

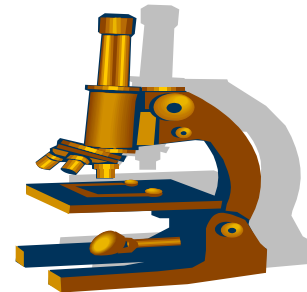


# PIHOA

## Regional Laboratory Activities 2006 - 2007



Presented by  
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# OVERVIEW

- Activities of 2006 – 2007**
- Microbiology Laboratory Assessments**
- Microbiology Testing Capacity in the USAPI**
- Microbiology Enhancement Training**
- RLC Area of Focus**



## Activities of 2006 - 2007

<b>Year</b>	<b>Activity</b>	<b>Site or Labs Involved</b>
2006	<ol style="list-style-type: none"><li>1. IATA Shipping Training 47th edition</li><li>2. Microbiology Lab Assessments</li><li>3. Onsite Microbiology Enhancement Training</li><li>4. PITCA 2006</li><li>5. Leptospirosis Training Workshop</li></ol>	All USAPI  Non-CLIA labs  Palau & GPHL  All USAPI New Caledonia



# Activities of 2006 – 2007 (cont'd)

<b>Year</b>	<b>Activity</b>	<b>Site or Labs Involved</b>
2007	<ol style="list-style-type: none"><li data-bbox="407 619 1043 758">1. IATA Shipping Training 48th edition</li><li data-bbox="388 848 1249 1062">2. American Society of Clinical Pathology (ASCP) Workshop</li></ol>	Chuuk, CNMI, GPHL  San Francisco, CA

