

California Department of Fish & Game

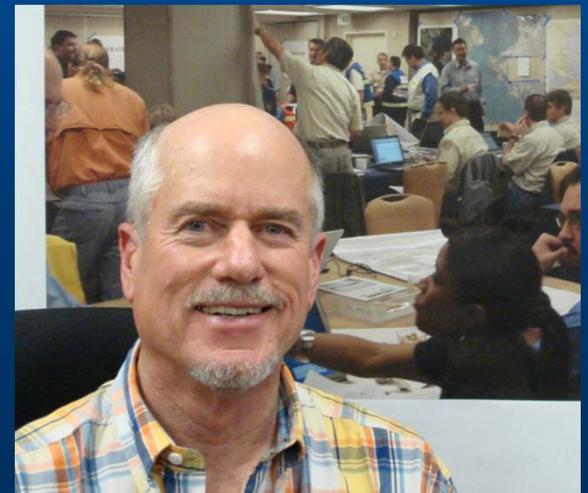
# Office of Spill Prevention and Response

## PERFORMANCE MEASURES FOR OSPR'S DRILLS AND EXERCISES UNIT



Prevention First  
October 2012

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# Prevention First 2012

## Drills and Exercises Program

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- **Program description**
- **Building blocks for analysis**
- **Base Period performance: 2006 - 2008**
- **Program results: 2009 – 2011**
- **Calculating a Baseline**
- **Comparison: Baseline to Program results**

# Drills and Exercises Unit

## **The mission of the Drills and Exercises Unit ...**

**is to work with industry, regulated agencies and stakeholders to design, conduct and evaluate exercises that promote improved oil spill response.**

# Drills and Exercises Unit

**Start date: January 2008**

- **Assess response readiness of vessel and facility operators.**
- **Develop and implement procedures for drills required by OSPR's contingency plan regulations.**
- **Oversee design, conduct and evaluation of individual drills and assess performance of drill participants.**

# Drills and Exercises Unit Goals

- **Enforce drills and exercises regulatory requirements.**
- **Develop outreach.**
- **Conduct effective drills.**
- **Improve the drill evaluation process.**
- **Improve OSPR and stakeholder drill attendance.**

# Counting Drills

## Drill Types:

- **Facility drills**
  - Equipment deployments
  - Table tops
- **Vessel drills**
  - Table tops

# Counting Drills

## Qualifiers:

- Total drills =
  - In state
- Eligible drills =
  - Proper notification
- Attended drills =
  - OSPR staff

# Determining base period

## Determining time period:

- **Prior to implementation of regulations**
- **Comparable time span**
- **Comparable drill scheduling pattern**

# Counting Drills

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## Base period:

- FY 2006 - 2007
- FY 2007 - 2008
- 7/1/2008 – 12/31/2008

## Comparison period:

- 1/1/2009 – 12/31/2011

# Counting Attendance at Drills

## Data: OSPR staff attendance

- Field Response Team
  - OSPS
  - Scientist
  - Warden
- All others

# OSPR Base Period Drills

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2006 - 2007	64	44	10
2007 - 2008	69	44	12
7/1/2008 – 12/31/2008	61	48	3

# OSPR Base Period Attendance

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2006 - 2007	12	14	2
2007 - 2008	20	25	7
7/1/2008 – 12/31/2008	28	35	3

# OSPR Base Period Attendance

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2006 - 2007	48%	58%	67%
2007 - 2008	45%	86%	88%
7/1/2008 – 12/31/2008	68%	95%	100%

