



# Natural Resources Metrics



## Sikes Act Implementation: Natural Resources Conservation Metrics





# Natural Resources Metrics



## Annual Reporting Requirements

- Each Service (Installation) shall report progress toward meeting natural resources conservation program measures of merit to DUSD(I&E) at each EMR, and to Congress in the Defense Environmental Programs Annual Report to Congress.
  - Each installation with significant natural resources shall report:
    - **INRMPs:** Number of installations requiring INRMPs/INRMPs completed
    - **Sikes Act:**
      - Year most recent INRMP reviewed/revised for operation and effect
      - Total number of installations that have signed a tripartite agreement
      - Dollars spent in the current fiscal year to implement INRMPs (excluding labor dollars)
      - Rating of INRMP using “red-yellow-green” evaluation for seven focus areas
    - **Threatened and Endangered (T&E) Species:**
      - FY data for the annual USFWS T&E expenditures
      - Overall T&E expenditures and significant changes in expenditures by species, habitat, and installation
      - List of all installations (and species) that were granted CH designation exclusions in FY



# Natural Resources Metrics



## DoD Natural Resources Conservation Metrics

- The Sikes Act requires each installation to report annually on the status of its INRMP implementation
- DoD Natural Resources Conservation metrics are used to assess the overall health and trends of each installation's natural resources program and to identify and correct potential funding and other resource shortfalls.
- Natural Resources Conservation metrics are used to assess INRMP implementation, measure conservation efforts, ensure no net loss of military testing and training lands across the various installations, understand the conservation program's installation mission support, and indicate the success of partnerships with the USFWS, State fish and wildlife agencies, and, when applicable, with NOAA Fisheries Service.
- Seven focus areas assess requirements, goals, and objectives of the Sikes Act annually for each installation with an INRMP:
  1. INRMP Project Implementation
  2. Federally Listed species and Critical Habitat
  3. Partnerships Effectiveness
  4. Fish and Wildlife Management and Public Use
  5. Team Adequacy
  6. Ecosystem Integrity
  7. INRMP Impact on the Installation Mission



# DoD Metrics Update

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- **DoD Natural Resources Conservation Metrics have been revised as a result of:**
  - Modifications/Clarifications to DoD Instruction 4715.03 on the Natural Resources Conservation Program Released Feb 2011
  - Clarification due to OSD EMR held in Feb 2012
- **Military Services/Components participated in the process to modify Focus Area Definitions**
  - Red/Yellow/Green Definitions will be finalized for FY 13 Metrics
  - Red/Yellow/Green Definitions informed Service's FY 12 Metrics
- **Draft Final Metrics Completed 21 Aug 2012**
  - Defense Environmental Program Management Reporting Requirements for FY 12/DEPARC will consolidate Metrics Results



# DoD NR Focus Areas - Defined

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## 1. INRMP Implementation (formerly INRMP Project Implementation)

Evaluates the execution of actions taken to meet goals/objectives outlined in the INRMP.

## 2. Listed Species and Critical Habitat

Evaluates the extent to which federally listed species have been identified and the INRMP provides conservation benefits to these species and their habitats.

## 3. Sikes Act Cooperation (Partnership Effectiveness)

Determine to what degree USFWS, State Fish and Wildlife Agency and, when appropriate, NOAA Fisheries Service, partnerships are cooperative and result in effective INRMP development and review for operation and effect.



# DoD NR Focus Areas - Defined

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## 4. Recreational Use and Access (formerly Fish Wildlife Mgmt and Public Use)

Evaluate the availability and adequacy of public recreational use opportunities, such as fishing and hunting, and access for handicapped and disabled persons, given security and safety requirements for the installation.

## 5. Team Adequacy

Assess the adequacy of the natural resources team (natural resources management professional and installation support staff) in accomplishing INRMP goals and objectives at each installation.



# DoD NR Focus Areas - Defined

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## 6. Ecosystem Integrity

Evaluate the current status, management effectiveness, and trends of the ecosystems at the installation to support and maintain a community of organisms that have a species composition, diversity, and functional organization comparable to those in the respective region.

## 7. INRMP (Natural Resources Program) Support of the Installation Mission (formerly INRMP Impact on the Installation Mission)

Evaluate the level to which existing natural resources requirements support the installation's ability to sustain the current operational mission ensuring no net loss of mission capability.



