Department of the Navy
IAT

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RP-0431
IAT/REV
4 February 2005

MEMORANDUM FOR THE DON ANALYSIS GROUP (DAG)

Subj: REPORT OF DAG DELIBERATIONS OF 10 JANUARY 2005

Ref: (a) DON BRAC 2005 Objectives

Encl: (1) 10 January 2005 DAG Agenda
(2) COBRA Brief of 10 January 2005 for DON-0074A
(3) COBRA Brief of 10 January 2005 for DON-0154 and DON-0160
(4) Selection Criteria 6 through 8 Brief of 10 January 2005 for DON-0073, DON-0074A, DON-0075, DON-0154, and DON-0160
(5) COBRA Brief of 10 January 2005 for DON-0077 and DON-0155
(6) COBRA Brief of 10 January 2005 for DON-0079 and DON-0156
(7) Selection Criteria 6 through 8 Brief of 10 January 2005 for DON-0078, DON-0077, DON-0155, DON-0079, and DON-0156
(8) COBRA Brief of 10 January 2005 for DON-0132
(9) IAT HSA Regional Support Activities Functions Summary for Installation Management (IM) Regions and Others of 10 January 2005
(10) IAT HSA Scenario Summary Sheets of 10 January 2005
(11) COBRA and Risk Assessment Update Brief of 10 January 2005 for DON-0003, DON-0031, and DON-0032
(12) COBRA Brief (Revised) of 10 January 2005 for DON-0033 and DON-0034
(13) COBRA Brief (Revised) of 10 January 2005 for DON-0006A and DON-0007 and Selection Criteria 6 through 8 Brief for DON-0006A

1. The thirty-third deliberative session of the Department of the Navy (DON) Analysis Group (DAG) convened at 0940 on 10 January 2005 in the Infrastructure Analysis Team (IAT) conference room located at Crystal Plaza 6, 9th floor. The following members of the DAG were present: Ms. Anne R. Davis, Chair; Ms. Ariane Whittemore, Member; Mr. Thomas R. Crabtree, Member; BGen Martin Post, USMC, Member; Mr. Paul Hubbell, Member; Mr. Michael Jaggard, Member; and, Ms. Debra

Edmond, Member. MajGen Emerson N. Gardner Jr., USMC, Member, and Ms. Carla Liberatore, Member, did not attend the deliberative session. Additionally, Ronnie J. Booth, Navy Audit Service Representative; Mr. Thomas N. Ledvina, Navy Office of General Counsel, Representative; LtCol Anthony A. Wienicki, USMC; and, the following members of the IAT were present: Mr. Dennis Biddick, IAT Chief of Staff, Mr. David LaCroix, Senior Counsel; CDR Robert E. Vincent II, JAGC, USN, Recorder; and, Capt James A. Noel, USMC, Recorder. All attending DAG members were provided enclosures (1) through (13).

2. Ms. Davis reminded the DAG that, at its 4 January 2005 deliberative session, it assessed whether DON needed to promulgate a set of BRAC 2005 Objectives. At that deliberative session, the DAG decided to review five general DON BRAC 2005 Objectives contained within the BRAC 2005 Process briefing (these Objectives are a segment of the BRAC 2005 Process briefing that Ms. Davis has provided to senior DON officials) and evaluate if they provide DON with an ability to measure whether the BRAC 2005 process has satisfied overall DON objectives. Reference (a) pertains. The DAG determined that these five general DON BRAC 2005 Objectives would suffice for this purpose and, because they have already been provided to the DON senior leadership on several occasions, no further promulgation is required. Additionally, the DAG recognized that the BRAC 2005 Objectives are not intended to be limiting; rather, the Navy and Marine Corps could internally expand them as necessary.

3. CDR Robert S. Clarke, CEC, USN and CDR Jennifer R. Flather, SC, USN, members of the IAT HSA Team, and Mr. Jack Leather presented preliminary COBRA results for scenario DON-0074A, which would consolidate Naval Facilities Engineering Command (NAVFAC) Engineering Field Division (EFD) South, Charleston, SC, with NAVFAC Engineering Field Activity (EFA) Southeast, Jacksonville, FL; NAVFAC EFA Midwest, Great Lakes, IL; and, NAVFAC EFD Atlantic, Norfolk, VA. Enclosure (2) pertains. CDR Clarke and CDR Flather reminded the DAG that it reviewed the preliminary COBRA results for scenario DON-0074, which would consolidate EFD South with EFA Southeast and EFA Midwest, at its 20 December 2004 deliberative session. They informed the DAG that, subsequent to the 20 December 2004 DAG deliberative session, the IAT HSA Team consulted NAVFAC concerning scenario DON-0074 and modified the scenario in order to comply with NAVFAC's Transformation Plan, which is designed to consolidate facilities engineering support in all Navy regions and align NAVFAC with the Regional Command Structure being implemented by

Commander, Navy Installations (CNI). Accordingly, the IAT HSA Team, in consultation with NAVFAC, developed scenario DON-0074A, which realigns EFD South Echelon 4 elements to NAVFAC EFA Midwest and NAVFAC EFA Southeast and realigns EFD South Echelon 3 elements to NAVFAC EFD Atlantic. Slide 2 of enclosure (2) pertains.

4. Mr. Leather noted that an evaluation of the initial data concerning the one-time costs and steady-state savings reveals that the Payback is eight years and the 20-year net present value (NPV) savings would be approximately $20.4M. He contrasted this scenario with scenario DON-0074, which would take over 100 years to realize a Payback and reduce far fewer billets. See slides 3 and 4 of enclosure (2). Mr. Leather noted scenario DON-0074A includes approximately $10.8M in MILCON costs (primarily to construct a new general Administration building for the NAVFAC EFD South assets relocating to NAS Jacksonville). See slides 5 and 6 of enclosure (2). Mr. Leather then reviewed the recurring costs and savings for scenario DON-0074A. See slides 7 and 8 of enclosure (2).

5. The DAG recognized that scenario DON-0074A was an independent action that consolidated EFD South assets with the regions that NAVFAC EFD South currently supports. Additionally, the DAG noted that this consolidation would enhance the distribution of assets to both parent commands and future Facility Engineering Commands (FECs) and move NAVFAC EFD South out of leased space. The DAG determined that this scenario had a good return on investment and directed the IAT HSA Team to continue to refine the data, conduct Selection Criteria 6 through 8 analyses, and prepare a Candidate Recommendation Risk Assessment (CRRA) for the DAG's review.

6. CDR Clarke, CDR Flather, and Mr. Leather presented preliminary COBRA results for scenario DON-0154, which would relocate Navy Crane Center (NCC) from leased space in Lester, PA, to Norfolk Naval Shipyard (NNSY), Portsmouth, VA, and scenario DON-0160, which would relocate NCC from leased space in Lester to Philadelphia Naval Business Complex (PNBC), Philadelphia, PA. Enclosure (3) pertains. CDR Clarke and CDR Flather reminded the DAG that, at its 20 December 2004 deliberative session, it directed the IAT HSA Team to develop scenario data calls (SDC) to relocate NCC, both locally and to Norfolk, after reviewing scenario DON-0073, which would relocate NAVFAC EFA Northeast, the other Navy activity co-located in leased space in Lester, and allow a fenceline closure.

7. Mr. Leather noted that an evaluation of the initial data concerning the one-time costs and steady-state savings for scenario DON-0154 reveals that the Payback is five years and the 20-year NPV savings would be approximately $6.46M. Mr. Leather noted that the initial data indicates that the one-time costs for scenario DON-0154 totaled $3.78M and was primarily due to MILCON costs to rehabilitate facilities at NNSY and moving costs to relocate personnel to NNSY. See slides 3 through 6 of enclosure (3). CDR Clarke and CDR Flather informed the DAG that the one-time costs also included realignment of the Controlled Industrial Area fenceline within NNSY in order to accommodate Anti-Terrorism/Force Protection (AT/FP) requirements associated with the relocation of NCC to NNSY. Mr. Leather noted that the steady-state savings were low because the scenario did not eliminate any billets. See slide 4 of enclosure (3). CDR Clarke and CDR Flather informed the DAG that although a NCC Detachment is currently located at NNSY, it performs specific functions that are distinct from NCC. Accordingly, co-location of both facilities onboard NNSY would not automatically enable NCC to eliminate billets. Mr. Leather then reviewed the recurring costs and savings for scenario DON-0154 and noted that the most significant recurring savings would result from the elimination of property lease costs. See slides 7 and 8 of enclosure (3).

8. Mr. Leather noted that an evaluation of the initial data concerning the one-time costs and steady-state savings for scenario DON-0160 reveals that the Payback is two years and the 20-year NPV savings would be approximately $6.15M. Mr. Leather noted that the initial data indicates that the one-time costs for scenario DON-0160 totaled $973K. He explained that the costs were low due to the fact that the MILCON costs to rehabilitate facilities at PNBC were approximately $645K and there were no moving costs since PNBC is located less than 50 miles from NCC's present location. See slides 3, 5, and 6 of enclosure (3). Mr. Leather noted that the steady-state savings were low because the scenario did not eliminate any billets. See slide 4 of enclosure (3). CDR Clarke and CDR Flather noted that PNBC is not currently located within a DOD fenceline. Rather, it is located in a facility owned and operated by the city of Philadelphia. In order to accommodate the relocation of NCC, PNBC would need to comply with AT/FP requirements, which would necessitate additional one-time costs. Mr. Leather then reviewed the recurring costs and savings for scenario DON-0160 and noted that the most significant recurring savings would result from the elimination of property lease costs. See slides 7 and 8 of enclosure (3).

9. CDR Clarke and CDR Flather informed the DAG that NCC has indicated a preference to relocate to Norfolk rather than PNBC in order to achieve operational synergies. The DAG noted NCC's preference, discussed the preliminary COBRA results of both scenarios, and directed the IAT HSA Team to continue to refine the data, conduct Selection Criteria 6 through 8 analyses, and prepare a CRRA for both scenarios for the DAG's review.

10. CDR Clarke, CDR Flather, Mr. Leather, and CDR Margaret M. Carlson, JAGC, USN, used enclosure (4) to present updated COBRA results, Selection Criteria 6 through 8 analyses, and CRRA for five HSA DON Regional Support Activities (RSA) NAVFAC scenarios - DON-0073, DON-0074A, DON-0075, DON-0154, and DON-0160. They reminded the DAG that scenario DON-0073 would relocate NAVFAC EFA Northeast from leased spaces in Lester, PA, to SUBASE New London, CT and aligns with scenario DON-0040, a HSA DON RSA Installation Management (IM) Function scenario. They also reminded the DAG that scenario DON-0075 would consolidate NAVFAC EFA Northeast with FEC Mid-Atlantic, Norfolk, VA, and aligns with scenario DON-0041, another IM Function scenario.

11. Mr. Leather recapped the updated COBRA results, noting that an evaluation of the one-time costs and steady state savings for scenario DON-0073 indicates a Payback within seven years and that the 20-year NPV savings would be approximately $14.89M. He stated that the one-time costs and steady-state savings for scenario DON-0075 indicate a Payback within two years and that the NPV savings would be approximately $51.77M. See slide 2 of enclosure (4). He stated that the Payback periods and 20-year NPV savings for scenarios DON-0074A, DON-0154, and DON-0160 were also set forth in slide 2 of enclosure (4) and noted that the DAG had already reviewed the preliminary COBRA results during today's deliberative session. Mr. Leather provided the preliminary Selection Criterion 6, economic impact, results for all five scenarios and noted that the preliminary analyses did not identify any issues of concern. Slides 3 through 15 enclosure (4) and Economic Impact Reports, which are attachments to enclosure (4), pertain. Mr. Leather also provided the preliminary Selection Criterion 7 results for all five scenarios and noted that the preliminary analyses did not identify any community infrastructure risks with any of the five scenarios. Slide 16 of enclosure (4) and Community Infrastructure Reports, which are attachments to enclosure (4), pertain.

12. CDR Carlson provided the preliminary Selection Criterion 8 results for all five scenarios. Slides 17 through 26 of enclosure (4) and Summary of Scenario Environmental Impacts

(SSEI), which are attachments to enclosure (4), pertain. She informed the DAG that the Selection Criterion 8 analyses did not identify any substantial environmental impacts, including the impact of environmental costs, for any of the five scenarios.

13. The DAG then reviewed the CRRA for each scenario. Slides 27 through 31 of enclosure (4) pertain. The DAG decided that, if a scenario has a minor impact on mission capability, but included personnel relocation, then the Warfighting/Readiness Risk section of the CRRA should be assigned a score of "1". The DAG concurred with the IAT HSA Team's recommendations with the following modifications:

a. Scenarios DON-0073 and DON-0075. The DAG determined that these scenarios would have a minor impact on mission capability, but noted that that most of the civilian personnel billets would need to be relocated under both scenarios. Accordingly, the DAG decided that the Warfighting/Readiness Risk section of the CRRA for both scenarios should be assigned a score of "1". The DAG also determined that the Issues portion of the CRRA for both scenarios should denote that they are dependent upon DON's decision concerning IM Region scenarios and that both scenarios eliminate property lease costs.

b. Scenario DON-0154. The DAG determined that this scenario would have a minor impact on mission capability, but noted that most of the civilian personnel billets would need to be relocated. Accordingly, the DAG determined that the Warfighting/Readiness Risk section of the CRRA should be assigned a score of "1". The DAG also determined that the Issues portion of the CRRA should also denote that relocation to Norfolk would provide operational synergy, as opposed to remaining a stand-alone activity in Philadelphia.

14. The DAG recessed at 1109 and reconvened at 1118. All DAG members who were present when the DAG recessed were again present.

15. CDR Clarke, CDR Flather, and Mr. Leather presented preliminary COBRA results for two HSA DON RSA Naval Reserve Readiness Command (NAVRESREDCOM) scenarios affecting NAVRESREDCOM Northeast, Newport, RI. Enclosure (5) pertains. CDR Clarke and CDR Flather reminded the DAG that scenario DON-0077 would relocate NAVRESREDCOM Northeast to SUBASE New London, CT. They also reminded the DAG that it reviewed the initial COBRA results for scenario DON-0077 at its 21 December 2004 deliberative session, discussed the possibility that

consolidation of NAVRESREDCOM Northeast with Commander, Navy Region Northeast may provide additional savings, and directed the IAT HSA Team to consult with Commander, Naval Reserve Force (COMNAVRESFOR) and develop a possible alternate scenario to consolidate NAVRESREDCOM Northeast with Commander, Navy Region (COMNAVREG) Northeast. They informed the DAG that, at its 23 December 2004 deliberative session, the IEG approved issuance of a SDC for scenario DON-0155, which would consolidate NAVRESREDCOM Northeast with COMNAVREG Northeast.

16. Regarding scenario DON-0077, Mr. Leather noted that the updated COBRA results were the same as the initial results reviewed by the DAG at its 21 December 2004 deliberative session. Specifically, due to necessary one-time costs (primarily MILCON to rehabilitate an existing SUBASE New London facility) and the lack of any steady-state savings (no billets are eliminated), scenario DON-0077 will probably never realize a Payback. Mr. Leather noted that the initial data for scenario DON-0155 indicates that this scenario will have the identical one-time costs and lack of any steady-state savings for the same reasons as identified in scenario DON-0077. Accordingly, this scenario will probably never realize a Payback. See slides 3 through 6 of enclosure (5). CDR Clarke and CDR Flather informed the DAG that COMNAVRESFOR has indicated that the personnel savings associated with consolidation of NAVRESREDCOM Northeast with COMNAVREG Northeast could not be determined until completion of a manpower study. Accordingly, the preliminary COBRA results do not contain any billet eliminations. Mr. Leather then reviewed the recurring costs and savings for scenarios DON-0077 and DON-0155. See slides 7 and 8 of enclosure (5).

17. CDR Clarke, CDR Flather, and Mr. Leather presented preliminary COBRA results for two HSA DON RSA NAVRESREDCOM scenarios affecting NAVRESREDCOM Northeast and NAVRESREDCOM Mid-Atlantic, Washington, DC. Enclosure (6) pertains. CDR Clarke and CDR Flather reminded the DAG that scenario DON-0079 would realign NAVRESREDCOM Northeast to NAVRESREDCOM Mid-Atlantic, Washington, DC. They also reminded the DAG that it reviewed the initial COBRA results for scenario DON-0079 at its 21 December 2004 deliberative session, discussed the possibility that consolidation of these NAVRESREDCOMs with the region may provide additional savings, and directed the IAT HSA Team to consult with COMNAVRESFOR and develop a possible alternate scenario to consolidate NAVRESREDCOM Northeast and NAVRESREDCOM Mid-Atlantic with Commander, Navy Region Mid-Atlantic, Norfolk, VA. They informed the DAG that, at its 23 December 2004 deliberative

session, the IEG approved issuance of a SDC for scenario DON-0156, which would consolidate NAVRESREDCOM Northeast and NAVRESREDCOM Mid-Atlantic with Commander, Navy Region Mid-Atlantic.

18. Regarding scenario DON-0079, Mr. Leather noted that the updated COBRA results were the same as the initial results reviewed by the DAG at its 21 December 2004 deliberative session. Specifically, due to low MILCON costs and significant billet elimination, this scenario realized an immediate Payback and the 20-year NPV would be approximately $41.54M. Mr. Leather noted that the initial data for scenario DON-0156 indicates that, due to low one-time costs and significant steady-state savings, it will probably take one year to realize a Payback and the 20-year NPV savings would be approximately $38.64M. See slide 3 of enclosure (6). He explained that the significant steady-state savings was primarily due to the elimination of 33 out of 92 billets. See slide 4 of enclosure (6). He further explained that the one-time cost is primarily due to MILCON costs to rehabilitate facilities at NAVSTA Norfolk and moving costs to relocate personnel to NAVSTA Norfolk. See slides 5 and 6 of enclosure (6). The DAG noted that the MILCON costs for scenario DON-0156 was higher than scenario DON-0079 because it would relocate two NAVRESREDCOM's, and NAVSTA Norfolk does not currently have a NAVRESREDCOM located onboard the installation. CDR Clarke and CDR Flather informed the DAG that COMNAVRESFOR has indicated that the personnel savings associated with consolidation of both NAVRESREDCOMs with COMNAVREG Mid-Atlantic could not be more accurately determined until completion of a manpower study. Mr. Leather then reviewed the recurring costs and savings for scenarios DON-0079 and DON-0156. See slides 7 and 8 of enclosure (6)

19. CDR Clarke, CDR Flather, Mr. Leather, and CDR Carlson, used enclosure (7) to present updated COBRA results, Selection Criteria 6 through 8 analyses, and CRRA for five HSA DON RSA NAVRESREDCOM scenarios - DON-0078, DON-0077, DON-0155, DON-0079, and DON-0156. They reminded the DAG that scenario DON-0078 would realign NAVRESREDCOM South, Ft. Worth, TX, to NAVRESREDCOM Midwest, Great Lakes, IL.

20. Mr. Leather recapped the updated COBRA results, noting that an evaluation of the one-time costs and steady state savings for scenario DON-0078 indicates an immediate Payback and that the 20-year NPV savings would be approximately $57.17M. See slide 2 of enclosure (7). He stated that the Payback period and 20-year NPV savings for scenarios DON-0077, DON-0155, DON-0079, and DON-

0156 were also set forth in slide 2 of enclosure (7) and noted that the DAG had already reviewed the preliminary COBRA results during today's deliberative session. Mr. Leather provided the preliminary Selection Criterion 6, economic impact, results for all five scenarios and noted that the preliminary analyses did not identify any issues of concern. Slides 3 through 9 enclosure (7) and Economic Impact Reports, which are attachments to enclosure (7), pertain. Mr. Leather also provided the preliminary Selection Criterion 7 results for all five scenarios and noted that the preliminary analyses did not identify any community infrastructure risks with any of the five scenarios. Slide 10 of enclosure (7) and Community Infrastructure Reports, which are attachments to enclosure (7), pertain.

21. CDR Carlson provided the preliminary Selection Criterion 8 results for all five scenarios. Slides 11 through 13 of enclosure (7) and Summary of Scenario Environmental Impacts (SSEI), which are attachments to enclosure (7), pertain. She informed the DAG that the Selection Criterion 8 analyses did not identify any substantial environmental impacts, including the impact of environmental costs, for any of the five scenarios.

22. The DAG then reviewed the CRRA for each scenario. Slides 14 through 18 of enclosure (7) pertain. The DAG concurred with the IAT HSA Team's recommendations with the following modifications for all five scenarios. The DAG determined that these scenarios would have a minor impact on mission capability, but noted that that most of the civilian personnel billets would need to be relocated under both scenarios. Accordingly, the DAG decided that the Warfighting/Readiness Risk section of the CRRA for all five scenarios should be assigned a score of "1".

23. CDR Clarke, CDR Flather, and Mr. Leather presented preliminary COBRA results for scenario DON-0132, which would relocate Fourth Marine Corps District (MCD) from New Cumberland, PA, to Fort Detrick, MD and, alternately, relocate the Fourth MCD to Aberdeen Proving Grounds (APG), MD. Enclosure (8) pertains. CDR Clarke and CDR Flather reminded the DAG that it reviewed the initial COBRA results for scenario DON-0132 (relocating Fourth MCD to Fort Detrick) at its 30 December 2004 deliberative session and had noted that the scenario would not realize a Payback and would have 20-year NPV costs of approximately $9.17M. Additionally, the DAG had noted that the one-time costs were high primarily due to MILCON costs to construct new facilities at Fort Detrick. Accordingly, the DAG had directed the IAT HSA Team to identify any possible alternate receiver sites that had existing facilities to accommodate the

Fourth MCD and was located within its Area of Responsibility (AOR). CDR Clarke and CDR Flather noted that they contacted Army officials and were informed that APG had some existing capacity to accommodate the Fourth MCD. Accordingly, the IAT HSA Team conducted COBRA analysis of a relocation to APG.

24. Mr. Leather noted that the initial data for the relocation to APG indicates that there are no steady state savings since no billets are eliminated. See slides 3 and 4 of enclosure (8). He also noted that the one-time costs are lower ($1.8M versus $3.87M) than relocation to Fort Detrick since the MILCON costs are primarily to rehabilitate existing facilities rather constructing new facilities. See slides 5 and 6 of enclosure (8). He stated that the one-time costs and lack of any steady-state savings indicates that, even with relocation to APG, scenario DON-0132 will not realize a Payback and the 20-year NPV costs would be approximately $3.79M. See slide 3 of enclosure (8). Mr. Leather then reviewed the recurring costs and savings. See slides 7 and 8 of enclosure (8).

25. The DAG recognized that this scenario, regardless of receiver site, did not appear to be cost effective and did not appear to be operationally efficient. Accordingly, the DAG decided not to conduct Selection Criteria 6 through 8 analyses at this time. Rather, the DAG directed the IAT HSA Team to consult with Marine Corps Recruiting Command and ascertain whether this scenario would be operationally effective for the Marine Corps.

26. CDR Clarke and CDR Flather used enclosure (9) to summarize the various scenarios for five HSA DON RSA Functions - IM, NAVFAC, NAVRESREDCOM, MCD, NLSO, and HRSC.

a. IM scenarios - DON-0040 and DON-0041. Ms. Davis reminded the DAG that, at its 4 January 2004 deliberative session, it reviewed updated COBRA results, Selection Criteria 6 through 8 analyses, and the CRRA for both scenarios. Upon this review, the DAG had directed the IAT HSA Team to consult with CNI and CFFC in order to assess issues concerning infrastructure laydown and regional command presence in the Northeast since scenario DON-0041 would disestablish Commander, Navy Region Northeast. Mr. Leather recapped the updated COBRA results, noting that an evaluation of the one-time costs and steady state savings for scenario DON-0040 indicates a Payback within one year and the NPV savings would be approximately $33.3M. He stated that scenario DON-0041 had an immediate Payback and the NPV savings would be approximately $84.6M. See slide 2 of

enclosure (9). The DAG reviewed various discriminating factors between the two scenarios. The DAG noted that various HSA JCSG consolidation scenarios would reduce Navy IM responsibilities in the Northeast section of the United States and that various JCSG and DON scenarios would reduce DON's presence in the Northeast. See slide 3 of enclosure (9). Accordingly, the DAG decided to forward both scenarios to the IEG. Additionally, the DAG decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0041, subject to CFFC and CNI assessing the issues regarding infrastructure laydown and regional command presence in the Northeast issues.

b. NAVFAC scenarios - DON-0073, DON-0075, DON-0074A, DON-0154, and DON-0160. The DAG noted that it reviewed preliminary COBRA results, Selection 6 through 8 analyses, and CRRA's for all five scenarios at today's deliberative session. See paragraphs 3 through 13 above. The DAG reviewed a recap of the preliminary COBRA results and various discriminating factors among the five scenarios. See slides 4 and 5 of enclosure (9). The DAG decided to forward the five scenarios to the IEG. The DAG also decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0075 since it aligns with scenario DON-0041, which the DAG recommended for approval. See paragraph 26a. above. Additionally, the DAG decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0074A for the reasons expressed in paragraph 5 above. The DAG also decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0154 since relocation of NCC to Norfolk achieves operational synergies.

c. NAVRESREDCOM scenarios - DON-0078, DON-0077, DON-0155, DON-0079, and DON-0156. The DAG noted that it reviewed preliminary COBRA results, Selection 6 through 8 analyses, and CRRA's for all five scenarios at today's deliberative session. See paragraphs 15 through 22 above. The DAG reviewed a recap of the preliminary COBRA results and various discriminating factors among the five scenarios. See slides 6 and 7 of enclosure (9). The DAG decided to forward the five scenarios to the IEG. The DAG also decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0078 since it aligns with scenario DON-0041, has an immediate Payback, and has significant 20-year NPV savings. Additionally, the DAG decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0156 since

it aligns with scenario DON-0041, consolidates two NAVRESREDCOMs with a region, and has a one-year Payback.

d. MCD scenarios - DON-0132 (Fort Detrick), DON-0132 (APG), and DON-0134. The DAG noted that it reviewed preliminary COBRA results for both DON-0132 scenarios at today's deliberative session and reviewed the preliminary COBRA results for scenario DON-0134 at its 30 December 2004 deliberative session. See paragraphs 23 through 25 above. The DAG reviewed a recap of the preliminary COBRA results and various discriminating factors among the MCD scenarios. See slides 8 and 9 of enclosure (9). The DAG noted that it has decided not to conduct Selection Criteria 6 through 8 analyses and CRRA for these scenarios and, accordingly, it will not make any candidate recommendations to the IEG at this time. See paragraph 25 above and paragraph 11 of DAG Deliberative Report of 30 December 2004.

e. NLSO and HRSC scenarios - DON-0080, DON-0081, DON-0082, and DON-0083. The DAG noted that it reviewed preliminary COBRA results for scenario DON-0080, which would realign Naval Legal Service Office (NLSO) Central, Pensacola, FL, to NLSO Southeast, Jacksonville, FL, at its 21 December 2004 deliberative session. Additionally, the DAG noted that it decided to recommend that the IEG remove this scenario since the JAG Corps has a strategic plan that enables it to accomplish realignment needs immediately and outside of the BRAC process. The DAG also noted that it discussed the three HRSC scenarios (DON-0081, DON-0082, and DON-0083) at its 21 December 2004 deliberative session and noted that the HSA JCSG has expressed concern that these three scenarios conflict with some of their HRSC scenarios. CDR Clarke and CDR Flather informed the DAG that it is anticipated that the HSA JCSG will forward a scenario to establish a Joint Civilian Personnel Management Function. The DAG directed the HSA IAT Team to consult with the HSA JCSG regarding this scenario and provide an update to the DAG.

27. The DAG recessed at 1230 and reconvened at 1712. All DAG members and other persons present when the DAG recessed were again present. LCDR Vincent J. Moore, JAGC, USNR, Recorder, joined the deliberative session at 1712. CAPT Thomas Mangold, USN, alternate for RDML (sel) Charles Martoglio, USN, Member, entered the deliberative session at 1724.

28. CDR Clarke presented a summary of Headquarters and Support Activity (HSA) scenarios that the DAG has decided to recommend as final candidates for IEG approval during today's and prior deliberative sessions. See enclosure (10). CDR Clarke noted

that 25 scenarios to close Navy Reserve Centers with no identified receiver site, five scenarios to close Navy and Marine Corps Reserve Centers and Marine Corps Inspector and Instructor Staffs with receiver sites identified, and DON-0062, which closes five Naval Recruiting Districts, were approved for development as final candidate recommendations by the IEG at its 6 January 2005 deliberative session. He noted that, when combined with the IM, NAVRESREDCOM, and NAVFAC scenarios approved by the DAG for recommendation as final candidates at today's deliberative session, the HSA scenarios indicate 20-year NPV savings of approximately $792M after an investment of approximately $59.87M. See slide 5 of enclosure (10). CDR Clarke noted that since the NAVRESREDCOM scenarios did not factor in planned NAVRESREDCOM consolidation with IM Regions, the savings associated with those scenarios are probably understated.

29. RADM Christopher E. Weaver, USN, Member, entered the deliberative session at 1735.

30. CAPT Christopher T. Nichols, USN, members of the IAT Operations Team, and Mr. Leather provided updated COBRA results and CRRAs for three scenarios that would close NAVSTA Ingleside, TX, and relocate its mine warfare assets to various locations. Enclosure 11 pertains. CAPT Nichols reminded the DAG that it reviewed Selection Criteria 6 through 8 analyses for the three scenarios at its 30 December 2004 deliberative session. He noted that scenario DON-0032 relocates 10 MHCs and 10 MCMs to NAVSTA San Diego. See slide 2 of enclosure (11). Scenario DON-0003 relocates the MHCs and MCMs equally between NAVSTA San Diego and NAVPHIBASE Little Creek. See slide 3 of enclosure (11). Scenario DON-0031 relocates the MHCs and MCMs equally between NAVSTA San Diego and NAVSTA Mayport. See slide 4 of enclosure (11). CAPT Nichols noted that this update does not include the relocation of HM-15 assets from NAS Corpus Christi, TX. Additionally, this update does not reflect reductions in mine warfare vessels shown in Program Objective Memorandum (POM-06) since these reductions are not yet reflected in the 20-Year Force Structure Plan. The DAG noted that because the POM-06 changes are not in the Force Structure Plan, DON-0032A, which would only relocate 10 MCMs to NAVSTA San Diego, is being held for further consideration after the Force Structure Plan update.

31. Mr. Leather noted that an evaluation of the updated COBRA results indicate that, although all three scenarios have significant one-time costs (primarily due to MILCON to construct new facilities to accommodate relocated assets at the various

receiving sites), the Payback is three years (scenarios DON-0003 and DON-0031) or four years (scenario DON-0032) and the 20-year NPV savings would be in excess of $540M for each scenario. See slides 5 through 14 of enclosure (11). He stated that, if the reductions in POM-06 were factored in, then the COBRA results for all three scenarios would depict greater financial value. He indicated that scenario DON-0032 would probably have the greatest increased value since all assets are being relocated to one location. He noted that dual relocation sites would require some duplicate facilities at each site, e.g. maintenance facilities, EMR ranges. He informed the DAG that NAVSTA San Diego indicated that there are significant MILCON costs associated with the scenarios (e.g., gate improvement, BOQ, Child Development Center, and parking). He explained that if the POM-06 reductions are factored in, the MILCON costs would be reduced and a pier upgrade at NAVSTA San Diego would not be necessary. Mr. Leather indicated the MILCON costs for headquarters and training facilities at NAVBASE Point Loma are the same in each scenario and do not change as a result of POM-06. The DAG discussed costs that require additional research and possible revision, particularly those MILCON costs in scenario DON-0032 concerning a new main gate, BEQ, and CDC at NAVSTA San Diego. See slide 9 of enclosure (11).

