

Candidate Recommendation # DON-0133

Candidate Recommendation: Close the Naval Shipyard (NSYD) Portsmouth, Kittery, ME. Relocate the ship depot repair function to NSYD Norfolk, Virginia, NSYD and Intermediate Maintenance Facility (IMF) Pearl Harbor, Hawaii and NSYD Puget Sound, Washington. Relocate the Submarine Maintenance, Engineering, Planning and Procurement Command (SUBMEPP) to NSYD Norfolk.

Justification:

There are four Naval Shipyards performing depot-level ship refueling, modernization, overhaul and repair work: NSYD Norfolk, NSYD Pearl Harbor, NSYD Portsmouth and NSYD Puget Sound. NSYD Norfolk and NSYD Puget Sound are substantially larger than NSYD Pearl Harbor and NSYD Portsmouth. There is sufficient excess capacity in the aggregate across the four shipyards to close either NSYD Pearl Harbor or NSYD Portsmouth. Closing any other shipyard or combination of shipyards cannot be done within the excess capacity available at the remaining shipyards. Capacity data was collected across 35 commodity groups. For some of the commodities, there is currently insufficient excess capacity within the commodity to accept all the workload from a closing shipyard; however, when analyzing across the Navy's twenty-year Force Structure Plan, each commodity workload can be accommodated. NSYD Portsmouth was selected for closure, rather than NSYD Pearl Harbor, because it is the only closure which could eliminate excess capacity and satisfy Navy desires to strive to place ship maintenance capabilities close to the Fleet to: dry dock CVNs and submarines on both coasts and in the central Pacific; refuel/de-fuel/inactivate nuclear-powered ships; and dispose of inactivated nuclear-powered ship reactor compartments. It was the military judgment of the Industrial Joint Cross Service Group that closing NSYD Portsmouth provides the highest overall military value to the Department. Additional savings, not included in the payback analysis, are anticipated from reduced unit costs at the receiving shipyards because of the higher volume of work.

Relocating the ship depot repair function and SUBMEPP removes the primary missions from NSYD Portsmouth and eliminates or moves the entirety of the workforce at NSYD Portsmouth except for those personnel associated with the base operations support (BOS) function. NSYD Portsmouth is not suitable for use as an operational homeport as reflected in its low military value score as compared to other installations in the Surface/Subsurface function. Its berthing capacity is not required to support the Force Structure Plan. Therefore, closure of NSYD Portsmouth is appropriate.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$449.31 million. The net of all costs and savings during the implementation period is a savings of \$57.93 million. Annual recurring savings to the Department after implementation are \$138.12 million with a payback expected in three

years. The net present value of the costs and savings to the Department over 20 years is a savings of \$1.39 billion.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 9,166 jobs (4,510 direct jobs and 4,656 indirect jobs) over the 2006-2011 period in the Portland-South Portland-Biddeford, ME Metropolitan Statistical Area, which is 2.76 percent of the economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces and personnel.

Environmental Impact: A review of environmental resource areas indicates there are no substantial environmental impacts occasioned by this recommendation.

Naval Shipyard Norfolk is in Maintenance for 1-Hour Ozone and marginal non-attainment for 8-Hour Ozone. A Conformity Determination is not required. Consultation with the State Historical Preservation Office (SHPO) will be required. The scenario will increase waste volumes. The scenario will increase usage of water resources. Naval Shipyard Norfolk discharges to an impaired waterway. Groundwater and surface water contamination is reported. There are no anticipated impacts regarding the resource areas of Dredging, Land Use, Marine Mammals, Noise, Threatened and Endangered Species and Wetlands.

Naval Station Bremerton is in attainment. Consultation with the State Historical Preservation Office (SHPO) and the Suquamish Tribe will be required. Waste volumes will increase by 200 thousand pounds annually. Naval Station Bremerton has 16% of the station listed as wetlands. Infracation onto these wetlands could create a problem requiring mitigation. There are no impacts anticipated for Dredging, Land Use, Marine Mammals, Noise, Threatened & Endangered Species or Water Resources.

Naval Station Pearl Harbor is in attainment. No impacts are anticipated for Cultural Resources, Dredging, Land Use, Marine Mammals, Noise, Threatened and Endangered Species, Waste Management, Water resources, or Wetlands. Overall, there are no known environmental impediments to implementation of this recommendation.

This recommendation indicates impacts of costs at the installations involved. The closing installation, Naval Shipyard Portsmouth, reports costs of approximately \$735 thousand for a Mutual Aid Agreement to provide Spill Response support to York County Maine, \$54 thousand to modify and air permit, \$216 thousand to remove tanks and dispose of material, \$2.1 million to drain down/clean processing units, \$1.2 million to

close Bulk storage tanks and \$269 thousand for NEPA EA/EIS. Naval Shipyard Norfolk reports \$400 thousand for a NEPA EA. These costs were included in the payback. There are no additional impacts of costs for waste management or environmental compliance activities. Because the Department has a legal obligation to perform environmental restoration regardless of whether an installation is closed, realigned, or remains open, this cost is not included in the payback calculation.

Attachments:

Supporting Information

COBRA Report

Economic Impact Report(s)

Installation Criterion 7 Profile(s)

Summary of Scenario Environmental Impacts Report

Candidate Recommendation # DON-0133 Supporting Information:

Potential Competing Recommendations: None. This recommendation is enabled by, and fully incorporates, IND-0056 that relocates the depot maintenance mission from NSYD Portsmouth to other shipyards and relocates SUBMEPP to NSYD Norfolk.

Force Structure Capabilities:

Initial JCSG analysis of the ship repair depot function was conducted upon certified data relating to current capability and military value. The results of that analysis were then compared to the capabilities identified by the Navy to support the 20-year Force Structure Plan. The totality of recommendations for the Surface-Subsurface Operations functions retains sufficient facilities to ensure the Department will be able to support the force structure plan.

Military Value Analysis Results:

A detailed list of military value scores for ship depot repair activities is attached. This recommendation relocates the ship depot repair function from NSYD Portsmouth, which ranks 3rd among 9 depot activities, to NSYD Norfolk, which ranks 2nd, to NSYD Puget Sound, which ranks 1st, and to NSYD Pearl Harbor, which ranks 4th. This recommendation also relocates the ship depot support function from SUBMEPP Portsmouth, which ranks 7th among 9 depot activities, to NSYD Norfolk, which ranks 2nd.

There are four Naval Shipyards performing depot-level ship refueling, modernization, overhaul and repair work: NSYD Norfolk, NSYD Pearl Harbor, NSYD Portsmouth and NSYD Puget Sound. NSYD Norfolk and NSYD Puget Sound are substantially larger than NSYD Pearl Harbor and NSYD Portsmouth. There is sufficient excess capacity in the aggregate across the four shipyards to close either NSYD Pearl Harbor or NSYD Portsmouth. Closing any other shipyard or combination of shipyards cannot be done within the excess capacity available at the remaining shipyards. Capacity data was collected across 35 commodity groups. For some of the commodities, there is currently insufficient excess capacity within the commodity to accept all the workload from a closing shipyard; however, when analyzing across the Navy's twenty-year Force Structure Plan, each commodity workload can be accommodated. The quantitative Military Value scores from the analysis of the four Naval Shipyards are: NSYD Puget Sound, 0.7480; NSYD Norfolk, 0.7339; NSYD Portsmouth, 0.6444; and NSYD Pearl Harbor, 0.6208. Although NSYD Portsmouth has a higher quantitative military value as a shipyard than NSYD Pearl Harbor, NSYD Portsmouth was selected for closure, rather than NSYD Pearl Harbor, because it is the only closure which could eliminate excess capacity and satisfy Navy guidance to strive to place ship maintenance capabilities close to the Fleet to: dry dock CVNs and submarines on both coasts and in the central Pacific;

refuel/de-fuel/inactivate nuclear-powered ships; and dispose of inactivated nuclear-powered ship reactor compartments. It was the military judgment of the Industrial JCSG that closing NSYD Portsmouth provides the highest overall military value to the Department.

