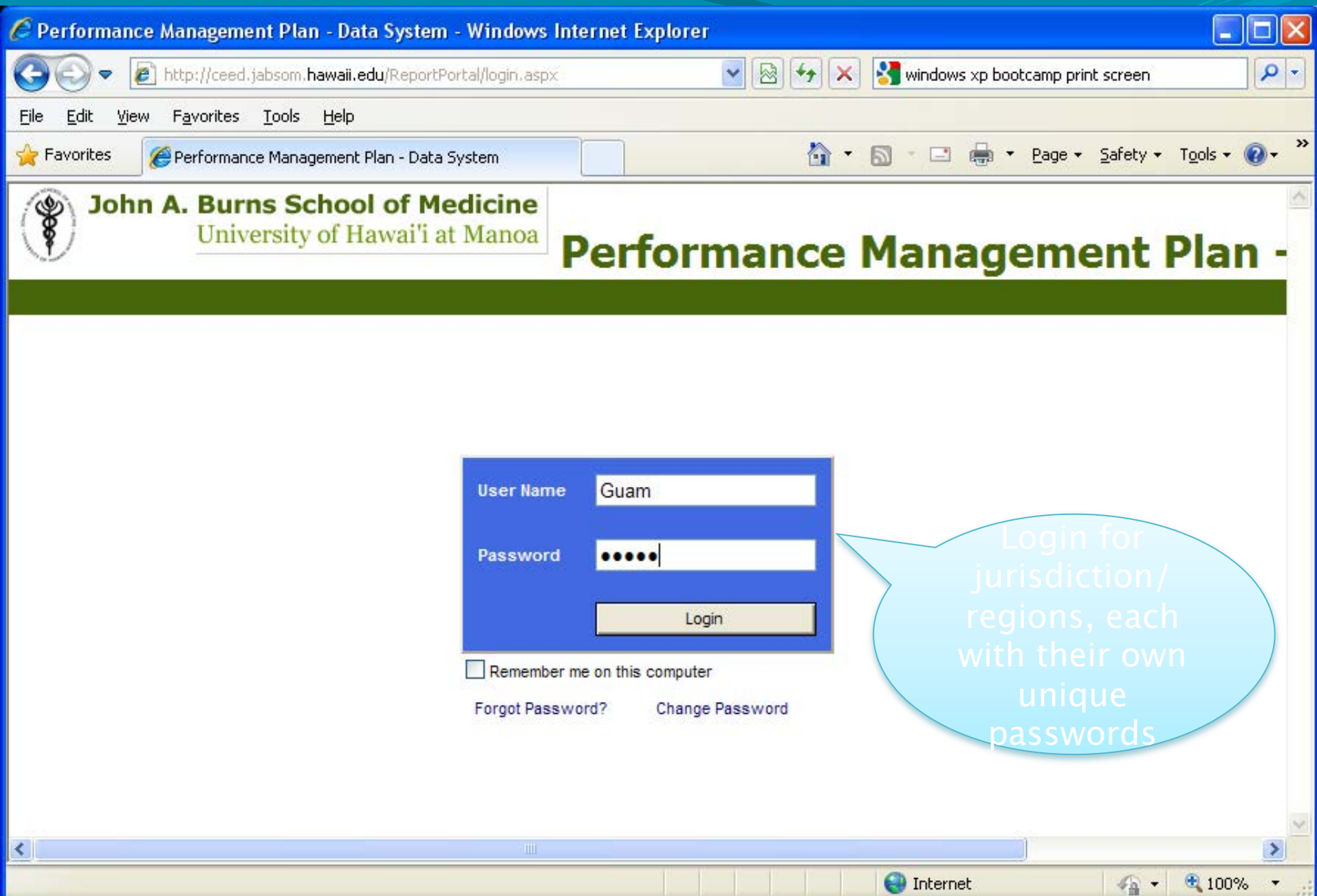
- Online reporting system created pre-formatted data entry forms created by Pacific CEED
- Collect data on common jurisdiction and project level objectives from the CCC work-plans
- Collect data on regional objectives from the Pacific Regional Comprehensive Cancer Control Plan 2007-2012

# What is the Purpose of the PMP?

- Quantitative documentation on progress of regionalism and integration of the Pacific Cancer Projects' contributions and support toward reducing cancer disparities
- Future framework for a standardized reporting system in the Pacific: data collection, analysis, appropriate use

# How Do You Access the Online PMP?


- <http://ceed.jabsom.hawaii.edu/ReportPortal/login.aspx>
- Only accessible with Internet Explorer





# Performance Management Plan - Data System

Territory of Guam Log out



- Year 1
- Year 2
- Year 3
- Year 4
- Year 5

## Jurisdiction - Year 1

Save

**Location and Year**

User Name:  Fiscal Year:

**ENHANCE INFRASTRUCTURE**

Objective 1: By year 5, each USAPI will enhance DOH/MOH resources to facilitate CCC plan implementation.