32. The DAG then reviewed updated CRRAs for all three scenarios. See slides 18 through 20 of enclosure (11). The DAG noted that inclusion of the POM-06 reductions would probably lower the Executability Risk score from "6" to "5" for scenario DON-0032. The DAG, noting CFFC's preference to single site mine warfare ships, the expected synergy from locating the MINEWARCOM/ASW Center and mine warfare ships in the same geographic area, and recognizing that a change to the Force Structure Plan would reduce the number of ships going to NAVSTA San Diego and significantly reduce initial investment costs, decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0032. The DAG noted that this recommendation did not include relocation of the HM-15 assets. The DAG decided to continue to analyze the possibility of relocating the HM-15 assets to Naval Station Norfolk Chambers Field, VA.

33. CAPT Nichols and Mr. Leather provided updated COBRA results for scenario DON-0033, which closes SUBASE New London, CT, and relocates 11 SSNs to NAVSTA Norfolk, VA and six SSNs to SUBASE Kings Bay, GA; and scenario DON-0034, which relocates all 17 SSNs from SUBASE New London to NAVSTA Norfolk. Enclosure (12) pertains. CAPT Nichols reminded the DAG that it reviewed

Selection Criteria 6 through 8 analyses for both of these scenarios at its 4 January 2005 deliberative session. Mr. Leather noted that an evaluation of the updated COBRA results indicates that, although both scenarios have significant one-time costs (primarily due to MILCON to construct new facilities to accommodate relocated assets at the receiving sites), the Payback is two years for both scenarios and the 20-year NPV savings would be approximately $1.63B for scenario DON-0033 and $1.56B for scenario DON-0034. See slides 2 through 10 of enclosure (12). He noted that both scenarios contain one-time costs to relocate an anechoic chamber to, and construct a new laboratory at, Naval Support Activity (NSA) Panama City, FL, in order to accommodate the relocation of the Naval Submarine Medical Research Laboratory (NSMRL) to NSA Panama City. Mr. Leather noted that the Medical JCSG evaluated the possibility of relocating NSMRL to Panama City through an independent scenario and has initially concluded that it is too cost prohibitive to be feasible. The Medical JCSG is assessing whether an alternative receiving site is feasible. He also noted that recurring costs for scenario DON-0033 include costs for maintenance personnel to conduct work that is currently done under contract at SUBASE New London.

34. The DAG discussed the significant issues associated with both scenarios. The DAG noted closure of SUBASE New London would have a significant impact on the Connecticut economy, including possible job losses in excess of nine percent of the employment population within the region of influence. The DAG also noted that there are various environmental impacts associated with these scenarios but noted that they could be addressed through appropriate mitigation at the receiver sites. Mr. Crabtree stated that CFFC has concerns with both scenarios because of possible adverse impact on strategic flexibility resulting from the loss of an East Coast submarine base. The DAG also discussed the effect of increased loading on submarine operations at NAVSTA Norfolk. The DAG reviewed updated CRRAs for both scenarios and concurred with the IAT Operations Team's recommendations with one modification. The DAG determined that the Issues portion of the CRRA for both scenarios should denote CFFC's concerns regarding any alteration of current submarine basing configuration on the East Coast. See slides 11 and 12 of enclosure (12). The DAG decided to recommend that the IEG approve preparation of a candidate recommendation package for scenario DON-0033 because it maintains two East Coast SSN homeports and limits congestion at NAVSTA Norfolk.

35. CAPT Nichols and Mr. Leather provided updated COBRA results for scenarios DON-0006A and DON-0007, which close the portion of NAVBASE Point Loma, CA, known as SUBASE San Diego and relocates its four SSNs and floating drydock to NAVSTA Pearl Harbor, HI, and NAVSTA San Diego, CA, respectively. Enclosure (13) pertains. They noted that, under both scenarios, the Naval Underwater Warfare Center Detachment San Diego, the Fleet Industrial Supply Center fuel farm, and FOIA(b)(2) would be retained at NAVBASE Point Loma as enclaves. They noted that the receiving site for the Navy Substance Abuse and Rehabilitation Program (SARP) has been changed from Naval Hospital San Diego to Marine Corps Recruit Depot San Diego for both scenarios.

36. Mr. Leather noted that an evaluation of the updated COBRA results for scenario DON-0006A indicates that the Payback is two years and the 20-year NPV savings would be approximately $298.86M. He noted that the one-time costs would be approximately $110.54M (primarily to construct new, and rehabilitate existing facilities at NAVSTA Pearl Harbor and NAVBASE Point Loma) and the steady state savings would be approximately $29.05M (primarily due to billet elimination). Mr. Leather noted that an evaluation of the updated COBRA results for scenario DON-0007 indicates that the Payback is 16 years and the 20-year NPV costs would be approximately $66.34M. He noted that the one-time costs would be approximately $300.21M (primarily to construct new facilities at NAVSTA San Diego and NAVBASE Point Loma) and the steady state savings would be approximately $18.86M (primarily due to billet elimination). See slides 4 through 12 of enclosure (13).

37. The DAG discussed the need to refine cost data for both scenarios, in particular the costs for BEQ and a new headquarters complex to provide base support services for the remaining enclaves. The DAG questioned whether these services could be moved to remaining facilities or handled by other installations in the San Diego area. The DAG also discussed possible negative effects arising from these scenarios, including the loss of a strategic access point to San Diego harbor and the need for space to handle activities moved to the San Diego area by other scenarios. In addition, implementation of DON-0006A would eliminate a West Coast SSN homeport, thereby reducing strategic and operational capabilities, and result in the loss of the use of training waters off San Diego, submarine logistic support in San Diego, and a West Coast SSN homeport.

38. CAPT Nichols and Mr. Leather then recapped the Selection Criterion 6 through 8 analyses and CRRA for scenario DON-0006A, which the DAG reviewed at its 4 January 2005 deliberative session. Slides 15 through 29 of enclosure (13) pertain. The DAG then discussed probable Selection Criteria 6 through 8 analyses for scenario DON-0007 and applied the probable results in order to develop a CCRA.

39. The DAG decided to continue data refinement on both of these scenarios and provide a status brief to the IEG. The DAG decided not to recommend either scenario for candidate development at this time.

40. The deliberative session ended at 1950.

ROBERT E. VINCENT II
CDR, JAGC, U.S. Navy
Recorder, IAT

TAB 1

DON Analysis Group

10 January 2005
0930-1230 & 1700-2000
Crystal Plaza 6, 9th Floor

Meeting called by: Chairman Recorder: CDR Vincent

----- Agenda Topics -----

Deliberative Session:

• DON-specific HSA (Full COBRA; COBRA Recap, Criteria 6-8 & Risk Assessments)	Mr. Jack Leather, CDR Margy Carlson & CDR Jennifer Flather	
o NAVFAC		DON-0073/0075, 0074A, 0154/0160
o REDCOM		DON-0078, 0077/0155, 0079/0156
o MCD (COBRA Only)		DON-0132
• RSA Summary	Ms. Davis	
• Surface/Subsurface (COBRA Round 2)	Mr. Jack Leather & CDR Brian Miller CDR Steve Cincotta	
o Ingleside		DON-0003/0031/0032
o New London		DON-0033/0034
o San Diego		DON-0006A/0007
• Surface/Subsurface (COBRA Recap, Criteria 6-8 & Risk Assessment)	Mr. Jack Leather, CDR Margy Carlson & CDR Brian Miller	
o Everett		DON-0005
• Surface/Subsurface Summary	Ms. Davis	
• Aviation (Full COBRA)	Mr. Jack Leather & CDR Carl Deputy	
o Atlanta		DON-0068
o Fort Worth		DON-0069
o Willow Grove		DON-0084
o Brunswick		DON-0138

Other Information

Read ahead for deliberative discussions.

TAB 2

Scenario DON-0074A
Realign NAVFAC EFD South to NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Mid-Atlantic
Criterion 5 – COBRA

10 January 2005

Jack Leather
CDR Flather

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Scenario Description

- Consolidate NAVFAC EFD South with NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Atlantic
- This scenario realigns EFD South Echelon 4 elements to NAVFAC MW and NAVFAC SE, and Echelon 3 elements to NAVFAC Atlantic
- NAVFAC Transformation Plan Notes:
  - PWC Norfolk + EFD Atlantic (Regional Support Element) = NAVFAC Midlant (FEC, Echelon 4)
  - PWC Great Lakes + EFA Midwest = NAVFAC Midwest (FEC, Echelon 4)
  - PWC Jax + EFA Jax = NAVFAC Southeast (FEC, Echelon 4)
  - Remainder of EFD Atlantic = NAVFAC Atlantic (Echelon 3)

ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0074A	25.047	-3.673	8	-20.417

All Dollars shown in Millions

Notes: DON-0074 had 100+ year payback

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Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0074A	Eliminate	2	0	48		50
	Move	4	0	444	0	448

Notes:

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One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0074A	10.778	2.344	.026	11.813	.088	25.048	-.017	25.031

All Dollars Shown in Millions

Notes: MILCON required

Pers: RIF, early retirement, Military PCS and unemployment

Ovhd: Program Management costs

Move: Civilian and military moving, PPP, freight, IT (includes trunk to new building, and 1-time moving

Other: 1-time unique

Svgs: Military Moving

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MILCON Summary

Scenario: DON-0074A	NAS Jacksonville NAVSTA Great Lakes			
Construction FAC Description	UM	New	Rehab	Cost
NAS Jacksonville New MILCON General Admin	SF	63200	0	9.947
NAVSTA Great Lakes Rehab "Amber"	SF	0	13400	.831
TOTAL				10.778

Note: All Dollars Shown in Millions

Notes: NAS Jacksonville indicates there is no existing space

Recurring Costs/Savings Summary

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0074A	5.517	.171	.585	6.273	-16.567	-10.294

All Dollars Shown in Millions

Recurring costs: O&M: SRM, BOS, Civilian salaries and TRICARE

MILPERS: BAH

Other: TAD Costs back to Charleston

Savings: BOS, Off Salaries, BAH and Lease Savings, overtime utilities, monitoring system and security guard

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Key Elements of Recurring Savings

Scenario: DON-0074A		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M *	BOS and Civilian salaries	10.393
MILPERS	Officer salaries and BAH	.777
MISC	Lease Costs, overtime utilities, monitoring system and security guard	5.397

Notes:

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Scenario Issues

- **Scenario DON-0074A is an independent action that does not impact other scenarios**

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TAB 3

Scenario DON-0154
Relocate NAVCRANECEN Lester PA to Norfolk Naval Shipyard
DON-0160
Relocate NAVCRANECEN Lester PA to PNBC
Criterion 5 – COBRA

10 January 2005

Jack Leather
CDR Flather

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Scenario Description

- **DON-0154 Relocate Navy Crane Center from leased space in Lester, PA to Naval Shipyard Norfolk, VA**
- **DON-0160 Relocate Navy Crane Center from leased space in Lester, PA to Philadelphia Naval Business COmplex**

ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0154 NNSY	3.781	-.822	5	-6.466

All Dollars shown in Millions

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0160 PNBC	.973	-.589	2	-6.153

All Dollars shown in Millions

Notes:

Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0154 and DON-0160	Eliminate	0	0	0		0
	Move	1	0	54	0	55

Notes:

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One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0154 NNSY	1.130	.242	0	1.871	.537	3.780	-.004	3.776

All Dollars Shown in Millions

Notes: MILCON required

Pers: RIF, early retirement and unemployment

Move: Civilian and military moving, freight and IT

Other: Contract Start-up and termination and one-time unique costs

Svgs: Military Moving

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0160 PNBC	.645	0	0	0	.329	.974	0	.974

Notes: Other: Contract Start-up and termination and one-time unique costs

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MILCON Summary

Scenario: DON-0154	Norfolk Naval Shipyard			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	0	11400	1.130
TOTAL				1.130

Note: All Dollars Shown in Millions

Notes: Rehab "RED" building in the Controlled Industrial Area

Scenario: DON-0160	PNBC			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	0	12000	.644
TOTAL				.644

Notes: Rehab "Amber" building which is NOT behind a fenceline which raises ATFP concerns

Recurring Costs/Savings Summary

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0154 NNSY	.167	.054	0	.221	-2.795	-2.574

All Dollars Shown in Millions

Recurring costs: O&M: Civilian salaries

MILPERS: BAH

Savings: Civ Salaries, BAH and Lease costs

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0160 PNBC	.042	0	0	.042	-1.8	-1.758

Recurring costs: O&M: BOS

Savings: Lease costs

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Key Elements of Recurring Savings

Scenario: DON-0154 NNSY		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M *	Civilian Salaries	.572
MILPERS	BAH	.077
Other	Lease costs and TAD	2.145

Notes: Lease costs = $600K; TAD savings of $115K since they will be out of Norfolk

Scenario: DON-0160 PNBC		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
Other	Lease costs	1.8

Scenario Issues

- **While DON-0160 is better financially, NAVFAC would prefer to be located in Norfolk**
  - **NAVCRANECEN Det already exists in Norfolk (14 pers)**

TAB 4

DON-0073/74A/75/154/160
NAVFAC
Regional Support Activities

10 January 2005

Jack Leather
CDR Carlson
CDR Flather

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Summary NAVFAC

SDC#	Closes/Realigns	Billets Elim	Billets Moved	One-Time Costs ($M)	Steady-State Savings ($M)	ROI Years	20 Year NPV ($M)
DON-0073	NAVFAC EFANE (Relocate to Groton)	0	192	11.327	-2.156	7	-14.893
DON-0075	NAVFAC EFANE (Norfolk)	35	157	10.867	-5.025	2	-51.772
DON-0074A	NAVFAC EFD South (Consolidate)	50	448	25.047	-3.673	8	-20.417
DON-0154	NAVCRANECEN (Relocate to Norfolk)	0	55	3.781	-0.822	5	-6.466
DON-0160	NAVCRANECEN (Relocate to PNBC)	0	55	0.973	-0.589	2	-6.153

All Dollars shown in Millions

- Scenarios
  - DON-0073, Relocate EFA NE to SUBASE New London
  - DON-0075, Consolidate EFA NE with EFD MA, Norfolk
  - DON-0074A, Consolidate EFD South with EFA SE, EFA MW and EFD Atlantic
  - DON-0154, Relocate NAVCRANECEN to Norfolk
  - DON-0160, Relocate NAVCRANECEN to PNBC

- Results of Criteria 6, 7, and 8 Analysis show the NAVFAC candidate scenarios have:
  - No significant economic impact on losing or gaining economic regions.
  - No significant community impact on losing or gaining communities.
  - No significant environmental impact on losing or gaining communities.

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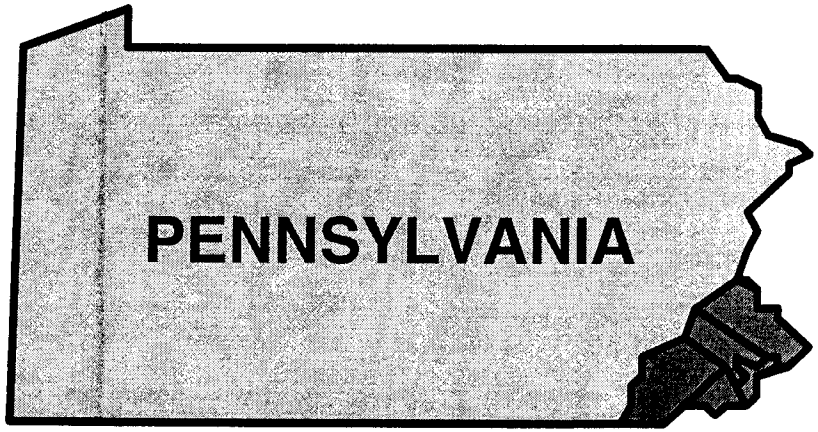
Criterion Six – Economic Impact
DON-0073, NAVFAC EFA NE, Losing

•Philadelphia, Pennsylvania Metropolitan Division (37964)

Counties

Bucks	Chester
Delaware	Montgomery
Philadelphia	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	3,866,263
•ROI employment (02)	2,273,372
•Authorized Manpower (05)	313
•Manpower(05) /employment(02)	0.01%
•Total estimated Job Change	-347
•Job change/employment (02)	-0.02%

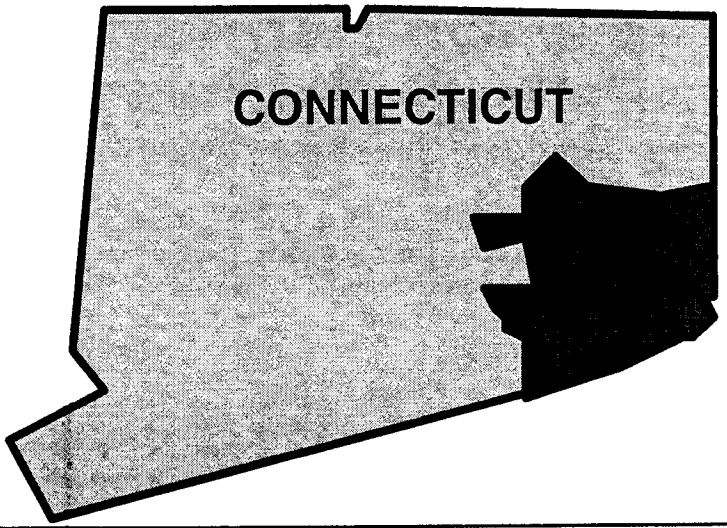
•ISSUES:

Criterion Six – Economic Impact
DON-0073, SUBASE NEW LONDON, Receiving

•Norwich-New London, Connecticut Metropolitan Statistical Area (35980)

Counties

New London



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	262,138
•ROI employment (02)	168,620
•Authorized Manpower (05)	10,707
•Manpower(05) /employment(02)	6.35%
•Total estimated Job Change	411
•Job change/employment (02)	0.24%

•ISSUES:

Criterion Six – Economic Impact
DON-0074A, NAVFAC EFD SOUTH, Losing

•Charleston-North Charleston, SC Metropolitan Statistical Area (16700)

Counties

Berkeley

Charleston

Dorchester

•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	562,799
•ROI employment (02)	331,580
•Authorized Manpower (05)	546
•Manpower(05) /employment(02)	0.16%
•Total estimated Job Change	-1,318
•Job change/employment (02)	-0.4%

•ISSUES:

Criterion Six – Economic Impact
DON-0074A, NAVFAC ATLANTIC, Receiving

•Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area (47260)

Counties

Chesapeake	Norfolk	York
Currituck	Poquoson	Surry
Gloucester	Portsmouth	Suffolk
Hampton	Isle of Wight	James City
Mathews	Virginia Beach	Williamsburg
Newport News		

•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	1,613,728
•ROI employment (02)	978,888
•Authorized Manpower (05)	6,822
•Manpower(05) /employment(02)	0.7%
•Total estimated Job Change	186
•Job change/employment (02)	0.02%

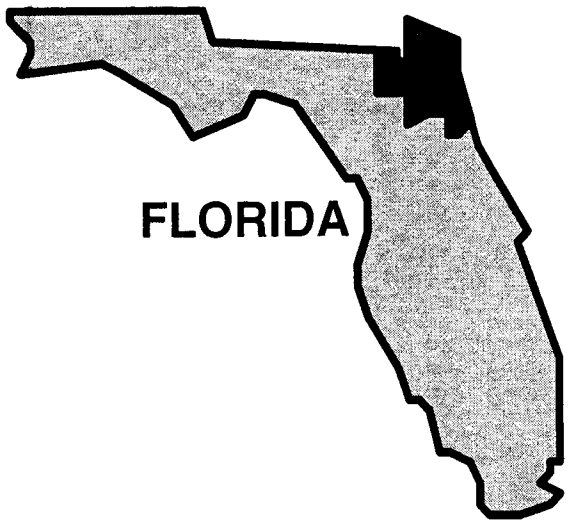
•ISSUES:

Criterion Six – Economic Impact
DON-0074A, NAVFAC SOUTHEAST, Receiving

•Jacksonville, Florida Metropolitan Statistical Area (27260)

Counties

Baker	Clay
Duval	Nassau
St. Johns	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	1,176,480
•ROI employment (02)	727,765
•Authorized Manpower (05)	13,010
•Manpower(05) /employment(02)	1.79%
•Total estimated Job Change	726
•Job change/employment (02)	0.1%

•ISSUES:

Criterion Six – Economic Impact
DON-0074A, ENGFLDACT MW, Receiving

- **Lake County-Kenosha County, IL-WI Metropolitan Division (29404)**

Counties

Lake

Kenosha

- **Overall Economic Impact of Proposed BRAC-05 Action:**

•ROI population(02)	828,428
•ROI employment (02)	498,103
•Authorized Manpower (05)	18,014
•Manpower(05) /employment(02)	3.62%
•Total estimated Job Change	186
•Job change/employment (02)	0.04%

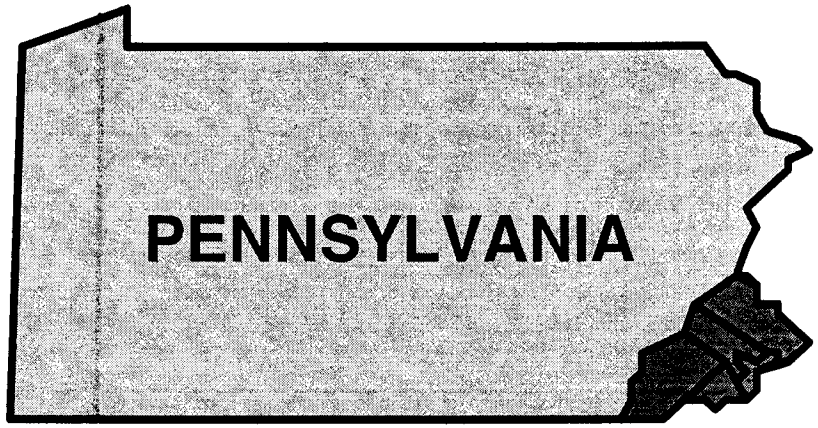
- **ISSUES:**

Criterion Six – Economic Impact
DON-0075, NAVFAC EFA NE, Losing

•Philadelphia, Pennsylvania Metropolitan Division (37964)

Counties

Bucks	Chester
Delaware	Montgomery
Philadelphia	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	3,866,263
•ROI employment (02)	2,273,372
•Authorized Manpower (05)	313
•Manpower(05) /employment(02)	0.01%
•Total estimated Job Change	-347
•Job change/employment (02)	-0.02%

•ISSUES:

Criterion Six – Economic Impact
DON-0075, NAVFAC ATLANTIC, Receiving

•Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area (47260)

Counties

Chesapeake	Norfolk	York
Currituck	Poquoson	Surry
Gloucester	Portsmouth	Suffolk
Hampton	Isle of Wight	James City
Mathews	Virginia Beach	Williamsburg
Newport News		

•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	1,613,728
•ROI employment (02)	978,888
•Authorized Manpower (05)	6,822
•Manpower(05) /employment(02)	0.7%
•Total estimated Job Change	375
•Job change/employment (02)	0.04%

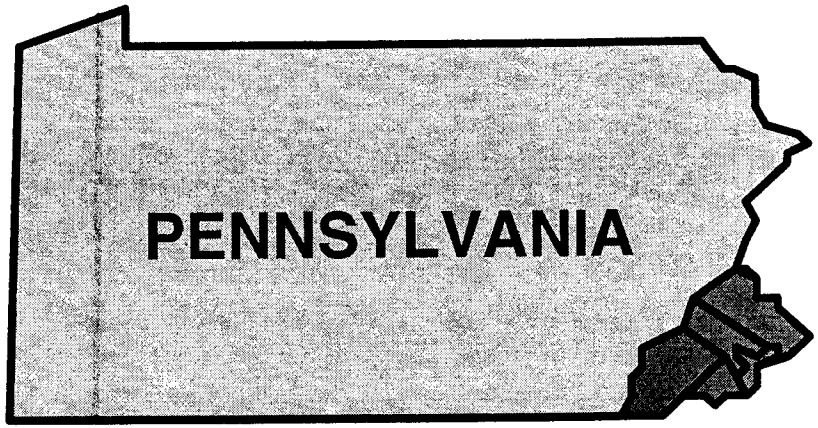
•ISSUES:

Criterion Six – Economic Impact
DON-0154, NAVCRANECEN, Losing

•Philadelphia, Pennsylvania Metropolitan Division (37964)

Counties

Bucks	Chester
Delaware	Montgomery
Philadelphia	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	3,866,263
•ROI employment (02)	2,273,372
•Authorized Manpower (05)	58
•Manpower(05) /employment(02)	0%
•Total estimated Job Change	-100
•Job change/employment (02)	-0%

•ISSUES:

Criterion Six – Economic Impact
DON-0154, NAVSHIPYD NORFOLK, Receiving

•Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area (47260)

Counties

Chesapeake	Norfolk	York
Currituck	Poquoson	Surry
Gloucester	Portsmouth	Suffolk
Hampton	Isle of Wight	James City
Mathews	Virginia Beach	Williamsburg
Newport News		

•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	1,613,728
•ROI employment (02)	978,888
•Authorized Manpower (05)	10,474
•Manpower(05) /employment(02)	1,07%
•Total estimated Job Change	131
•Job change/employment (02)	0.01%

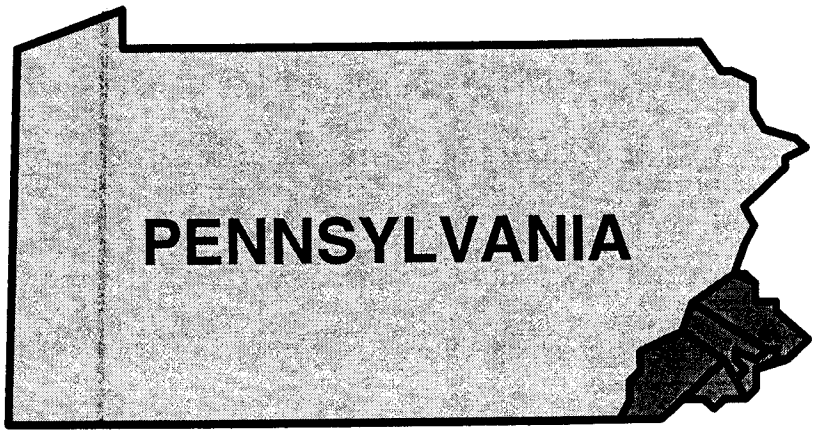
•ISSUES:

Criterion Six – Economic Impact
DON-0160, NAVCRANECEN, Losing

•Philadelphia, Pennsylvania Metropolitan Division (37964)

Counties

Bucks	Chester
Delaware	Montgomery
Philadelphia	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	3,866,263
•ROI employment (02)	2,273,372
•Authorized Manpower (05)	58
•Manpower(05) /employment(02)	0%
•Total estimated Job Change	-100
•Job change/employment (02)	-0%

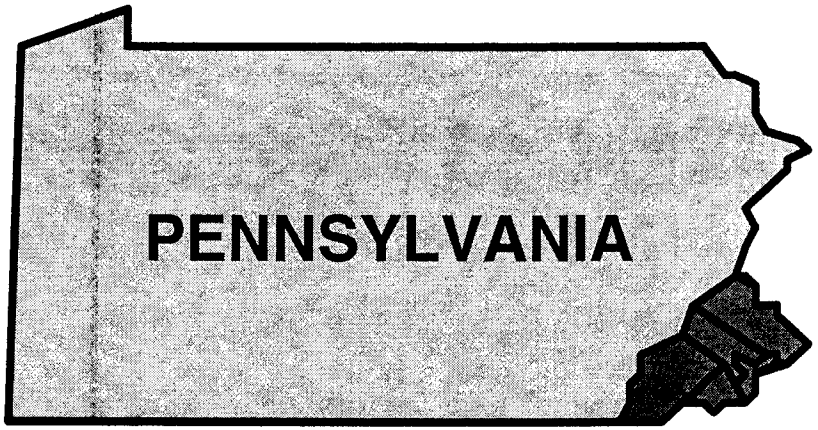
•ISSUES:

Criterion Six – Economic Impact
DON-0160, PNBC PHILADELPHIA, Receiving

•Philadelphia, Pennsylvania Metropolitan Division (37964)

Counties

Bucks	Chester
Delaware	Montgomery
Philadelphia	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	3,866,263
•ROI employment (02)	2,273,372
•Authorized Manpower (05)	366
•Manpower(05) /employment(02)	0.02%
•Total estimated Job Change	100
•Job change/employment (02)	0%

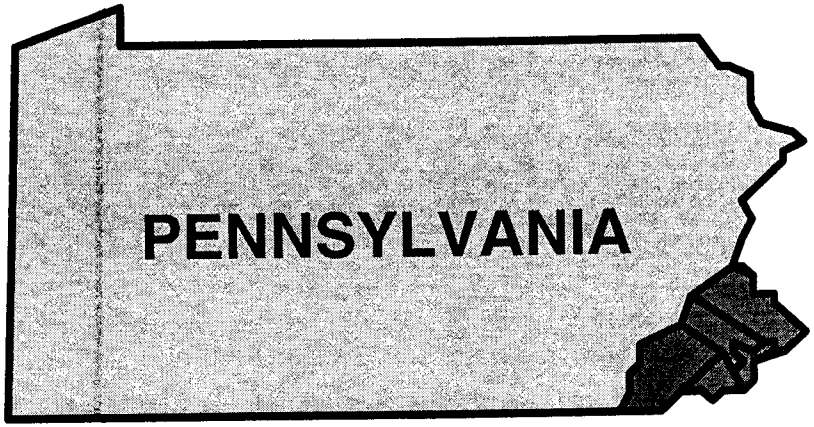
•ISSUES:

Criterion Six – Economic Impact
DON-0160, Aggregate Impact

•Philadelphia, Pennsylvania Metropolitan Division (37964)

Counties

Bucks	Chester
Delaware	Montgomery
Philadelphia	



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	3,866,263
ROI employment (02)	2,273,372
•Authorized Manpower (05)	58
•Manpower(05) /employment(02)	0%
•Total estimated Job Change	0
•Job change/employment (02)	0%

•ISSUES:

Criterion Seven
Community Infrastructure

"The ability of both the existing and potential receiving communities infrastructure to support forces, missions, personnel"

Attributes Considered:

- Water System ✔
- Sewer system ✔
- Cost of Living ✔
- Childcare ✔
- Education ✔
- Housing ✔
- Medical ✔
- Employment ✔
- Safety/Crime ✔
- Transportation ✔
- Population Center ✔

Data Call Input/Comment ✔

Naval Submarine Base New London, CT: Receiving Installation (EFA Northeast: Closed)

General Environmental Issues:

– Air Quality –

- Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Air Conformity Determination required.

No Criterion 8 Environmental Impact from other areas.

Naval Submarine Base New London, CT: Receiving Installation (EFA Northeast: Closed)

Impacts of Costs:

Selection Criterion 8 Environmental Points	EFA Northeast (Installation Relocated)	Naval Submarine Base New London, CT (Installation Gaining Function)
Environmental Restoration	No DERA costs at this activity	DERA costs $56.5M thru FY03; $24M CTC
Waste Management	None	None
Environmental Compliance	None	None

Naval Air Station Jacksonville FL: Receiving Installation
Naval Station Great Lakes IL : Receiving Installation
(EFD South : Closed)

General Environmental Issues:

- **Air Quality –**
  - NAS Jacksonville is in Maintenance for Ozone (1 hr) and in attainment for all other criteria pollutants. However, no impacts are anticipated from this scenario. No Conformity determination required.
  - NS Great Lakes is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Conformity Determination required.
- **Cultural Resources –** Historic property a consideration at JAX for new MILCON
- **Wetlands -** 17% wetlands a consideration at JAX for new MILCON

No Criterion 8 Environmental Impact from other areas.