The Navy determined the military value of activities performing the Surface-Subsurface Operations function. NSYD Portsmouth ranked 15th of 29 activities in this functional area and had a Military Value score of 48.21 which was below the mean Military Value score for all installations capable of performing the Surface-Subsurface Operations Function (50.61) and well below the mean Military Value score of “active bases” (55.64). The closure of NSYD Portsmouth would, therefore, result in an increase of the average Military Value of the remaining bases performing the Surface-Subsurface Operations Function.

Arrayed Military Value Results for Surface-Subsurface Operations

Ranking	DoN Installation	Military Value Score
1	NS PEARL HARBOR HI	74.50
2	NS NORFOLK VA	67.51
3	NAVSHIPYD NORFOLK VA	64.03
4	SUBASE KINGS BAY GA	63.51
5	NS BREMERTON WA	63.25
6	SUBASE BANGOR WA	62.98
7	NS SAN DIEGO CA	61.43
8	NAS NORTH ISLAND CA	59.68
9	SUBASE SAN DIEGO CA	58.29
10	NAVMAG PEARL HARBOR	58.24
11	NAB LITTLE CREEK VA	55.90
12	NS MAYPORT FL	55.71
13	NS EVERETT WA	50.68
14	SUBASE NEW LONDON CT	50.68
15	NAVSHIPYD PORTSMOUTH NH	48.21
16	COMNAVMARIANAS GU	47.67
17	NAS PENSACOLA FL	45.85
18	BLOUNT ISLAND CMD JAX FL	45.78
19	WPNSTA YORKTOWN VA	44.91
20	WPNSTA CHARLESTON SC	43.31
21	NB VENTURA CTY PT MUGU CA	42.86
22	NS NEWPORT RI	42.36
23	NS INGLESIDE TX	42.23
24	NAS KEY WEST FL	40.59
25	WPNSTA EARLE COLTS NECK NJ	39.07
26	NAVORDTESTU CAPE CANAVERAL FL	37.71
27	NS PASCAGOULA MS	37.08
28	NSA PANAMA CITY FL	33.73
29	WPNSTA SEAL BEACH at CONCORD CA	30.82

Shaded Activities Represent "Non-Active" Bases

Capacity Analysis Results:

Please see attached for discussion of the JCSG capacity analysis supporting the industrial functions captured by this recommendation.

NSYD Portsmouth has a capacity of 16.25 Cruiser Equivalents (CGE). For the Surface-Subsurface Operations function, current capacity is 352 CGE. This is based on a maximum potential capacity of 578 CGEs that includes non-active bases (shipyards, weapon stations, and other bases not currently organized as an operational base). These non-operational bases are not suitable for homeporting surface and subsurface ships and thus are not considered excess capacity for this function. However, these bases are available to meet any surge or other emergent requirements due to operational tempo or need for homeport change flexibility.

Surface-Subsurface Operations Function - Capacity Analysis Results

<u>Installation</u>	<u>Available Capacity (Cruiser Equivalents- CGE)</u>
Active Homeports	
NAVSTA NORFOLK	97.25
NAVSTA SAN DIEGO	87
NAVSTA PEARL HARBOR	50.25
NAVSTA BREMERTON	14
NAVSTA MAYPORT	32.5
NAVPHIBASE LITTLE CREEK	27
NAS NORTH ISLAND	20
SUBASE NEW LONDON	16.25
NAVSTA INGLESIDE	13.5
SUBASE KINGS BAY	13.5
NAVSTA EVERETT	12
COMNAVMARIANAS GU	11
SUBBASE SAN DIEGO	10.5
WEPSTA EARLE	8
SUBASE BANGOR	7.75
NAVSTA PASCAGOULA	5.5
Total	426
WEAPSTAs	
WPNSTA CHARLESTON	12
NAVMAG PEARL HARBOR	4.5
WPNSTA YORKTOWN	3
NAVWPNSTA SEAL BCH DET CONCORD CA	3
Total	22.5

<u>SHIPYARDS</u>	
NAVSHIPYD NORFOLK	28.75
NAVSHIPYD PORTSMOUTH	16.25
NAVSHIPYD PEARL HARBOR	21.5
NAVSHIPYD PUGET SOUND	28
Total	94.5
<u>OTHER</u>	
NAS KEY WEST	8
NAS PENSACOLA	7.5
NAVSTA NEWPORT	5
NAVBASE VENTURA COUNTY CA	5
NAVORDTESTU	4
NAVSUPPACT PANAMA CITY	3
BLOUNT ISLAND CMD	2
Total	34.5
Non-Active Total	151.5
Grand Total	578



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Justification

- ✓ Reduces excess capacity, moves workload to the three remaining shipyards.
- ✓ This recommendation closes the installation fence line and relocates or eliminates the remaining personnel.
- ✓ Saves \$\$ by closing entire installation.
- ✓ Surface-Subsurface Operations berthing capacity not required to support the Force Structure Plan.
- ✓ Incorporates IND-0056

Military Value

- ✓ NSYD Portsmouth is ranked 3rd of four shipyards, and 3rd of 9 ship depot level activities.
- ✓ Military Judgment: Closure of Portsmouth NSYD eliminates excess capacity and satisfies the Department desires to place ship maintenance close to the fleet.
- ✓ Increases average military value of the Surface-Subsurface Operations function from 50.61 to 50.70.
- ✓ Ranked 15th of 29 Bases in the Surface-Subsurface Operations function.

Payback

- ✓ One Time Cost: \$449.31M
- ✓ Net Implementation Savings: \$57.93M
- ✓ Annual Recurring Savings: \$138.12M
- ✓ Payback: 3 years
- ✓ NPV Savings: \$1.4B

Impacts

- ✓ Criteria 6: -9,166 jobs; 2.76% job loss
- ✓ Criteria 7: No substantial impact.
- ✓ Criteria 8: No substantial impact.

- ✓ Strategy
- ✓ Capacity Analysis/Data Verification
- ✓ JCSG/MilDep Recommended
- ✓ De-conflicted w/JCSGs
- ✓ COBRA
- ✓ Military Value Analysis/Data Verification
- ✓ Criteria 6-8 Analysis
- ✓ De-conflicted w/MilDeps

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0133: Close Naval Shipyard Portsmouth, ME