# Natural Resources Metrics



## Navy Natural Resources/INRMP Metrics Continued

- Annual evaluation must be completed in cooperation with the appropriate field-level offices of the USFWS and state fish and wildlife agencies
- Metrics should also be done with NOAA Fisheries (when appropriate)
  - Work together to measure both the successes and issues resulting from INRMP implementation
- Natural resources data must be entered into the Navy Conservation website via the EMSWeb link on the Environmental Portal at:  
<https://eprportal.cnmc.navy.mil/eprwebnet/NemosPortal.aspx>.
- **All INRMPs are to be up to date for FY12 reporting**



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# Navy FY 12 NR Program Metrics

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- Foremost ensures compliance with Sikes Act
- Measures health of NR Program and support of Mission
- Modified based on new DoD Natural Resources Conservation Metrics and DoD Instruction 4715.03
  - The sequence of the U.S. Navy NR Program Metrics Focus Areas differs from DoD NR Conservation Metrics because U.S. Navy questions build on data previously entered
  - DEPARC questions (e.g. INRMP Status, Listed Species Expenditures, etc) are embedded in the U.S. Navy NR Program Metrics as was done in FY 11
- Are NOT the same as USMC FY 12 Metrics



# Navy FY 12 NR Program Metrics

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## Key Changes between FY 11 and FY 12 Metrics

- More Specific Questions Added for Clarification/Tracking
- Partnership Effectiveness evaluates Regulatory Partners
  - Other Partnerships evaluated in INRMP Implementation Focus Area
- More Data Provided to Track INRMP Implementation
- Listed Species Focus Area is on federally protected species
  - General Candidate Species question added
- Scoring/Weighting has been Modified /Improved to align with new DoD Definitions



# Navy FY 12 NR Program Metrics

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- **Expectations of NRMs**

- Review and Understand Alignment of Sites and Installations Assigned
- Review Questions and Pre-Populate Data prior to Meetings with Regulatory Partners/Stakeholders
- Submit Results for Regional/FEC Validation
- Brief Chain of Command on Results
  - Assist ICO in Completion of Mission Metric
- Metrics are to inform changes to the INRMP Updates/Revisions and Perhaps Execution Priorities