Naval Air Station Jacksonville FL: Receiving Installation
Naval Station Great Lakes IL : Receiving Installation
(EFD South : Closed)

Impacts of Costs:

Selection Criterion 8 Environmental Points	NAVFAC EFD South Charleston SC (Installation Realigned)	Naval Air Station Jacksonville FL (Installation Gaining Function)	Naval Station Great Lakes IL (Installation Gaining Function
Environmental Restoration	No DERA costs at this activity	**DERA costs $76.4M thru FY 03; $24.4M CTC**	**DERA costs $56.5M thru FY03; $24M CTC**
Waste Management	None	None	None
Environmental Compliance	None	None	None

Naval Station Norfolk: Receiving Installation
(EFA Northeast: Closed)

General Environmental Issues:

- **Air Quality –** Maintenance for Ozone (1hr); Marginal Non-attainment for Ozone (8hr). No Conformity Determination required. No Impact.

No Criterion 8 Environmental Impact from other areas.

Naval Station Norfolk: Receiving Installation
(EFA Northeast Activity: Closed)

Impacts of Costs:

Selection Criterion 8 Environmental Points	EFA Northeast, Philadelphia, PA (Installation Realigned)	Naval Station Norfolk, VA (Installation Gaining Function)
Environmental Restoration	No DERA costs at this activity	DERA costs $85.9 M thru FY 03; $24.3 M CTC
Waste Management	None	None
Environmental Compliance	None	None

Norfolk Naval Shipyard Receiving Installation
(NAVCRANECEN Lester, PA Closed)

General Environmental Issues:

- **Air Quality –** Maintenance for Ozone (1hr); Marginal Non-attainment for Ozone (8hr). No Conformity Determination required.
- **No Criterion 8 Environmental Impact on other areas**

Norfolk Naval Shipyard Receiving Installation
(NAVCRANECEN Lester, PA Closed)

Impacts of Costs:

Selection Criterion 8 Environmental Points	NAVCRANECEN Lester, PA (Activity Closed)	Naval Station Norfolk, VA (Installation Gaining Function)
Environmental Restoration	No DERA costs at this activity	DERA costs $1.4 M thru FY 03; $3.7 M CTC
Waste Management	None	None
Environmental Compliance	None	None

Philadelphia Naval Business Complex (PNBC) Receiving (NAVCRANECEN Lester, PA Closed)

General Environmental Issues:

- **Air Quality –** Marginal Non-attainment for Ozone (1hr); No Conformity determination required.
- **No Criterion 8 Environmental Impact on other areas**

Philadelphia Naval Business Complex (PNBC) Receiving (NAVCRANECEN Lester, PA Closed)

Impacts of Costs:

Selection Criterion 8 Environmental Points	NAVCRANECEN Lester, PA (Activity Closed)	Philadelphia Naval Business Complex (PNBC), PA (Installation Gaining Function)
Environmental Restoration	No DERA costs at this activity	DERA costs $7.8 M thru FY 03; $4.8 M CTC
Waste Management	None	None
Environmental Compliance	None	None

Candidate Recommendation Risk Assessment (DON-0073)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 5 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1*
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

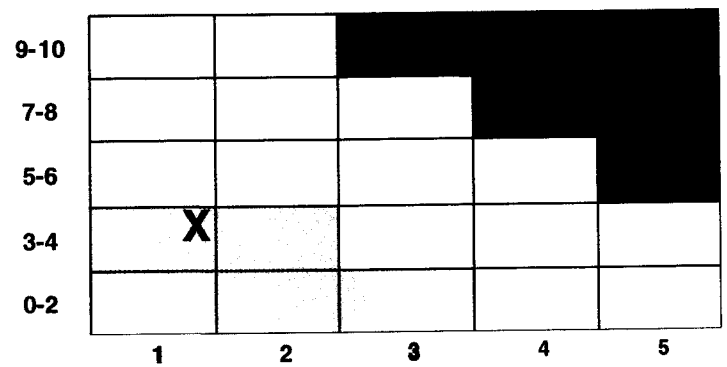
0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Tied to IM Regions discussion

Removes from leased space

Risk Matrix



Warfighting/Readiness Risk

(0-1) **Low** ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point which affects capability to support/deploy forces

COCOM Concerns: **None**

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Candidate Recommendation Risk Assessment (DON-0074A)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 4 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1*
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

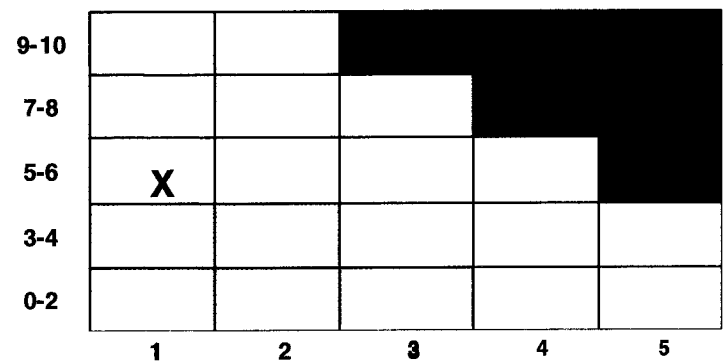
0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns: None

Candidate Recommendation Risk Assessment (DON-0075)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 5 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

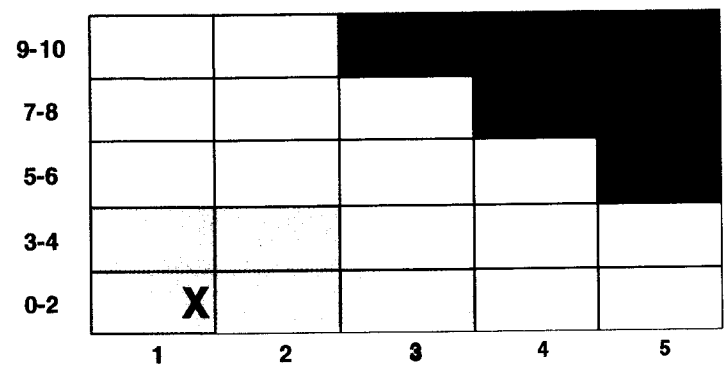
0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Tied to IM Regions decision

Removes from leased space

Risk Matrix



Warfighting/Readiness Risk

(0-1) **Low** ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point which affects capability to support/deploy forces

COCOM Concerns: **None**

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Candidate Recommendation Risk Assessment (DON-0154)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 5 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

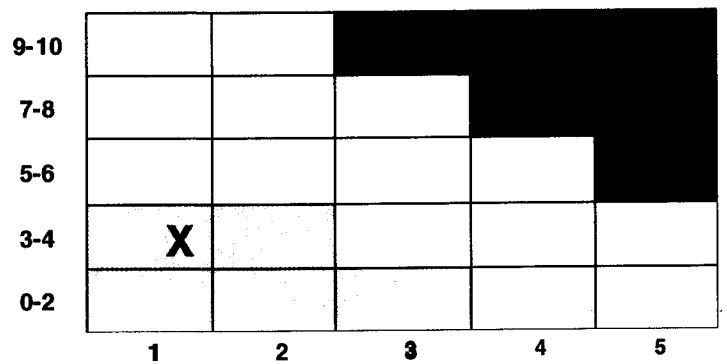
0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

FAC prefers Norfolk receiver site over PNBC (DON-0160)

Relocation with Norfolk provides synergies that remaining in Philadelphia can't

Risk Matrix



Warfighting/Readiness Risk

(0-1) **Low** ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point which affects capability to support/deploy forces

COCOM Concerns: **None**

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Candidate Recommendation Risk Assessment (DON-0160)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 5 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

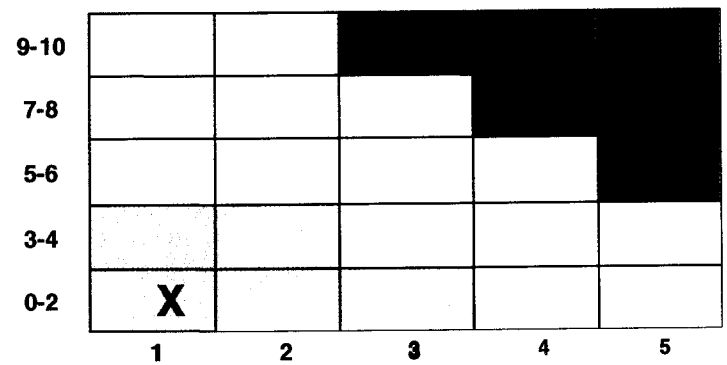
Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

FAC prefers Norfolk receiver site over PNBC (DON-0160)

Risk Matrix



Warfighting/Readiness Risk

(0-1) **Low** ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point which affects capability to support/deploy forces

COCOM Concerns: **None**

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0073: Relocate NAVFAC EFA Northeast Philadelphia, PA to SUBASE New London, CT

The data in this report is rolled up by Action

As of: Thu Feb 10 09:10:37 EST 2005

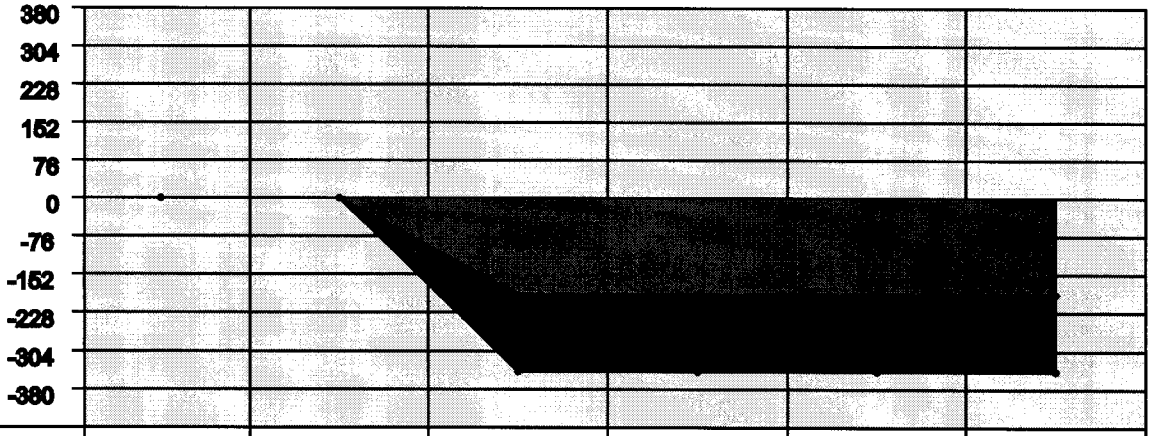
ECONOMIC IMPACT DATA

Scenario:	Relocate NAVFAC EFA Northeast Philadelphia, PA to SUBASE New London, CT
Economic Region of Influence(ROI):	Philadelphia, PA Metropolitan Division
Base:	ENGFLDACT NORTHEAST
Action:	NAVFAC Northeast Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	3,866,263
ROI Employment (2002):	2,273,372
Authorized Manpower (2005):	313
Authorized Manpower(2005) / ROI Employment(2002):	0.01%
Total Estimated Job Change:	-347
Total Estimated Job Change / ROI Employment(2002):	-0.02%

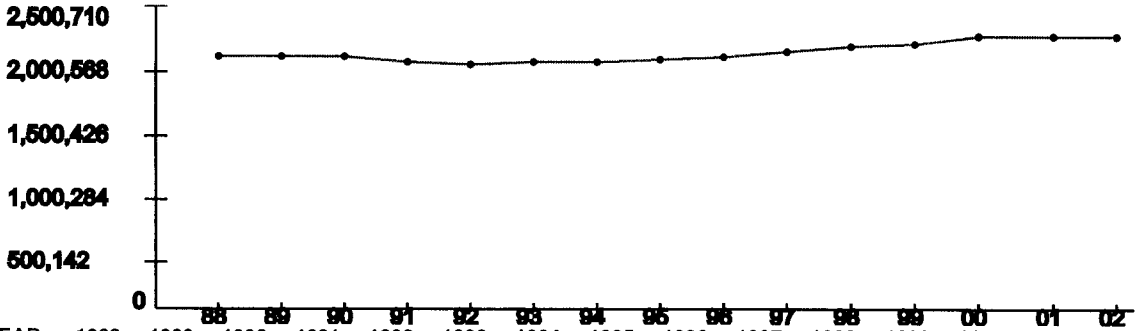
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	-4	0	0	0
Direct Civilian:	0	0	-188	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	-192	-192	-192	-192
Cum Indir/Induc:	0	0	-155	-155	-155	-155
Cumulative Total:	0	0	-347	-347	-347	-347

Philadelphia, PA Metropolitan Division Trend Data

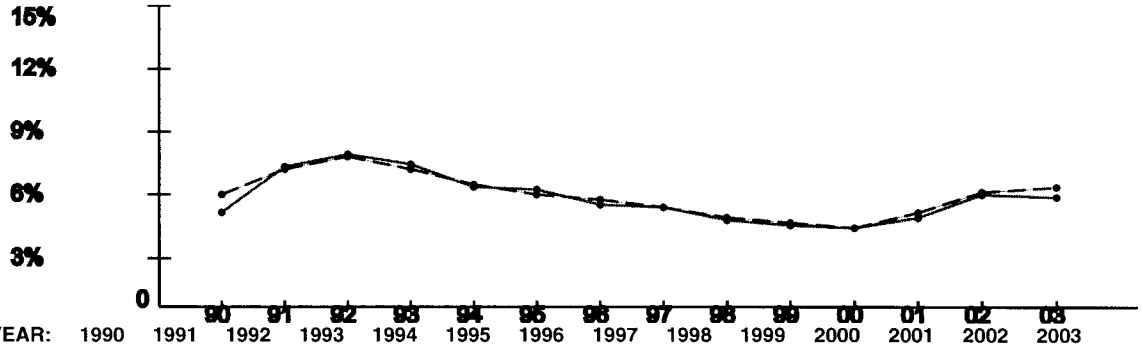
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	1.01	0.98	0.97	0.98	0.98	0.99	1	1.02	1.04	1.06	1.08	1.08	1.08

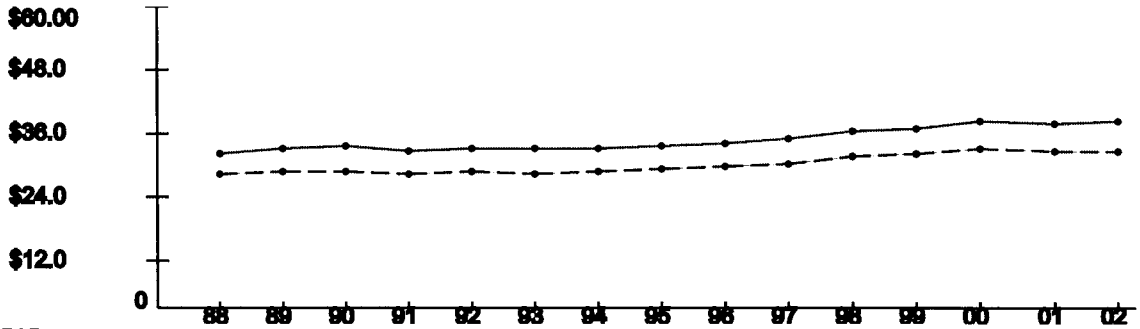
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.79%	6.95%	7.61%	7.18%	6.04%	5.82%	5.13%	4.96%	4.36%	4.16%	4.05%	4.45%	5.62%	5.56%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.87	$31.86	$32.3	$31.65	$32.23	$31.97	$31.99	$32.44	$33.14	$33.88	$35.7	$36.15	$37.51	$37.19	$37.59
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 09:10:37 EST 2005

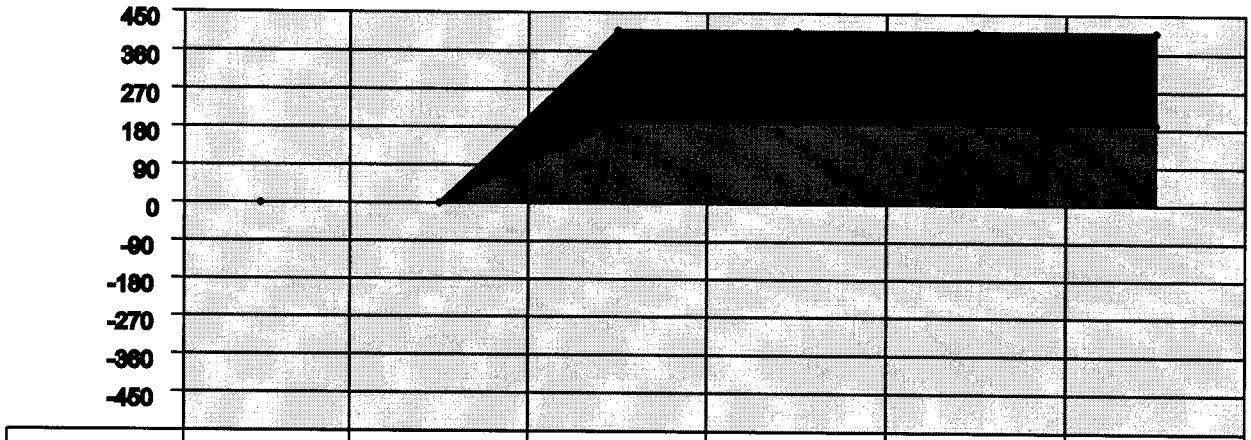
ECONOMIC IMPACT DATA

Scenario:	Relocate NAVFAC EFA Northeast Philadelphia, PA to SUBASE New London, CT
Economic Region of Influence(ROI):	Norwich-New London, CT Metropolitan Statistical Area
Base:	SUBASE NEW LONDON
Action:	SUBASE New London Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	262,138
ROI Employment (2002):	168,620
Authorized Manpower (2005):	10,707
Authorized Manpower(2005) / ROI Employment(2002):	6.35%
Total Estimated Job Change:	411
Total Estimated Job Change / ROI Employment(2002):	0.24%

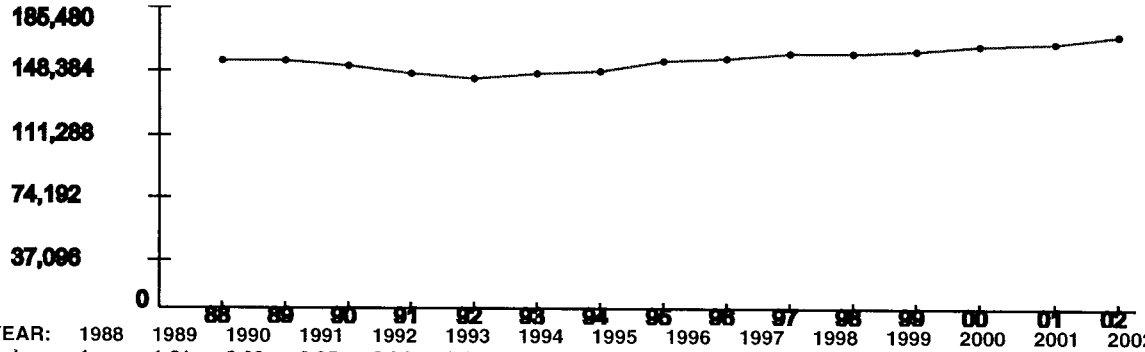
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	4	0	0	0
Direct Civilian:	0	0	188	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	192	192	192	192
Cum Indir/Induc:	0	0	219	219	219	219
Cumulative Total:	0	0	411	411	411	411

Norwich-New London, CT Metropolitan Statistical Area Trend Data

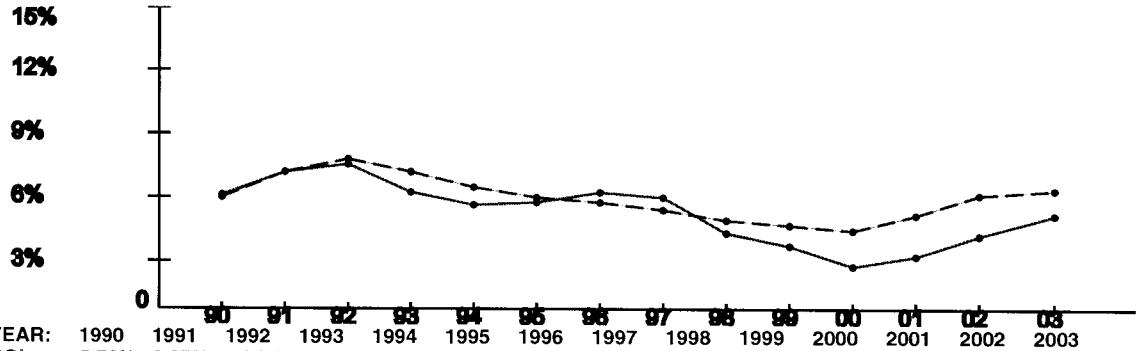
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	0.99	0.95	0.94	0.95	0.97	1	1.02	1.04	1.04	1.05	1.06	1.08	1.11

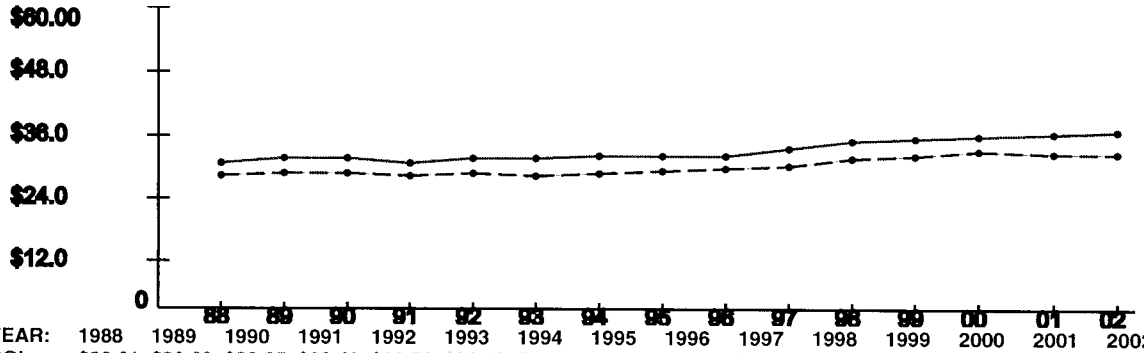
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	5.76%	6.87%	7.24%	5.92%	5.2%	5.32%	5.92%	5.61%	3.86%	3.29%	2.2%	2.77%	3.75%	4.81%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$29.61	$30.62	$30.25	$29.42	$30.73	$30.53	$31	$30.98	$31.05	$32.31	$33.95	$34.35	$35.06	$35.39	$35.91
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0074A: Realign NAVFAC EFD South to NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Mid-Atlantic

The data in this report is rolled up by Action

As of: Thu Feb 10 08:55:26 EST 2005

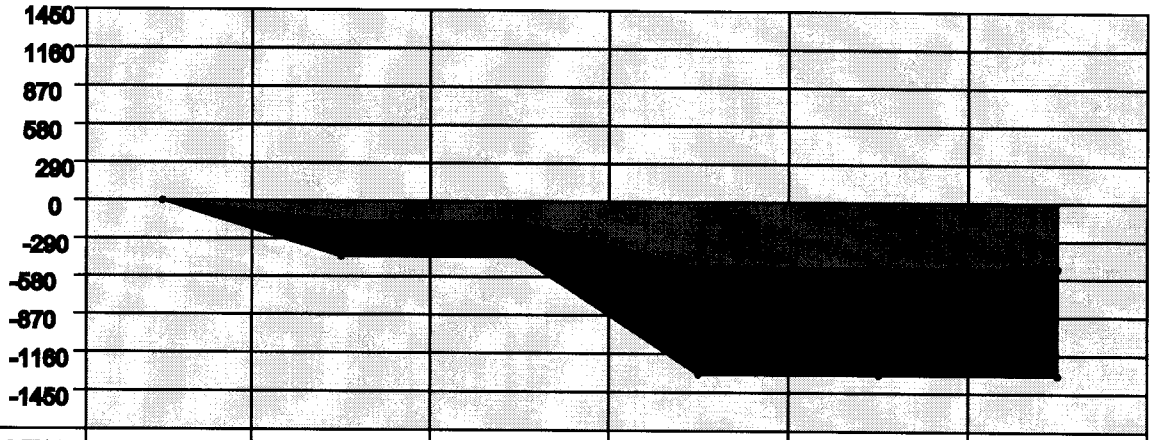
ECONOMIC IMPACT DATA

Scenario:	Realign NAVFAC EFD South to NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Mid-Atlantic
Economic Region of Influence(ROI):	Charleston-North Charleston, SC Metropolitan Statistical Area
Base:	SOUTHNAVFACENGCOM
Action:	NAVFAC EFD Charleston Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	562,799
ROI Employment (2002):	331,580
Authorized Manpower (2005):	546
Authorized Manpower(2005) / ROI Employment(2002):	0.16%
Total Estimated Job Change:	-1,318
Total Estimated Job Change / ROI Employment(2002):	-0.4%

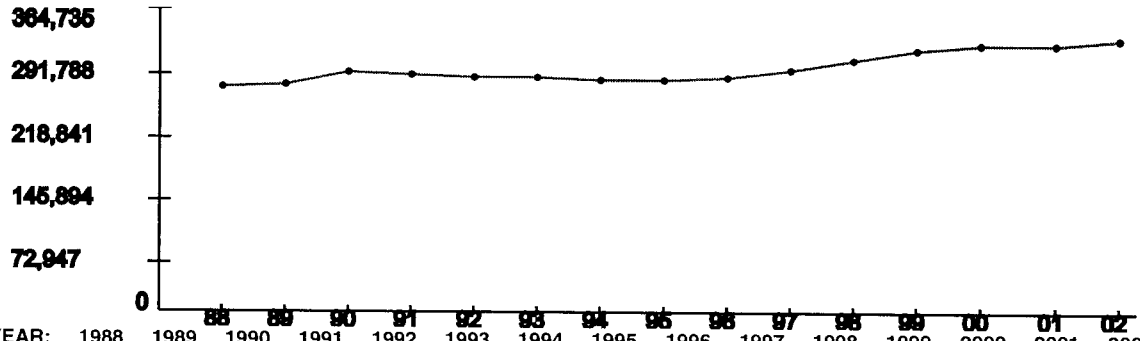
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	-1	0	-5	0	0
Direct Civilian:	0	-160	0	-332	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	-161	-161	-498	-498	-498
Cum Indir/Induc:	0	-265	-265	-820	-820	-820
Cumulative Total:	0	-426	-426	-1318	-1318	-1,318

Charleston-North Charleston, SC Metropolitan Statistical Area Trend Data

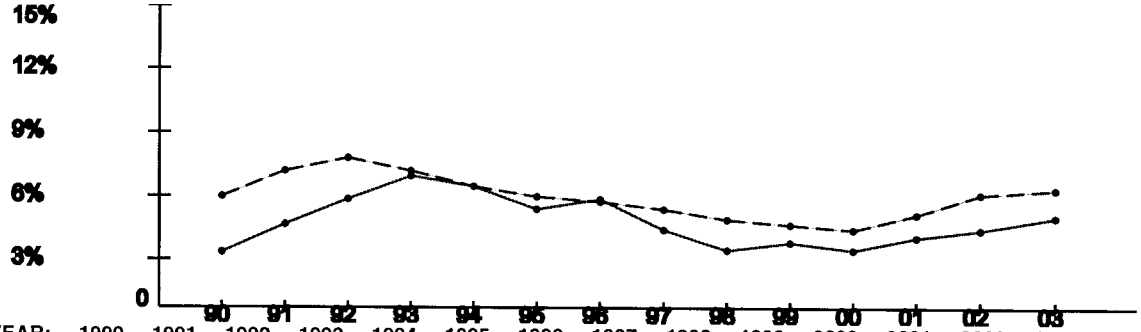
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.02	1.07	1.06	1.05	1.05	1.04	1.04	1.05	1.09	1.13	1.17	1.2	1.19	1.22

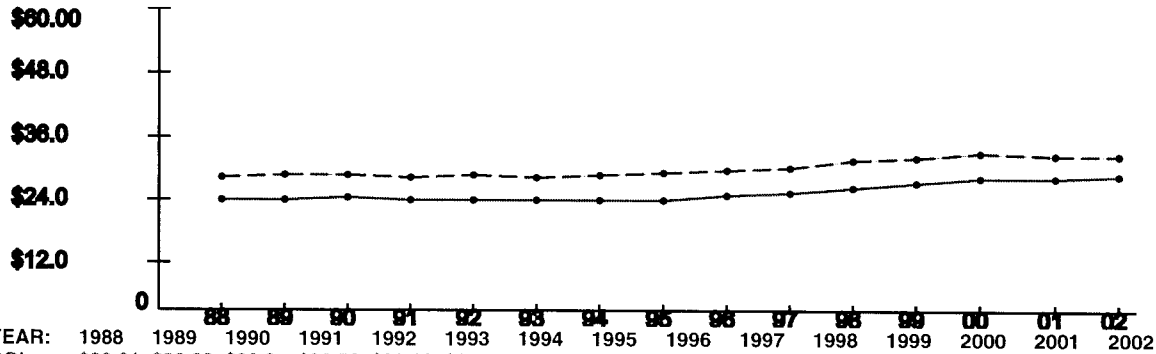
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	2.89%	4.28%	5.46%	6.58%	6.15%	5.04%	5.51%	4.05%	2.95%	3.43%	2.99%	3.65%	3.94%	4.59%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$22.31	$22.28	$23.2	$22.58	$22.62	$22.63	$22.68	$22.66	$23.27	$23.8	$25.13	$26.01	$27.05	$27.03	$27.58
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 08:55:26 EST 2005

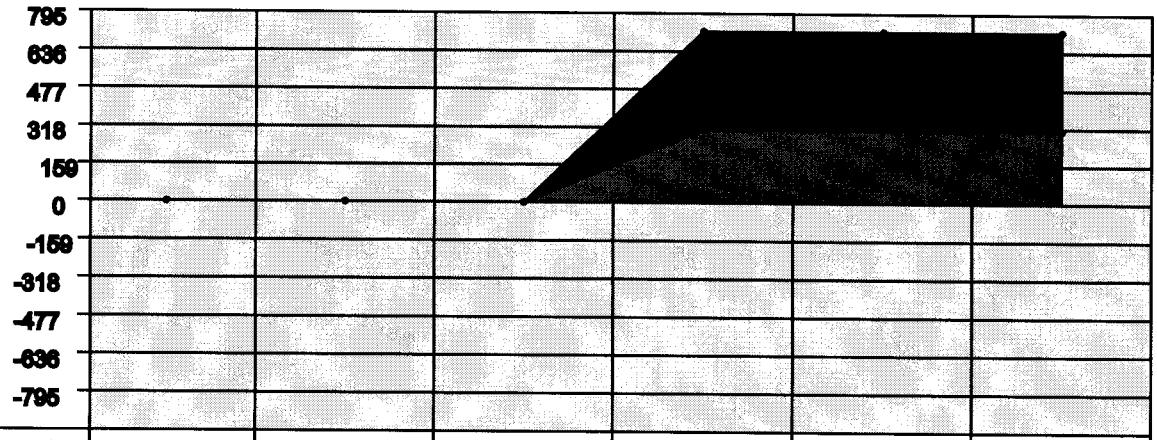
ECONOMIC IMPACT DATA

Scenario:	Realign NAVFAC EFD South to NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Mid-Atlantic
Economic Region of Influence(ROI):	Jacksonville, FL Metropolitan Statistical Area
Base:	NAS JACKSONVILLE
Action:	NAVFAC Southeast Jax Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,176,480
ROI Employment (2002):	727,765
Authorized Manpower (2005):	13,010
Authorized Manpower(2005) / ROI Employment(2002):	1.79%
Total Estimated Job Change:	726
Total Estimated Job Change / ROI Employment(2002):	0.1%