The data in this report is rolled up by Region of Influence

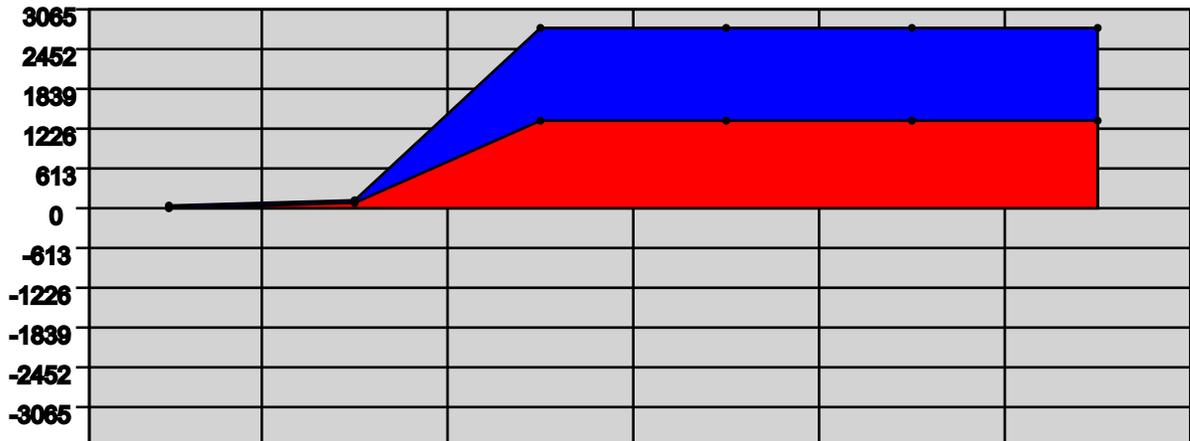
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Bremerton-Silverdale, WA Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	238,510
ROI Employment (2002):	119,170
Authorized Manpower (2005):	13,927
Authorized Manpower(2005) / ROI Employment(2002):	11.69%
Total Estimated Job Change:	2,788
Total Estimated Job Change / ROI Employment(2002):	2.34%

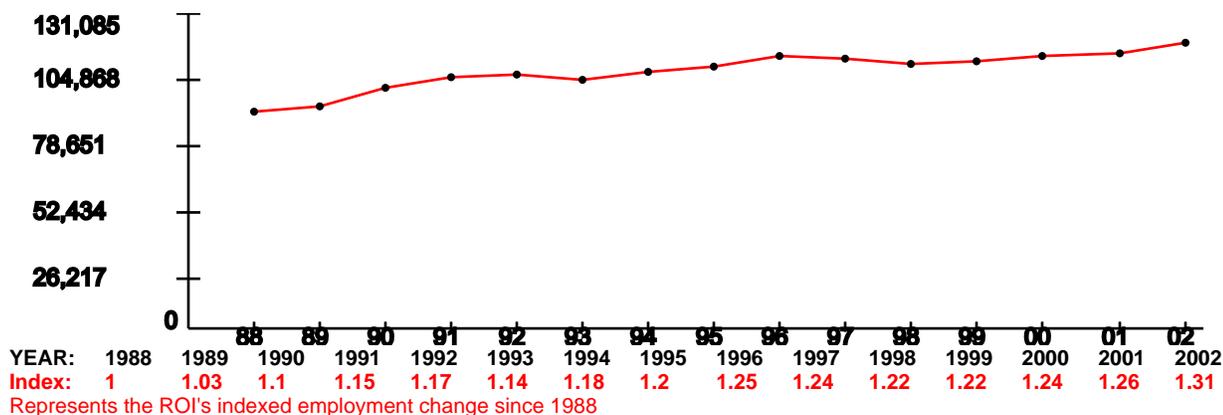
Cumulative Job Change (Gain/Loss) Over Time:



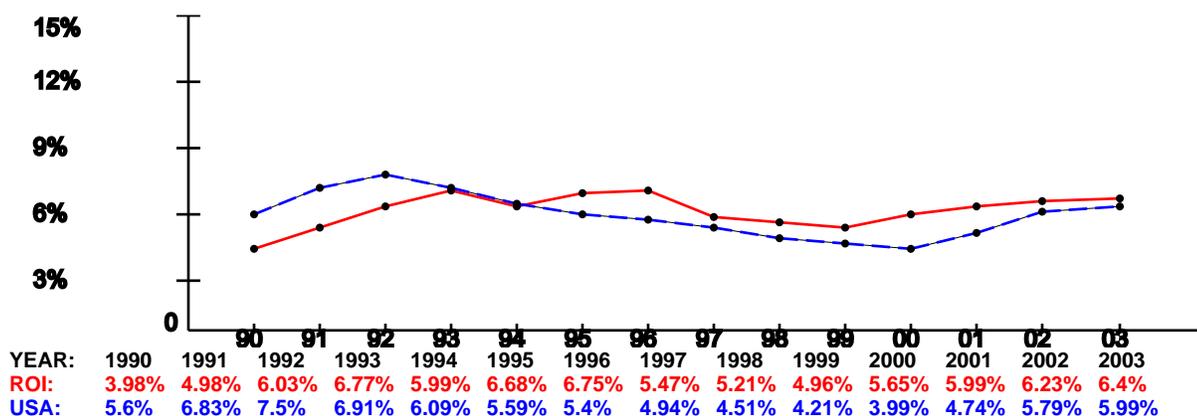
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civilian:	16	49	1293	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	16	65	1358	1358	1358	1358
Cum Indlr/Induc:	17	68	1430	1430	1430	1430
Cumulative Total:	33	133	2788	2788	2788	2,788

Bremerton-Silverdale, WA Metropolitan Statistical Area Trend Data

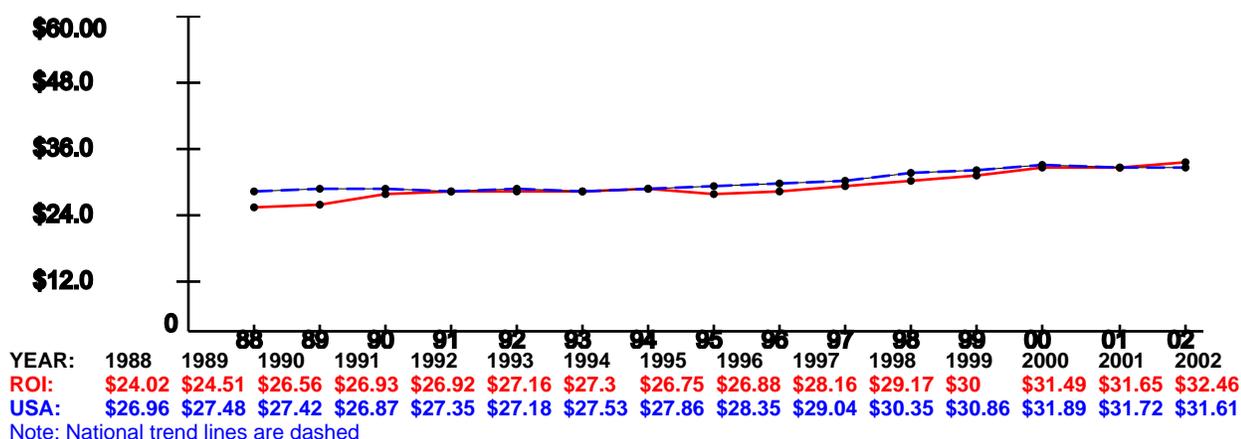
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