# Navy FY 12 NR Program Metrics

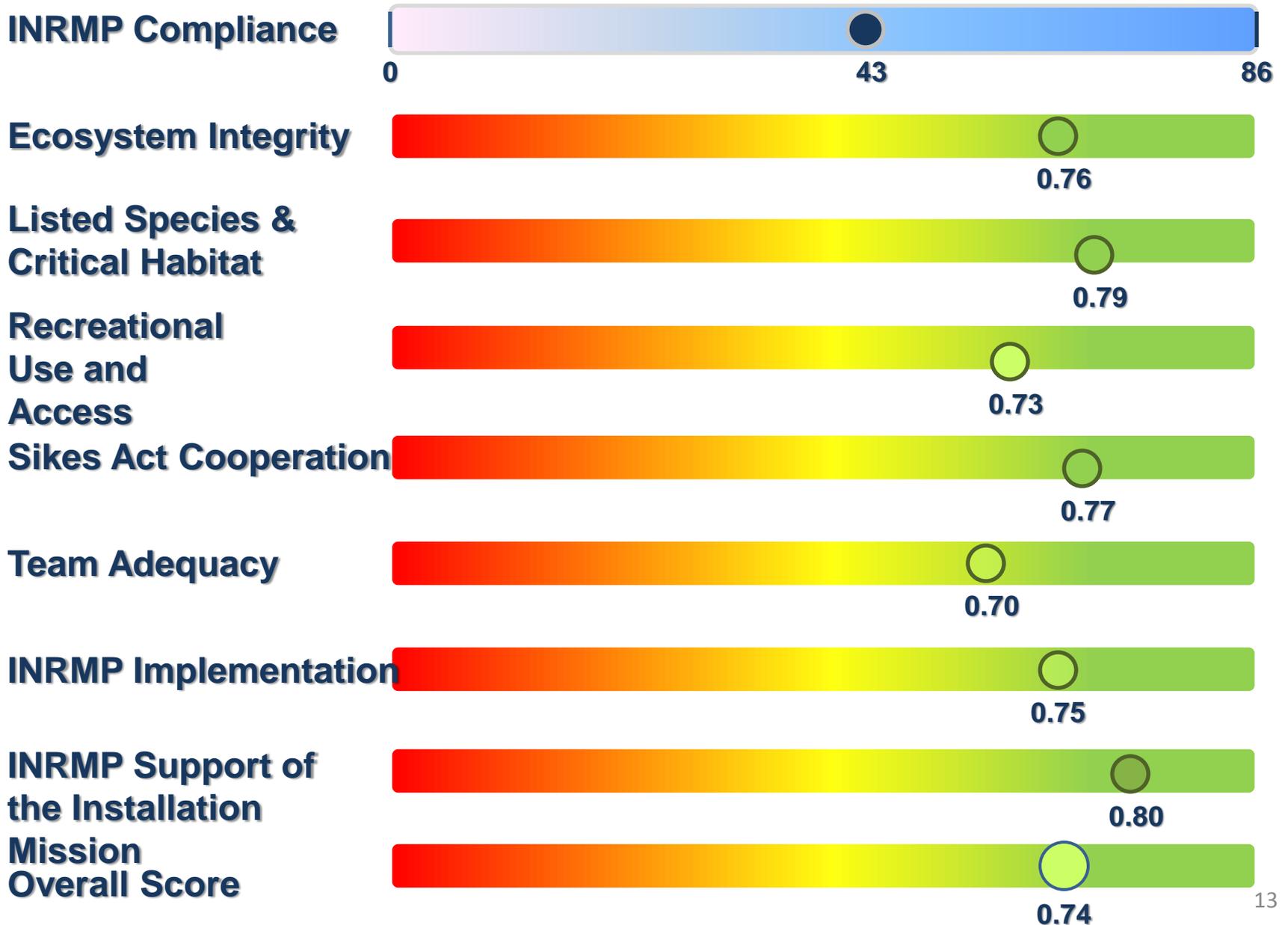
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- **Expectations of Regions/FECs**

- Review and Understand Alignment of Sites and Installations Assigned
  - Complete Region Special Area Metrics
  - Review Questions and Pre-Populate Data prior to Meetings with Regulatory Partners/Stakeholders
- Track and Ensure Completion of Metrics
- Validate Metrics Responses and Submit to HQ
- Consolidate Installation Data and Brief Chain of Command

# U.S. Navy FY 12 Natural Resources Metrics Summary





# FY 12 DEPARC NR Metrics Summary - NDW



Joint-Base Anacostia-Bolling (JBAB)	DC									
NAS Patuxent River	MD	0.87	0.85	0.78	0.94	0.84	0.82	0.81	0.84	No
NAS Patuxent River - NRC Solomons	MD	0.77	N/A	0.75	0.94	0.68	0.76	0.81	0.79	Yes
NRL - Midway Research Center	VA	0.88	N/A	0.50	0.19	0.52	0.76	0.75	0.60	No
NRL - Naval Research Lab (Main)	DC	0.96	N/A	0.50	0.48	0.46	0.76	0.75	0.65	Yes
NRL - Pomonkey	MD	0.88	N/A	0.25	0.48	0.52	0.51	0.75	0.57	Yes
NSA Annapolis	MD	0.81	0.43	0.50	0.78	0.87	0.72	0.91	0.72	Yes
NRL - Chesapeake Bay Detachment	MD	0.81	0.94	0.75	0.48	0.52	0.73	0.81	0.72	Yes
NATNAVMEDCEN Bethesda	MD	No Data	N/A	0.91	No Data	0.89	0.75	0.53	0.77	No
NSF Carderock	DC	0.72	N/A	0.91	0.92	0.74	0.70	0.70	0.67	Yes
NSF Dahlgren	VA	0.77	0.95	0.89	0.54	0.81	0.87	0.74	0.80	Yes
NSF Indian Head	MD	0.68	0.94	0.84	0.91	0.89	0.92	0.91	0.87	Yes
	<b>Avg</b>	<b>0.76</b>	<b>0.79</b>	<b>0.73</b>	<b>0.77</b>	<b>0.70</b>	<b>0.75</b>	<b>0.80</b>	<b>0.74</b>	72% Compliant