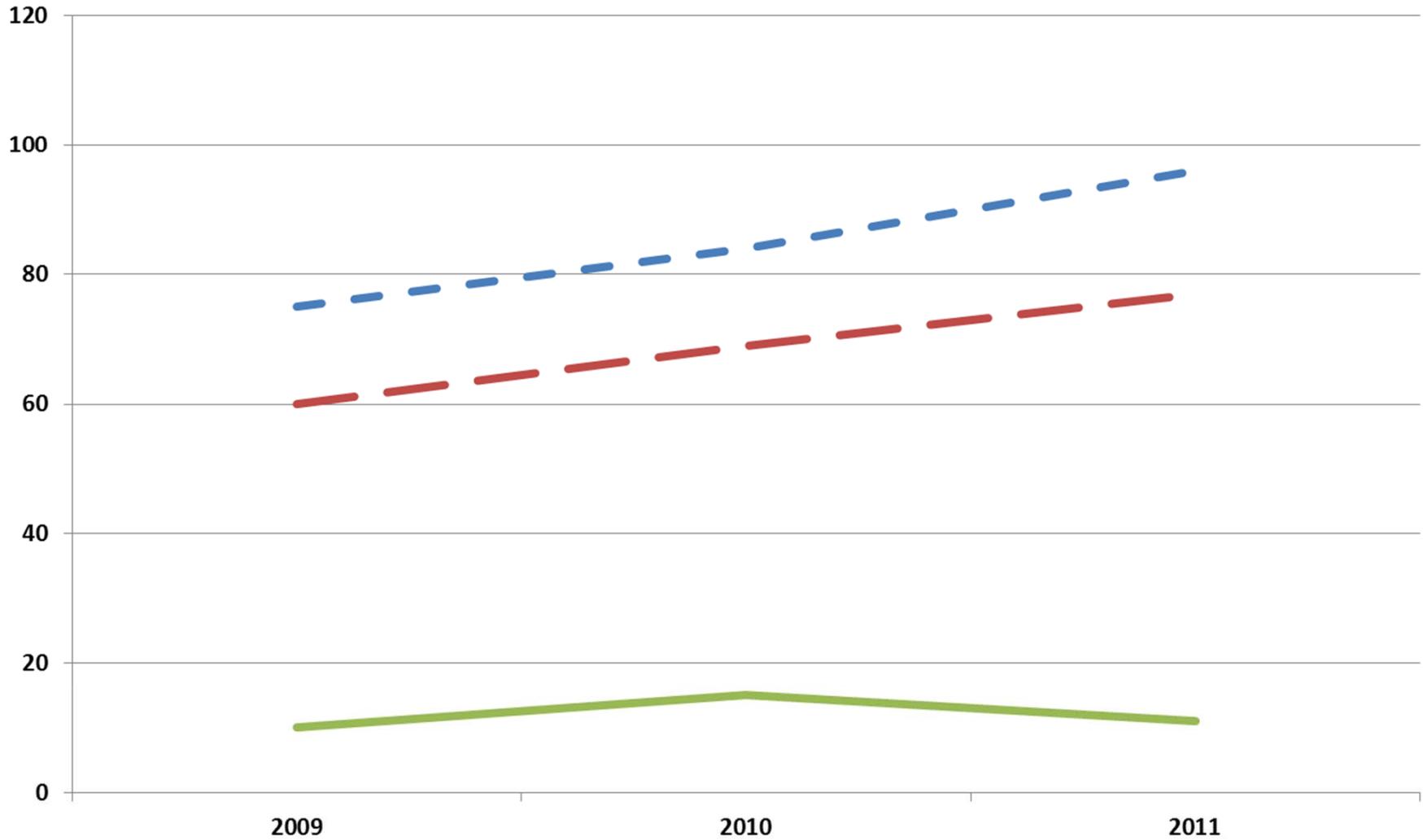
# OSPR Base Period Hours

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2006 - 2007	128	218	61
2007 - 2008	135	645	497
7/1/2008 – 12/31/2008	150	774	52

# OSPR Drills

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2009	75	60	10
2010	83	65	15
2011	95	76	11

# OSPR DRILLS

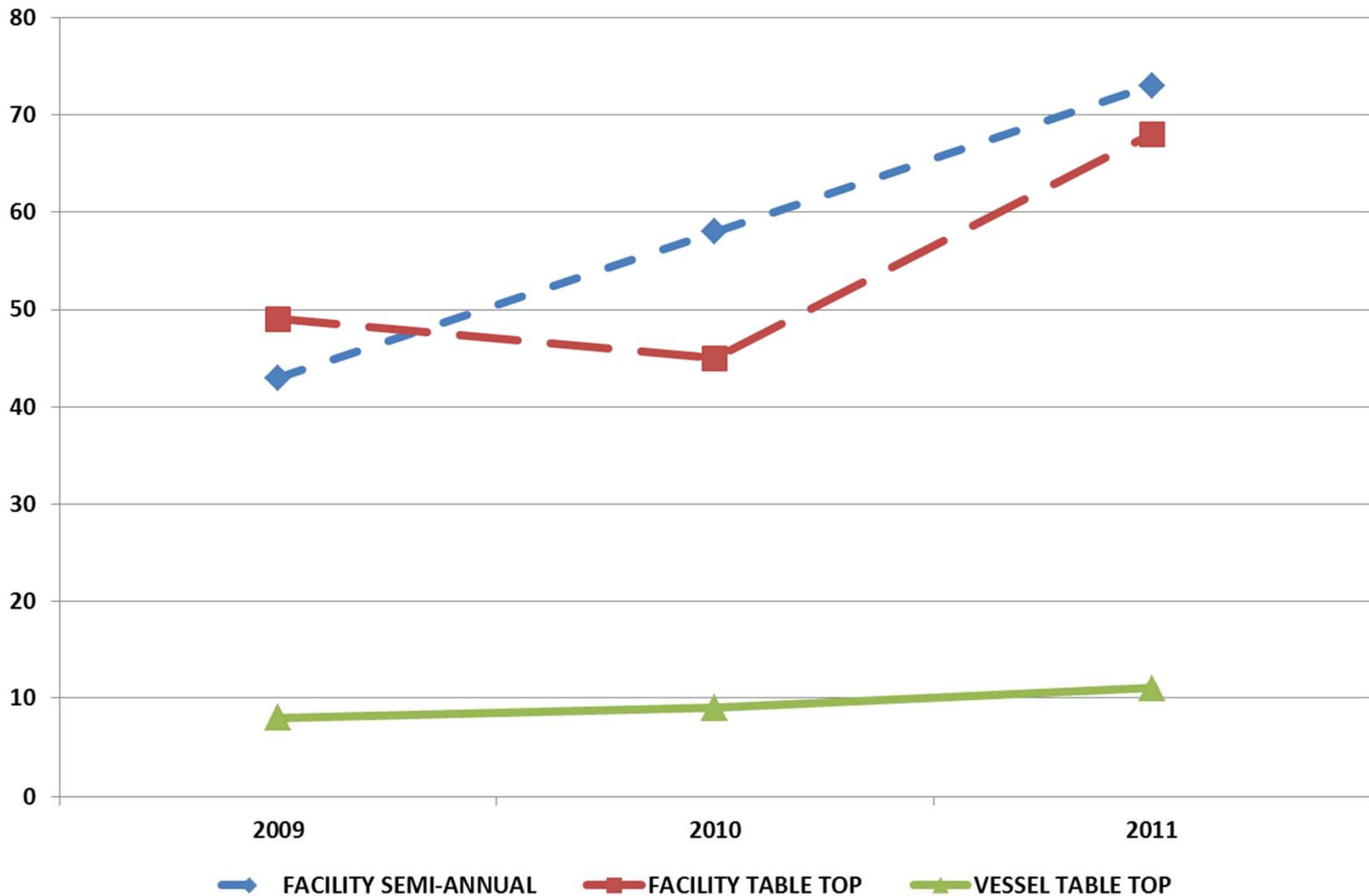


— FACILITY Equipment Deployment    — FACILITY Table Top    — VESSEL Table Top

# OSPR Attendance

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2009	43	49	8
2010	58	45	9
2011	73	68	11