Number of approved CCC position (full- or part-time) filled:  Total CCC position (full- or part-time) approved:

1a. Percent of approved CCC positions filled (calculated):  [Get More Information](#)

Social Ecological Model:

Policy & Systems

Community

Individual Behavior

in collaboration with other DOH programs or services

[Get More Information](#)

Reports

Jurisdiction

Jurisdiction Report (individual)

Project

Project Report (individual)

Regional

Regional Report (individual)

| Jurisdiction Report (individual)  |        |        |        |        |        |   |
|---|--------|--------|--------|--------|--------|---|
| Jurisdiction  | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |   |
| Year  |        |        |        |        |        |   |
| 1a. # of approved positions filled  |        |        |        |        |        |   |
| 1a. # of approved positions   |        |        |        |        |        |   |
| 1a. Percent of approved positions filled  |        |        |        |        |        |   |
| 1b. # of CCC activities done in collaboration with other DOH programs or services |        |        |        |        |        |   |
| 2a. # of approved CCC positions (full or part-time) filled                        |        |        |        |        |        |   |
| 2a. Total # of CCC positions (full or part-time) approved                         |        |        |        |        |        |   |
| 2a. Percent of approved CCC positions (full or part-time) filled                  |        |        |        |        |        |   |
| 3a. # of CCC members participating in workgroups                                  |        |        |        |        |        |   |
| 3a. Total # of CCC members  |        |        |        |        |        |   |
| 3a. Percent of CCC members actively participating in workgroups                   |        |        |        |        |        |   |
| 3b. Prevention  |        |        |        |        |        | Y |
| 3b. Community Awareness & Outreach  |        |        |        |        |        | Y |
| 3b. Screening/Early diagnosis   |        |        |        |        |        | N |
| 3b. Treatment   |        |        |        |        |        | N |
| 3b. Economics/Insurance   |        |        |        |        |        | Y |
| 3b. Survivorship  |        |        |        |        |        | Y |
| 3b. Palliative Care   |        |        |        |        |        | Y |
| 3b. Quality of Life   |        |        |        |        |        | Y |
| 3b. N/A   |        |        |        |        |        | N |
| 3b. Other-specify   |        |        |        |        |        |   |
| 3b. Total # of active workgroups in the CCC coalition                             |        |        |        |        |        | 6 |
| 3c. Non-Government Organizations  |        |        |        |        |        | Y |
| 3c. Public Health Departments   |        |        |        |        |        | Y |

Expand All Collapse All

Reports

- Jurisdiction
- Jurisdiction Report (individual)**
- Project
- Project Report (individual)
- Regional
- Regional Report (individual)

0 ratings

### Jurisdiction Report (individual)

| Jurisdiction  |   |
|---|---|
| 3c. Public Health Departments   | Y |
| 3c. Individual Citizens   | Y |
| 3c. Business  | N |
| 3c. Faith-based Groups  | N |
| 3c. Traditional Leaders   | N |
| 3c. Policymakers  | N |
| 3c. Public School Systems   | N |
| 3c. Private School Systems  | N |
| 3c. Hospital Services   | Y |
| 3c. Other-specify   |   |
| 3c. Total # of sectors represented in the CCC coalition                     |   |
| 3d. Completed annual assessment(s) of existing/needed resources/partnership | Y |
| 4a. WHO STEPS   | N |
| 4a. Mini-STEPS  | N |
| 4a. Behavioral Risk Factor Surveillance System                              | N |
| 4a. Youth Risk Behavior Survey  | N |
| 4a. Youth Tobacco Survey  | N |
| 4a. Demographic Health Survey   | N |
| 4a. Community Health Survey   | N |
| 4a. Other-specify   |   |
| 4a. N/A   | N |
| 4a. Total # of surveys administered   |   |
| 5a. # of CCC objectives met   |   |
| 5a. # of CCC objectives planned or proposed                                 |   |
| 5a. Percent of CCC objectives met   |   |

# How Can PMP Results Be Used?

- Quantitative documentation on progress of jurisdiction activities toward reducing cancer disparities
- Inform how USAPI jurisdictions are contributing to cancer prevention and control both locally and regionally