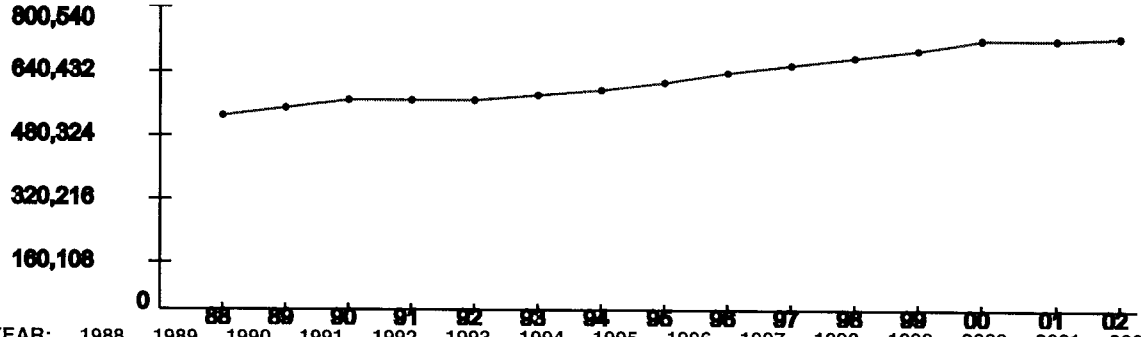
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	3	0	0
Direct Civilian:	0	0	0	301	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	0	304	304	304
Cum Indir/Induc:	0	0	0	422	422	422
Cumulative Total:	0	0	0	726	726	726

Jacksonville, FL Metropolitan Statistical Area Trend Data

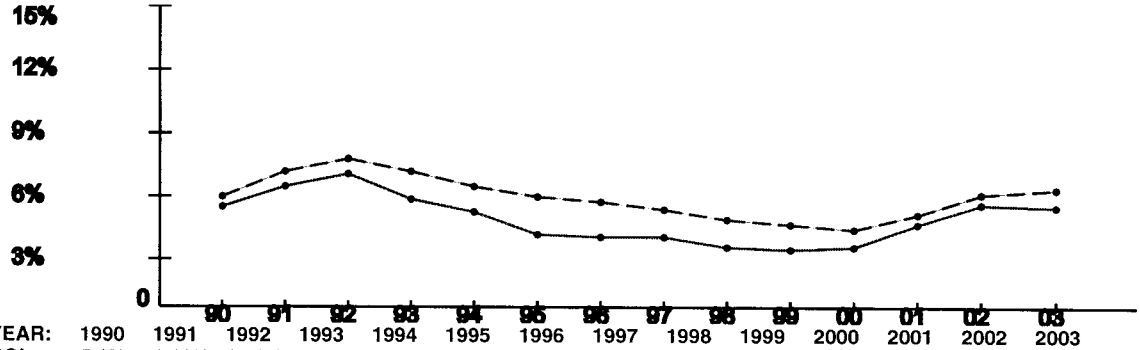
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.03	1.07	1.07	1.07	1.09	1.12	1.16	1.21	1.25	1.29	1.32	1.37	1.38	1.39

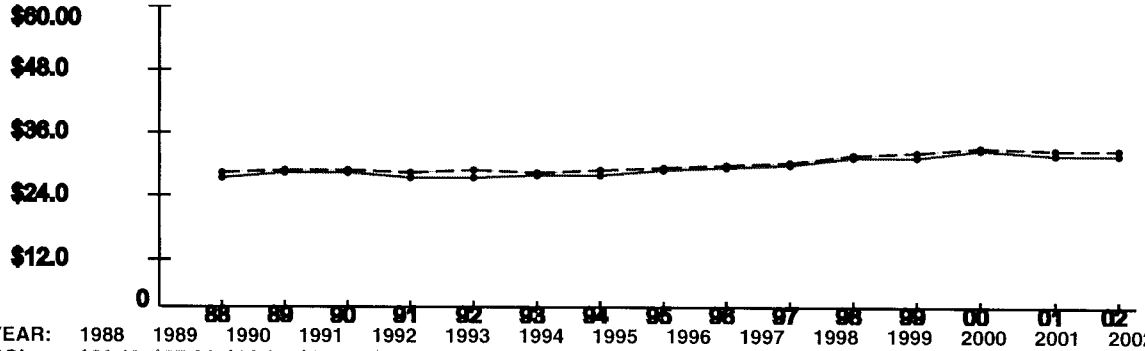
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	5.1%	6.13%	6.71%	5.55%	4.85%	3.72%	3.61%	3.62%	3.1%	2.97%	3.12%	4.25%	5.29%	5.18%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$26.12	$27.04	$26.87	$26.04	$26.15	$26.41	$26.69	$27.42	$27.82	$28.28	$29.85	$30.16	$31.46	$30.7	$30.72
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 08:55:26 EST 2005

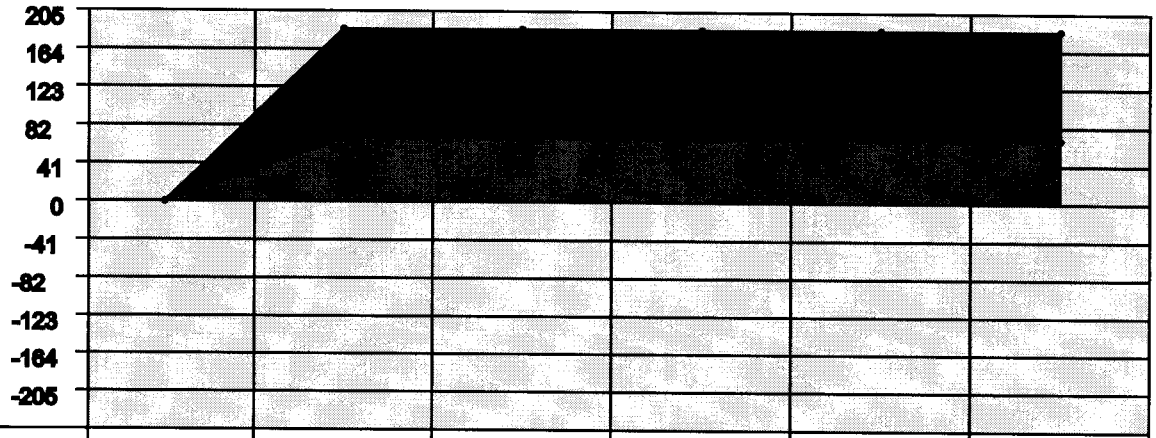
ECONOMIC IMPACT DATA

Scenario: Realign NAVFAC EFD South to NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Mid-Atlantic
Economic Region of Influence(ROI): Lake County-Kenosha County, IL-WI Metropolitan Division
Base: NAVSTA GREAT LAKES
Action: ENGFLDACT MW GLakes Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	828,428
ROI Employment (2002):	498,103
Authorized Manpower (2005):	18,014
Authorized Manpower(2005) / ROI Employment(2002):	3.62%
Total Estimated Job Change:	186
Total Estimated Job Change / ROI Employment(2002):	0.04%

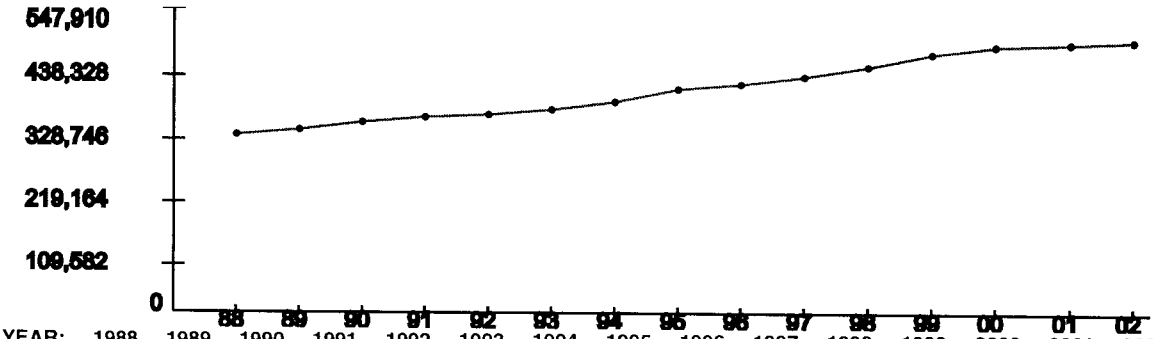
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	1	0	0	0	0
Direct Civilian:	0	68	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	69	69	69	69	69
Cum Indir/Induc:	0	117	117	117	117	117
Cumulative Total:	0	186	186	186	186	186

Lake County-Kenosha County, IL-WI Metropolitan Division Trend Data

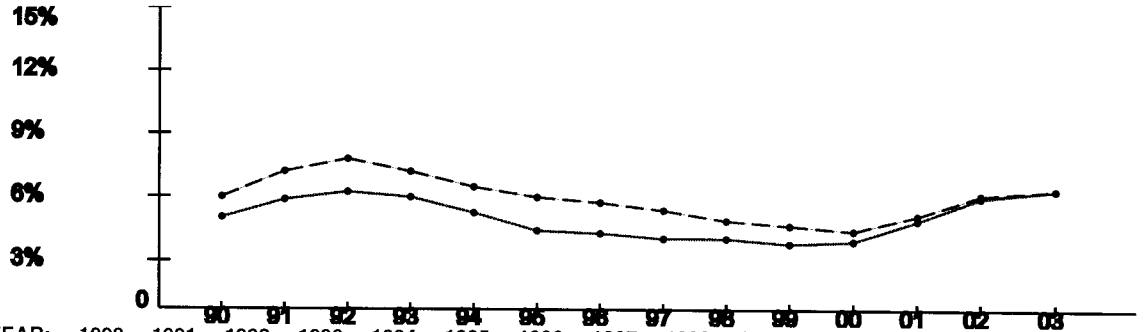
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.04	1.08	1.11	1.12	1.15	1.19	1.26	1.29	1.33	1.38	1.45	1.49	1.51	1.53

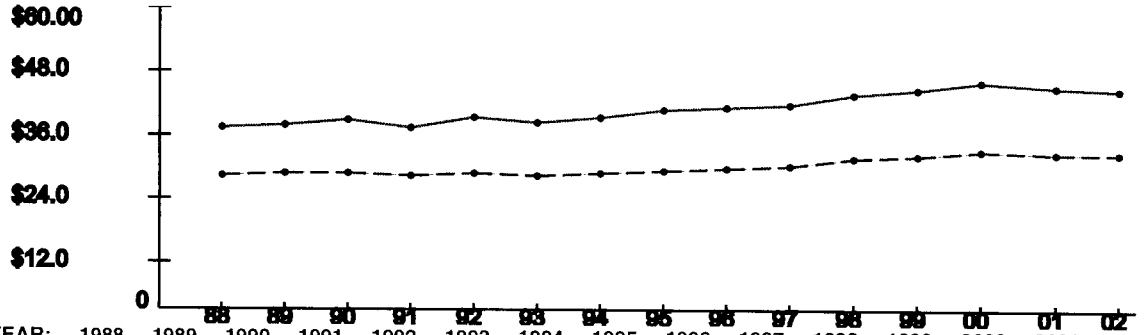
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.61%	5.52%	5.83%	5.68%	4.89%	3.94%	3.87%	3.6%	3.62%	3.32%	3.56%	4.55%	5.68%	6%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$36.4	$37.08	$37.93	$36.69	$38.37	$37.7	$38.45	$39.82	$40.51	$41.16	$43.13	$43.92	$45.67	$44.61	$44.06
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 08:55:26 EST 2005

ECONOMIC IMPACT DATA

Scenario: Realign NAVFAC EFD South to NAVFAC EFA Southeast, ENGFLDACT MW and NAVFAC EFD Mid-Atlantic

Economic Region of Influence(ROI): Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area

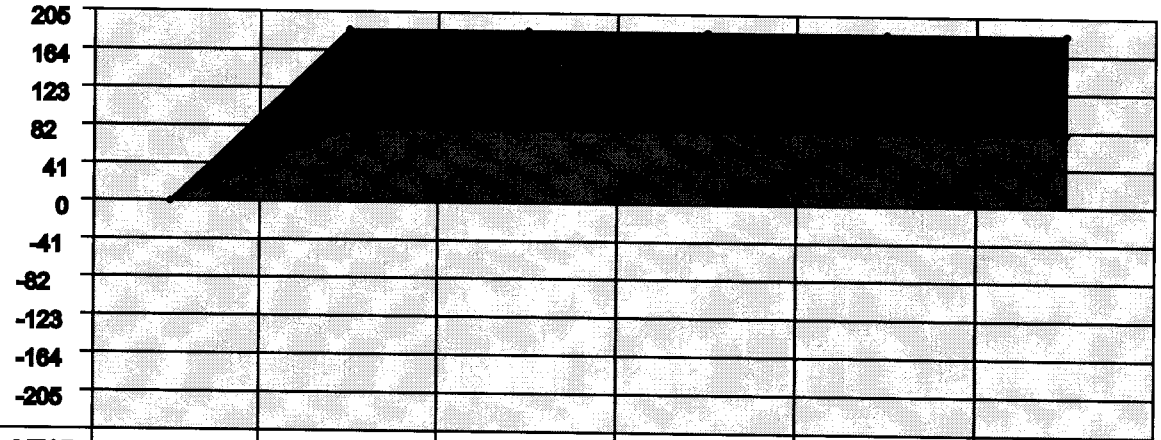
Base: NAVSUPPACT NORFOLK

Action: NAVFAC EFD Atlantic Norfolk Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,613,728
ROI Employment (2002):	978,888
Authorized Manpower (2005):	6,822
Authorized Manpower(2005) / ROI Employment(2002):	0.7%
Total Estimated Job Change:	186
Total Estimated Job Change / ROI Employment(2002):	0.02%

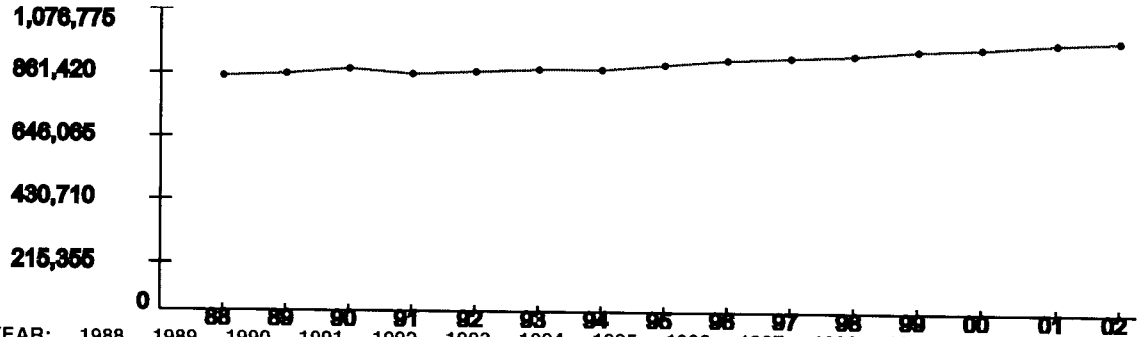
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civilian:	0	78	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	78	78	78	78	78
Cum Indir/Induc:	0	108	108	108	108	108
Cumulative Total:	0	186	186	186	186	186

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

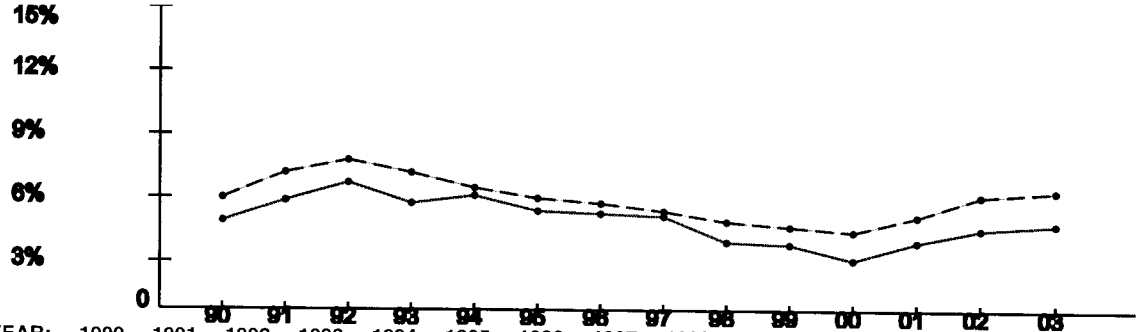
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.02	1.03	1.02	1.03	1.04	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.15	1.17

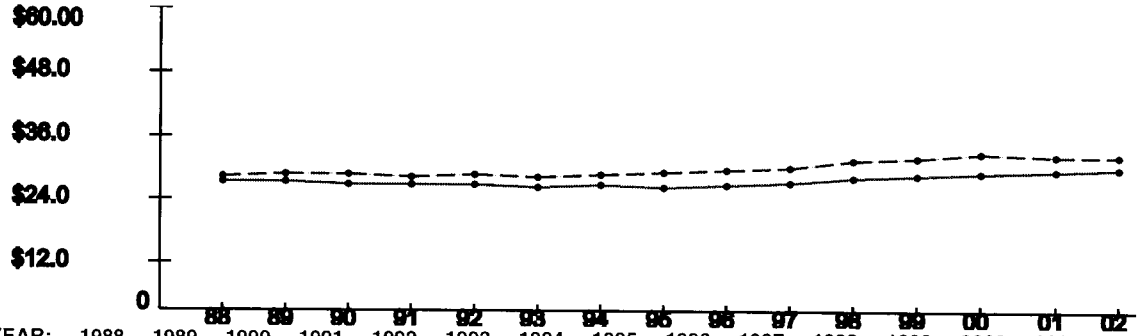
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.55%	5.56%	6.34%	5.41%	5.75%	4.95%	4.85%	4.8%	3.45%	3.37%	2.62%	3.51%	4.18%	4.42%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$25.9	$26.04	$25.47	$25.31	$25.43	$25.21	$25.31	$25.18	$25.65	$26.18	$27.12	$27.51	$28.16	$28.63	$29.01
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0075: Realign NAVFAC EFA Northeast to NAVFAC EFD Atlantic

The data in this report is rolled up by Action

As of: Thu Feb 10 08:52:35 EST 2005

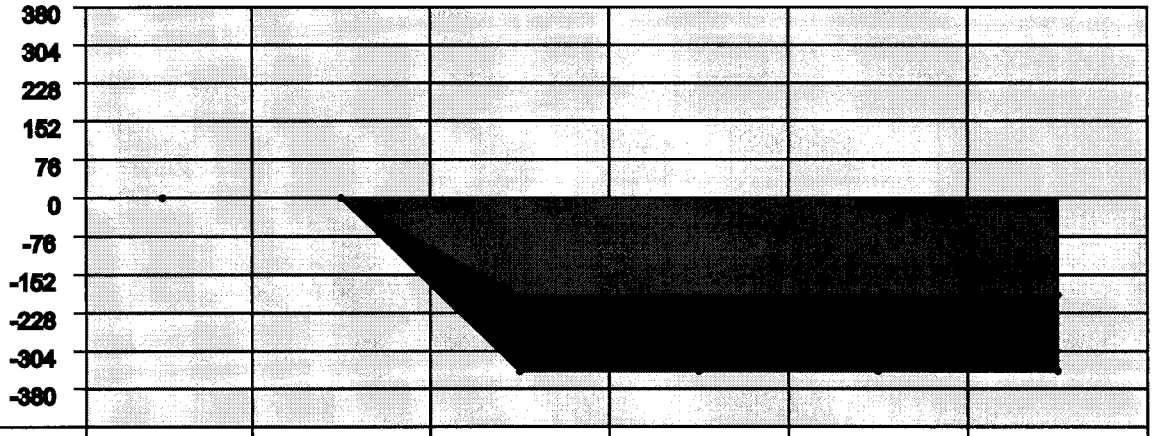
ECONOMIC IMPACT DATA

Scenario: Realign NAVFAC EFA Northeast to NAVFAC EFD Atlantic
Economic Region of Influence(ROI): Philadelphia, PA Metropolitan Division
Base: ENGFLDACT NORTHEAST
Action: NAVFAC EFA Northeast Philly Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	3,866,263
ROI Employment (2002):	2,273,372
Authorized Manpower (2005):	313
Authorized Manpower(2005) / ROI Employment(2002):	0.01%
Total Estimated Job Change:	-347
Total Estimated Job Change / ROI Employment(2002):	-0.02%

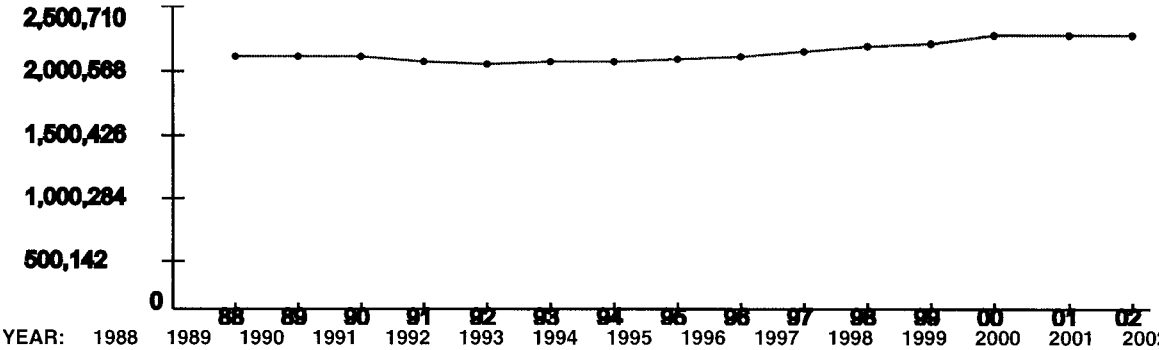
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	-4	0	0	0
Direct Civilian:	0	0	-188	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	-192	-192	-192	-192
Cum Indir/Induc:	0	0	-155	-155	-155	-155
Cumulative Total:	0	0	-347	-347	-347	-347

Philadelphia, PA Metropolitan Division Trend Data

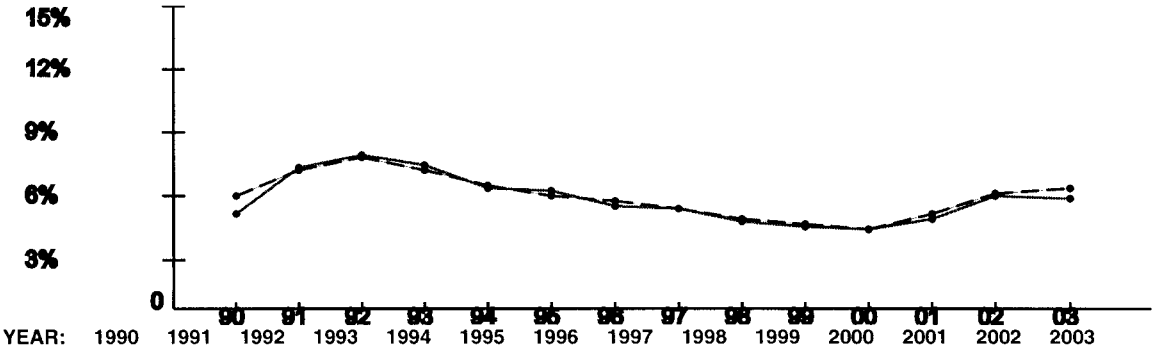
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	1.01	0.98	0.97	0.98	0.98	0.99	1	1.02	1.04	1.06	1.08	1.08	1.08

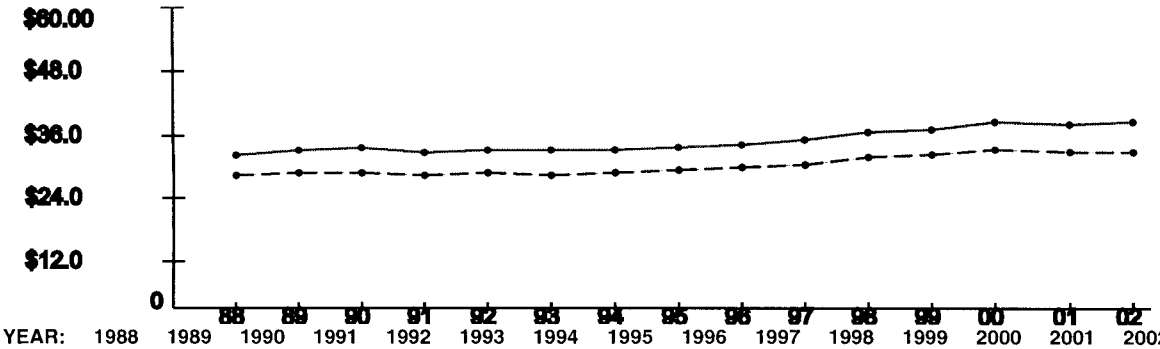
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.79%	6.95%	7.61%	7.18%	6.04%	5.82%	5.13%	4.96%	4.36%	4.16%	4.05%	4.45%	5.62%	5.56%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.87	$31.86	$32.3	$31.65	$32.23	$31.97	$31.99	$32.44	$33.14	$33.88	$35.7	$36.15	$37.51	$37.19	$37.59
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 08:52:35 EST 2005

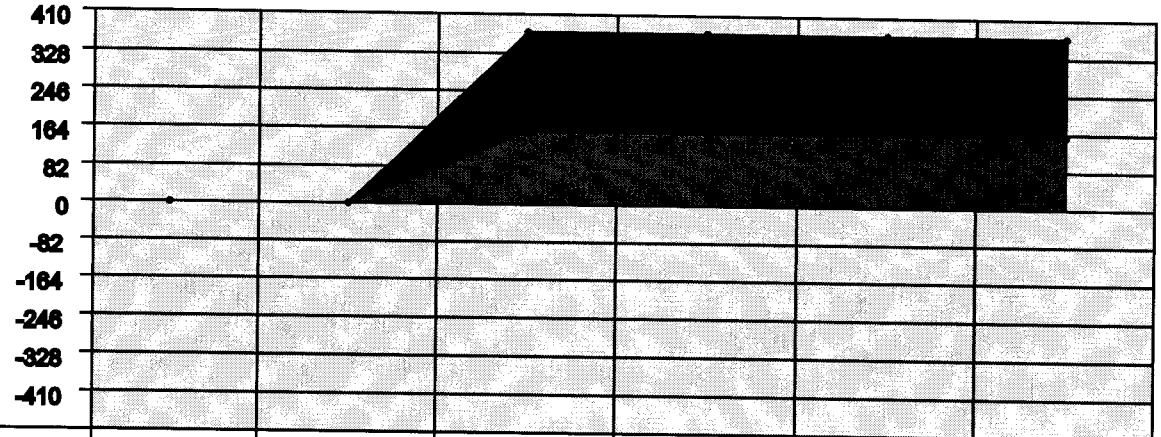
ECONOMIC IMPACT DATA

Scenario:	Realign NAVFAC EFA Northeast to NAVFAC EFD Atlantic
Economic Region of Influence(ROI):	Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area
Base:	NAVSUPPACT NORFOLK
Action:	NAVFAC EFD Atlantic Norfolk Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,613,728
ROI Employment (2002):	978,888
Authorized Manpower (2005):	6,822
Authorized Manpower(2005) / ROI Employment(2002):	0.7%
Total Estimated Job Change:	375
Total Estimated Job Change / ROI Employment(2002):	0.04%

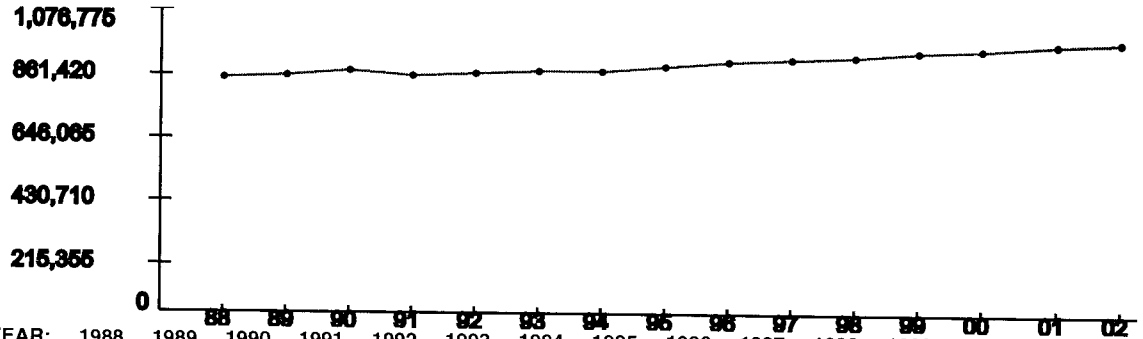
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	1	0	0	0
Direct Civilian:	0	0	156	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	157	157	157	157
Cum Indir/Induc:	0	0	218	218	218	218
Cumulative Total:	0	0	375	375	375	375

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

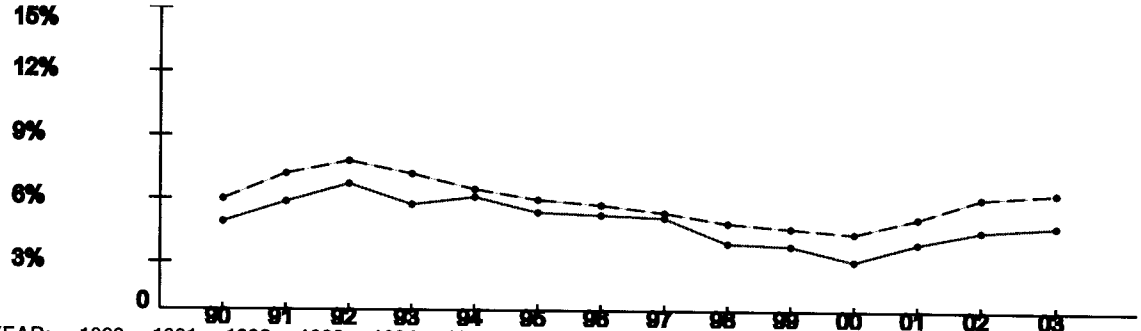
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.02	1.03	1.02	1.03	1.04	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.15	1.17

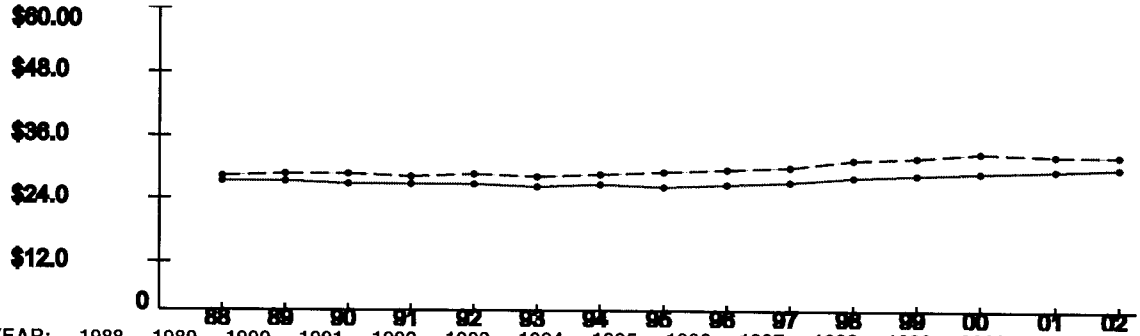
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.55%	5.56%	6.34%	5.41%	5.75%	4.95%	4.85%	4.8%	3.45%	3.37%	2.62%	3.51%	4.18%	4.42%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$25.9	$26.04	$25.47	$25.31	$25.43	$25.21	$25.31	$25.18	$25.65	$26.18	$27.12	$27.51	$28.16	$28.63	$29.01
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0154: Relocate NAVCRANECEN Lester PA to Norfolk Naval Shipyard