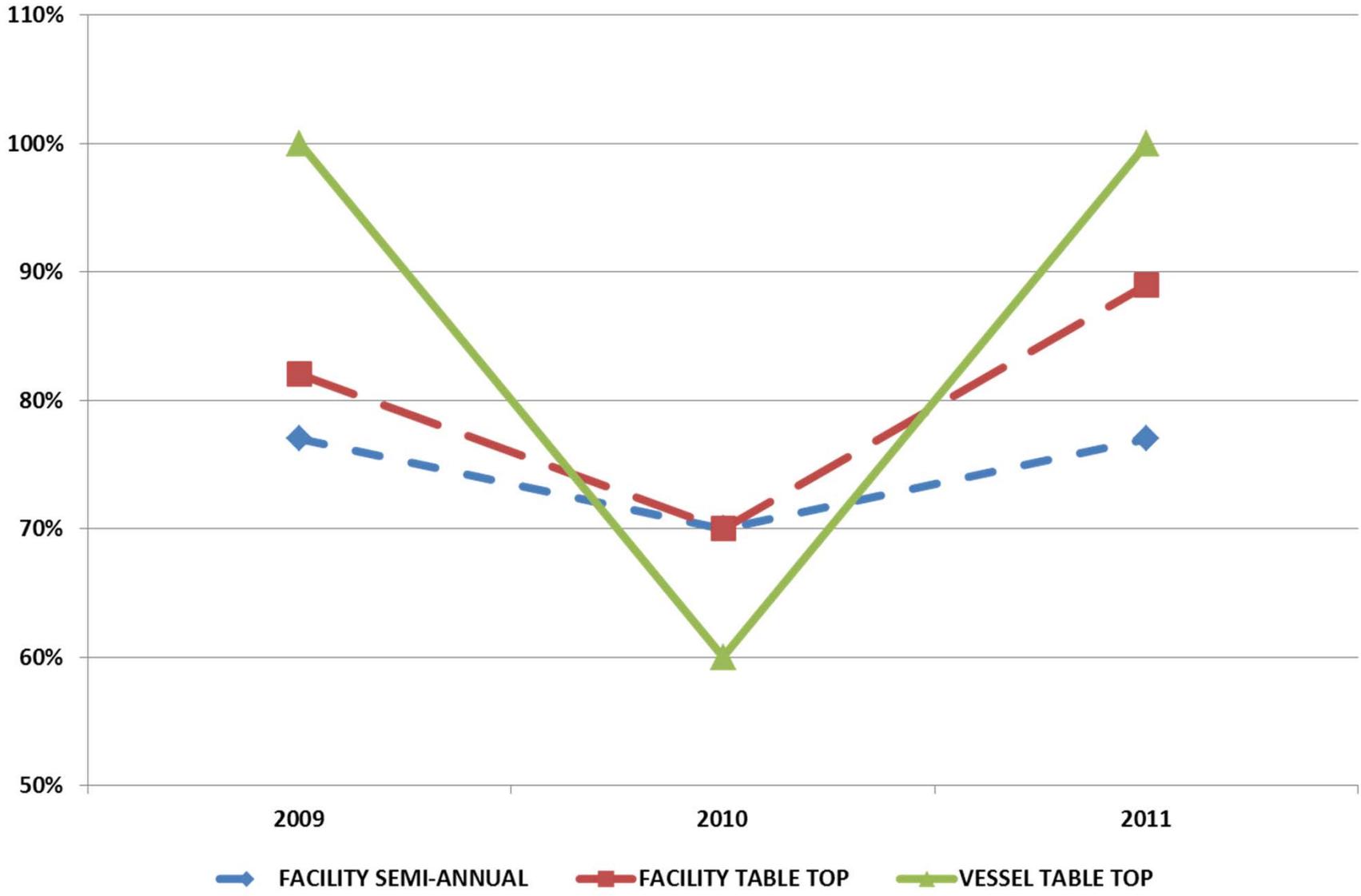
# NUMBER ATTENDED



# OSPR Attendance

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2009	77%	82%	100%
2010	70%	69%	60%
2011	77%	89%	100%