# **Year 5: Pacific Regional Cancer Coalition Follow Up Assessment**

- To assess progress and continued potential for regional coalition and partnership building relative to the Regional CCC 5-year Plan 2007-2012 and the regional objectives of the Pacific Cancer Programs.**
- This assessment is a follow up to the initial assessment conducted during the June 2010 CCPI meeting.**
- This assessment fulfills the objectives from the Regional CCC program and Pacific CEED to maintain and sustain coalitions.**

# **Year 5: Pacific Regional Cancer Coalition Follow Up Assessment**

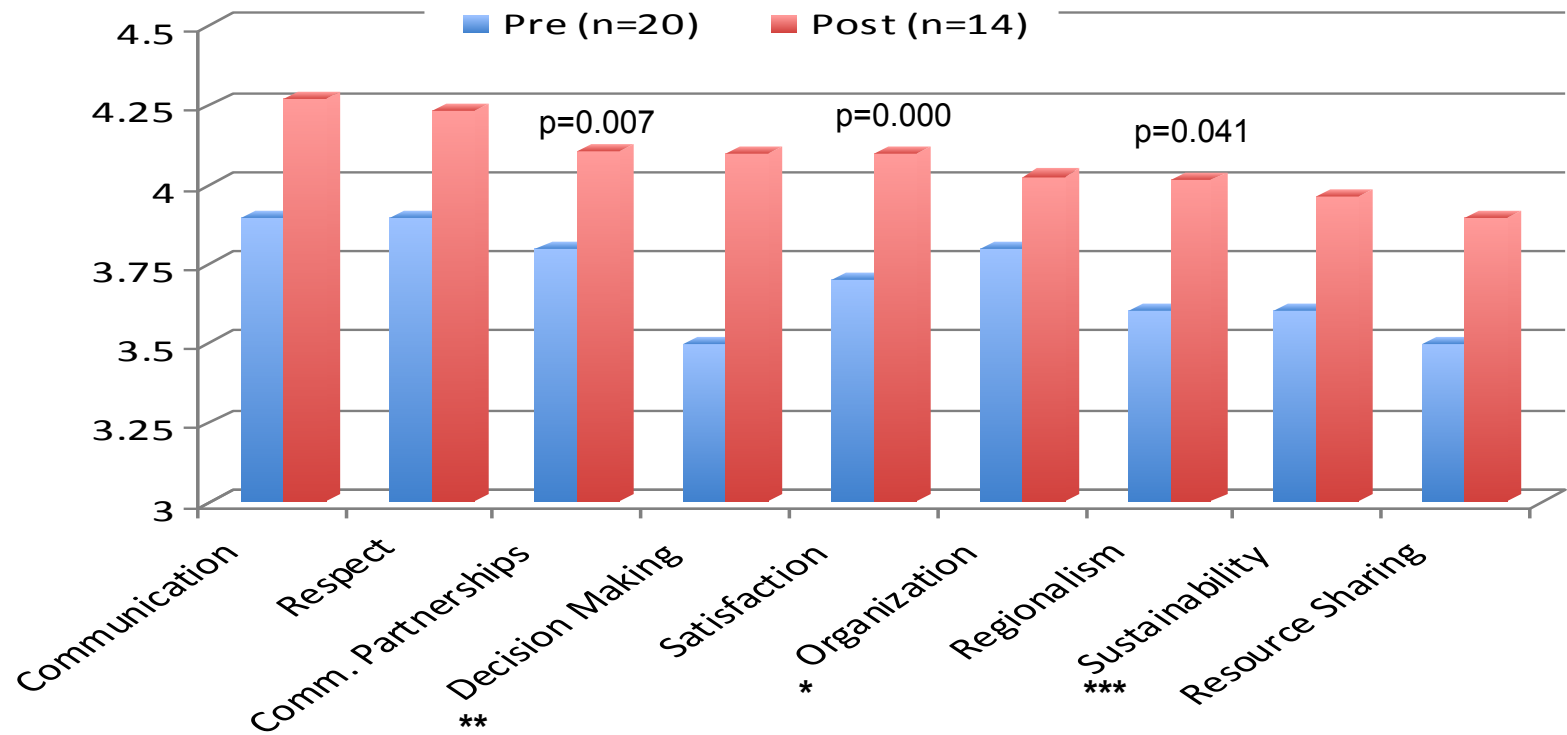
- **Continued increasing positive trend in all internal coalition functioning scores, some statistically significant**
- **Resource sharing still considered a challenge while members are still most satisfied with communication**