The data in this report is rolled up by Action

As of: Thu Feb 10 09:06:40 EST 2005

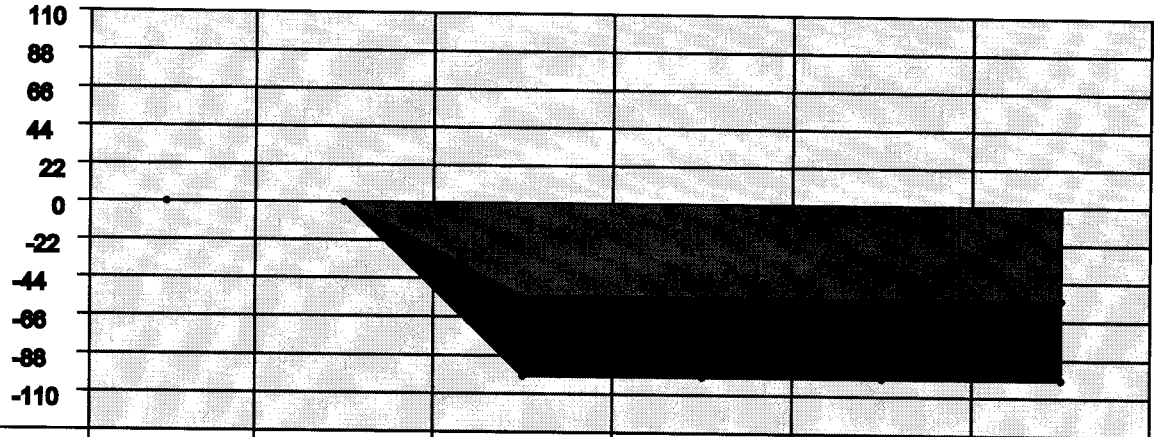
ECONOMIC IMPACT DATA

Scenario:	Relocate NAVCRANECEN Lester PA to Norfolk Naval Shipyard
Economic Region of Influence(ROI):	Philadelphia, PA Metropolitan Division
Base:	NAVCRANECEN LESTER
Action:	NAVCRANECEN Lester Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	3,866,263
ROI Employment (2002):	2,273,372
Authorized Manpower (2005):	58
Authorized Manpower(2005) / ROI Employment(2002):	0%
Total Estimated Job Change:	-100
Total Estimated Job Change / ROI Employment(2002):	-0%

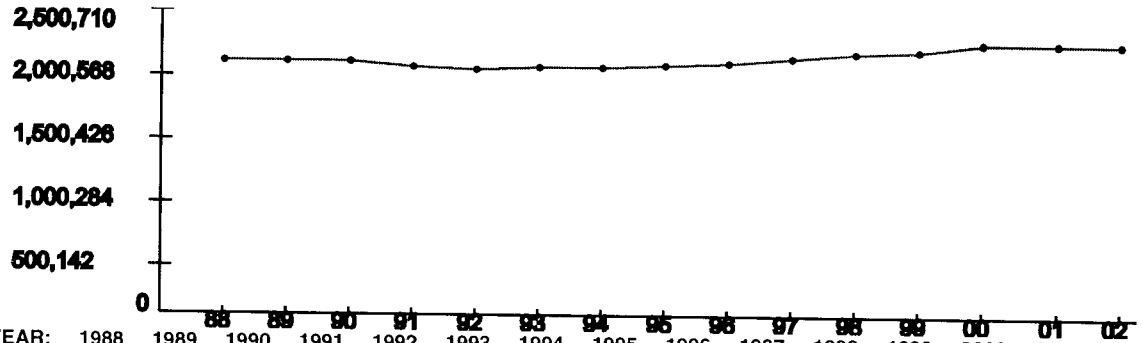
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	-1	0	0	0
Direct Civilian:	0	0	-54	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	-55	-55	-55	-55
Cum Indir/Induc:	0	0	-45	-45	-45	-45
Cumulative Total:	0	0	-100	-100	-100	-100

Philadelphia, PA Metropolitan Division Trend Data

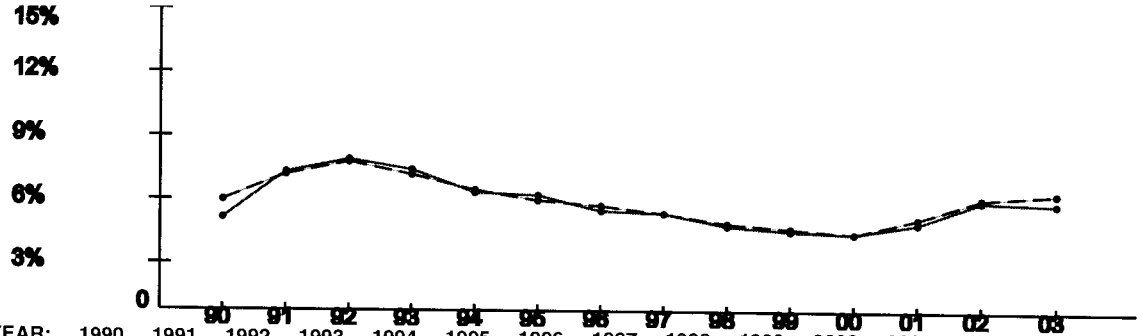
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	1.01	0.98	0.97	0.98	0.98	0.99	1	1.02	1.04	1.06	1.08	1.08	1.08

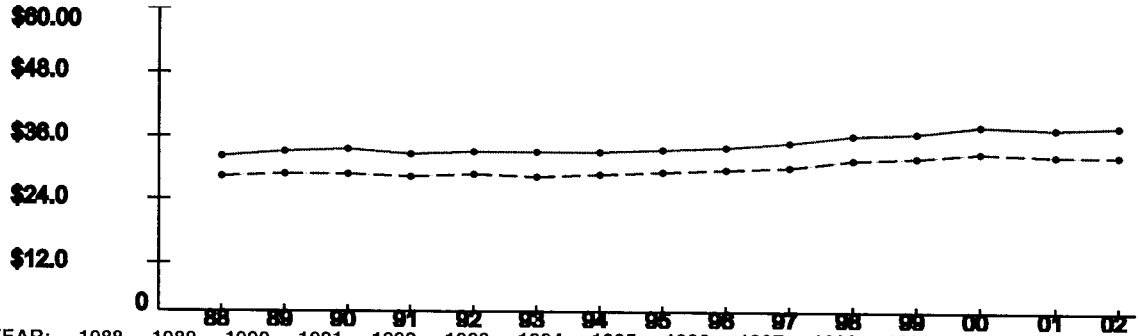
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.79%	6.95%	7.61%	7.18%	6.04%	5.82%	5.13%	4.96%	4.36%	4.16%	4.05%	4.45%	5.62%	5.56%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.87	$31.86	$32.3	$31.65	$32.23	$31.97	$31.99	$32.44	$33.14	$33.88	$35.7	$36.15	$37.51	$37.19	$37.59
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 09:06:40 EST 2005

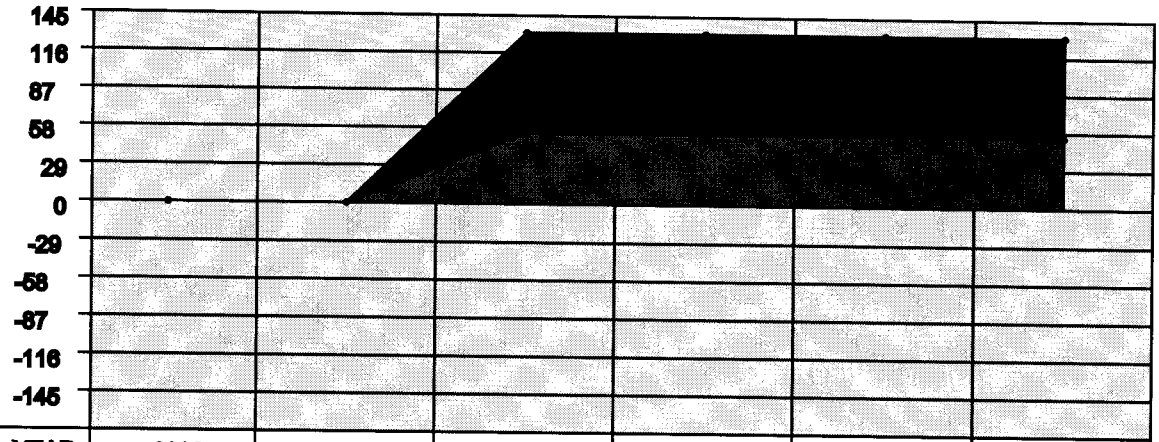
ECONOMIC IMPACT DATA

Scenario:	Relocate NAVCRANECEN Lester PA to Norfolk Naval Shipyard
Economic Region of Influence(ROI):	Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area
Base:	NSY NORFOLK
Action:	NAVSHIPYD Norfolk Gaining

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:	131
Total Estimated Job Change / ROI Employment(2002):	0.01%

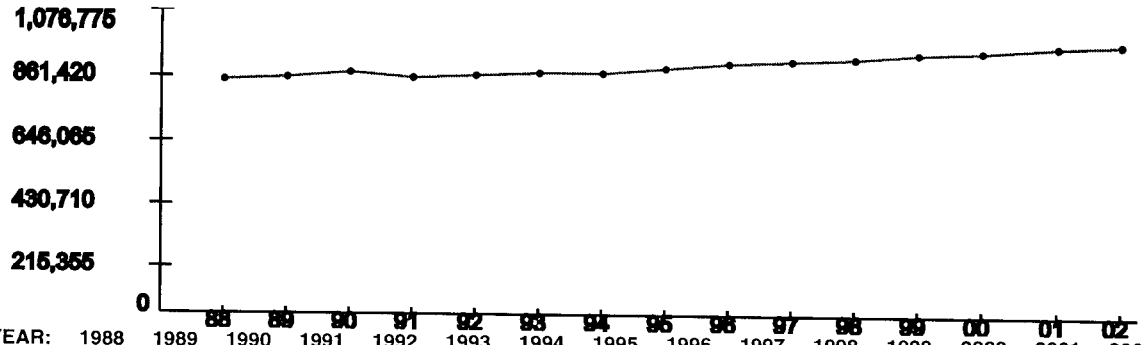
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	1	0	0	0
Direct Civilian:	0	0	54	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	55	55	55	55
Cum Indir/Induc:	0	0	76	76	76	76
Cumulative Total:	0	0	131	131	131	131

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

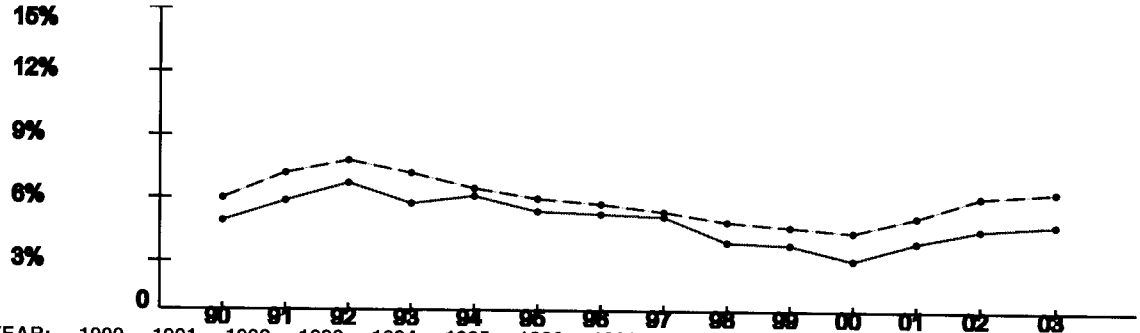
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.02	1.03	1.02	1.03	1.04	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.15	1.17

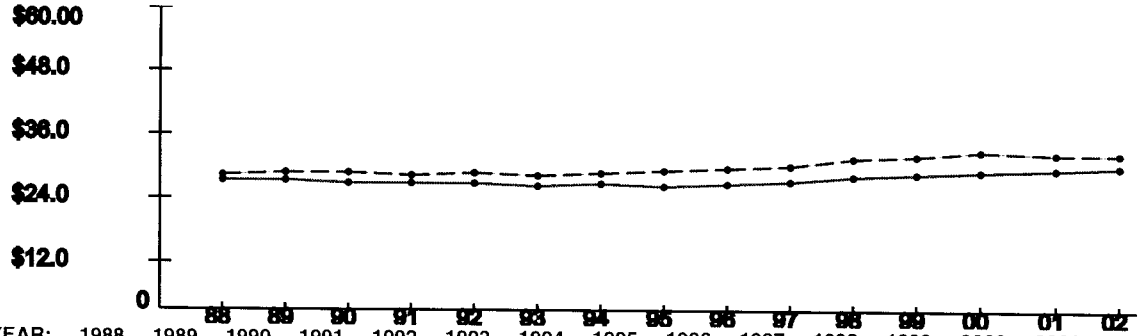
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.55%	5.56%	6.34%	5.41%	5.75%	4.95%	4.85%	4.8%	3.45%	3.37%	2.62%	3.51%	4.18%	4.42%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$25.9	$26.04	$25.47	$25.31	$25.43	$25.21	$25.31	$25.18	$25.65	$26.18	$27.12	$27.51	$28.16	$28.63	$29.01
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0160: Relocate NAVCRANECEN Lester PA to PNBC

The data in this report is rolled up by Action

As of: Thu Feb 10 09:08:23 EST 2005

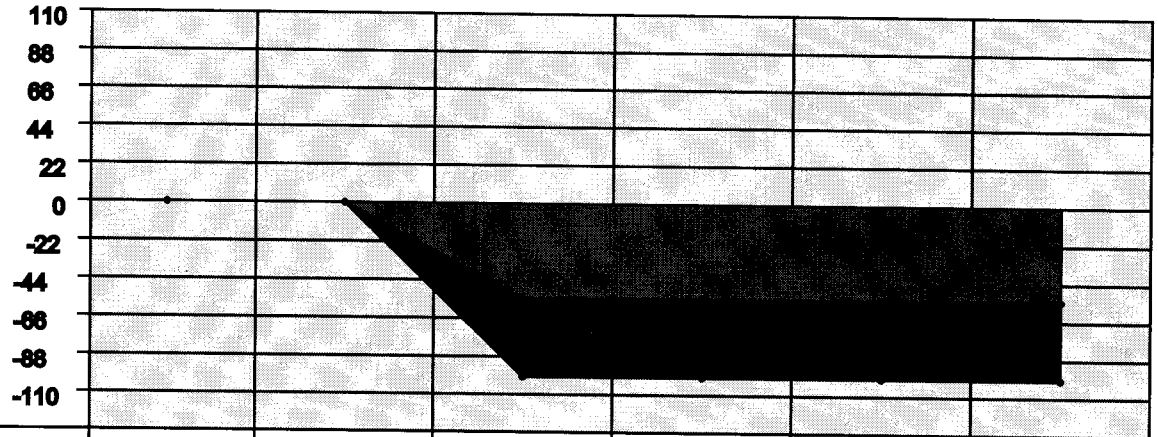
ECONOMIC IMPACT DATA

Scenario:	Relocate NAVCRANECEN Lester PA to PNBC
Economic Region of Influence(ROI):	Philadelphia, PA Metropolitan Division
Base:	NAVCRANECEN LESTER
Action:	NAVCRANECEN Lester Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	3,866,263
ROI Employment (2002):	2,273,372
Authorized Manpower (2005):	58
Authorized Manpower(2005) / ROI Employment(2002):	0%
Total Estimated Job Change:	-100
Total Estimated Job Change / ROI Employment(2002):	-0%

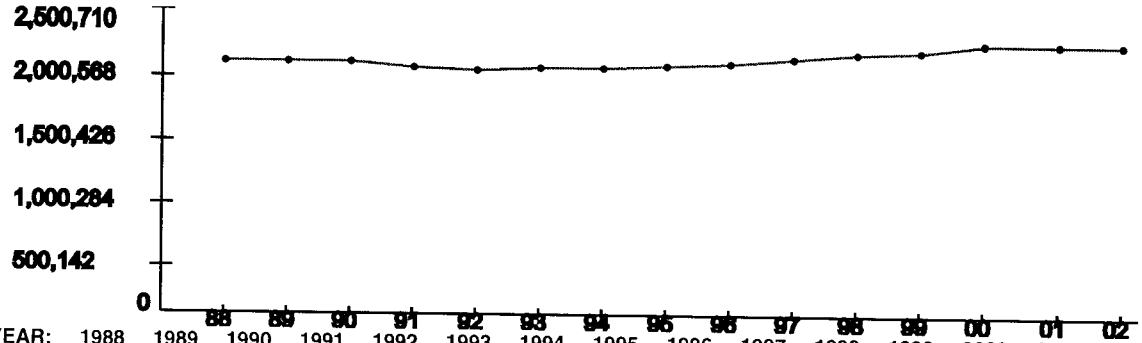
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	-1	0	0	0
Direct Civilian:	0	0	-54	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	-55	-55	-55	-55
Cum Indir/Induc:	0	0	-45	-45	-45	-45
Cumulative Total:	0	0	-100	-100	-100	-100

Philadelphia, PA Metropolitan Division Trend Data

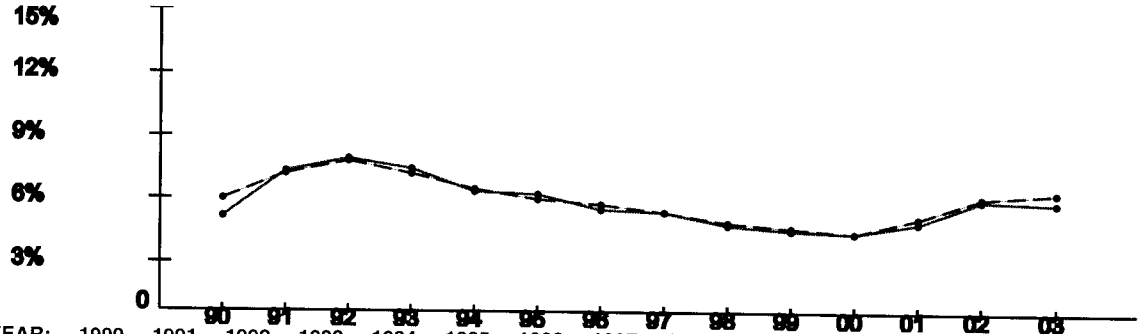
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	1.01	0.98	0.97	0.98	0.98	0.99	1	1.02	1.04	1.06	1.08	1.08	1.08

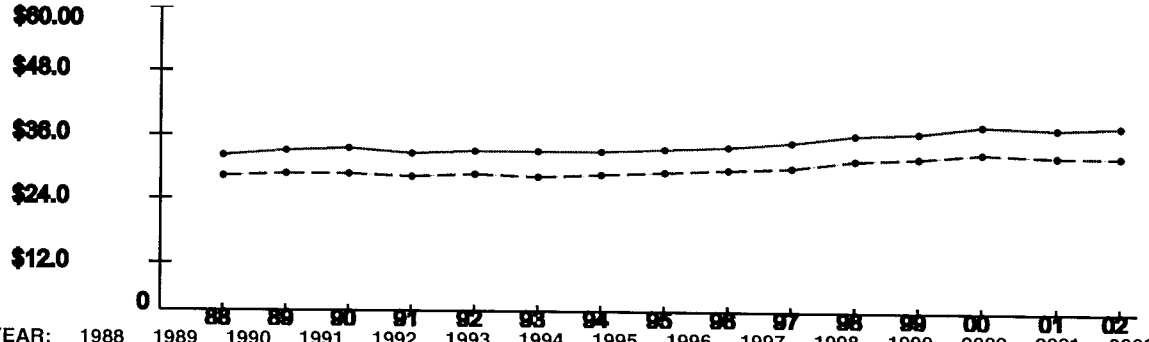
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.79%	6.95%	7.61%	7.18%	6.04%	5.82%	5.13%	4.96%	4.36%	4.16%	4.05%	4.45%	5.62%	5.56%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.87	$31.86	$32.3	$31.65	$32.23	$31.97	$31.99	$32.44	$33.14	$33.88	$35.7	$36.15	$37.51	$37.19	$37.59
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 09:08:23 EST 2005

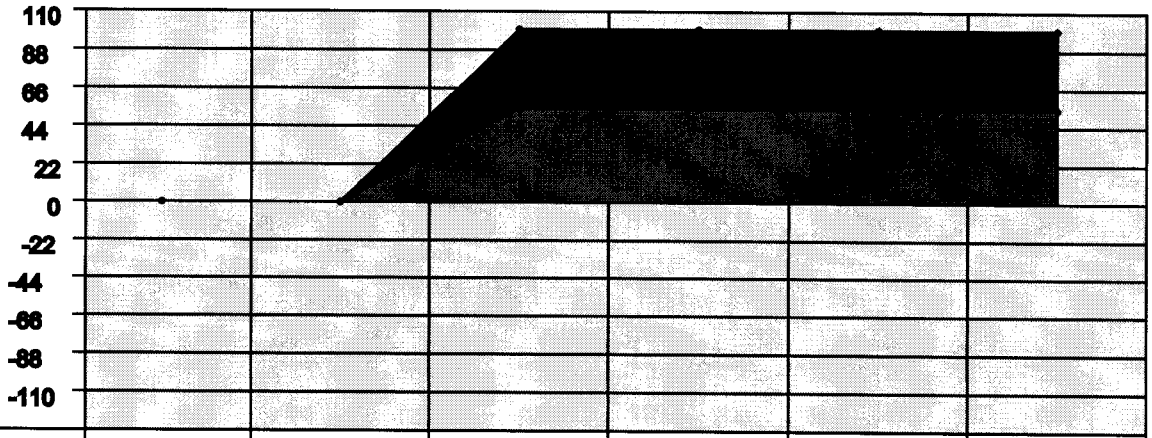
ECONOMIC IMPACT DATA

Scenario:	Relocate NAVCRANECEN Lester PA to PNBC
Economic Region of Influence(ROI):	Philadelphia, PA Metropolitan Division
Base:	HRSC NE
Action:	PNBC Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	3,866,263
ROI Employment (2002):	2,273,372
Authorized Manpower (2005):	366
Authorized Manpower(2005) / ROI Employment(2002):	0.02%
Total Estimated Job Change:	100
Total Estimated Job Change / ROI Employment(2002):	0%

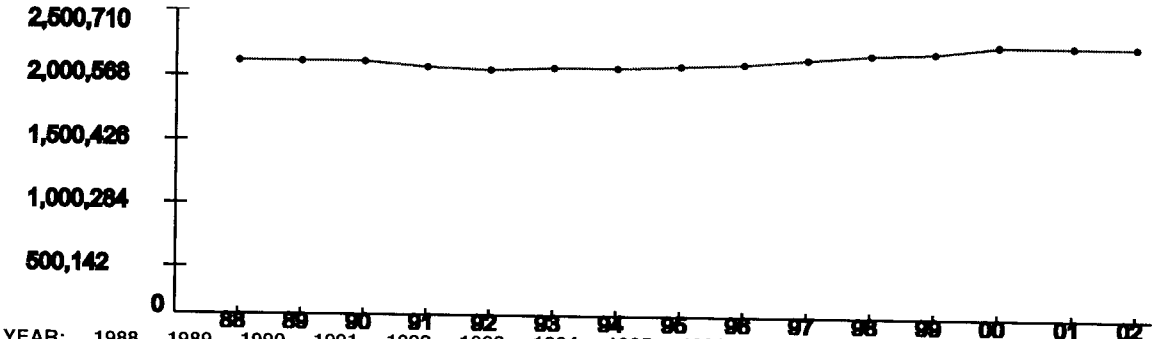
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	1	0	0	0
Direct Civilian:	0	0	54	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	55	55	55	55
Cum Indir/Induc:	0	0	45	45	45	45
Cumulative Total:	0	0	100	100	100	100

Philadelphia, PA Metropolitan Division Trend Data

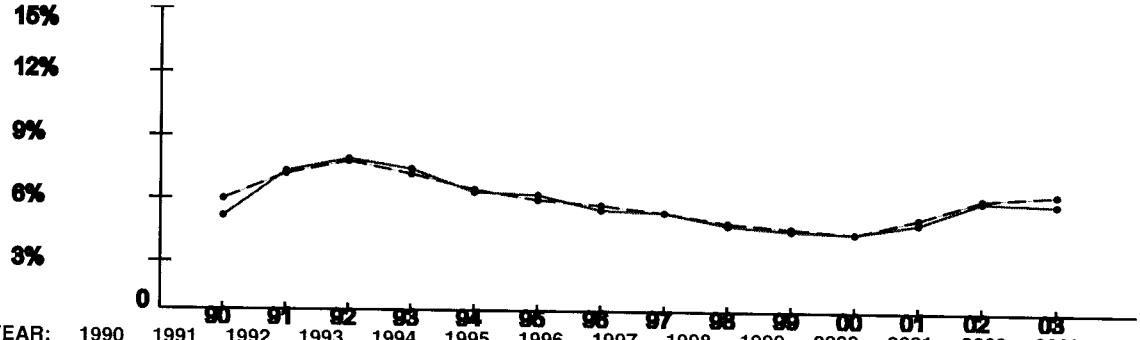
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	1.01	0.98	0.97	0.98	0.98	0.99	1	1.02	1.04	1.06	1.08	1.08	1.08

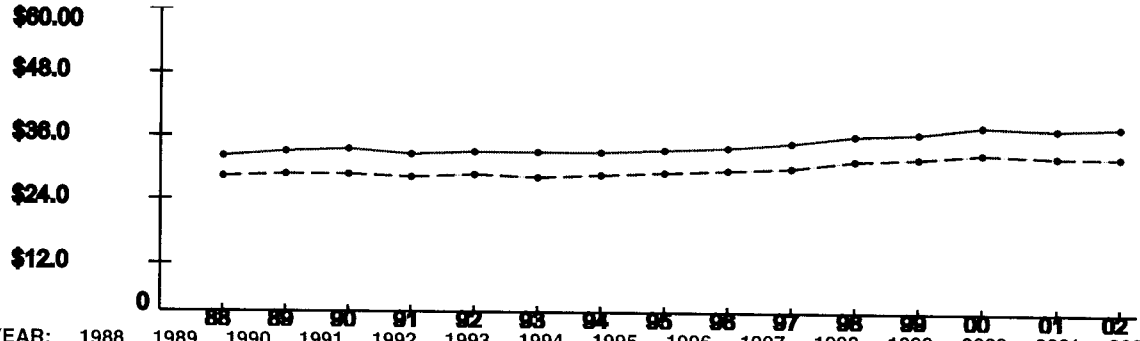
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.79%	6.95%	7.61%	7.18%	6.04%	5.82%	5.13%	4.96%	4.36%	4.16%	4.05%	4.45%	5.62%	5.56%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.87	$31.86	$32.3	$31.65	$32.23	$31.97	$31.99	$32.44	$33.14	$33.88	$35.7	$36.15	$37.51	$37.19	$37.59
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA , PA

Demographics

The following tables provide a short description of the area near the installation/activity.
NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA is 10.7 miles from Philadelphia, PA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Philadelphia, PA-NJ PMSA	5,100,931

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

County/City	Population
Burlington	423394
Camden	508932
Delaware	550864
Gloucester	254673
New Castle	500265
Philadelphia	1517550
Total	3,755,678

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 63

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.

Median Household Income (US Avg $41,994)	$47,536	Basis: MSA
Median House Value (US Avg $119,600)	$121,200	

GS Locality Pay ("Rest of US" 10.9%)	15.3%	
O-3 with Dependents BAH Rate	$1,616	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity		126 MFRs
Students Enrolled	528,099	126 of 126 districts
Average Pupil/Teacher Ratio	14.8:1	126 of 126 districts
High School Students Enrolled	204,368	67 of 67 districts
Average High School Graduation Rate (US Avg 67.3%)	82.2%	67 of 67 districts
Average Composite SAT I Score (US Avg 1026)	933	67 of 67 districts

Average ACT Score (US Avg 20.8)	6	67 of 67 districts
Available Graduate/PhD Programs	30	
Available Colleges and/or Universities	43	
Available Vocational and/or Technical Schools	16	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.2%	3.9%	4.3%	5.5%	5.5%
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	1.3%	- .4%	1.3%	.6%	- .8%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	133,597	Basis: MSA
Vacant Sale Units	23,424	
Vacant Rental Units	39,843	

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.

	# Physicians	# Beds	Population	
Local Community	14,561	19,100	5,100,931	Basis: MSA
Ratio	1:350	1:267		
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:

Local UCR	3,389.7	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 NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA to nearest commercial airport: 4.1 miles
Is NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA 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

SUBASE_NEW_LONDON_CT, CT

Demographics

The following tables provide a short description of the area near the installation/activity. SUBASE_NEW_LONDON_CT is 50.7 miles from Hartford, CT, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
New London-Norwich, CT NECMA	259,088

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

County/City	Population
New London	259088
Windham	109091
Total	368,179

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 31

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.

Median Household Income (US Avg $41,994)	$50,646	Basis: MSA
Median House Value (US Avg $119,600)	$142,200	
GS Locality Pay ("Rest of US" 10.9%)	17.9%	
O-3 with Dependents BAH Rate	$1,624	
In-state Tuition for Family Member	Yes	
In-state Tuition Continues if Member PCSs Out of State	Yes	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	40,881	17 of 18 districts
Students Enrolled	37,545	18 of 18 districts
Average Pupil/Teacher Ratio	13.3:1	18 of 18 districts
High School Students Enrolled	12,052	12 of 12 districts
Average High School Graduation Rate (US Avg 67.3%)	90.1%	12 of 12 districts
Average Composite SAT I Score (US Avg 1026)	1002	12 of 12 districts
Average ACT Score (US Avg 20.8)		12 of 12 districts
Available Graduate/PhD Programs	7	

Available Colleges and/or Universities	8
Available Vocational and/or Technical Schools	1

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.3%	2.3%	2.8%	3.7%	4.8%
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	1.8%	2.5%	- .2%	2.7%	1.5%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	10,839	Basis: MSA
Vacant Sale Units	1,085	
Vacant Rental Units	2,328	

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.

	# Physicians	# Beds	Population	
Local Community	433	543	259,088	Basis: special
Ratio	1:598	1:477		
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:

Local UCR	2,997.2	Basis: special
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 SUBASE_NEW_LONDON_CT to nearest commercial airport: 4.7 miles
Is SUBASE_NEW_LONDON_CT 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

NAVFAC_EFD_SOUTH_CHARLESTON_SC, SC

Demographics

The following tables provide a short description of the area near the installation/activity. NAVFAC_EFD_SOUTH_CHARLESTON_SC is 106.2 miles from Columbia, SC, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Charleston-North Charleston, SC MSA	549,033

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

County/City	Population
Berkeley	142651
Charleston	309969
Dorchester	96413
Total	549,033

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 7

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.