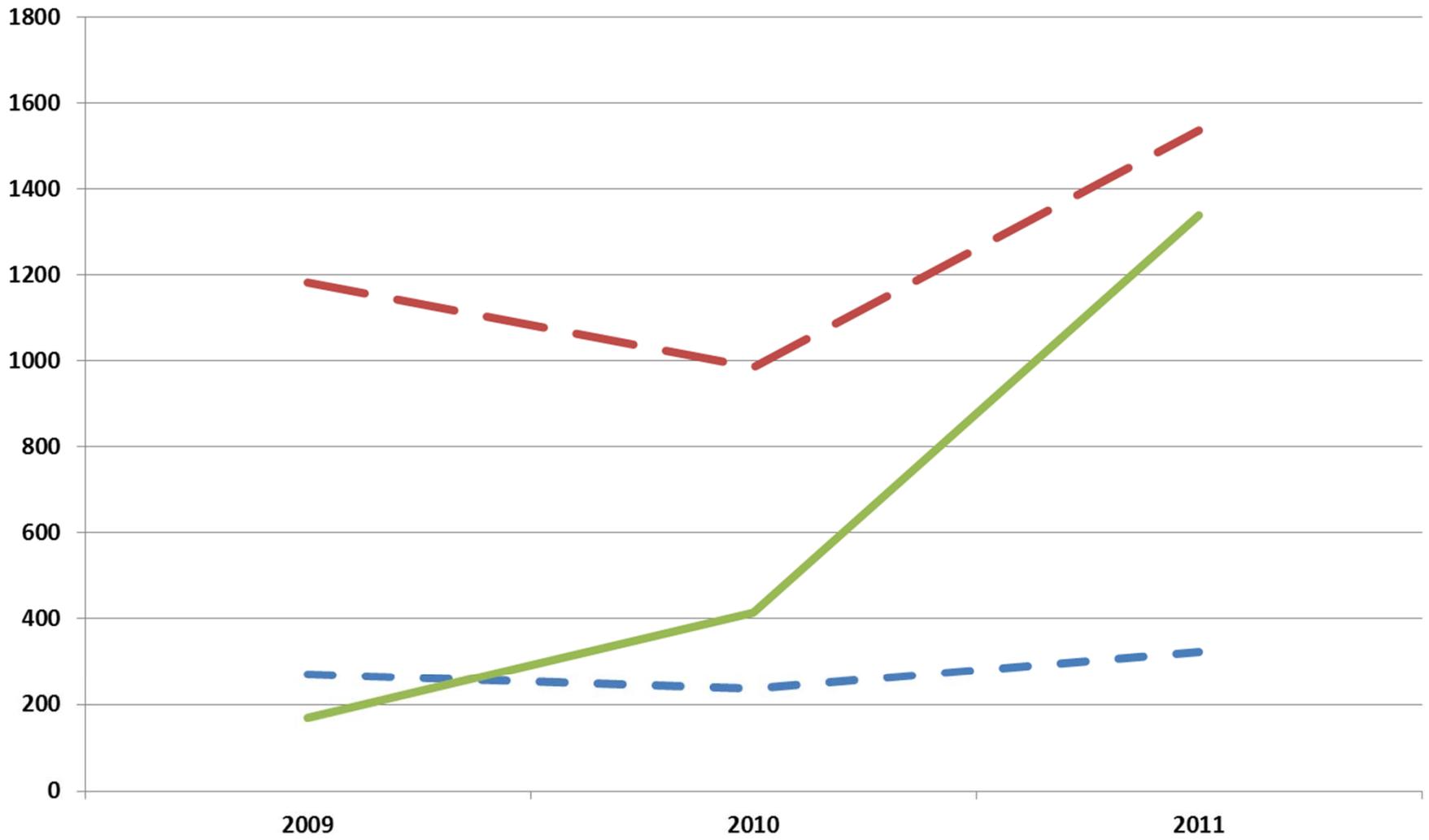
# PERCENT ATTENDED



# OSPR Hours

	FACILITY	FACILITY	VESSEL
	Equipment Deployment	Table Top	Table Top
2009	271	1,184	169
2010	243	993	415
2011	326	1,774	1,340