# PRCC Assessment Results

## PRCC Characteristics

Scale: 1-5, strongly disagree-strongly agree

### Self-Assessment Mean Scores



# **Year 5: Pacific Regional Cancer Coalition Follow Up Assessment**

- **Statistically significant increases in “organization” and “decision making” indicate that PRCC members view improvements in the coalition organizational structure**
- **Members also view improvement in its structure and initiatives of the Pacific Regional Cancer Coalition continue beyond the funding period**



# Year 5: Pacific Regional Cancer Coalition Follow Up Assessment

- “Partnership” is defined as “Frequent communication is characterized by mutual trust” (Frey et al., 2006)
- PRCC members indicated their collaboration with other regional cancer prevention and control partners as “partnership”
- Among partners, collaboration with RCCC had the most responses (60.0%, N=7)
- PIHOA was the only partner where some thought that it was in “coordination” - “Frequent communication and defined roles (40%, N=4).

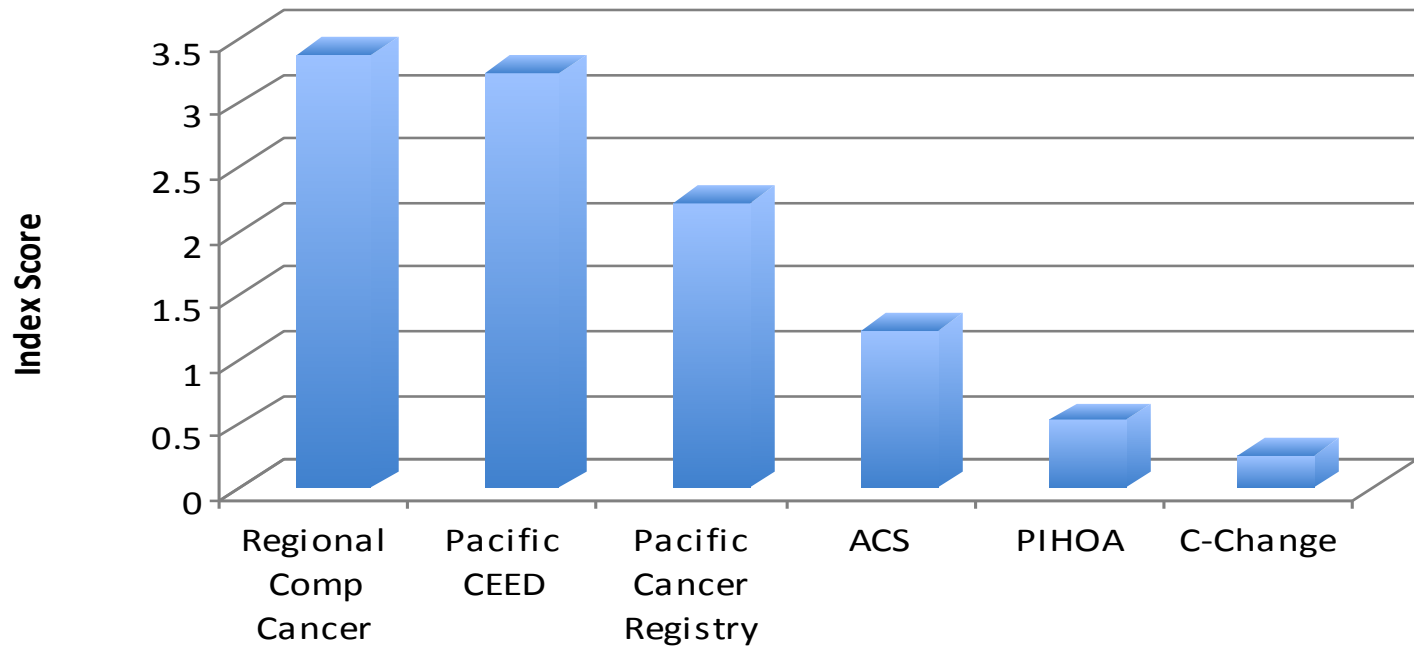
# **Year 5: Pacific Regional Cancer Coalition Follow Up Assessment**

- **Frequency of communication and extent the PRCC thought partners contributed to cancer prevention control was consistent with patterns in levels of collaboration**
- **CDC support partners were more collaborative than non-CDC supported partners**