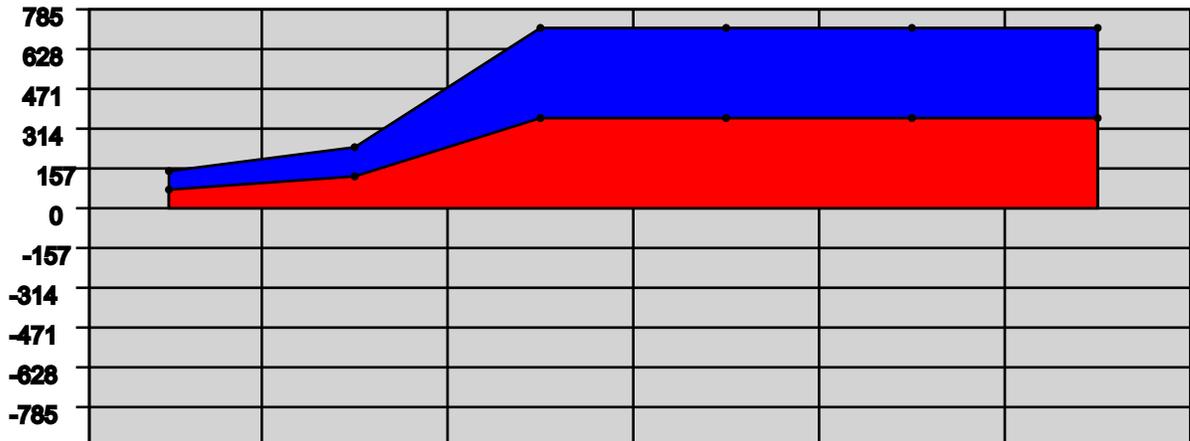
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Honolulu, HI Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	892,562
ROI Employment (2002):	573,389
Authorized Manpower (2005):	40,537
Authorized Manpower(2005) / ROI Employment(2002):	7.07%
Total Estimated Job Change:	714
Total Estimated Job Change / ROI Employment(2002):	0.12%

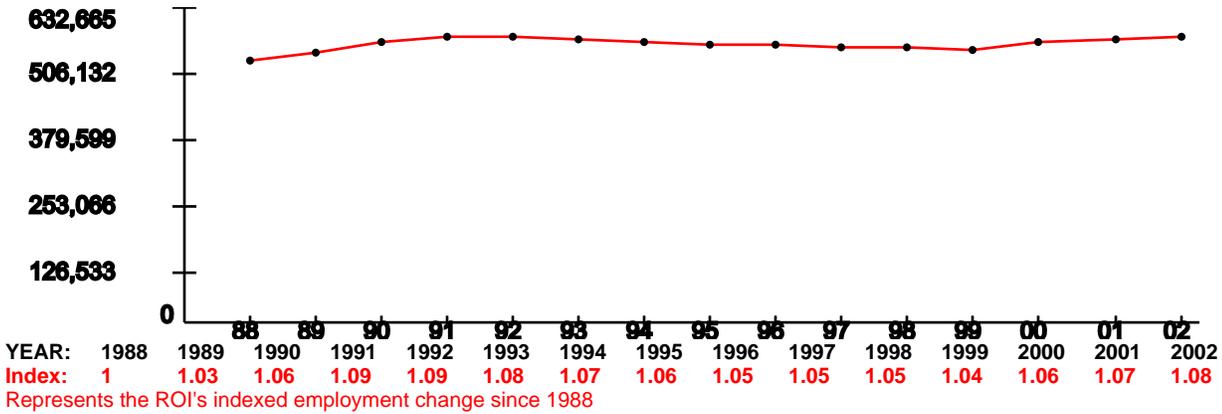
Cumulative Job Change (Gain/Loss) Over Time:



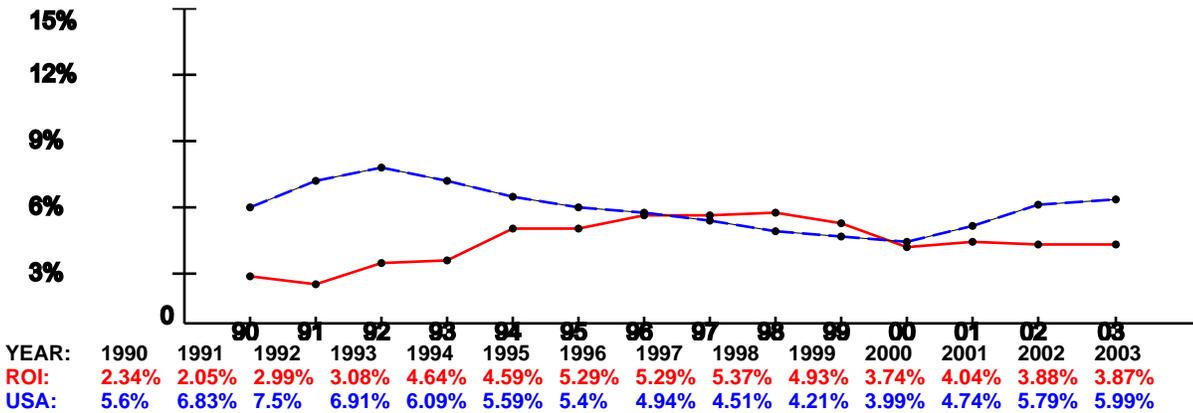
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civllian:	71	50	236	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	71	121	357	357	357	357
Cum Indlr/Induc:	71	121	357	357	357	357
Cumulative Total:	142	242	714	714	714	714

Honolulu, HI Metropolitan Statistical Area Trend Data

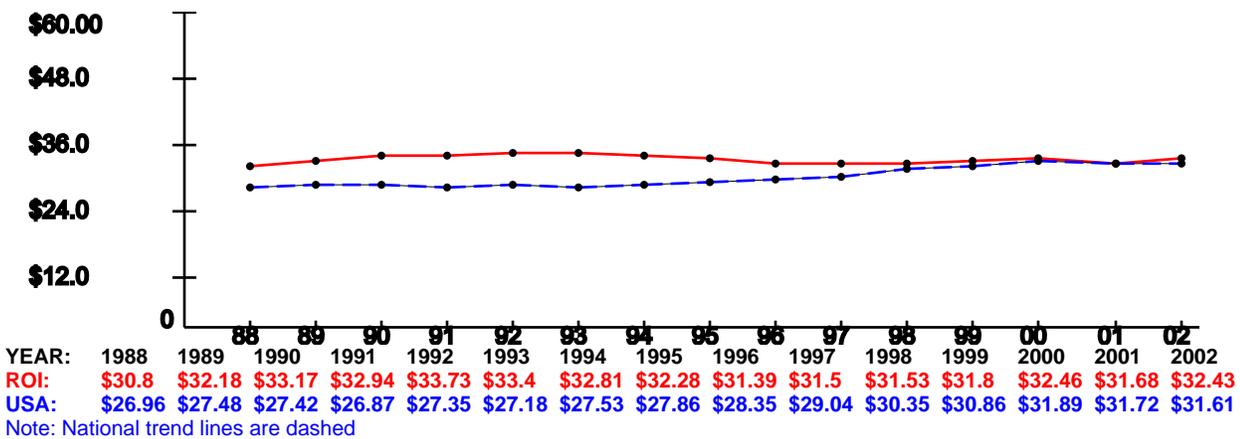
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



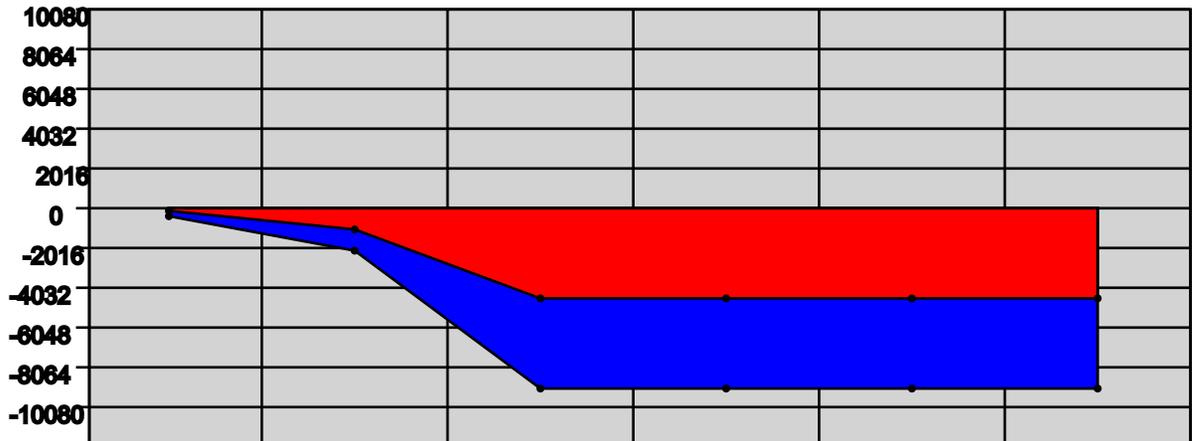
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Portland-South Portland-Biddeford ME Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 500,314
 ROI Employment (2002): 331,655
 Authorized Manpower (2005): 5,743
 Authorized Manpower(2005) / ROI Employment(2002): 1.73%
 Total Estimated Job Change: -9,166
 Total Estimated Job Change / ROI Employment(2002): -2.76%