# OSPR HOURS

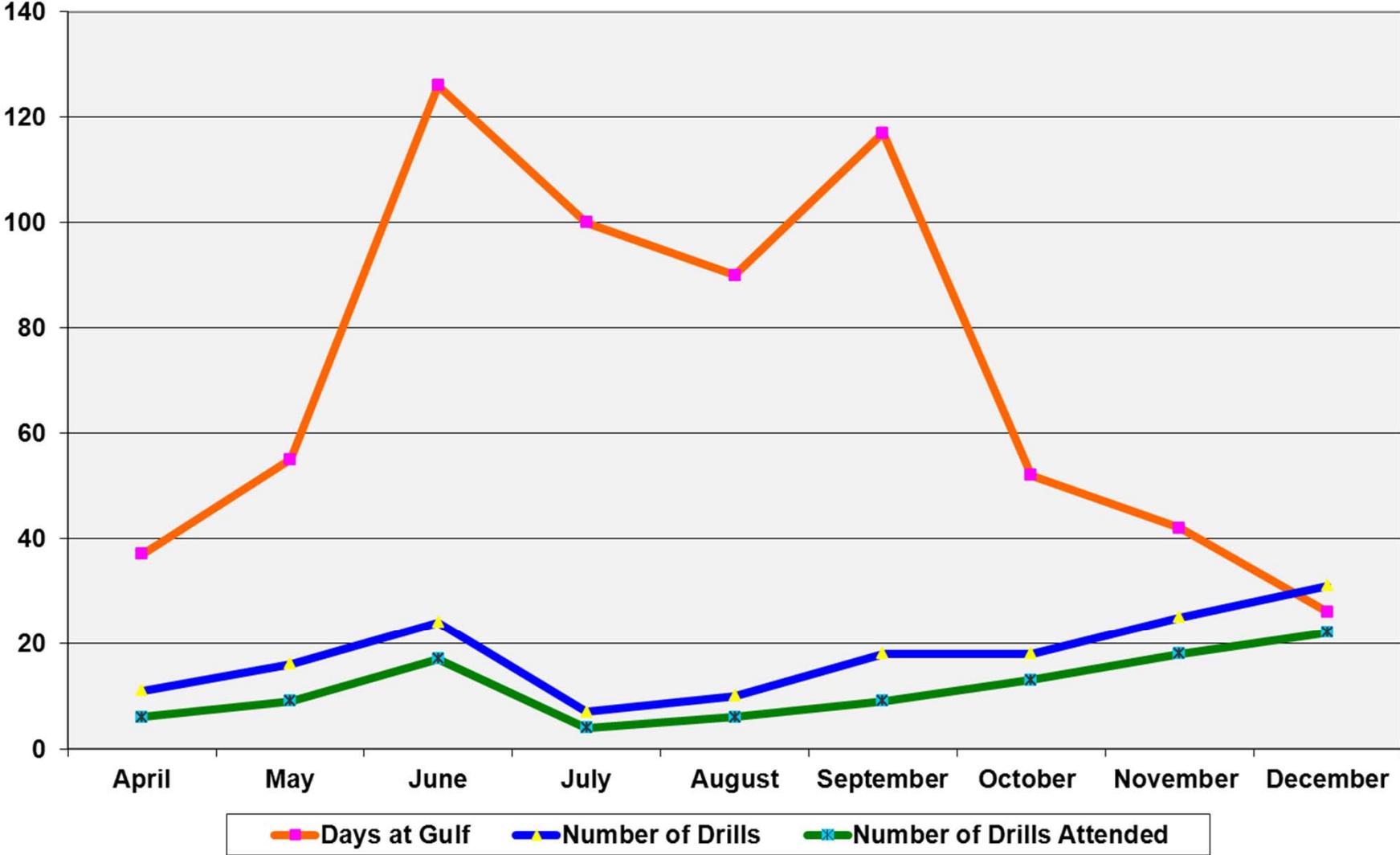


— FACILITY Equipment  
Deployment

— FACILITY Table Top

— VESSEL Table Top

# DRILLS ATTENDED AND DAYS OF GULF DEPLOYMENT



# Calculating a baseline

## Determining time period:

- Prior to implementation of regulations
- Comparable time span
- Comparable drill scheduling pattern