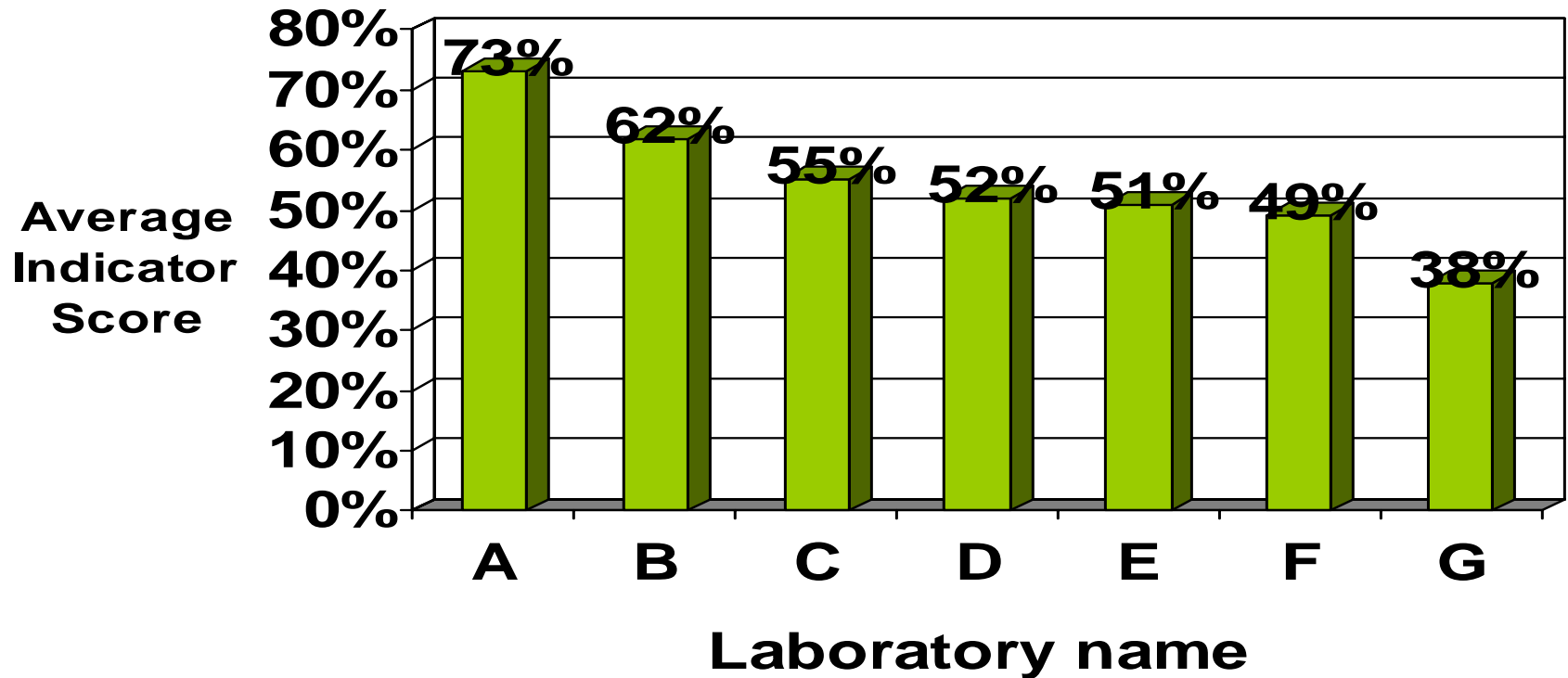


# Microbiology Laboratory Assessments

## Summary of Findings for Non-CLIA Laboratories

- FSM Labs – Chuuk, Pohnpei, Kosrae, Yap
- RMI Labs – Ebeye, Majuro
- Palau

### Overview of Scores Obtained

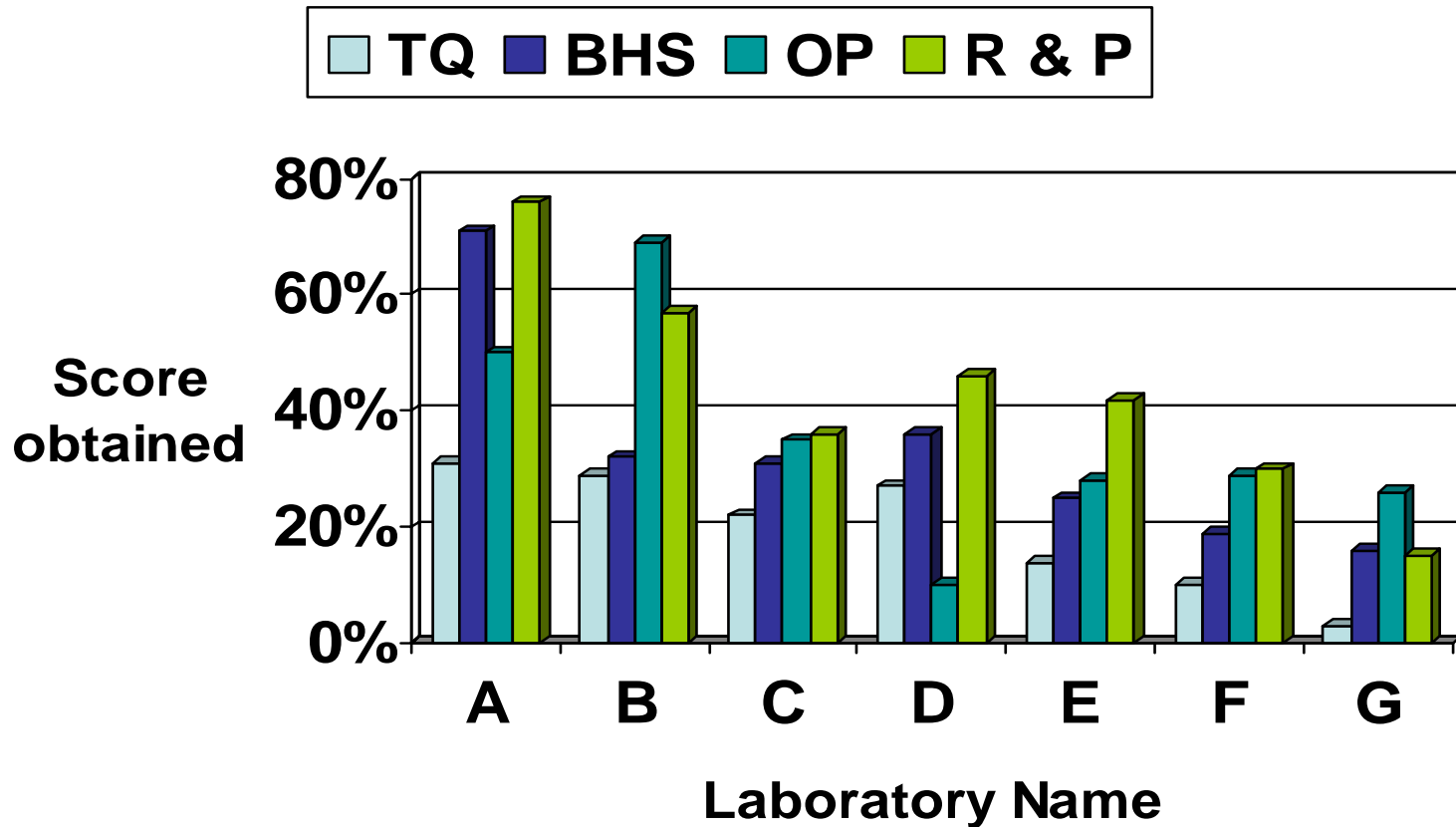




# Microbiology Laboratory Assessments (cont'd)

## Summary of Findings for Non-CLIA Laboratories

### Major Areas of Attention in Microbiology





# Microbiology Testing Capacity in the USAPI

TARGET DISEASE	A/Samoa	CNMI	GPHL
Dengue	X	X	■
Influenza	X	X	■
Leptospirosis	■	X	■
Measles	X	X	■
Rubella	■	X	■
Tuberculosis	■	■	■
HIV	■	X	■
Chlamydia	■	■	■
Syphilis	■	RPR - ■ TPPA - X	■
Gonorrhea	■	■	■
Typhoid	■	■	X
Cholera	■	■	X
Agents of BT	X	X	X

## Key

■ - Test is available

X - Test not available



## Microbiology Testing Capacity in the USAPI (cont'd)

Target Disease	Chuuk	Pohnpei	Kosrae	Yap
Leptospirosis	X	■	X	X
Dengue	X	X	X	X
Rubella	X	X	X	X
Measles	X	X	X	X
Influenza	X	X	X	X
Tuberculosis	■	■	■	■
Chlamydia	■	■	■	■
HIV	■	■	■	■
Syphilis	■	■	■	■
Gonorrhoea	X	■	■	■
Typhoid	X	■	■	■
Cholera	X	■	■	■
Agents of BT	X	X	X	X



## Microbiology Testing Capacity in the USAPI (cont'd)

TARGET DISEASE	Palau	Majuro	Ebeye
Dengue	X	X	X
Leptospirosis	X	■	X
Rubella	X	X	X
Measles	X	X	X
Influenza	■	X	X
Tuberculosis	■	■	■
HIV	■	■	■
Chlamydia	■	■	■
Syphilis	■	■	■
Gonorrhoea	■ Gram stain only	■	■ Gram stain only
Typhoid	■	■	X
Cholera	■	■	X
Agents of BT	X	X	X



# **Microbiology Enhancement Training (MET)**

- Site** – Belau National Hospital Laboratory, Palau
- Duration** – 3 weeks
- Summary of Activities:**
  - ✓ Compilation of Microbiology, TB and Serology SOP manuals
  - ✓ On-the bench microbiology training on quality control, test methods, documentation & recording, etc.