Median Household Income (US Avg $41,994)	$39,491	Basis: MSA
Median House Value (US Avg $119,600)	$111,500	
GS Locality Pay ("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate	$1,154	

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	96,414	3 of 3 districts
Students Enrolled	84,683	3 of 3 districts
Average Pupil/Teacher Ratio	21.3:1	3 of 3 districts
High School Students Enrolled	25,733	3 of 3 districts
Average High School Graduation Rate (US Avg 67.3%)	68.8%	3 of 3 districts
Average Composite SAT I Score (US Avg 1026)	992	3 of 3 districts
Average ACT Score (US Avg 20.8)	19	3 of 3 districts
Available Graduate/PhD Programs	6	
Available Colleges and/or Universities	8	
Available Vocational and/or Technical Schools	1	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.4%	3.0%	3.7%	3.9%	4.6%
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	.8%	2.3%	-2.5%	3.7%	3.0%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	25,028	Basis: MSA
Vacant Sale Units	2,573	
Vacant Rental Units	7,621	

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.

	# Physicians	# Beds	Population	
Local Community	1,441	2,058	549,033	Basis: MSA

Ratio	1:381	1:267		
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:

Local UCR	5,803.1	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 NAVFAC_EFD_SOUTH_CHARLESTON_SC to nearest commercial airport: 5.5 miles
Is NAVFAC_EFD_SOUTH_CHARLESTON_SC 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

NAS_JACKSONVILLE_FL, FL

Demographics

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

MSA	Population
Jacksonville, FL MSA	1,100,491

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

County/City	Population
Baker	22259
Bradford	26088
Clay	140814
Duval	778879
Nassau	57663
St. Johns	123135
Total	1,148,838

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 57

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.

Median Household Income (US Avg $41,994)	$42,439	Basis: MSA
Median House Value (US Avg $119,600)	$98,100	
GS Locality Pay ("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate	$1,074	

In-state Tuition for Family Member	Yes	
In-state Tuition Continues if Member PCSs Out of State	Yes	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	189,542	3 of 3 districts
Students Enrolled	190,731	3 of 3 districts
Average Pupil/Teacher Ratio	18.5:1	3 of 3 districts
High School Students Enrolled	47,791	3 of 3 districts
Average High School Graduation Rate (US Avg 67.3%)	67.9%	3 of 3 districts
Average Composite SAT I Score (US Avg 1026)	992	3 of 3 districts
Average ACT Score (US Avg 20.8)	21	3 of 3 districts
Available Graduate/PhD Programs	4	
Available Colleges and/or Universities	11	
Available Vocational and/or Technical Schools	3	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.0%	3.1%	4.2%	5.3%	5.2%
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	2.6%	2.5%	.4%	-1.2%	.5%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	41,867	Basis: MSA
Vacant Sale Units	5,939	
Vacant Rental Units	15,221	

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.

	# Physicians	# Beds	Population	
Local Community	3,043	2,866	1,100,491	Basis: MSA

Ratio	1:362	1:384		
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:

Local UCR	5,821.5	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 NAS_JACKSONVILLE_FL to nearest commercial airport: 24.0 miles
Is NAS_JACKSONVILLE_FL 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_GREAT_LAKES_IL, IL

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_GREAT_LAKES_IL is 43.3 miles from Chicago, IL, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Chicago, IL PMSA	8,272,768

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

County/City	Population
Cook	5376741
Kenosha	149577
Lake	644356
Mchenry	260077
Total	6,430,751

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 395

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.

Median Household Income (US Avg $41,994)	$51,680	Basis: MSA
Median House Value (US Avg $119,600)	$166,200	
GS Locality Pay ("Rest of US" 10.9%)	18.3%	
O-3 with Dependents BAH Rate	$1,556	

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	251,968	69 of 69 districts
Students Enrolled	236,924	69 of 69 districts
Average Pupil/Teacher Ratio	17.3:1	69 of 69 districts
High School Students Enrolled	82,548	21 of 21 districts
Average High School Graduation Rate (US Avg 67.3%)	92.0%	21 of 21 districts
Average Composite SAT I Score (US Avg 1026)	820	21 of 21 districts
Average ACT Score (US Avg 20.8)	22	21 of 21 distric

		ts
Available Graduate/PhD Programs	20	
Available Colleges and/or Universities	34	
Available Vocational and/or Technical Schools	26	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.1%	4.1%	5.4%	6.7%	6.8%
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%	1.1%	-1.7%	-2.9%	- .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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	160,948	Basis: MSA
Vacant Sale Units	30,605	
Vacant Rental Units	64,498	

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.

	# Physicians	# Beds	Population	
Local Community	21,368	24,041	8,272,768	Basis: special
Ratio	1:387	1:344		
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:

Local UCR	4,016.4	Basis: special
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_GREAT_LAKES_IL to nearest commercial airport: 29.9 miles
Is NAVSTA_GREAT_LAKES_IL 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.

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	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	214,553	5 of 5 districts
Students Enrolled	198,947	5 of 5 districts
Average Pupil/Teacher Ratio	12.7:1	5 of 5 districts
High School Students Enrolled	55,928	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	79.8%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)	968	5 of 5 districts
Average ACT Score (US Avg 20.8)	20	5 of 5 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 a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

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.

	# Physicians	# Beds	Population	
Local Community	2,936	3,599	1,569,541	Basis: MSA
Ratio	1:535	1:436		
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:

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

NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA , PA

Demographics

The following tables provide a short description of the area near the installation/activity.
NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA is 10.7 miles from Philadelphia, PA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Philadelphia, PA-NJ PMSA	5,100,931

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

County/City	Population
Burlington	423394
Camden	508932
Delaware	550864
Gloucester	254673
New Castle	500265
Philadelphia	1517550
Total	3,755,678

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 63

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.

Median Household Income (US Avg $41,994)	$47,536	Basis: MSA
Median House Value (US Avg $119,600)	$121,200	

GS Locality Pay ("Rest of US" 10.9%)	15.3%	
O-3 with Dependents BAH Rate	$1,616	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity		126 MFRs
Students Enrolled	528,099	126 of 126 districts
Average Pupil/Teacher Ratio	14.8:1	126 of 126 districts
High School Students Enrolled	204,368	67 of 67 districts
Average High School Graduation Rate (US Avg 67.3%)	82.2%	67 of 67 districts
Average Composite SAT I Score (US Avg 1026)	933	67 of 67 districts

Average ACT Score (US Avg 20.8)	6	67 of 67 districts
Available Graduate/PhD Programs	30	
Available Colleges and/or Universities	43	
Available Vocational and/or Technical Schools	16	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.2%	3.9%	4.3%	5.5%	5.5%
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	1.3%	- .4%	1.3%	.6%	- .8%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	133,597	Basis: MSA
Vacant Sale Units	23,424	
Vacant Rental Units	39,843	

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.

	# Physicians	# Beds	Population	
Local Community	14,561	19,100	5,100,931	Basis: MSA
Ratio	1:350	1:267		
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:

Local UCR	3,389.7	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 NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA to nearest commercial airport: 4.1 miles
Is NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA 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

NAVSUPPACT_NORFOLK_VA, VA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSUPPACT_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.

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	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	197,546	4 of 5 districts, 1 MFR
Students Enrolled	198,947	5 of 5 districts
Average Pupil/Teacher Ratio	12.7:1	5 of 5 districts
High School Students Enrolled	55,944	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	79.8%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)	968	5 of 5 districts
Average ACT Score (US Avg 20.8)	3	5 of 5 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 a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

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.

	# Physicians	# Beds	Population	
Local Community	2,936	3,599	1,569,541	Basis: MSA
Ratio	1:535	1:436		
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:

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 NAVSUPPACT_NORFOLK_VA to nearest commercial airport: 5.7 miles
Is NAVSUPPACT_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

NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA , PA

Demographics

The following tables provide a short description of the area near the installation/activity.
NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA is 10.7 miles from Philadelphia, PA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Philadelphia, PA-NJ PMSA	5,100,931

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

County/City	Population
Burlington	423394
Camden	508932
Delaware	550864
Gloucester	254673
New Castle	500265
Philadelphia	1517550
Total	3,755,678

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 63

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.

Median Household Income (US Avg $41,994)	$47,536	Basis: MSA
Median House Value (US Avg $119,600)	$121,200	

GS Locality Pay ("Rest of US" 10.9%)	15.3%	
O-3 with Dependents BAH Rate	$1,616	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity		126 MFRs
Students Enrolled	528,099	126 of 126 districts
Average Pupil/Teacher Ratio	14.8:1	126 of 126 districts
High School Students Enrolled	204,368	67 of 67 districts
Average High School Graduation Rate (US Avg 67.3%)	82.2%	67 of 67 districts
Average Composite SAT I Score (US Avg 1026)	933	67 of 67 districts

Average ACT Score (US Avg 20.8)	6	67 of 67 districts
Available Graduate/PhD Programs	30	
Available Colleges and/or Universities	43	
Available Vocational and/or Technical Schools	16	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.2%	3.9%	4.3%	5.5%	5.5%
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	1.3%	- .4%	1.3%	.6%	- .8%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	133,597	Basis: MSA
Vacant Sale Units	23,424	
Vacant Rental Units	39,843	

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.

	# Physicians	# Beds	Population	
Local Community	14,561	19,100	5,100,931	Basis: MSA
Ratio	1:350	1:267		
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:

Local UCR	3,389.7	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 NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA to nearest commercial airport: 4.1 miles
Is NAVFAC_EFA_NORTHEAST_PHILADELPHIA_PA 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_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.

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	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		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 a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

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.

	# Physicians	# Beds	Population	
Local Community	2,936	3,599	1,569,541	Basis: MSA
Ratio	1:535	1:436		
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:

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

NAVCRANECEN_LESTER_PA, PA

Demographics

The following tables provide a short description of the area near the installation/activity. NAVCRANECEN_LESTER_PA is 10.7 miles from Philadelphia, PA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Philadelphia, PA-NJ PMSA	5,100,931

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

County/City	Population
Burlington	423394
Camden	508932
Delaware	550864
Gloucester	254673
New Castle	500265
Philadelphia	1517550
Total	3,755,678

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 63

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.

Median Household Income (US Avg $41,994)	$47,536	Basis: MSA
Median House Value (US Avg $119,600)	$121,200	
GS Locality Pay ("Rest of US" 10.9%)	15.3%	

O-3 with Dependents BAH Rate	$1,616	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity		127 MFRs
Students Enrolled	528,097	126 of 126 districts
Average Pupil/Teacher Ratio	14.8:1	126 of 126 districts
High School Students Enrolled	204,368	67 of 67 districts
Average High School Graduation Rate (US Avg 67.3%)	81.9%	66 of 67 districts, 1 MFR
Average Composite SAT I Score (US Avg 1026)	939	66 of 67 districts, 1 MFR
Average ACT Score	18	16 of

(US Avg 20.8)		67 districts, 51 MFRs
Available Graduate/PhD Programs	30	
Available Colleges and/or Universities	43	
Available Vocational and/or Technical Schools	16	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.2%	3.9%	4.3%	5.5%	5.5%
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	1.3%	- .4%	1.3%	.6%	- .8%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	1,133,597	Basis: MSA
Vacant Sale Units	23,424	
Vacant Rental Units	39,843	

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.

	# Physicians	# Beds	Population	
Local Community	19,100	14,561	5,100,931	Basis: MSA
Ratio	1:267	1:350		
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:

Local UCR	3,389.7	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 NAVCRANECEN_LESTER_PA to nearest commercial airport: 4.1 miles
Is NAVCRANECEN_LESTER_PA 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

IF_PNBC_PHILADELPHIA_PA, PA

Demographics

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

MSA	Population
Philadelphia, PA-NJ PMSA	5,100,931

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

County/City	Population
Burlington	423394
Camden	508932
Delaware	550864
Gloucester	254673
New Castle	500265
Philadelphia	1517550
Total	3,755,678

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 49

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.

Median Household Income (US Avg $41,994)	$47,536	Basis: MSA
Median House Value (US Avg $119,600)	$121,200	
GS Locality Pay ("Rest of US" 10.9%)	15.3%	

O-3 with Dependents BAH Rate	$1,616	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	5,111	8 of 8 districts, 1 MFR
Students Enrolled	755,426	8 of 8 districts, 1 MFR
Average Pupil/Teacher Ratio	15.7:1	8 of 8 districts, 1 MFR
High School Students Enrolled	211,576	8 of 8 districts
Average High School Graduation Rate (US Avg 67.3%)	69.7%	8 of 8 districts
Average Composite SAT I Score (US Avg 1026)	964	8 of 8 districts
Average ACT Score (US Avg 20.8)	20	8 of 8 districts
Available Graduate/PhD Programs	43	

Available Colleges and/or Universities	86
Available Vocational and/or Technical Schools	36

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.2%	3.9%	4.3%	5.5%	5.5%
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	1.3%	- .4%	1.3%	.6%	- .8%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	133,597	Basis: MSA
Vacant Sale Units	23,424	
Vacant Rental Units	39,843	

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.

	# Physicians	# Beds	Population	
Local Community	19,100	14,561	5,100,931	Basis: MSA
Ratio	1:267	1:350		
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:

Local UCR	3,389.7	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 IF_PNBC_PHILADELPHIA_PA to nearest commercial airport: 3.0 miles
Is IF_PNBC_PHILADELPHIA_PA 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-00073

Action 1: Relocate NAVFAC EFA Northeast Philadelphia PA, to Naval Submarine Base New London, CT.

General Environmental Impacts

Environmental Resource Area	NSA Philadelphia (EFA Northeast) (Installation Realigned)	Naval Submarine Base New London, CT (Installation Gaining Function)
Air Quality	No impact to Philadelphia region air quality status.	Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Conformity Determination required.
Cultural/Archeological/Tribal Resources	No impact.	Historic property has been identified on installation, however no impacts are anticipated from this scenario.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with lost assets.	Solid waste may increase, however amount expected is minor.
Water Resources	Reduces water usage associated with lost assets.	Additional water consumption is expected, however no constraints are anticipated for this scenario.

Wetlands	No impact	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	**NSA Philadelphia (EFA Northeast) (Installation Realigned)**	**Naval Submarine Base New London, CT (Installation Gaining Function)**
Environmental Restoration	DERA costs $7.8 M thru FY 03; $4.8 M CTC	DERA costs $56.5M thru FY03; $24M CTC
Waste Management	None	None
Environmental Compliance	None	None

Summary of Scenario Environmental Impacts

DON scenario, DON-0074A

Action 1: Relocate NAVFAC EFD South Charleston SC, to NAVFAC EFA Southeast, Jacksonville, FL and ENGFLTDACT Midwest Great Lakes, IL.

General Environmental Impacts

Environmental Resource Area	NAVFAC EFD South Charleston SC (Activity Realigned- leased space)	Naval Air Station Jacksonville FL (Installation Gaining Function)	Naval Station Great Lakes IL (Installation Gaining Function)
Air Quality	No impact.	Installation is in Maintenance for Ozone (1 hr) and in attainment for all other criteria pollutants. However, no impacts are anticipated from this scenario. No Conformity determination required.	Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Conformity determination required.
Cultural/Archeological/ Tribal Resources	No impact.	Historic property has been identified on installation. May impact new MILCON.	Historic property has been identified on installation, however no impacts are anticipated from this scenario.
Dredging	No impact.	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	559 unconstrained acres available for development out of 24,587 acres total.	981 unconstrained acres available for development out of 1995 acres total.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.	No impact.

Noise	No impact.	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	TES present but no impact anticipated from this scenario.	TES present but no impact anticipated from this scenario.
Waste Management	Reduces waste disposals associated with lost assets.	Solid waste may increase, however amount expected is minor.	Solid waste may increase, however amount expected is minor.
Water Resources	Reduces water usage associated with lost assets.	Additional water consumption is expected, however no constraints are anticipated for this scenario.	Additional water consumption is expected, however no constraints are anticipated for this scenario.
Wetlands	No impact	17% wetlands will be a consideration in location of new MILCON.	No Impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	**NAVFAC EFD South Charleston SC (Activity Realigned-leased space)**	**Naval Air Station Jacksonville FL (Installation Gaining Function)**	**Naval Station Great Lakes IL (Installation Gaining Function)**
Environmental Restoration	No DERA program for leased space.	DERA costs $76.4M thru FY 03; $24.4M CTC	DERA costs $5.9M thru FY03; $25.1M CTC
Waste Management	None	None	None
Environmental Compliance	None	None	None

Summary of Scenario Environmental Impacts

DON scenario, DON-0075

Action 1: Relocate NAVFAC EFA Northeast Philadelphia PA, by consolidating with NAVFAC EFD Atlantic Norfolk, VA

General Environmental Impacts

Environmental Resource Area	EFA Northeast Philadelphia, PA (Leased space) (Activity Realigned)	Naval Station Norfolk (Installation Gaining Function)
Air Quality	No impact to Philadelphia region air quality status.	Maintenance for Ozone (1hr); Marginal Non-attainment for Ozone (8hr). No Conformity Determination required. No impact.
Cultural/Archeological/Tribal Resources	No impact.	No impact.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with lost assets.	Solid waste may increase, however amount expected is minor.
Water Resources	Reduces water usage associated with lost assets.	Additional water consumption is expected, however no constraints are anticipated for this scenario.
Wetlands	No impact	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	EFA Northeast Philadelphia, PA (Leased space) (Activity Realigned)	Naval Station Norfolk (Installation Gaining Function)
Environmental Restoration	No DERA program in leased space.	DERA costs $85.9 M thru FY 03; $24.3 M CTC
Waste Management	None	None
Environmental Compliance	None	None

Summary of Scenario Environmental Impacts

DON scenario, DON-0154

Action 1: Relocate Navy Crane Center from leased space in Lester, PA to Naval Shipyard Norfolk, VA.

Action 2: Close GSA leased space.

General Environmental Impacts

Environmental Resource Area	NAVCRANECEN Lester, PA (Activity Closed – leased space)	NAVSHIPYD Norfolk, VA (Installation Gaining Functions)
Air Quality	No impact.	Maintenance for Ozone (1hr); Marginal Non-attainment for Ozone (8hr). No Conformity Determination required.
Cultural/Archeological/Tribal Resources	No impact.	No impact.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with the lost assets.	No impact.
Water Resources	Reduces water requirements.	Impact Possible. Increased usage of water resources.
Wetlands	No impact.	No impact

Impacts of Costs

Selection Criterion 8 Environmental Points	NAVCRANECEN Lester, PA (Activity Closed – leased space)	NAVSHIPYD Norfolk, VA (Installation Gaining Functions)
Environmental Restoration	No DERA costs at this activity.	DERA costs $1.4 M spent through FY 03; $3.7 M CTC.
Waste Management	None	None
Environmental Compliance	None	None

Summary of Scenario Environmental Impacts

DON scenario, DON-0160

Action 1: Relocate NAVCRANECEN Lester PA to Philadelphia Naval Business Complex

Action 2: Close GSA leased space.

General Environmental Impacts

Environmental Resource Area	NAVCRANECEN Lester, PA (Installation Closed – leased space)	Philadelphia Naval Business Complex on Naval Support Activity Philadelphia (Installation Gaining Functions)
Air Quality	No impact.	Marginal Non-attainment for Ozone (1hr); No Conformity determination required.
Cultural/Archeological/Tribal Resources	No impact.	No impact. No new construction.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact. Accommodating functions in existing facilities. PNBC is a tenant on NSA Philadelphia. NSA reports 8 unconstrained acres available for development out of 499 acres.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with the lost assets.	No impact.
Water Resources	Reduces water requirements.	No impact. Scenario moves 55 administrative personnel. PNBC discharges to an impaired waterway. Groundwater contamination is reported.
Wetlands	No impact.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	NAVCRANECEN Lester, PA (Installation Closed – leased space)	Philadelphia Naval Business Complex on Naval Support Activity Philadelphia (Installation Gaining Functions)
Environmental Restoration	No DERA program for leased space.	DERA costs $7.8 M thru FY 03; $4.8M CTC
Waste Management	None	None.
Environmental Compliance	None	None

TAB 5

Scenario DON-0077
Relocate NAVRESREDCOM Northeast to SUBASE New London
and
DON-0155
Realign REDCOM Northeast Newport RI to COMNAVREG Northeast New London, CT
Criterion 5 – COBRA

10 January 2005

Jack Leather
CDR Flather

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Scenario Description

- DON-0077 Relocate REDCOM Northeast Newport, RI to SUBASE New London, CT
- DON-0155 Realign REDCOM northeast Newport RI to COMNAVREG Northeast New London, CT

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ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0077	2.030	None	Never	4.266

All Dollars shown in Millions

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0155	2.030	None	Never	4.251

All Dollars shown in Millions

Notes:

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Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0077 and DON-0155	Eliminate	0	0	0		0
	Move	5	29	15	0	49

Notes:

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One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0077	1.228	.078	.034	.690	0	2.030	-.067	1.963

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0155	1.228	.078	.034	.690	0	2.030	-.067	1.963

All Dollars Shown in Millions

Notes: Rehab of RED space required

Pers: RIF, early retirement and unemployment

Ovhd: Program management costs

Move: Civilian and military moving, freight and IT

Svgs: Military Moving

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MILCON Summary

Scenario: DON-0077	SUBASE New London			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	0	10000	1.228
TOTAL				1.228

Scenario: DON-0155	SUBASE New London			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	0	10000	1.228
TOTAL				1.228

Note: All Dollars Shown in Millions

Notes: Rehab RED space

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Recurring Costs/Savings Summary

Recurring Costs/Savings FY 06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0077	1.576	1.470	0	3.045	-2199	.846

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0155	1.570	1.470	0	3.040	-2.199	.841

All Dollars Shown in Millions

Recurring costs: O&M: BOS, Civilian salaries and TRICARE

MILPERS: BAH

Savings: BOS and BAH

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Key Elements of Recurring Savings

Scenario: DON-0077		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M	BOS	.367
MILPERS	BAH	1.832

Scenario: DON-0155		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M *	BOS	.367
MILPERS	BAH	1.832

Notes:

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Scenario Issues

- **Both are impacted by other existing scenarios**
- **Personnel savings associated with consolidation with the Region will not be taken (according to COMNAVRESFOR) until Manpower study is completed.**

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TAB 6

Scenario DON-0079
Realign NAVRESREDCOM Northeast to NAVRESREDCOM Mid-Atlantic
and
DON-0156
Realign REDCOM Northeast Newport RI and REDCOM Mid-Atlantic to COMNAVREG Mid-Atlantic
Criterion 5 – COBRA

10 January 2005

Jack Leather
CDR Flather

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Scenario Description

- **DON-0079 Consolidate REDCOM Northeast Newport, RI with REDCOM Mid-Atlantic Washington, DC**
- **DON-0156 Realign REDCOM Northeast Newport, RI and REDCOM Mid-Atlantic Washington, DC to COMNAVREG Mid-Atlantic Norfolk, VA**

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ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0079 REDCOMS	1.133	-2.949	Immediate	-41.535

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0156 Region	1.982	-3.0	1	-38.640

All Dollars shown in Millions

Notes:

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Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0079 and DON-0156	Eliminate	2	22	9		33
	Move	8	34	17	0	59

Notes:

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One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0079 REDCOM	.398	.252	.019	.464	0	1.133	-.024	1.110

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0156 Region	.537	.327	.078	1.040	0	1.983	-.088	1.895

All Dollars Shown in Millions

Notes: MILCON is Amber Rehab

Pers: RIF, early retirement, eliminated military PCS and unemployment

Ovhd: Program Management Costs

Move: Civilian and military moving, civilian PPP, freight and IT

Svgs: Military Moving

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MILCON Summary

Scenario: DON-0079	COMNAVDISTWASH			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	0	3200	.398
TOTAL				.398

Notes: Rehab "Red" for 16 additional personnel

Scenario: DON-0156	NAVSTA Norfolk			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	0	11700	.537
TOTAL				.537

Note: All Dollars Shown in Millions

Notes: Rehab AMBER building

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Recurring Costs/Savings Summary

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0079 REDCOM	1.017	0	0	1.017	-17.367	-16.349

All Dollars Shown in Millions

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0156 Region	2.022	.689	0	2.712	-16.366	-13.654

All Dollars Shown in Millions

Recurring costs: O&M: BOS and TRICARE

MILPERS: BAH

Savings: BOS, Salaries and BAH

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Key Elements of Recurring Savings

Scenario: DON-0079		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M *	BOS and Civilian Salaries	3.964
MILPERS	Officer, Enlisted Salaries and BAH	13.392

Scenario: DON-0156		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M *	BOS and Civilian Salaries	3.624
MILPERS	Salaries (Off and Enl) and BAH	12.74

Notes:

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Scenario Issues

- **Personnel savings associated with consolidation with the Region will not be taken (according to COMNAVRESFOR) until Manpower study is completed.**

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TAB 7

DON-0078, 0077/155, 0079/0156
REDCOM
Regional Support Activities

10 January 2005

Jack Leather
CDR Carlson
CDR Flather

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Summary REDCOM

SDC#	Closes/Realigns	Billets Elim	Billets Moved	One-Time Costs (&M)	Steady-State Savings ($M)	ROI Years	20 Year NPV ($M)
DON-0078	REDCOM South (Consolidate with REDCOM MW)	41	18	0.650	-4.001	Immediate	-57.174
DON-0077	REDCOM NE (Relocate to New London)	0	49	2.030	0.169	Never	4.266
DON-0155	REDCOM NE (Consolidate with CNRNE)	0	49	2.030	0.168	Never	4.251
DON-0079	REDCOM NE (Consolidates with REDCOM MA)	39	10	1.061	-3.590	Immediate	-50.938
DON-0156	REDCOM NE & MA (Consolidates with CNRMA)	33	59	1.982	-3.000	1	-38.640

All Dollars shown in Millions

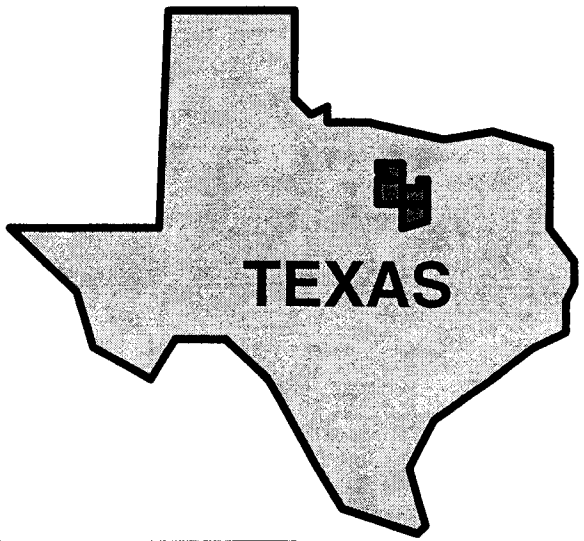
- Scenarios
  - DON-0078, Consolidate REDCOM South with REDCOM MW
  - DON-0077/ DON-0155, Relocate REDCOM NE to New London/Consolidate REDCOM NE with CNR NE
  - DON-0079/DON-0156, Consolidate REDCOM NE with REDCOM MA (Washington DC)/Consolidate REDCOM NE and REDCOM MA with CNR MA, Norfolk, VA
- Results of Criteria 6, 7, and 8 Analysis show the REDCOM candidate scenarios have:
  - No significant economic impact on losing or gaining economic regions.
  - No significant community impact on losing or gaining communities.
  - No significant environmental impact on losing or gaining communities.