## Calculation:

- $(\text{FY 2006-2007} + \text{FY 2007-2008})/2$

# Calculating a baseline

## Calculation:

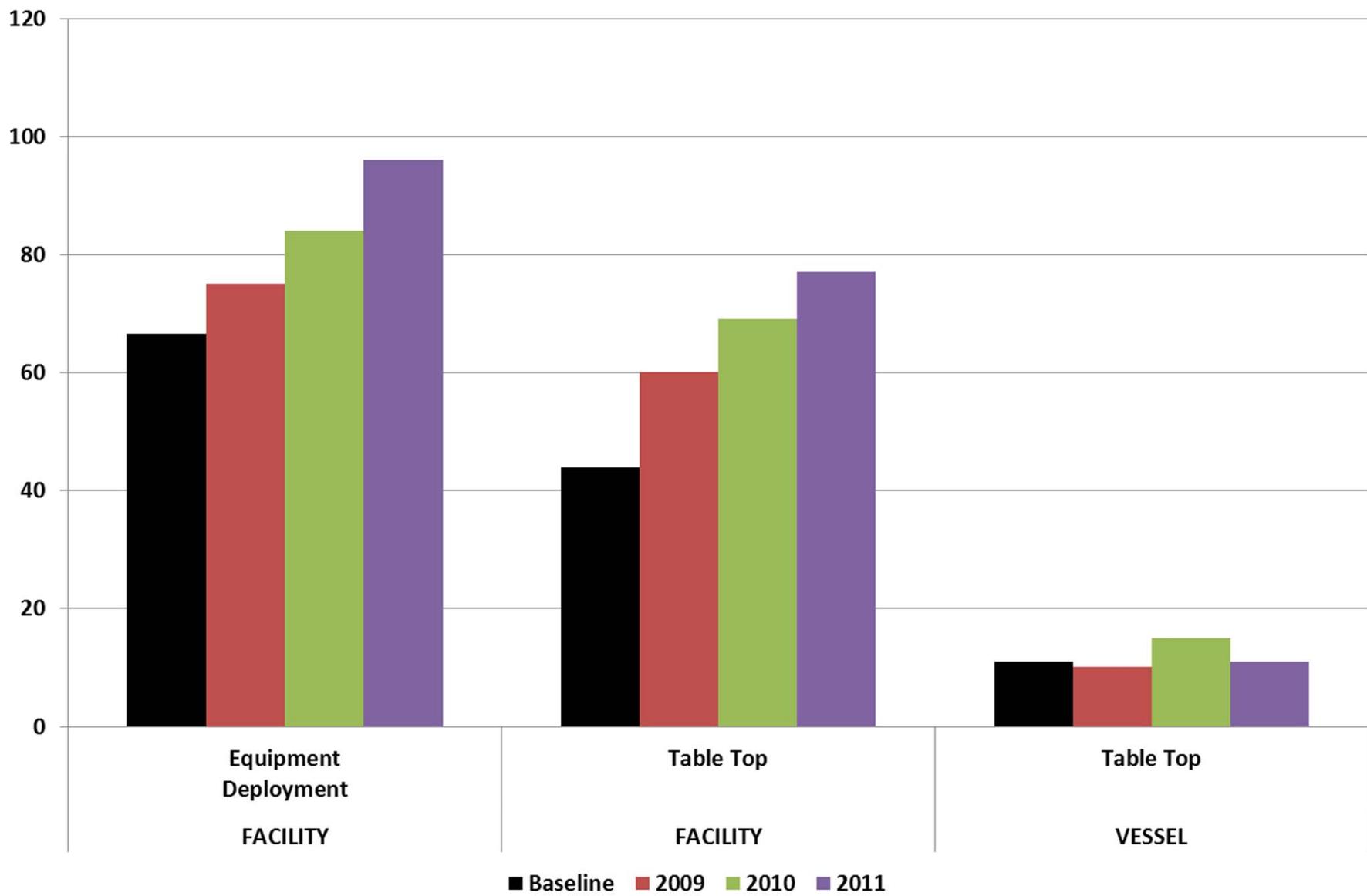
$$(FY\ 2006-2007 + FY\ 2007-2008)/2$$

## Example:

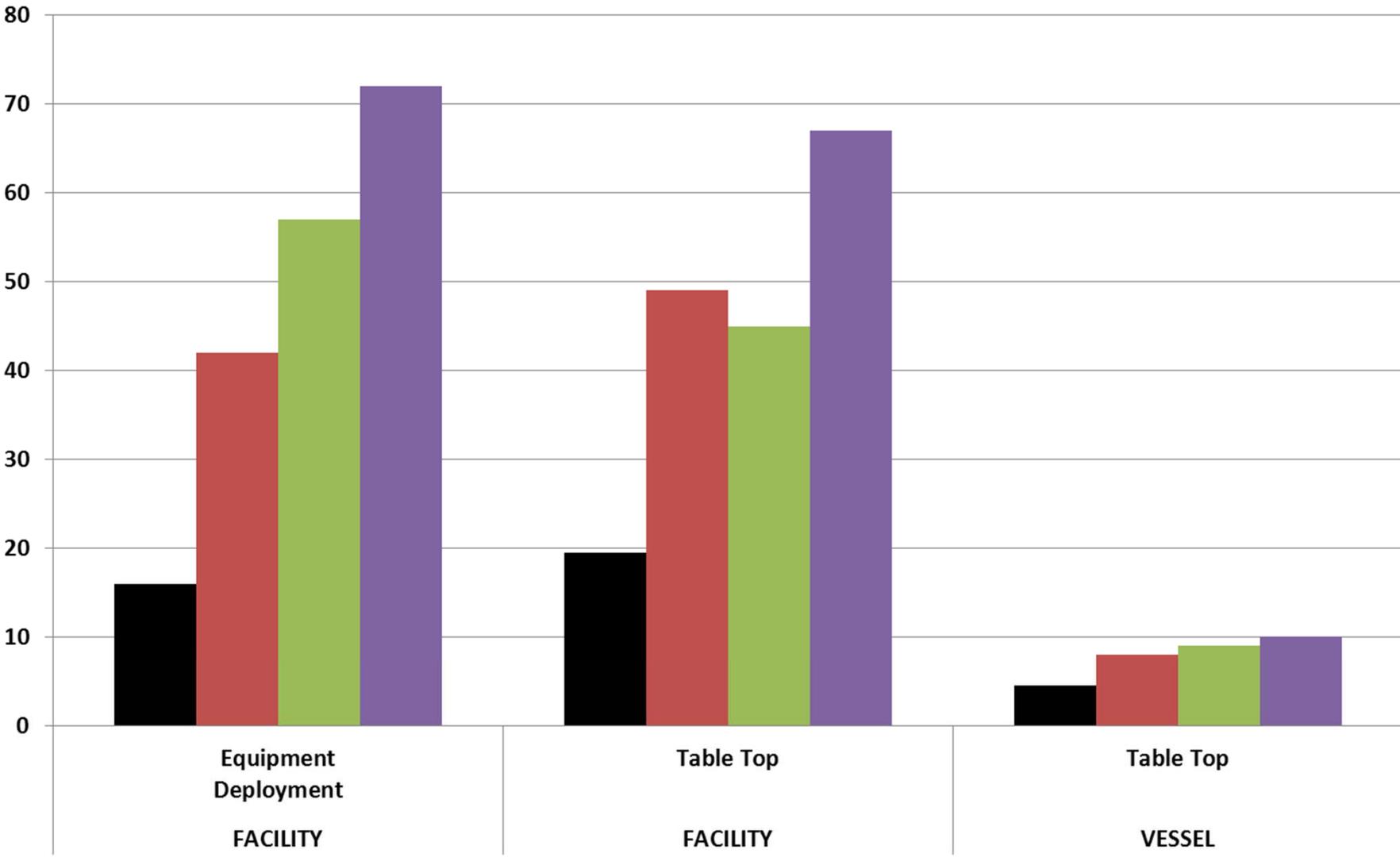
**Facility equipment deployment drills**