# Levels of Communication

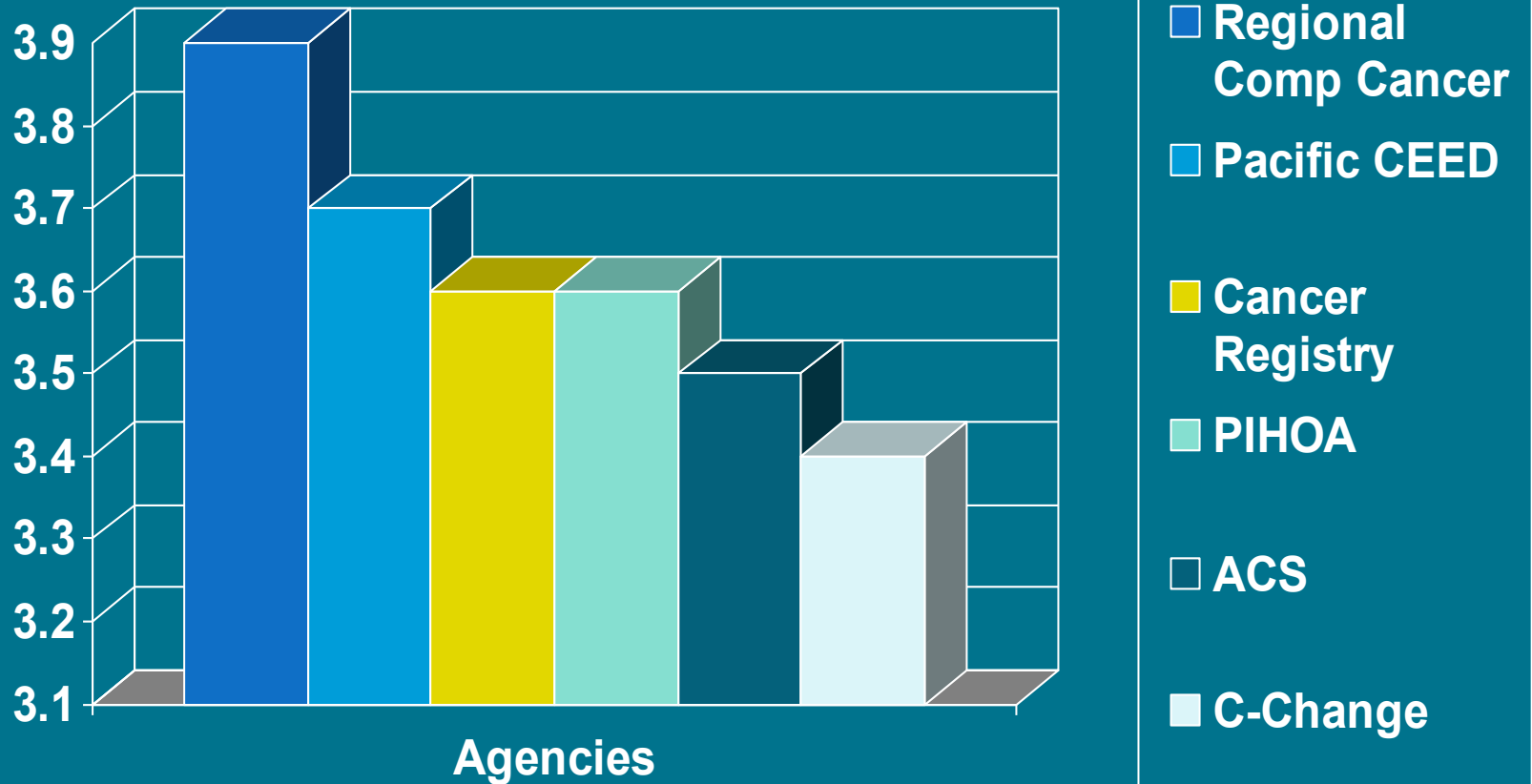
Between PRCC and:

## Contact Frequency (2012)



Index score created from frequency categories: none, yearly, quarterly monthly, weekly, daily

# Contribution to Cancer Prevention and Control Initiatives



0-4 = not at all – very much

# Discussion

- **Evaluation results at each level of implementation – regional, jurisdiction, local—will help explain findings at each level-  
Triangulation**
- **Activities and initiatives at any level are implemented as a direct result of partnerships with supporting structures, i.e., funding**

# Next Steps

- **Gather and analyze jurisdiction level outcomes**
- **Analyze Legacy and Local project results, promising practices, and sustainability**
- **Results will inform the extent a multi-level multi-site initiative contributes to cancer control and prevention in a geographically expansive, resource limited, culturally unique environment**

*Questions  
Comments  
Thank you!*