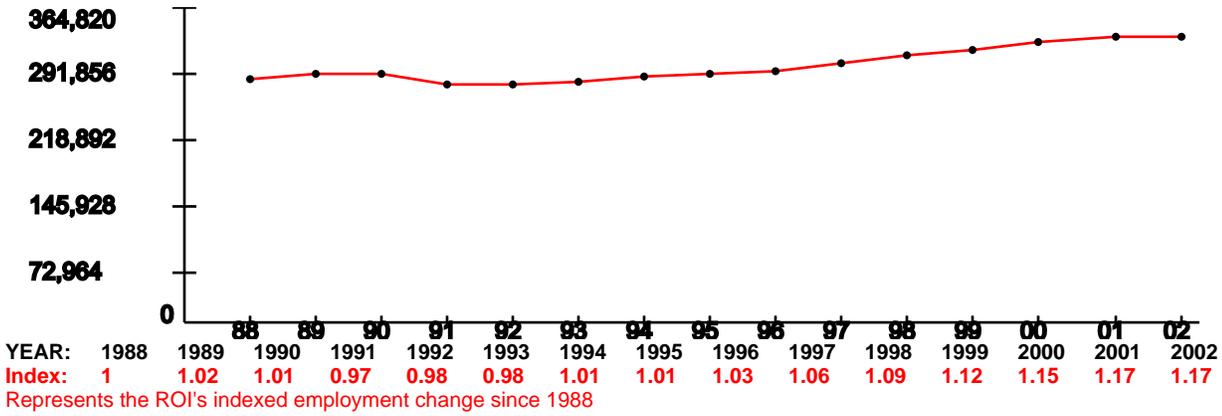
Cumulative Job Change (Gain/Loss) Over Time:



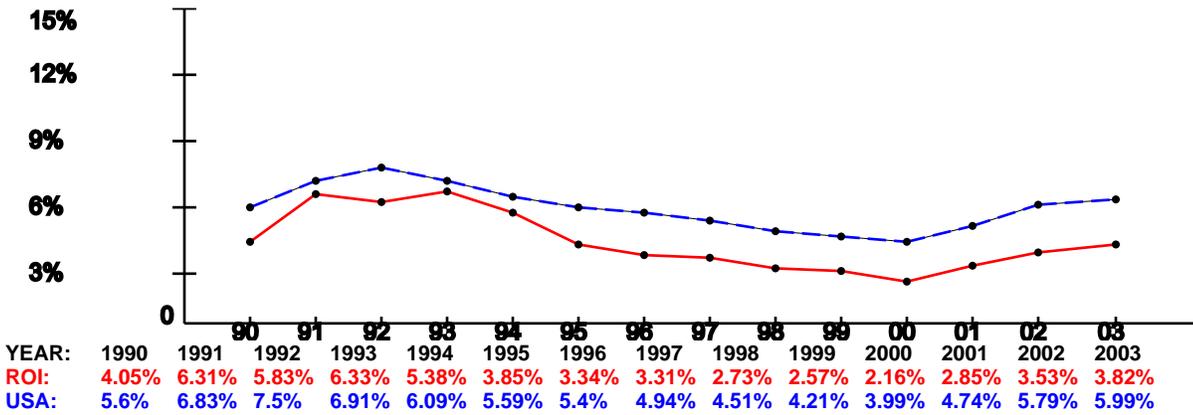
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	-201	0	0	0
Direct Civilian:	-182	-870	-2980	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	-277	0	0	0
Cumulative Direct:	-182	-1052	-4510	-4510	-4510	-4510
Cum Indlr/Induc:	-193	-1116	-4656	-4656	-4656	-4656
Cumulative Total:	-375	-2168	-9166	-9166	-9166	-9,166

Portland-South Portland-Biddeford ME Metropolitan Statistical Area Trend Data

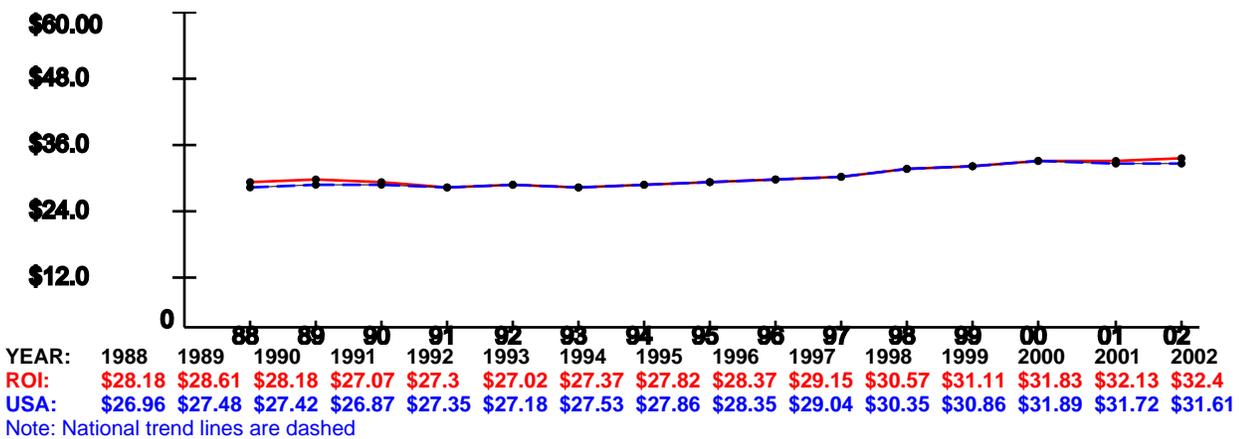
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



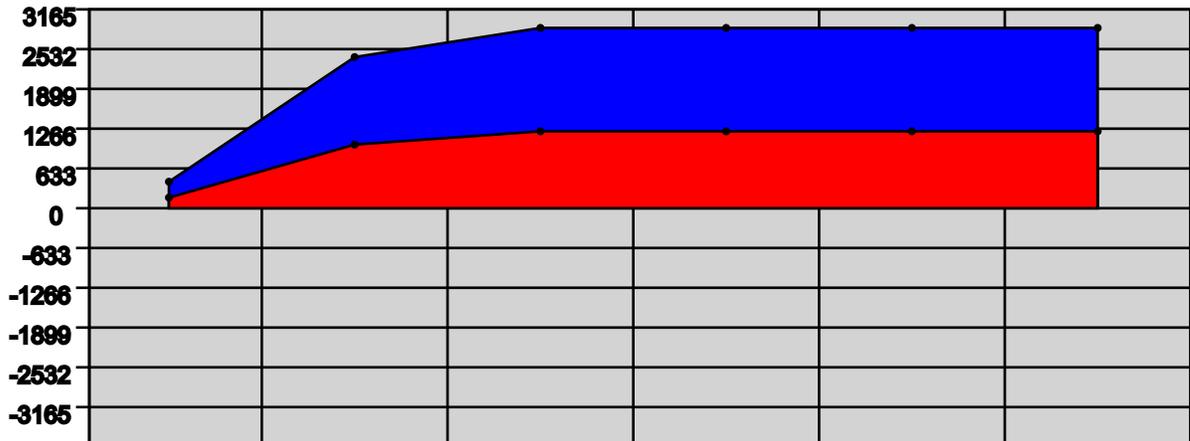
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 1,613,728
 ROI Employment (2002): 978,888
 Authorized Manpower (2005): 10,474
 Authorized Manpower(2005) / ROI Employment(2002): 1.07%
 Total Estimated Job Change: 2,880
 Total Estimated Job Change / ROI Employment(2002): 0.29%