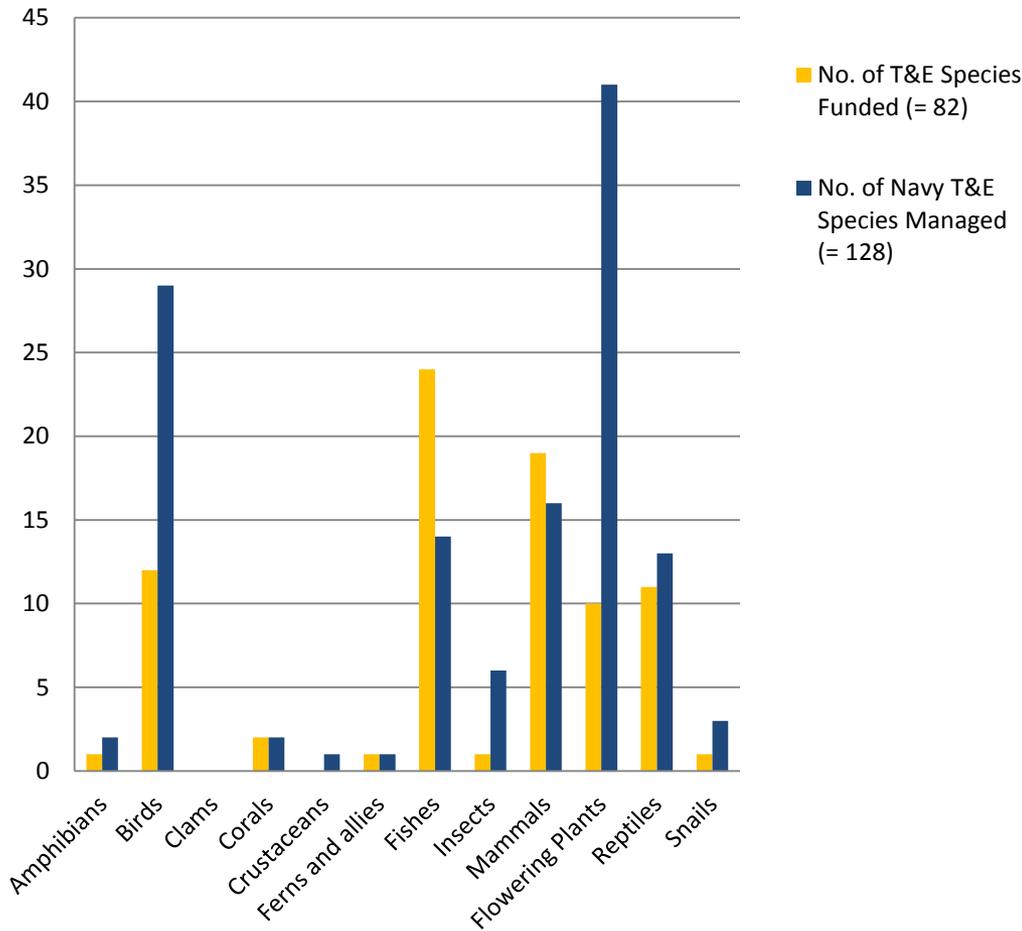
**Scores should reflect the state of the program and not be altered**



# FY 11 T&E Species Funding Summary



**Number of T&E Species Managed by the Navy vs. T&E Species Funded Projects in FY11**



Taxonomic Group	No. of T&E Species Funded (= 82)	Expenditures (FY11)	No. of Navy T&E Species Managed (= 128)
Amphibians	1	\$27,000.00	2
Arachnids	0	\$0.00	0
Birds	12	\$4,023,338.00	29
Clams	0	\$0.00	0
Corals	2	\$515,748.00	2
Crustaceans	0	\$0.00	1
Ferns and allies	1	\$2,000.00	1
Fishes	24	\$331,377.00	14
Insects	1	\$9,000.00	6
Lichens	0	\$0.00	0
Mammals	19	\$6,000,325.00	16
Mollusks	0	\$0.00	0
Flowering Plants	10	\$719,390.00	41
Reptiles	11	\$1,037,959.00	13
Snails	1	\$264,660.00	3
<b>Total</b>	<b>82</b>	<b>\$12,930,797.00</b>	<b>128</b>