$$(64 + 69)/2 = 133/2 = 66.5$$

## PROGRAM ACHIEVEMENT: DRILLS

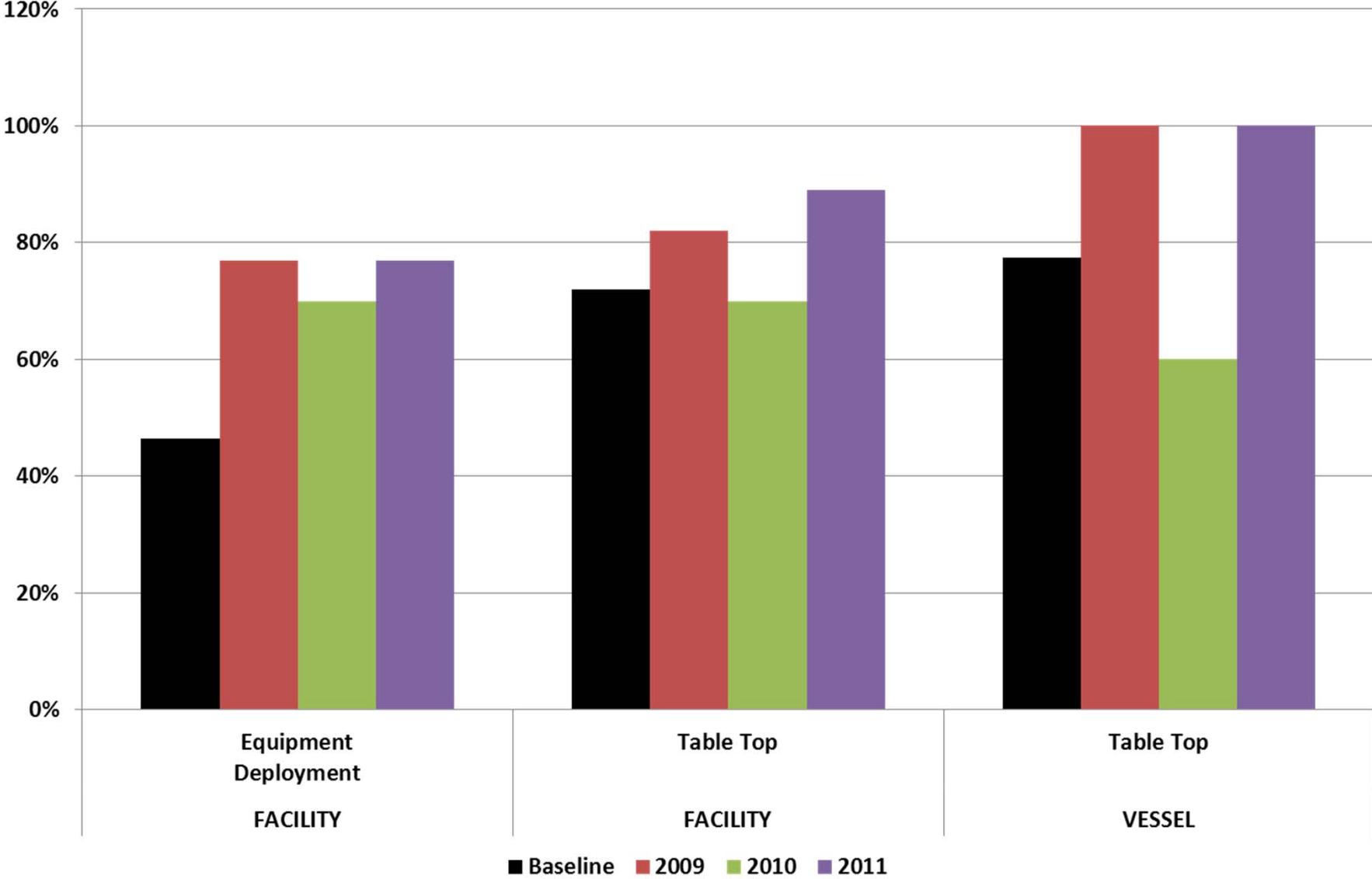


# PROGRAM ACHIEVEMENT: DRILLS ATTENDED

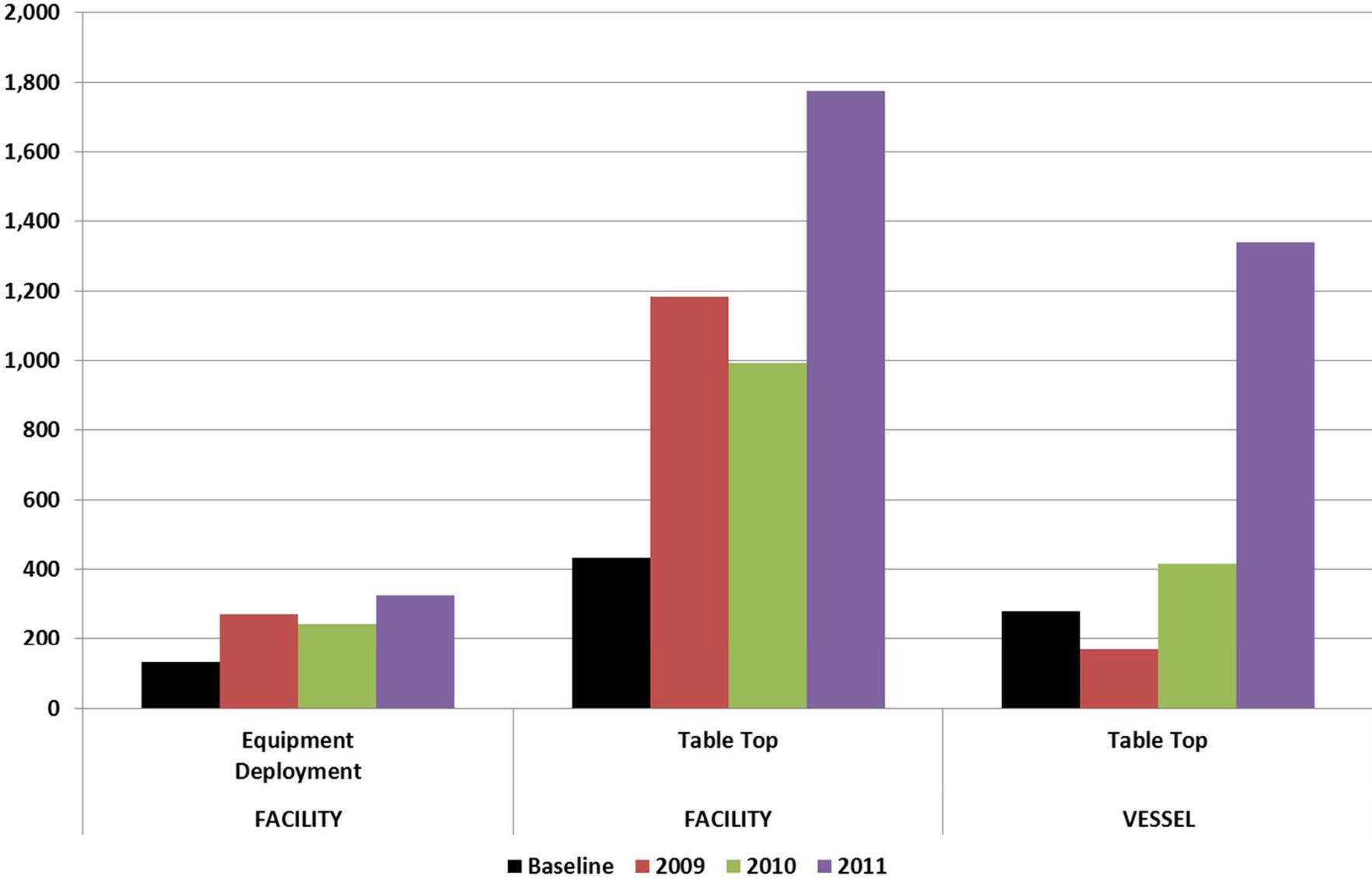


■ Baseline ■ 2009 ■ 2010 ■ 2011

# PROGRAM ACHIEVEMENT: PERCENT ATTENDED



# PROGRAM ACHIEVEMENT: HOURS



# Performance summary

**General increases in all categories, except:**

- **Declines in:**