Criterion Six – Economic Impact
DON 0078, NAVRESREDCOM SOUTH, Losing

- **Fort Worth-Arlington, Texas Metropolitan Division (23104)**

Counties

Johnson	Parker
Tarrant	Wise



- **Overall Economic Impact of Proposed BRAC-05 Action:**

•ROI population(02)	1,809,504
•ROI employment (02)	1,004,416
•Authorized Manpower (05)	3,031
•Manpower(05) /employment(02)	0.3%
•Total estimated Job Change	-94
•Job change/employment (02)	-0.01%

- **ISSUES:**

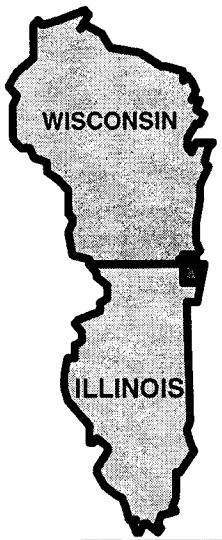
Criterion Six – Economic Impact
DON 0078, NAVRESREDCOM MIDWEST, Gaining

•Lake County-Kenosha County, IL-WI Metropolitan Division (29404)

Counties

Lake

Kenosha



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	828,428
•ROI employment (02)	498,103
•Authorized Manpower (05)	18,014
•Manpower(05) /employment(02)	3.62%
•Total estimated Job Change	+44
•Job change/employment (02)	0.01%

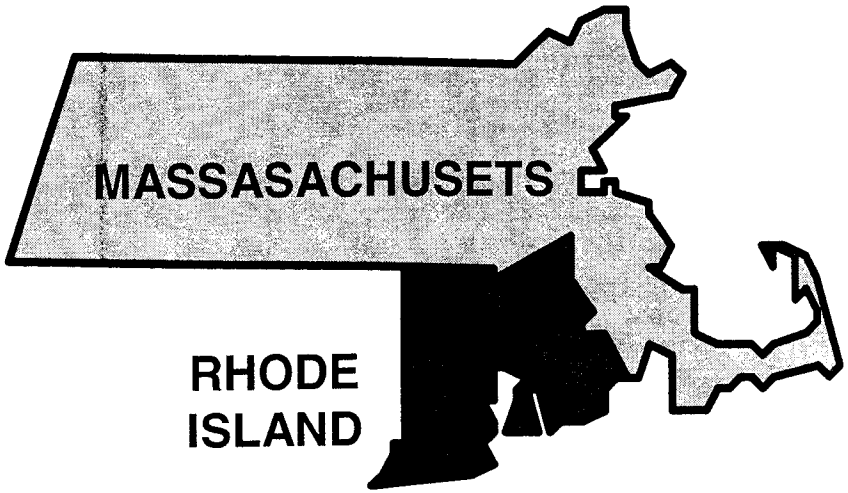
•ISSUES:

Criterion Six – Economic Impact
DON-0077, 79, 155, 156, NAVRESREDCOM NE, Losing

•Providence-New Bedford-Fall River, RI-MA Metropolitan Statistical Area (39300)

Counties

Bristol (RI)	Bristol (MA)
Kent	Newport
Providence	Washington



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	1,612,048
•ROI employment (02)	864,734
•Authorized Manpower (05)	24,266
•Manpower(05) /employment(02)	2.81%
•Total estimated Job Change	-114
•Job change/employment (02)	-0.01%

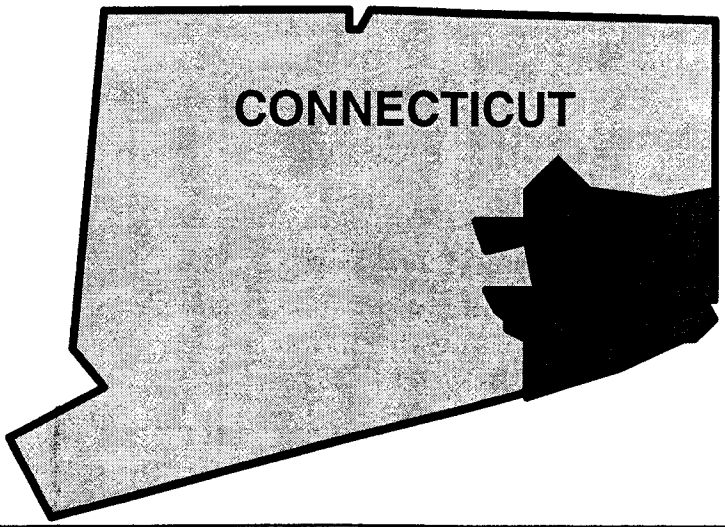
•ISSUES:

Criterion Six – Economic Impact DON-0077/155 REDCOM NE to New London Gaining

•Norwich-New London, Connecticut Metropolitan Statistical Area (35980)

Counties

New London



•Overall Economic Impact of Proposed BRAC-05 Action:

•ROI population(02)	262,138
•ROI employment (02)	168,620
•Authorized Manpower (05)	10,707
•Manpower(05) /employment(02)	6.35%
•Total estimated Job Change	+94
•Job change/employment (02)	+0.06%

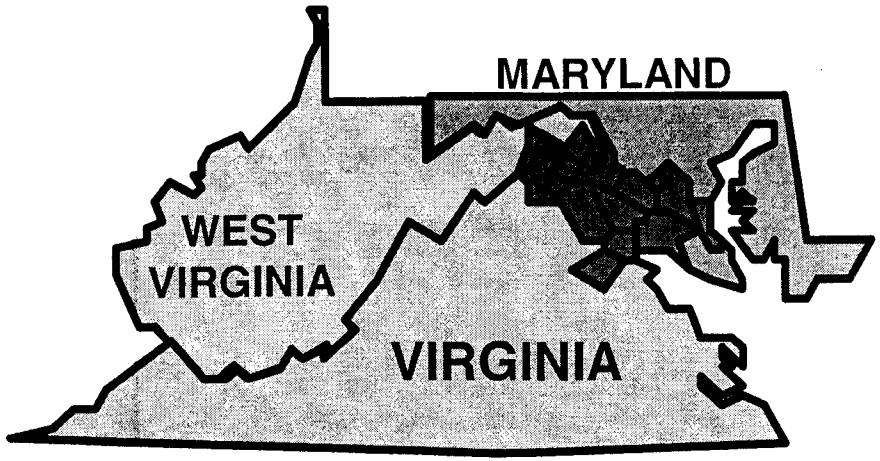
•ISSUES:

Criterion Six – Economic Impact
DON 0079, REDCOM MA, Gaining

- **Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division (47894)**

Counties

Calvert	District of Columbia	Charles
Clarke	Prince George's	Arlington
Fairfax	Prince William	Jefferson
Warren	Spotsylvania	Manassas
Stafford	Falls Church	Alexandria
Fauquier	Fredericksburg	Manassas Park
Loudoun		



- **Overall Economic Impact of Proposed BRAC-05 Action:**

•ROI population(02)	3,895,337
•ROI employment (02)	2,771,791
•Authorized Manpower (05)	5,600
•Manpower(05) /employment(02)	0.2%
•Total estimated Job Change	+114
•Job change/employment (02)	-0%

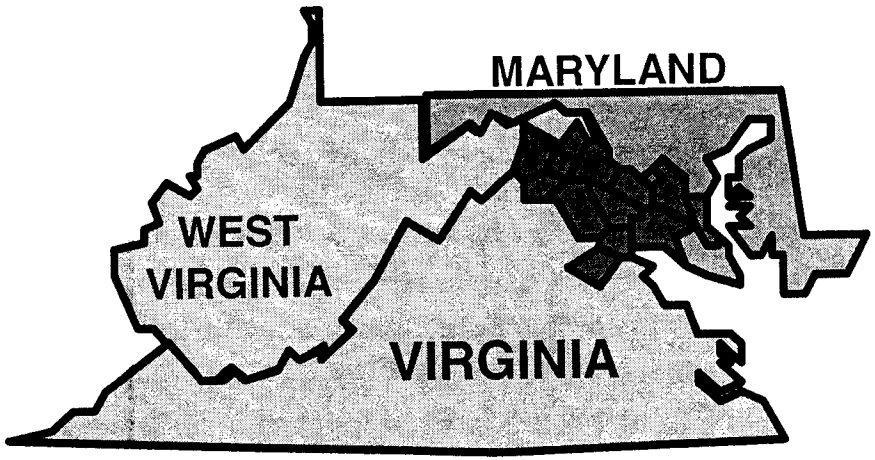
- **ISSUES:**

Criterion Six – Economic Impact
DON 0156, REDCOM MA, Losing

- **Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division (47894)**

Counties

Calvert	District of Columbia	Charles
Clarke	Prince George's	Arlington
Fairfax	Prince William	Jefferson
Warren	Spotsylvania	Manassas
Stafford	Falls Church	Alexandria
Fauquier	Fredericksburg	Manassas Park
Loudoun		



- **Overall Economic Impact of Proposed BRAC-05 Action:**

•ROI population(02)	3,895,337
•ROI employment (02)	2,771,791
•Authorized Manpower (05)	5,600
•Manpower(05) /employment(02)	0.2%
•Total estimated Job Change	-71
•Job change/employment (02)	-0%

- **ISSUES:**

Criterion Six – Economic Impact
DON 0156, NAVRESREDCOM MIDLANT, Gaining

- **Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area (47260)**

Counties

Chesapeake	Norfolk	York
Currituck	Poquoson	Surry
Gloucester	Portsmouth	Suffolk
Hampton	Isle of Wight	James City
Mathews	Virginia Beach	Williamsburg
Newport News		

- **Overall Economic Impact of Proposed BRAC-05 Action:**

•ROI population(02)	1,613,728
•ROI employment (02)	978,888
•Authorized Manpower (05)	56,089
•Manpower(05) /employment(02)	5.73%
•Total estimated Job Change	127
•Job change/employment (02)	0.01%

- **ISSUES:**

Criterion Seven
Community Infrastructure

"The ability of both the existing and potential receiving communities infrastructure to support forces, missions, personnel"

Attributes Considered:

- Water System ✔
- Sewer system ✔
- Cost of Living ✔
- Childcare ✔
- Education ✔
- Housing ✔
- Medical ✔
- Employment ✔
- Safety/Crime ✔
- Transportation ✔
- Population Center ✔

Data Call Input/Comment ✔

Naval Station Great Lakes, IL: Receiving Installation
(Joint Reserve Base Ft. Worth, TX : Realigned Installation)

General Environmental Issues:

- **Air Quality –**
  - Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Conformity determination required.
- **No Criterion 8 Environmental Impact from other areas.**

Naval Station Great Lakes, IL: Receiving Installation
Joint Reserve Base Ft. Worth, TX: Realigned Installation

Impacts of Costs:

Selection Criterion 8 Environmental Points	Joint Reserve Base Ft. Worth, TX (Installation Realigned)	Naval Station Great Lakes, IL (Installation Gaining Function)
Environmental Restoration	DERA costs $19.8 M thru FY 03; $5.5 M CTC	DERA costs $5.9M thru FY03; $25.1M CTC
Waste Management	None	None
Environmental Compliance	None	None

Naval Station Norfolk, VA: Receiving Installation
Washington Navy Yard, DC: Receiving Installation
(Naval Station Newport: Realigned Installation)

General Environmental Issues:

- No Criterion 8 Environmental Impact from this scenario.

Impacts of Costs:

Selection Criterion 8 Environmental Points	Naval Station Newport (Installation Realigned)	Washington Navy Yard (Installation Gaining Function	Naval Station Norfolk, VA (Installation Gaining Function)
Environmental Restoration	DERA costs $ 77.1M thru FY 03; $41 M CTC	DERA costs $ 18.3M thru FY 03; $13 M CTC	DERA costs $85.9 M thru FY 03; $24.3 M CTC
Waste Management	None	None	None
Environmental Compliance	None	None	None

Candidate Recommendation Risk Assessment (DON-0078)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 4 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

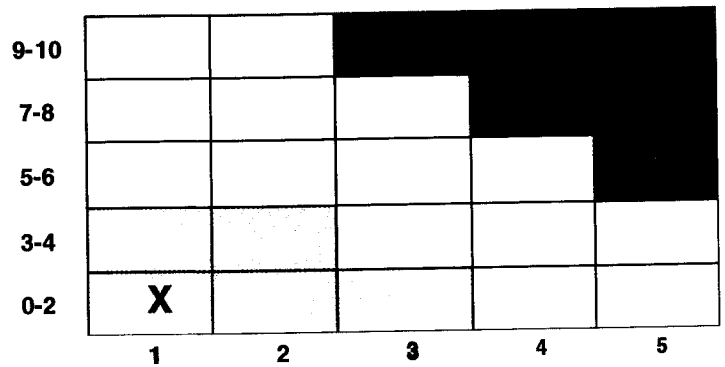
0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Risk Matrix



Warfighting/Readiness Risk

(0-1) **Low** ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns:

Candidate Recommendation Risk Assessment (DON-0077)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 4 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

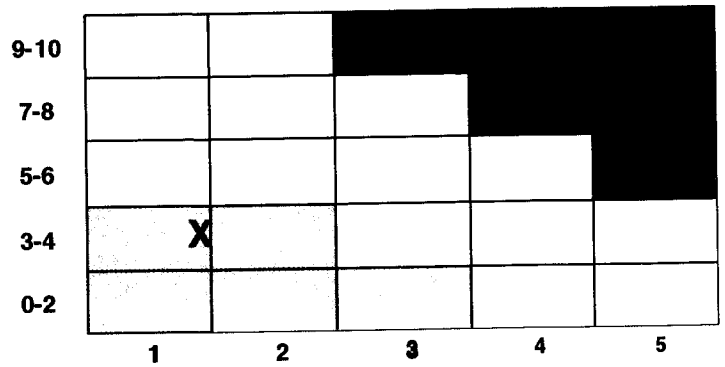
0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns:

Candidate Recommendation Risk Assessment (DON-0155)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 4 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
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Economic Impact

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1: Some direct/indirect job losses in community (>.1% and < 1%)
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Community Infrastructure Impact

0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
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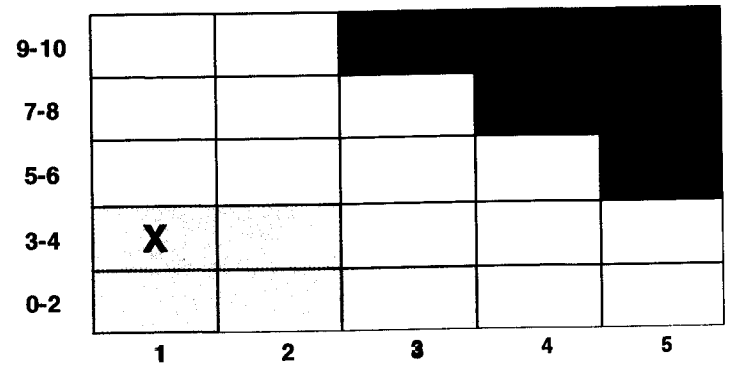
Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Risk Matrix



Warfighting/Readiness Risk

(0-1) **Low** ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns:

Candidate Recommendation Risk Assessment (DON-0079)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 4 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

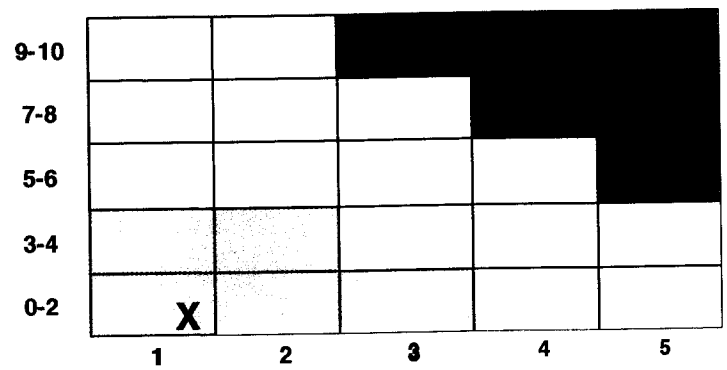
0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns:

Candidate Recommendation Risk Assessment (DON-0156)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 4 years

Investment/Ratio of 20 Year NPV to Initial Cost

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (>.1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

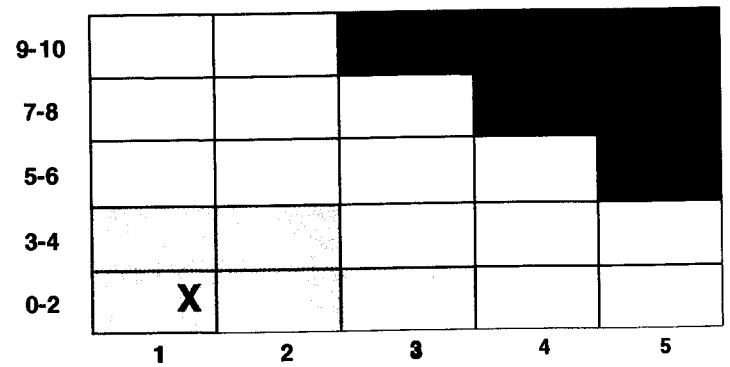
0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low ***Minor impact on mission capability***

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns:

DON-0155 (0077)

Naval Submarine Base New London, CT: Receiving Installation (Naval Station Newport: Realigned Installation)

General Environmental Issues

- **Air Quality –**
  - Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Air Conformity Determination required.
- **No Criterion 8 Environmental Impact from other areas.**

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DON-0155

Naval Submarine Base New London, CT: Receiving Installation (Naval Station Newport: Realigned Installation)

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Station Newport (Installation Realigned)	Naval Submarine Base New London, CT (Installation Gaining Function)
Environmental Restoration	DERA costs $77.1 M thru FY 03; $41 M CTC	DERA costs $56.5M thru FY03; $24M CTC
Waste Management	None	None
Environmental Compliance	None	None

Draft Deliberative Document - For Discussion Purposes Only - Do Not Release Under FOIA

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0078: Realign NAVRESREDCOM South to NAVRESREDCOM Midwest

The data in this report is rolled up by Action

As of: Thu Feb 10 09:01:04 EST 2005

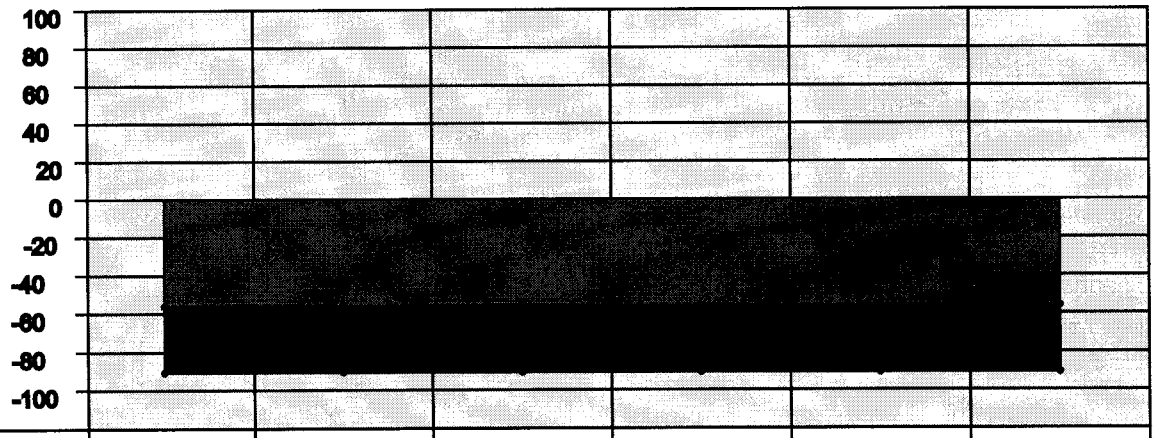
ECONOMIC IMPACT DATA

Scenario: Realign NAVRESREDCOM South to NAVRESREDCOM Midwest
Economic Region of Influence(ROI): Fort Worth-Arlington, TX Metropolitan Division
Base: NAS JRB FT WORTH
Action: NAVRESREDCOM South Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,809,504
ROI Employment (2002):	1,004,416
Authorized Manpower (2005):	3,031
Authorized Manpower(2005) / ROI Employment(2002):	0.3%
Total Estimated Job Change:	-94
Total Estimated Job Change / ROI Employment(2002):	-0.01%

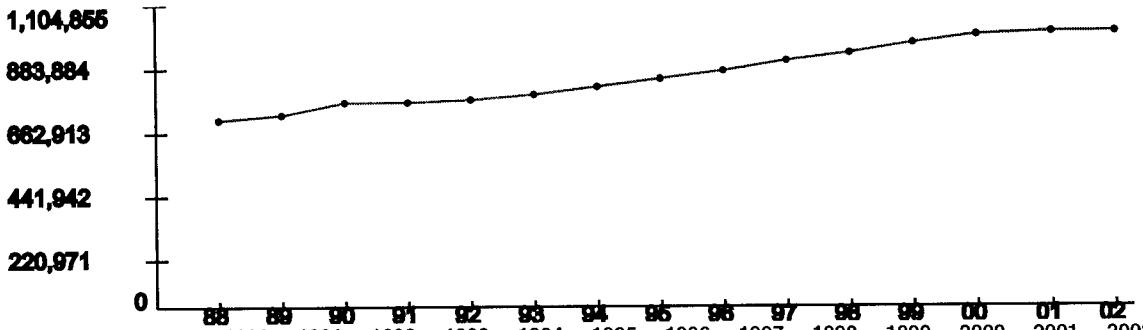
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	-53	0	0	0	0	0
Direct Civilian:	-5	0	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	-58	-58	-58	-58	-58	-58
Cum Indir/Induc:	-36	-36	-36	-36	-36	-36
Cumulative Total:	-94	-94	-94	-94	-94	-94

Fort Worth-Arlington, TX Metropolitan Division Trend Data

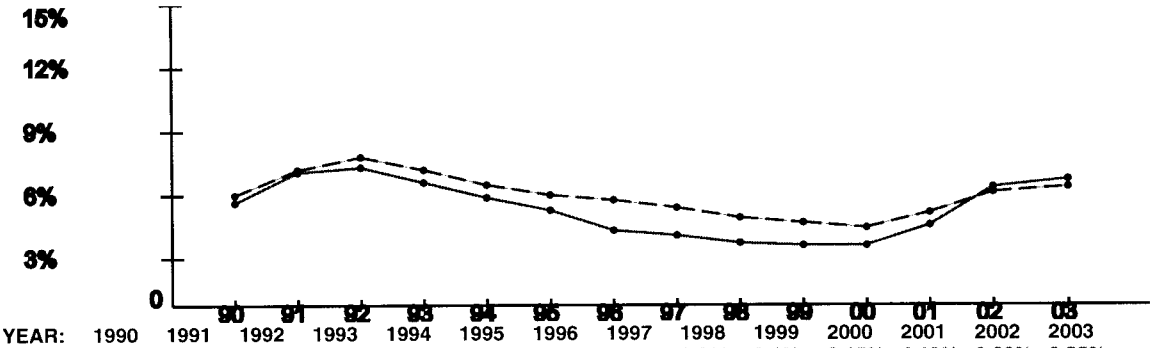
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.02	1.08	1.09	1.1	1.13	1.17	1.2	1.25	1.3	1.35	1.39	1.44	1.45	1.45

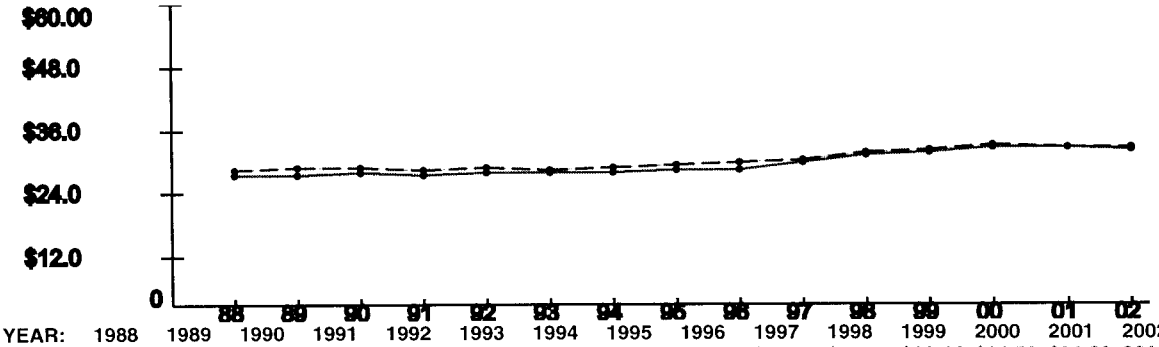
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	5.21%	6.71%	7.05%	6.27%	5.51%	4.82%	3.91%	3.62%	3.28%	3.1%	3.15%	4.12%	6.06%	6.35%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$25.89	$25.94	$26.71	$26.11	$26.61	$26.63	$26.7	$26.89	$27.25	$28.44	$29.87	$30.44	$31.53	$31.66	$31.08
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 09:01:04 EST 2005

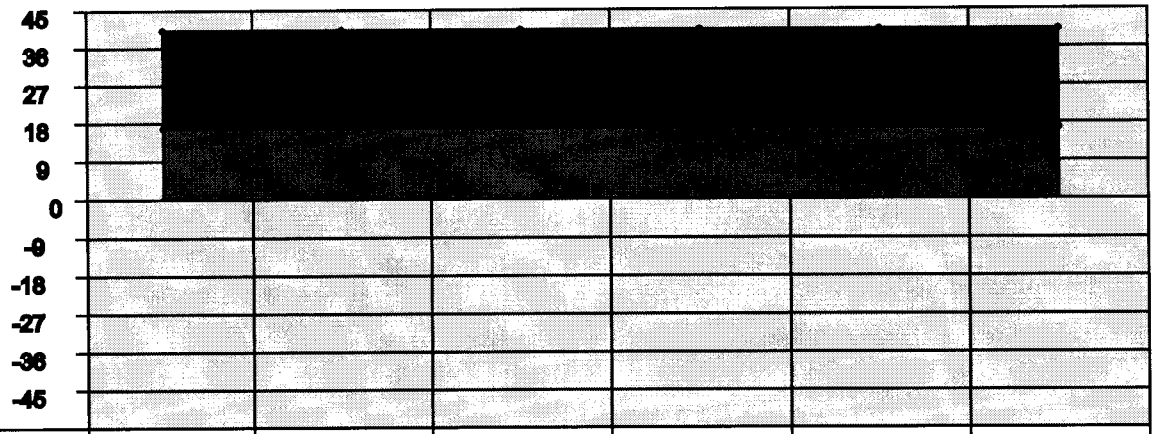
ECONOMIC IMPACT DATA

Scenario: Realign NAVRESREDCOM South to NAVRESREDCOM Midwest
Economic Region of Influence(ROI): Lake County-Kenosha County, IL-WI Metropolitan Division
Base: NAVSTA GREAT LAKES
Action: NAVRESREDCOM Midwest Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	828,428
ROI Employment (2002):	498,103
Authorized Manpower (2005):	18,014
Authorized Manpower(2005) / ROI Employment(2002):	3.62%
Total Estimated Job Change:	44
Total Estimated Job Change / ROI Employment(2002):	0.01%

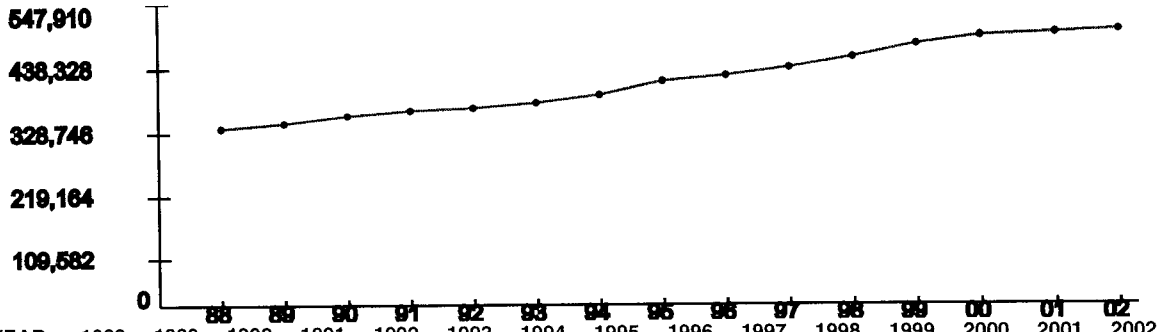
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	15	0	0	0	0	0
Direct Civilian:	3	0	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	18	18	18	18	18	18
Cum Indir/Induc:	26	26	26	26	26	26
Cumulative Total:	44	44	44	44	44	44

Lake County-Kenosha County, IL-WI Metropolitan Division Trend Data

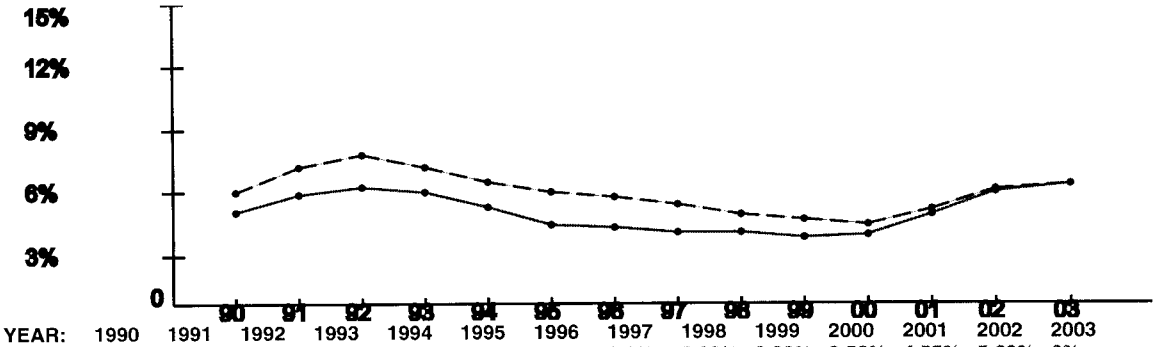
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.04	1.08	1.11	1.12	1.15	1.19	1.26	1.29	1.33	1.38	1.45	1.49	1.51	1.53

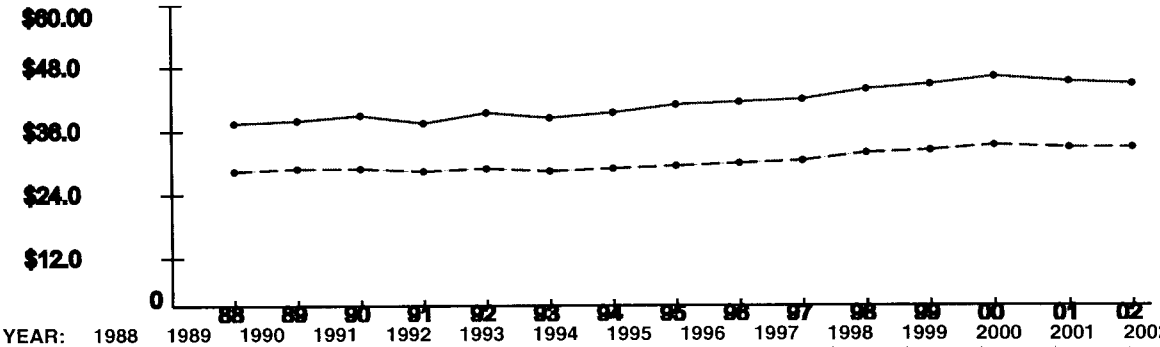
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.61%	5.52%	5.83%	5.68%	4.89%	3.94%	3.87%	3.6%	3.62%	3.32%	3.56%	4.55%	5.68%	6%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$36.4	$37.08	$37.93	$36.69	$38.37	$37.7	$38.45	$39.82	$40.51	$41.16	$43.13	$43.92	$45.67	$44.61	$44.06
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0155: Realign RECOM Northeast Newport RI to COMNAVREG Northeast New London, CT

The data in this report is rolled up by Action

As of: Thu Feb 10 09:02:58 EST 2005

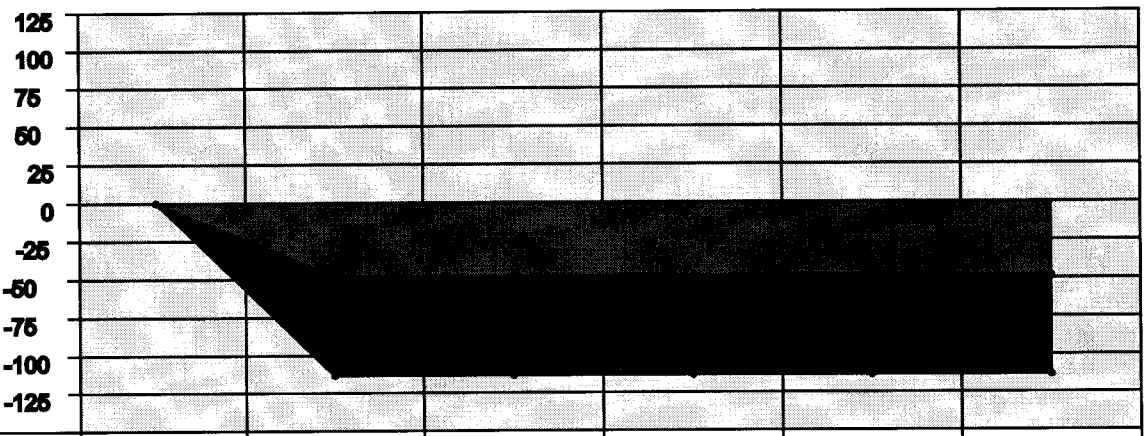
ECONOMIC IMPACT DATA

Scenario:	Realign RECOM Northeast Newport RI to COMNAVREG Northeast New London, CT
Economic Region of Influence(ROI):	Providence-New Bedford-Fall River, RI-MA Metropolitan Statistical Area
Base:	NAVSTA NEWPORT
Action:	NAVRESREDCOM Northeast Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,612,048
ROI Employment (2002):	864,734
Authorized Manpower (2005):	24,266
Authorized Manpower(2005) / ROI Employment(2002):	2.81%
Total Estimated Job Change:	-114
Total Estimated Job Change / ROI Employment(2002):	-0.01%

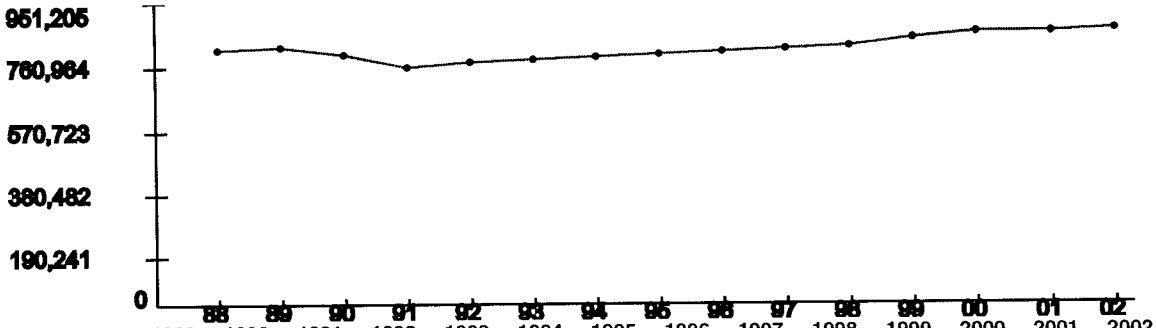
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	-34	0	0	0	0
Direct Civilian:	0	-15	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	-49	-49	-49	-49	-49
Cum Indir/Induc:	0	-65	-65	-65	-65	-65
Cumulative Total:	0	-114	-114	-114	-114	-114

Providence-New Bedford-Fall River, RI-MA Metropolitan Statistical Area Trend Data