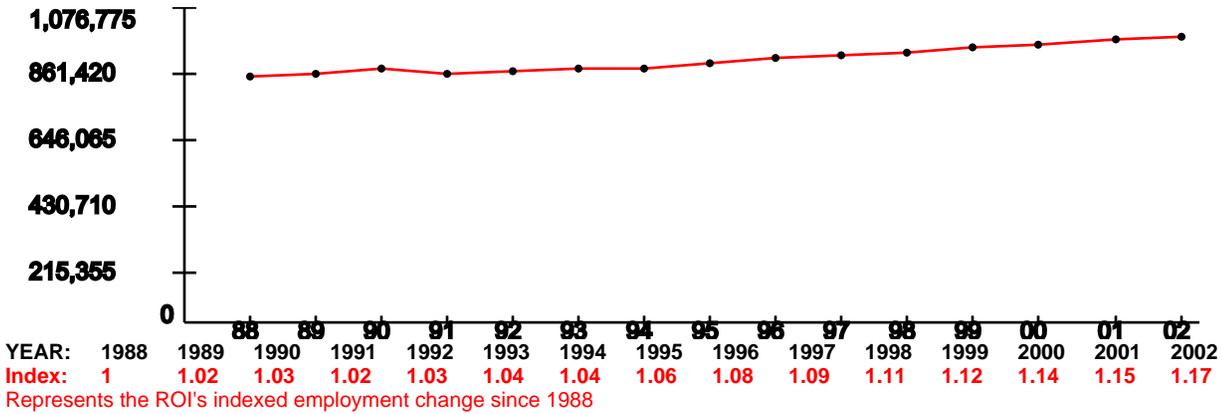
Cumulative Job Change (Gain/Loss) Over Time:



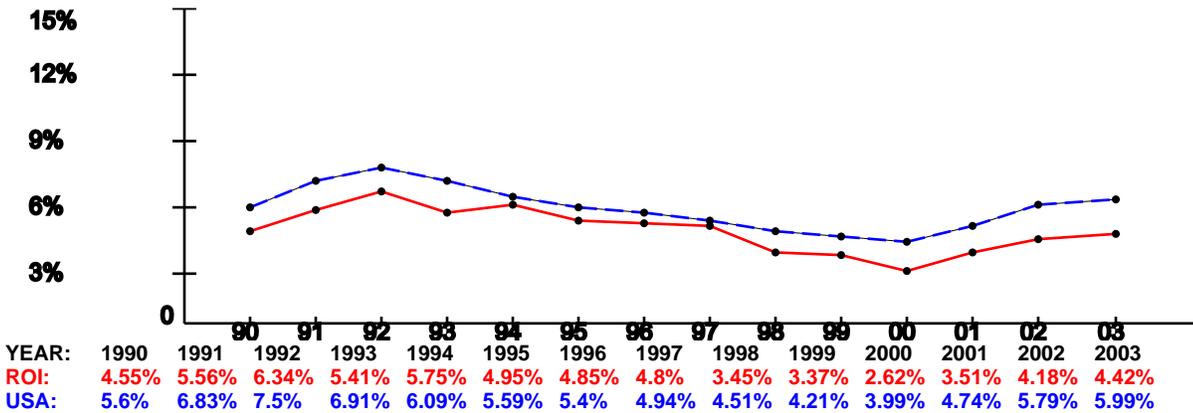
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civilian:	182	821	202	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	182	1003	1205	1205	1205	1205
Cum Indlr/Induc:	253	1394	1675	1675	1675	1675
Cumulative Total:	435	2397	2880	2880	2880	2,880

Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area Trend Data

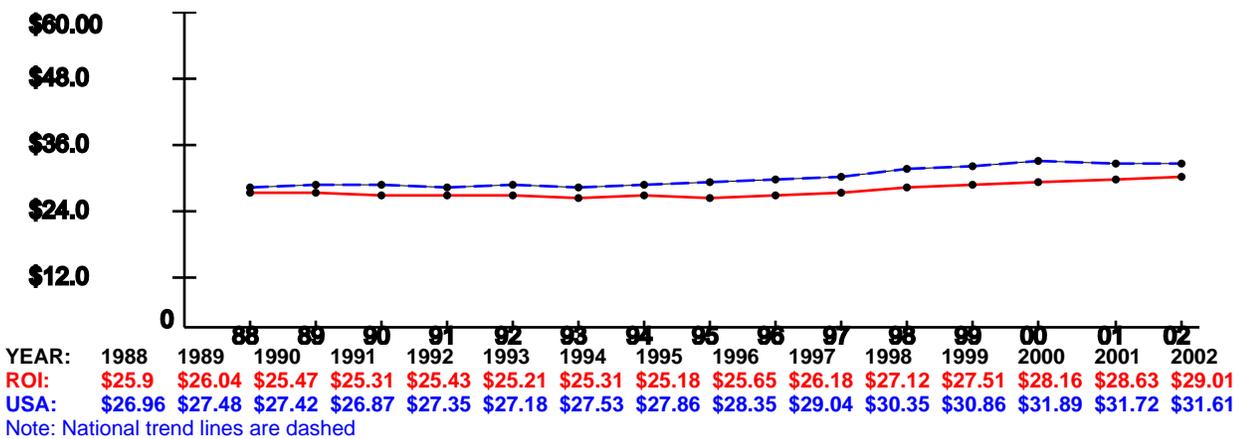
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



NAVSHIPYD_NORFOLK_VA, VA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSHIPYD_NORFOLK_VA is within Norfolk, VA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Norfolk-Virginia Beach-Newport News, VA-NC MSA	1,569,541

The following entities comprise the military housing area (MHA):

County/City	Population
Chesapeake City	199184
Currituck	18190
Fredericksburg City	19279
Isle Of Wight	29728
Norfolk City	234403
Portsmouth City	100565
Suffolk City	63677
Virginia Beach City	425257
Total	1,090,283

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 14

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg \$41,994)	\$42,448	Basis: MSA
Median House Value	(US Avg \$119,600)	\$110,100	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,130	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State		No	

This document may contain information protected from disclosure by public law, regulations or orders.