- Percent of drills attended during Gulf deployment and
- Percent of facility table tops attended during Gulf deployment

- **Uneven increases in:**

- Hours of FRT attendance during Gulf deployment and years of more vessel table tops

To get more information:

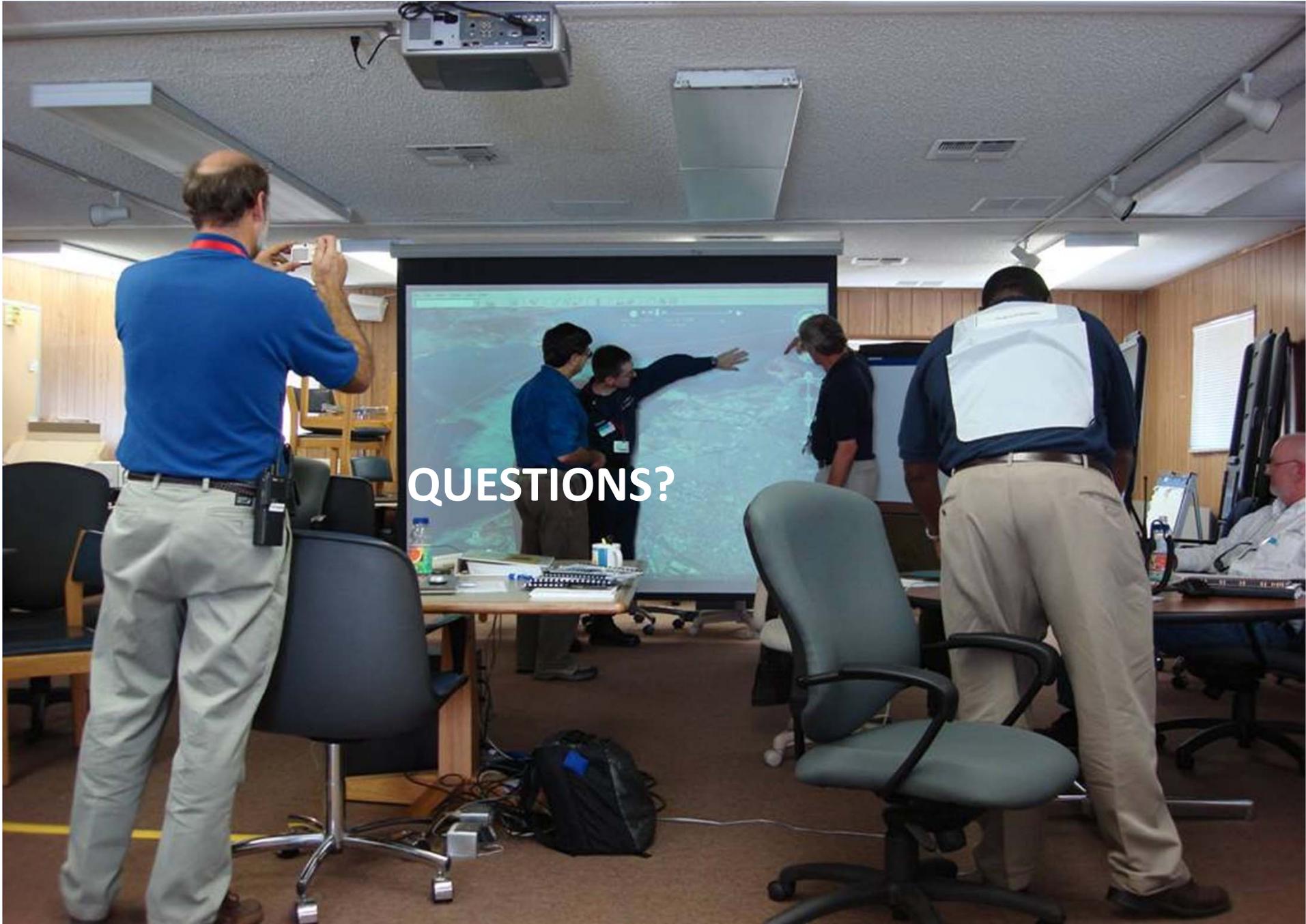


<http://www.dfg.ca.gov/ospr/>

<http://www.dfg.ca.gov/ospr/calendars.aspx>

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QUESTIONS?