**Total T&E Species Funded (FY11) = 82**

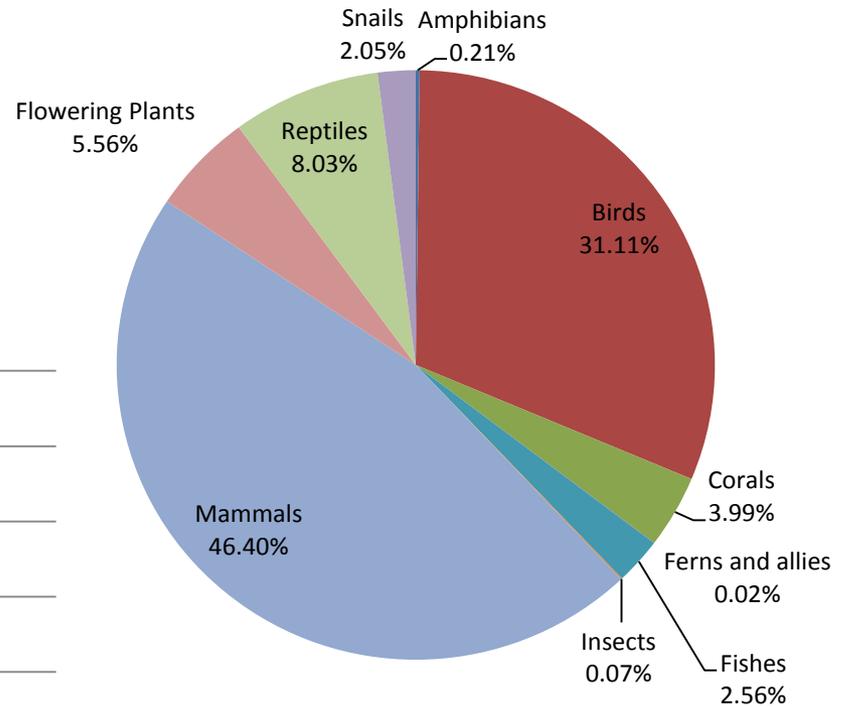
**Total T&E Species Managed (FY11) = 128**



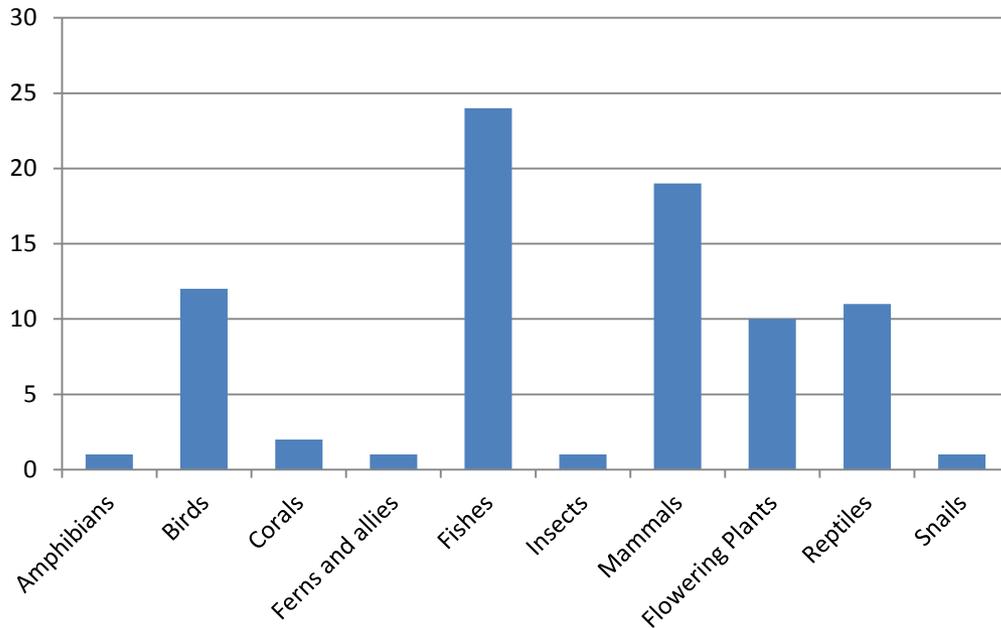
# FY 11 Navy T&E Species Expenditure Summary