  - ✓ Microbiology CE sessions for nurse practitioners and environmental health staff
- Proposed MET for Pohnpei, Kosrae, Ebeye, Chuuk & Yap in 2007 - 2008**



# Shipping in the USAPI

PIJ	No. of Shippers		
	2005	2006	2007
A/Samoa	3	3	3
CNMI	2	7	9
Guam	4	5	7
Palau	4	9	9
Chuuk, FSM	1	1	9
Pohnpei, FSM	2	8	8
Kosrae, FSM	1	2	2
Yap, FSM	2	3	3
Majuro, RMI	2	7	7
Ebeye, RMI	1	4	4
<b>TOTAL # of Shippers in the USAPI</b>	<b>22</b>	<b>51</b>	<b>61</b>



# RLC Area of Focus

## Short Term Goals

- Ensure availability of onsite dengue testing for all USAPI (except American Samoa)
- Ensure availability of onsite leptospirosis testing for all USAPI
- Explore provision of reference lab testing (PCR & typing) for leptospirosis for all USAPI
- Microbiology Enhancement Training for Pohnpei, Kosrae, Ebeye, Chuuk, Yap
- Continue with IATA shipping training in the USAPI
- Assist labs in building local capacity for handling and performing screening tests for agents of bioterrorism
- Explore grants to support laboratory capacity enhancement in the USAPI

## Long Term Goals

- Conduct another microbiology lab assessment in 2009
- Explore opportunities for provision of medical laboratory technology education for the USAPI



# Conclusion

- ❑ Collaborative approach of PIHOA & Local Health Departments (A/Samoa & CNMI) to initiate discussions on lifting restrictions for carriage of Class 6.2 Infectious Specimens
  - Hawaiian Airlines (A/Samoa)
  - Freedom Air & Cape Air (CNMI)
  
- ❑ Collaborative approach of PIHOA – CDC – Federal Agencies to initiate discussions on carriage of suspected bioterrorism agents from the USAPI to Hawaii or US mainland (**Note: Continental Micronesia prohibits carriage of BT agents**)

THANK YOU!