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: “MFR”--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	261,458	7 of 7 districts
Students Enrolled	244,632	7 of 7 districts
Average Pupil/Teacher Ratio	12.7:1	7 of 7 districts
High School Students Enrolled	68,785	7 of 7 districts
Average High School Graduation Rate (US Avg 67.3%)	82.0%	7 of 7 districts
Average Composite SAT I Score (US Avg 1026)	962	7 of 7 districts
Average ACT Score (US Avg 20.8)	20	7 of 7 districts
Available Graduate/PhD Programs	12	
Available Colleges and/or Universities	17	
Available Vocational and/or Technical Schools	15	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	3.4%	2.6%	3.5%	4.2%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	.1%	1.4%	.9%	1.8%	1.9%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	41,676	Basis: MSA
Vacant Sale Units	7,856	
Vacant Rental Units	13,560	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	3,599	2,936	1,569,541	Basis: MSA
Ratio	1:436	1:535		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	4,478.8	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSHIPYD_NORFOLK_VA to nearest commercial airport: 9.2 miles

Is NAVSHIPYD_NORFOLK_VA served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

NAVSHIPYD_PORTSMOUTH_NH, NH

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSHIPYD_PORTSMOUTH_NH is 47.6 miles from Manchester, NH, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	6,057,826

The following entities comprise the military housing area (MHA):

County/City	Population
Rockingham	277359
Strafford	112233
York	186742
Total	576,334

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 6

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg \$41,994)	\$52,306	Basis: MSA
Median House Value	(US Avg \$119,600)	\$190,000	
GS Locality Pay	("Rest of US" 10.9%)	17.0%	
O-3 with Dependents BAH Rate		\$2,079	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		No	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

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NOTE: “MFR”--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	30,602	22 of 22 districts
Students Enrolled	26,586	22 of 22 districts
Average Pupil/Teacher Ratio	13.0:1	22 of 22 districts
High School Students Enrolled	9,031	10 of 10 districts
Average High School Graduation Rate (US Avg 67.3%)	90.6%	10 of 10 districts
Average Composite SAT I Score (US Avg 1026)	1029	9 of 10 districts, 1 MFR
Average ACT Score (US Avg 20.8)	22	7 of 10 districts, 3 MFRs
Available Graduate/PhD Programs	5	
Available Colleges and/or Universities	7	
Available Vocational and/or Technical Schools	1	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	2.7%	2.8%	3.5%	4.7%	4.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	1.9%	3.4%	1.0%	-1.5%	-.3%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	103,171	Basis: MSA
Vacant Sale Units	12,534	
Vacant Rental Units	30,526	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	21,875	12,720	6,057,826	Basis: MSA
Ratio	1:277	1:476		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	2,919.5	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSHIPYD_PORTSMOUTH_NH to nearest commercial airport: 4.5 miles
 Is NAVSHIPYD_PORTSMOUTH_NH served by regularly scheduled public transportation? No

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

NAVSTA_EVERETT_WA, WA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_EVERETT_WA is 33 miles from Seattle, WA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Seattle-Bellevue-Everett, WA PMSA	2,414,616

The following entities comprise the military housing area (MHA):

County/City	Population
Island	71558
Snohomish	606024
Total	677,582

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 6

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg \$41,994)	\$52,804	Basis: MSA
Median House Value	(US Avg \$119,600)	\$223,100	
GS Locality Pay	("Rest of US" 10.9%)	15.1%	
O-3 with Dependents BAH Rate		\$1,374	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		No	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: "MFR"--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For

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each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	118,741	14 of 14 districts
Students Enrolled	106,984	14 of 14 districts
Average Pupil/Teacher Ratio	18.9:1	14 of 14 districts
High School Students Enrolled	34,244	13 of 14 districts, 1 MFR
Average High School Graduation Rate (US Avg 67.3%)	65.5%	13 of 14 districts, 1 MFR
Average Composite SAT I Score (US Avg 1026)	1051	11 of 14 districts, 3 MFRs
Average ACT Score (US Avg 20.8)	23	9 of 14 districts, 5 MFRs
Available Graduate/PhD Programs	8	
Available Colleges and/or Universities	8	
Available Vocational and/or Technical Schools	2	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	3.4%	3.7%	5.2%	6.8%	7.1%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.4%	-3.1%	-1.6%	.7%	-.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 2 counties				

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	47,268	Basis: MSA
Vacant Sale Units	9,051	
Vacant Rental Units	17,893	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	7,428	3,730	2,414,616	Basis: MSA
Ratio	1:325	1:647		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	5,219.5	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSTA_EVERETT_WA to nearest commercial airport: 49.4 miles
 Is NAVSTA_EVERETT_WA served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

NAVSTA_NORFOLK_VA, VA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_NORFOLK_VA is within Norfolk, VA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Norfolk-Virginia Beach-Newport News, VA-NC MSA	1,569,541

The following entities comprise the military housing area (MHA):

County/City	Population
Chesapeake City	199184
Currituck	18190
Fredericksburg City	19279
Isle Of Wight	29728
Norfolk City	234403
Portsmouth City	100565
Suffolk City	63677
Virginia Beach City	425257
Total	1,090,283

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 14

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg \$41,994)	\$42,448	Basis: MSA
Median House Value	(US Avg \$119,600)	\$110,000	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,130	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State		No	

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Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: “MFR”--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	266,811	8 of 8 districts
Students Enrolled	246,945	8 of 8 districts
Average Pupil/Teacher Ratio	12.6:1	8 of 8 districts
High School Students Enrolled	69,791	8 of 8 districts
Average High School Graduation Rate (US Avg 67.3%)	83.4%	8 of 8 districts
Average Composite SAT I Score (US Avg 1026)	971	8 of 8 districts
Average ACT Score (US Avg 20.8)	20	8 of 8 districts
Available Graduate/PhD Programs	12	
Available Colleges and/or Universities	17	
Available Vocational and/or Technical Schools	15	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	3.4%	2.6%	3.5%	4.2%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	.1%	1.3%	1.1%	1.7%	1.9%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	41,676	Basis: MSA
Vacant Sale Units	7,856	
Vacant Rental Units	13,560	

Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	3,599	2,936	1,569,541	Basis: MSA
Ratio	1:436	1:535		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	4,478.8	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSTA_NORFOLK_VA to nearest commercial airport: 8.0 miles
 Is NAVSTA_NORFOLK_VA served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

NAVSTA_PEARL_HARBOR_HI, HI

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_PEARL_HARBOR_HI is within Honolulu, HI, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Honolulu, HI MSA	876,156

The following entities comprise the military housing area (MHA):

County/City	Population
Honolulu	876156
Kauai	58463
Total	934,619

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 52

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities. For median household income and house value, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Median Household Income	(US Avg \$41,994)	\$51,914	Basis: MSA
Median House Value	(US Avg \$119,600)	\$309,000	
GS Locality Pay	("Rest of US" 10.9%)	25.0%	
O-3 with Dependents BAH Rate		\$2,089	
In-state Tuition for Family Member		Yes	
In-state Tuition Continues if Member PCSs Out of State		No	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: "MFR"--means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information. For

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each entry, the number of school districts for which data are available of the total number of school districts reported, and the number of MFRs is indicated.

		Basis
School District(s) Capacity	135,540	1 of 1 district
Students Enrolled	122,635	1 of 1 district
Average Pupil/Teacher Ratio	17.7:1	1 of 1 district
High School Students Enrolled	10,596	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	79.8%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	1002	1 of 1 district
Average ACT Score (US Avg 20.8)	22	1 of 1 district
Available Graduate/PhD Programs	7	
Available Colleges and/or Universities	16	
Available Vocational and/or Technical Schools	10	

Employment

Unemployment and job growth rates provide an indicator of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

The unemployment rates for the last five years:

	1999	2000	2001	2002	2003
Local Data	4.9%	3.7%	4.0%	3.9%	3.9%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	-.4%	1.3%	-2.9%	2.6%	1.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: According to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal total Vacant Housing Units. Vacant housing units may also include units that are vacant but not on the market for sale or rent. For each entry, the basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

Total Vacant Housing Units	29,538	Basis: MSA
Vacant Sale Units	3,007	
Vacant Rental Units	12,286	

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Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population. The basis of the data (either MSA or number of counties in the MHA or the county of the installation) is indicated.