### Percent of T&E Expenditures per Taxonomic Group (FY11)



### Number of T&E Species by Taxonomic Group Funded (FY11)





# FY 11 Navy Installations with Greatest Number of T&E Species



Rank	Service	Installation	State	# Species
1	Navy	JB Pearl Harbor Hickam	HI	29
2	Navy	PMRF Barking Sands	HI	15
3	Navy	NAS Key West	FL	14
4	Navy	NAVBASE Coronado- San Clemente Island	CA	12
5	Navy	NAVBASE Coronado	CA	10
6	Navy	NAVMAG Indian Island	WA	9
7	Navy	NBK Bremerton	WA	9
8	Navy	NBK Bremerton- Manchester	WA	9
9	Navy	NSA Panama City	FL	9
10	Navy	NAVSTA Everett	WA	8

M3 - Conservation Home - Microsoft Internet Explorer provided by NMCI  
https://navy.ivyems.org/Common/CustomContent/447  
Live Search

File Edit View Favorites Tools Help  
Convert Select

M3 - Conservation Home

Home Documents **My Media** Reporting Admin

Conservation Home

My Media > Conservation Home

## Conservation Home

Edit



The Crescent Harbor Marsh at Naval Air Station Whidbey Island (Credit: Currents Magazine 2011)

Welcome to the Navy Conservation Website. Please select the program you wish to view.

[Natural Resources](#) or [Cultural Resources](#)

Logged on as Tom Mayes  
My Profile | Settings | Logout  
Viewing from: Navy

Quick Links (add | manage)

- My Dashboard
- Get Support
- CNIC Regions
- Cultural Resources
- EMSWeb Guidance
- GeoReadiness
- more...

Help (show tooltips)

- Help with this page
- All Topics
- Search Help

18  
Internet 100%



# CNIC FY11 Navy Shore Bases (72) By Region (11)

**N61075 CNR Korea (1)**  
- N32778 CFA Chinhae

**N61076 CNR Japan (6)**  
- N61056 CFA Okinawa  
- N61054 CFA Yokosuka  
- N61058 CFA Sasebo  
- N61057 NAF Atsugi  
- N61060 NAF Misawa  
- N68539 NSF Diego Garcia

N61077 Singapore AC (1)

**N61128 CJR Marianas (2)**  
- N41557 NSA Andersen  
- N61755 NAVBASE Guam

**N61449 CNR Hawaii (2)**  
- N61064 PMRF Barking Sands  
- N62813 JB Pearl Harbor Hickam

**N3049B CNR Europe Africa Southwest Asia (6)**  
- N3379A Camp Lemonnier Djibouti  
- N62588 NSA Naples  
- N62863 NAVSTA Rota  
- N62995 NAS Sigonella  
- N63005 NSA Bahrain  
- N66691 NSA Souda Bay

**N68742 CNR Northwest (4)**  
- N00620 NAS Whidbey Island  
- N61066 NAVMAG Indian Island  
- N68436 NAVBASE Kitsap  
- N68967 NAVSTA Everett

**N61040 CNR Midwest (3)**  
- N00128 NAVSTA Great Lakes  
- N00639 NSA Mid South  
- N61018 NSA Crane

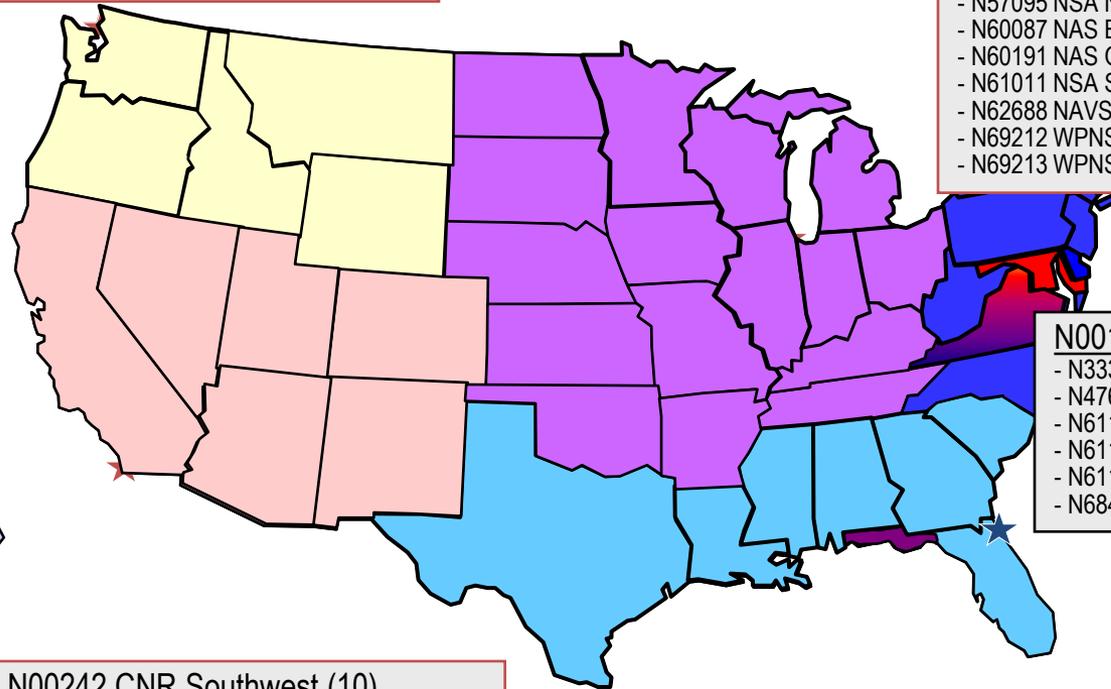
**N61463 CNR Mid-Atlantic (14)**  
- N00129 SUBASE New London  
- N00158 NAS/JRB Willow Grove  
- N32411 NAVSTA Newport  
- N32414 NSA Mechanicsburg  
- N32443 NSS Norfolk Naval Shipyard  
- N32446 NSY BOS Portsmouth  
- N50092 JEB Little Creek-Fort Story  
- N57095 NSA Norfolk  
- N60087 NAS Brunswick  
- N60191 NAS Oceana  
- N61011 NSA Saratoga Springs  
- N62688 NAVSTA Norfolk  
- N69212 WPNSTA Yorktown  
- N69213 WPNSTA Earle Colts Neck

**N00171 CNR NDW (6)**  
- N33355 NSA Bethesda  
- N47608 NAS Patuxent River  
- N61142 JB Anacostia Bolling  
- N61151 NSA South Potomac  
- N61152 NSA Annapolis  
- N68469 NSA Washington

**N00242 CNR Southwest (10)**  
- N00245 NAVBASE San Diego  
- N00246 NAVBASE Coronado  
- N47609 NAWS China Lake  
- N60042 NAF El Centro  
- N60495 NAS Fallon  
- N61014 NSA Monterey  
- N61065 WPNSTA Seal Beach  
- N63042 NAS Lemoore  
- N63406 NAVBASE Point Loma  
- N69232 NAVBASE Ventura County Pt Mugu

**N09697 CNR Southeast (17)**  
- N00204 NAS Pensacola  
- N00205 NSA New Orleans  
- N00206 NAS/JRB New Orleans  
- N00207 NAS Jacksonville  
- N00213 NAS Key West  
- N00216 NAS Corpus Christi  
- N40003 NA Puerto Rico  
- N42237 SUBASE Kings Bay  
- N60201 NAVSTA Mayport

- N60241 NAS Kingsville  
- N60508 NAS Whiting Field  
- N60514 NAVSTA Guantanamo Bay  
- N61007 NSA Orlando  
- N61008 NSA Panama City  
- N62604 CBC Gulfport  
- N63043 NAS Meridian  
- N83447 NAS/JRB Fort Worth





# Natural Resources Metrics



Login to the Conservation Website

<https://eprportal.cnic.navy.mil/eprwebnet/logon.aspx>



United States Navy  
Environmental  
Portal

## Environmental Program Requirements Web (EPRWeb)

- Financial Projects
- Guidebook

## Environmental Data and Metrics Web (EDMWeb)

- **Notices of Violation**
- CWA/SDWA Water Quality
- CAA Air Quality
- RCRA Hazardous Waste
- RCRA Solid Waste
- EMSWeb (IE7 Required)
  
- Log out of EPRPortal