	# Physicians	# Beds	Population	
Local Community	2,571	1,804	876,156	Basis: MSA
Ratio	1:341	1:486		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002 is provided. The basis of the data (either MSA or state) is indicated.

Local UCR	6,360.4	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from NAVSTA_PEARL_HARBOR_HI to nearest commercial airport: 2.3 miles

Is NAVSTA_PEARL_HARBOR_HI served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Summary of Scenario Environmental Impacts

DON Scenario: DON-0133 (DON Installations only)

Action 1: Close all base operations at Naval Shipyard Portsmouth, Kittery, ME. (DON-0133)

Action 2: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD NORFOLK VA.

Action 3: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD PUGET SOUND WA.

Action 4: Consolidate NAVSHIPYD PORTSMOUTH NH with NAVSHIPYD PEARL HARBOR, HI.

Action 11: Consolidate SUBMEPP PORTSMOUTH with NAVSHIPYD NORFOLK VA.

(Actions 5-10 deleted)

General Environmental Impacts

Environmental Resource Area	Naval Shipyard Portsmouth (Installation Closed)	Naval Shipyard Norfolk (Gaining Installation)	Naval Station Bremerton (NSY Puget Sound) (Gaining Installation)	Naval Station Pearl Harbor (NSY Pearl Harbor Gaining Installation)
Air Quality	Slight Improvement to Air Quality	Possible Impact from additional functions. Scenario would result in an estimated net personnel increase of 3,083 people at the receiving facility. The estimated additional NOx emissions for this number of people is 62.8 tons/yr. Based on a Conformity Determination triggering threshold of 100 tons/yr, this level of increased emissions would	No impact. In attainment.	No impact.

		not trigger a formal Conformity Determination. Naval Shipyard Norfolk is in Maintenance for 1 Hour Ozone, and Marginal Non attainment for the 8-hour Ozone.		
Cultural/ Archeological/ Tribal Resources	No impact.	Some buildings are listed as State of Virginia historical sites. However, the new functions proposed at NNSY will require simple facility modifications that the State Historical Preservation Office has approved in the past.	The new mission will not be constrained by cultural, archeological or tribal restriction, but consultation with SHPO and Suquamish Tribe will be necessary for most construction projects.	No impact.
Dredging	No impact.	No Impact.	No impact.	No impact.
Land Use Constraints/ Sensitive Resource Areas ESQD arcs	No impact.	No impact.	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Alleviates impacts to marine mammals.	No impact.	No impact.	No impact.
Noise	Reduces noise levels	No impact.	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.	NAVSTA Bremerton does not have a biological opinion. Threatened and endangered species are present no impacts are anticipated.	No impact.

Waste Management	Reduces waste disposals associated with the lost assets.	Possible impact. Increased waste volumes can be accommodated without significant changes to existing facilities and disposal mechanisms.	Possible impact. The solid waste burden is calculated at 4.5 pounds per person per day. Based upon the personnel movement identified in the scenario, the increase in the solid waste burden would be 200K pounds annually.	No impact.
Water Resources	Reduces water usage associated with the lost assets.	Possible impact. Increased usage of water resources. Naval Shipyard Norfolk discharges to an impaired waterway. Groundwater and Surface water contamination is reported.	No impact.	No impact.
Wetlands	No impact.	No impact.	NAVSTA Bremerton has 16% of the station listed as wetlands. Infracation onto these wetlands could create a problem requiring mitigation.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Shipyard Portsmouth (Installation Closed)	Naval Shipyard Norfolk (Gaining Installation)	Naval Station Bremerton (NSY Puget Sound) (Gaining Installation)	Naval Station Pearl Harbor (NSY Pearl Harbor Gaining Installation)
Environmental Restoration	DERA costs \$ 46.8M thru FY 03; with \$47.1 M CTC	DERA costs \$1.4 M thru FY 03; with \$3.7 M CTC	DERA costs \$70.3M thru FY03; \$27.5M CTC	NSY DERA costs \$20.9M thru FY03; \$11.1M CTC
Waste Management	None	None	None	None
Environmental Compliance	<p>\$735K Spill Response Capabilities. Via formal Mutual Aid Agreements, Portsmouth Naval Shipyard provides Hazardous Material Spill Response capability for York County in the State of Maine; and Oil Spill Response Capabilities in support of the regional Response Teams and the Piscataqua River Cooperative (PRC). These capabilities would no longer be available. Therefore, PRC has indicated that they will need to purchase \$735K of additional equipment if PNS capabilities were no longer available.</p> <p>\$54K – Modify Air permit.</p>	\$400K Environmental Assessment	None	None

	<p>\$216K – Remove tanks and dispose of material.</p> <p>\$2.1M – One time costs to drain down/clean processing units (ex: air emissions control devices, etc.)</p> <p>\$1.2M – Close Bulk storage tanks</p> <p>\$269K – EA/EIS</p>			
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IJCSG Summary Military Value Report for Shipyards

<i>Activity:</i>	<i>Score:</i>
NAVSHIPYD_PUGET_SOUND_WA	0.7480
NAVSHIPYD_NORFOLK_VA	0.7339
NAVSHIPYD_PORTSMOUTH_NH	0.6444
NAVSHIPYD_AND_IMF_PEARL_HARBOR_HI	0.6208
NNSY_DET_NAVFOUNDRYPROPCEN_PHIL_PA	0.2220
NAVSHIPYD_PUGET_SOUND_DET_BOSTON_MA	0.0872
SUBMEPP_PORTSMOUTH_NH	0.0630
NNSY_DET_NAVPESO_ANNAPOLIS_MD	0.0555
NNSY_DET_NAVSHIPSO_PHIL_PA	0.0546

IJCSG - Ship Repair and Overhaul Capacity Report - Capacity by Site

<i>Function</i>	<i>Site</i>	<i>Total Current Capacity (dlh(k))</i>	<i>Total Current Usage (dlh(k))</i>	<i>Maximum Capacity (dlh(k))</i>	<i>Capacity Required to Surge (dlh(k))*</i>	<i>Capacity Available to Surge/Excess Capacity (dlh(k))*</i>
<i>Depot Maintenance</i>						
	NAVSHIPYD_AND_IMF_PEARL_HARBOR_HI	6,832.2	5,377.9	7,695.7	0.0	2,317.8
	NAVSHIPYD_NORFOLK_VA	12,715.7	10,717.7	13,333.7	0.0	2,616.0
	NAVSHIPYD_PORTSMOUTH_NH	8,465.2	5,007.0	9,397.8	0.0	4,390.8
	NAVSHIPYD_PUGET_SOUND_DET_BOSTON_MA	234.5	232.7	234.5	0.0	1.8
	NAVSHIPYD_PUGET_SOUND_WA	12,332.1	10,840.7	12,436.6	0.0	1,595.9
	NNSY_DET_NAVFOUNDRYPROPCEN_PHIL_PA	234.1	301.3	240.4	0.0	-60.9
	NNSY_DET_NAVPESO_ANNAPOLIS_MD	24.9	24.3	24.9	0.0	0.6
	NNSY_DET_NAVSHIPSO_PHIL_PA	99.3	96.7	99.3	0.0	2.5
	SUBMEPP_PORTSMOUTH_NH	257.5	271.1	316.3	0.0	45.2

* For ship maintenance, it is not economical to maintain unused capacity dedicated to surge.

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