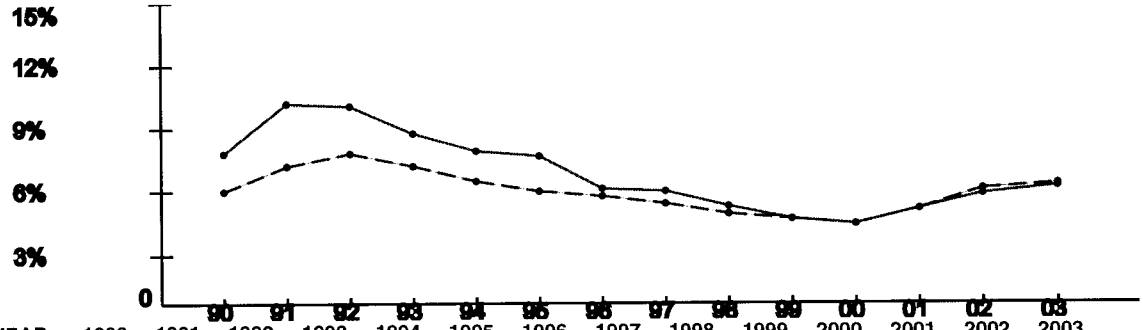
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1	0.98	0.93	0.95	0.96	0.97	0.98	0.98	1	1.01	1.03	1.06	1.06	1.07

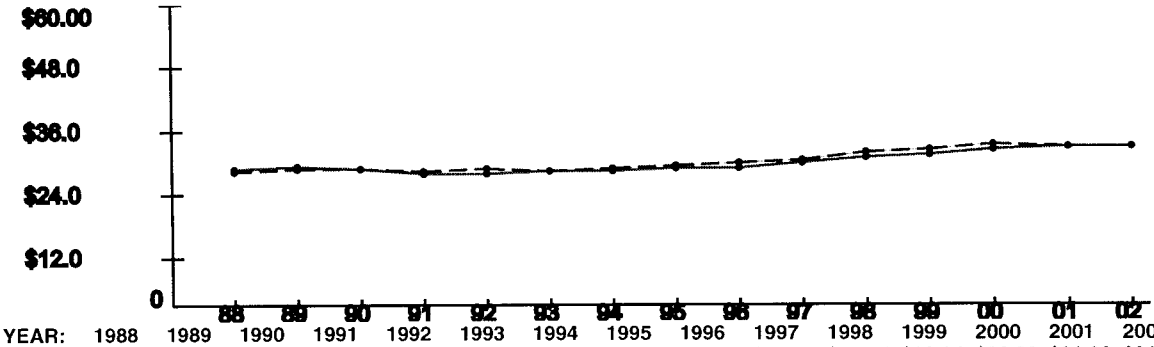
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	7.47%	10.04%	9.9%	8.52%	7.62%	7.35%	5.76%	5.62%	4.91%	4.28%	4.02%	4.76%	5.45%	5.82%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$27.58	$28.16	$27.34	$26.39	$26.71	$26.78	$26.98	$27.47	$27.72	$28.55	$29.54	$29.94	$30.96	$31.26	$31.5
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

As of: Thu Feb 10 09:02:58 EST 2005

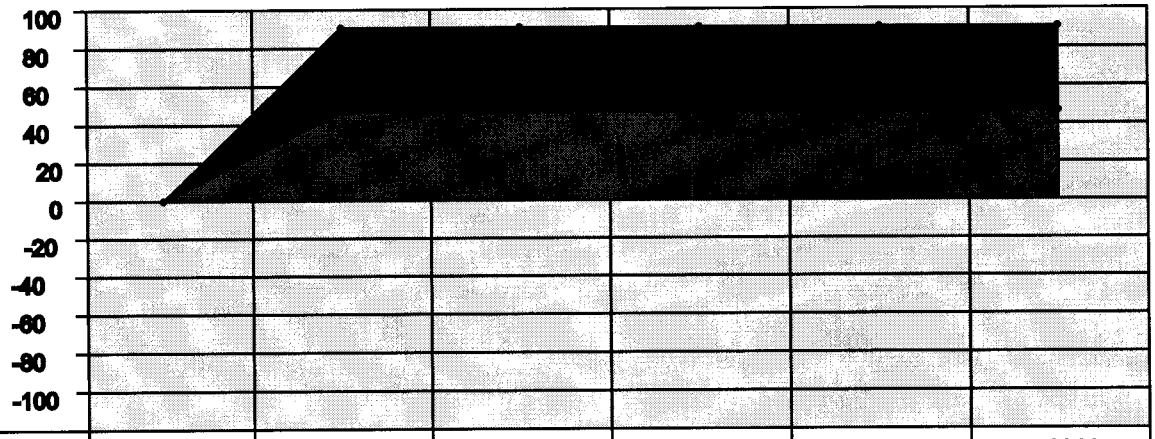
ECONOMIC IMPACT DATA

Scenario:	Realign RECOM Northeast Newport RI to COMNAVREG Northeast New London, CT
Economic Region of Influence(ROI):	Norwich-New London, CT Metropolitan Statistical Area
Base:	SUBASE NEW LONDON
Action:	COMNAVREG NE Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	262,138
ROI Employment (2002):	168,620
Authorized Manpower (2005):	10,707
Authorized Manpower(2005) / ROI Employment(2002):	6.35%
Total Estimated Job Change:	94
Total Estimated Job Change / ROI Employment(2002):	0.06%

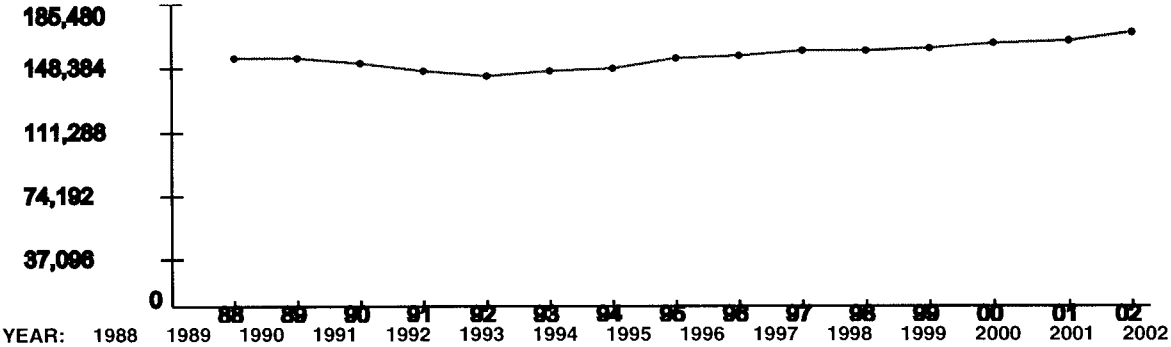
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	34	0	0	0	0
Direct Civilian:	0	15	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	49	49	49	49	49
Cum Indir/Induc:	0	45	45	45	45	45
Cumulative Total:	0	94	94	94	94	94

Norwich-New London, CT Metropolitan Statistical Area Trend Data

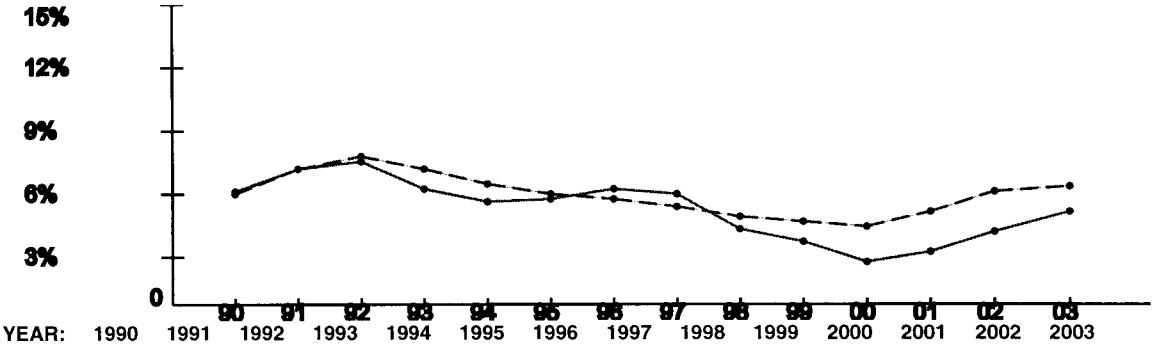
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.01	0.99	0.95	0.94	0.95	0.97	1	1.02	1.04	1.04	1.05	1.06	1.08	1.11

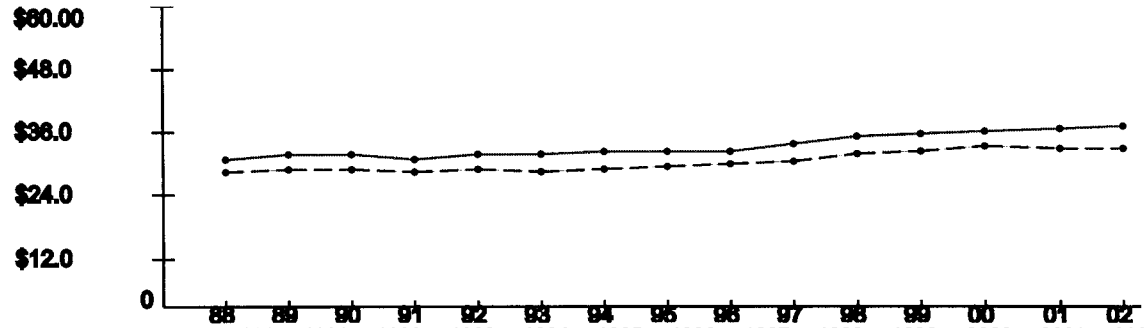
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	5.76%	6.87%	7.24%	5.92%	5.2%	5.32%	5.92%	5.61%	3.86%	3.29%	2.2%	2.77%	3.75%	4.81%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$29.61	$30.62	$30.25	$29.42	$30.73	$30.53	$31	$30.98	$31.05	$32.31	$33.95	$34.35	$35.06	$35.39	$35.91
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

Note: National trend lines are dashed

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON-0156: Realign REDCOM Northeast Newport RI and REDCOM Mid-Atlantic to COMNAVREG Mid Atlantic

The data in this report is rolled up by Action

As of: Mon Jan 10 10:05:05 EST 2005

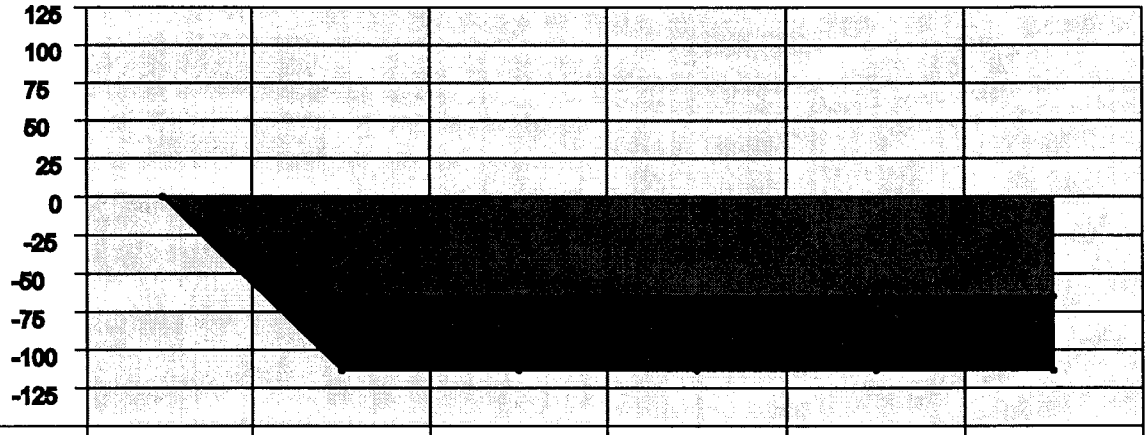
ECONOMIC IMPACT DATA

Scenario:	Realign REDCOM Northeast Newport RI and REDCOM Mid-Atlantic to COMNAVREG Mid Atlantic
Economic Region of Influence(ROI):	Providence-New Bedford-Fall River, RI-MA Metropolitan Statistical Area
Base:	NAVSTA NEWPORT
Action:	NAVRESREDCOM Northeast Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,612,048
ROI Employment (2002):	864,734
Authorized Manpower (2005):	24,266
Authorized Manpower(2005) / ROI Employment(2002):	2.81%
Total Estimated Job Change:	-114
Total Estimated Job Change / ROI Employment(2002):	-0.01%

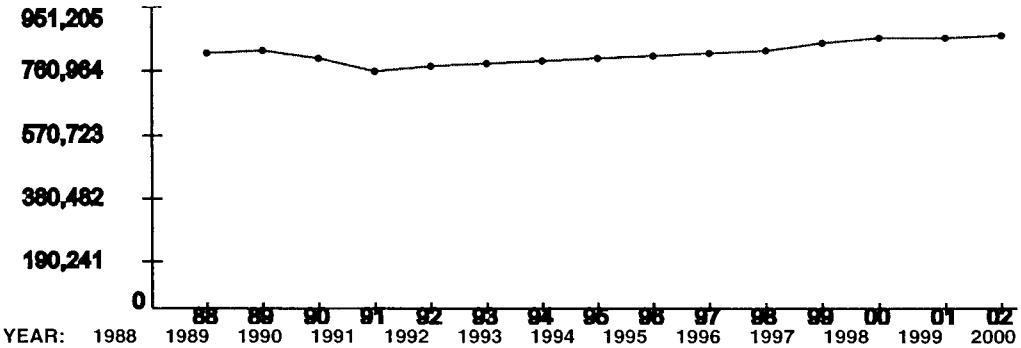
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	-34	0	0	0	0
Direct Civilian:	0	-15	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cum Indir/Induc:	0	-65	-65	-65	-65	-65
Cum Total:	0	-114	-114	-114	-114	-114

Providence-New Bedford-Fall River, RI-MA Metropolitan Statistical Area Trend Data

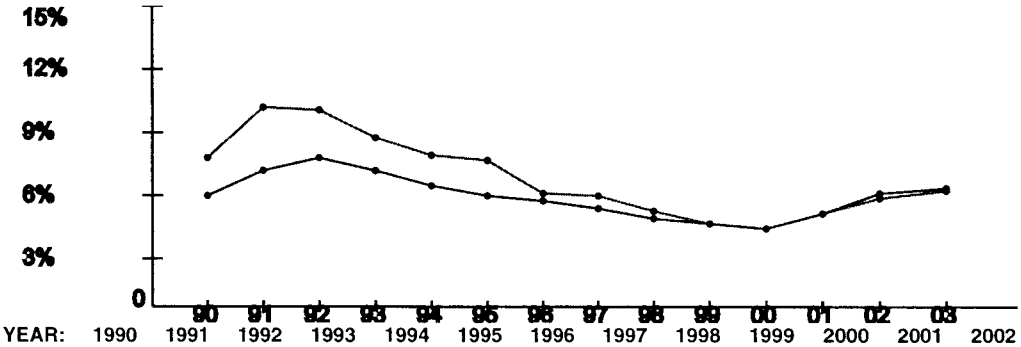
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1	0.98	0.93	0.95	0.96	0.97	0.98	0.98	1	1.01	1.03	1.06	1.06	1.07

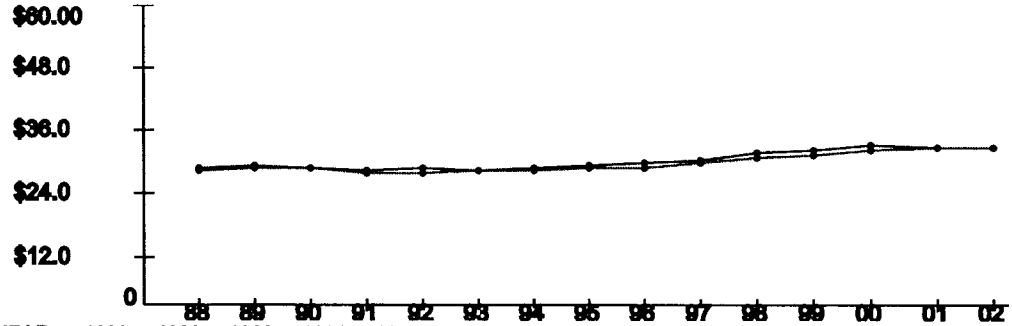
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	7.47%	10.04%	9.9%	8.52%	7.62%	7.35%	5.76%	5.62%	4.91%	4.28%	4.02%	4.76%	5.45%	5.82%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$27.58	$28.16	$27.34	$26.39	$26.71	$26.78	$26.98	$27.47	$27.72	$28.55	$29.54	$29.94	$30.96	$31.26	$31.5
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

As of: Mon Jan 10 10:05:05 EST 2005

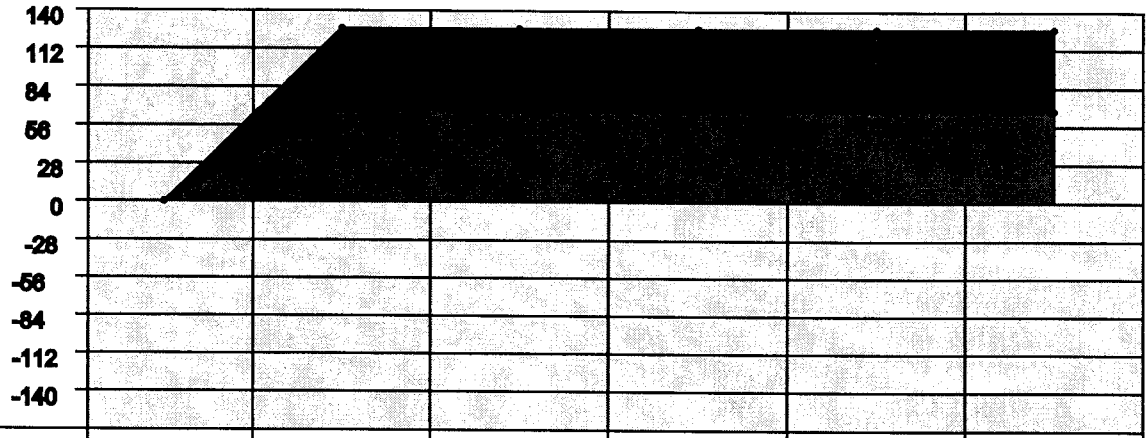
ECONOMIC IMPACT DATA

Scenario:	Realign REDCOM Northeast Newport RI and REDCOM Mid-Atlantic to COMNAVREG Mid Atlantic
Economic Region of Influence(ROI):	Virginia Beach-Norfolk-Newport News, VA-NC Metropolitan Statistical Area
Base:	NAVSTA NORFOLK
Action:	COMNAVREG MIDLANT Gaining

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	1,613,728
ROI Employment (2002):	978,888
Authorized Manpower (2005):	56,089
Authorized Manpower(2005) / ROI Employment(2002):	5.73%
Total Estimated Job Change:	127
Total Estimated Job Change / ROI Employment(2002):	0.01%

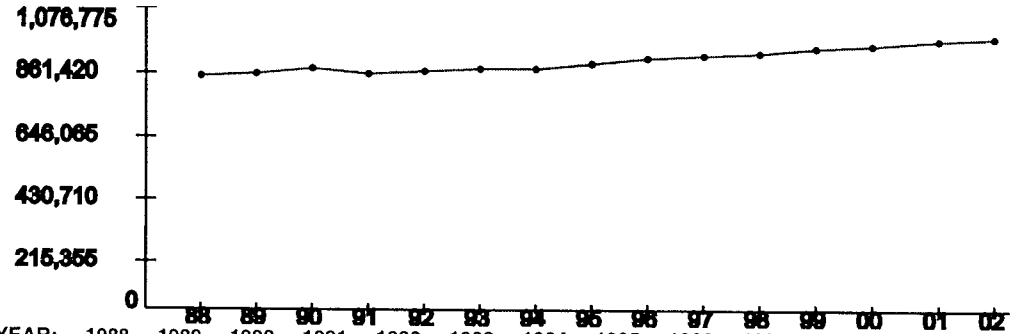
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	42	0	0	0	0
Direct Civilian:	0	17	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cum Indir/Induc:	0	68	68	68	68	68
Cum Total:	0	127	127	127	127	127

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

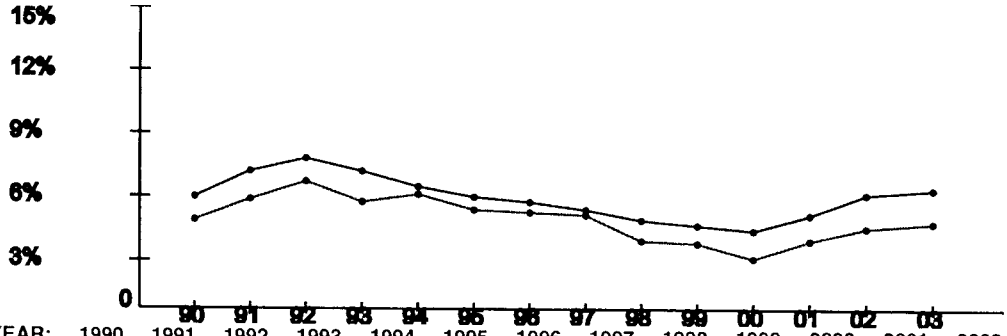
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.02	1.03	1.02	1.03	1.04	1.04	1.06	1.08	1.09	1.11	1.12	1.14	1.15	1.17

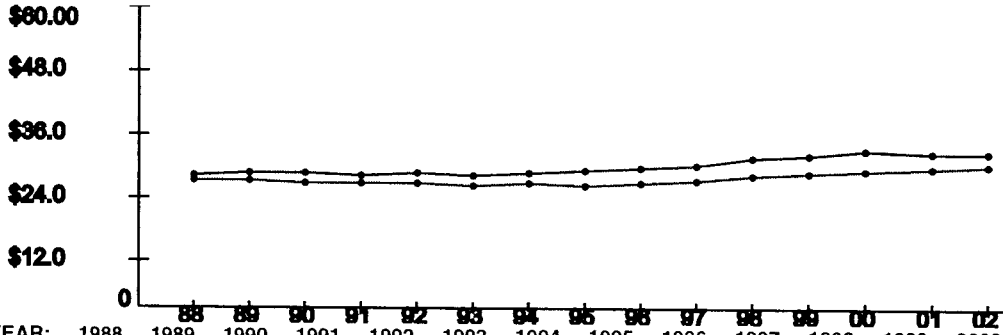
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.55%	5.56%	6.34%	5.41%	5.75%	4.95%	4.85%	4.8%	3.45%	3.37%	2.62%	3.51%	4.18%	4.42%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$25.9	$26.04	$25.47	$25.31	$25.43	$25.21	$25.31	$25.18	$25.65	$26.18	$27.12	$27.51	$28.16	$28.63	$29.01
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

As of: Mon Jan 10 10:05:05 EST 2005

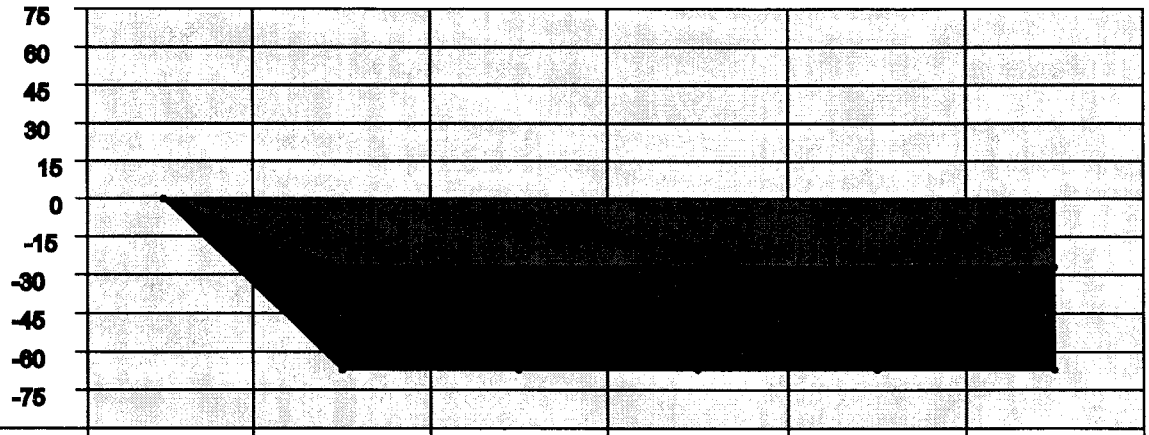
ECONOMIC IMPACT DATA

Scenario:	Realign REDCOM Northeast Newport RI and REDCOM Mid-Atlantic to COMNAVREG Mid Atlantic
Economic Region of Influence(ROI):	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division
Base:	COMNAVDIST WASH DC
Action:	NAVRESREDCOM MIDATLANTIC Losing

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	3,895,337
ROI Employment (2002):	2,771,791
Authorized Manpower (2005):	5,600
Authorized Manpower(2005) / ROI Employment(2002):	0.2%
Total Estimated Job Change:	-71
Total Estimated Job Change / ROI Employment(2002):	-0%

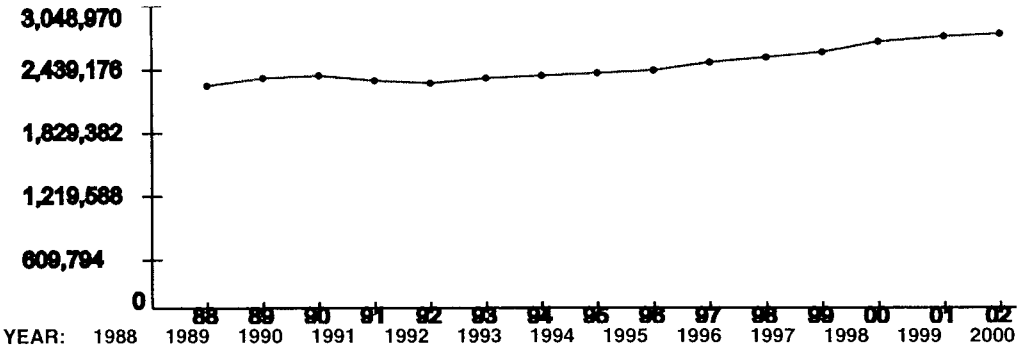
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	-32	0	0	0	0
Direct Civilian:	0	-11	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cum Indir/Induc:	0	-28	-28	-28	-28	-28
Cum Total:	0	-71	-71	-71	-71	-71

Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division Trend Data

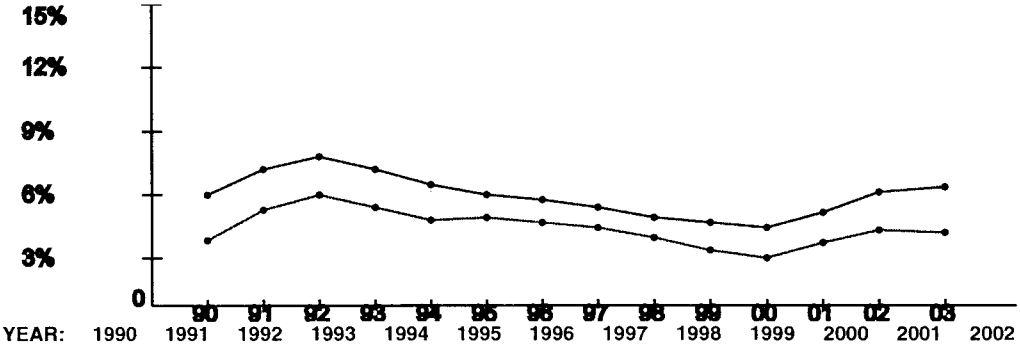
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.03	1.04	1.02	1.01	1.03	1.04	1.06	1.07	1.1	1.12	1.15	1.2	1.22	1.23

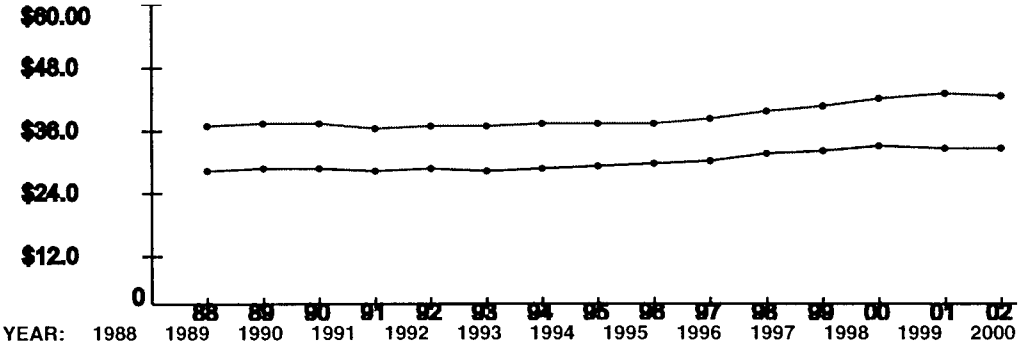
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	3.42%	4.87%	5.6%	5%	4.4%	4.48%	4.23%	3.94%	3.47%	2.82%	2.53%	3.27%	3.89%	3.75%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$35.91	$36.47	$36.33	$35.74	$36.05	$36.18	$36.42	$36.33	$36.47	$37.51	$38.94	$40.22	$41.65	$42.28	$42.06
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

NAS_JRB_FT_WORTH_TX, TX

Demographics

The following tables provide a short description of the area near the installation/activity. NAS_JRB_FT_WORTH_TX is 3.6 miles from Fort Worth, TX, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Fort Worth-Arlington, TX PMSA	1,702,625

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

County/City	Population
Hood	41100
Johnson	126811
Parker	88495
Tarrant	1446219
Wise	48793
Total	1,751,418

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 42

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.

Median Household Income (US Avg $41,994)	$45,962	Basis: MSA
Median House Value (US Avg $119,600)	$90,300	
GS Locality Pay ("Rest of US" 10.9%)	13.9%	
O-3 with Dependents BAH Rate	$1,237	

In-state Tuition for Family Member	Yes	
In-state Tuition Continues if Member PCSs Out of State	Yes	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	348,184	38 of 41 districts, 26 MFRs
Students Enrolled	324,141	41 of 41 districts
Average Pupil/Teacher Ratio	15.6:1	41 of 41 districts
High School Students Enrolled	88,690	41 of 41 districts
Average High School Graduation Rate (US Avg 67.3%)	90.7%	41 of 41 districts
Average Composite SAT I Score (US Avg 1026)	995	41 of 41 districts
Average ACT Score	20	41 of 41

(US Avg 20.8)		districts
Available Graduate/PhD Programs	5	
Available Colleges and/or Universities	23	
Available Vocational and/or Technical Schools	6	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.1%	3.2%	4.1%	6.1%	6.4%
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	2.8%	2.4%	.2%	- .4%	1.0%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	40,481	Basis: MSA
Vacant Sale Units	7,227	
Vacant Rental Units	19,815	

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.

	# Physicians	# Beds	Population	
Local Community	3,178	2,862	1,702,625	Basis: MSA
Ratio	1:536	1:595		
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:

Local UCR	5,763.6	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 NAS_JRB_FT_WORTH_TX to nearest commercial airport: 35.7 miles
Is NAS_JRB_FT_WORTH_TX 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_GREAT_LAKES_IL, IL

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_GREAT_LAKES_IL is 43.3 miles from Chicago, IL, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Chicago, IL PMSA	8,272,768

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

County/City	Population
Cook	5376741
Kenosha	149577
Lake	644356
Mchenry	260077
Total	6,430,751

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 395

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.

Median Household Income (US Avg $41,994)	$51,680	Basis: MSA
Median House Value (US Avg $119,600)	$166,200	
GS Locality Pay ("Rest of US" 10.9%)	18.3%	
O-3 with Dependents BAH Rate	$1,556	

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	251,968	69 of 69 districts
Students Enrolled	236,924	69 of 69 districts
Average Pupil/Teacher Ratio	17.3:1	69 of 69 districts
High School Students Enrolled	82,548	21 of 21 districts
Average High School Graduation Rate (US Avg 67.3%)	92.0%	21 of 21 districts
Average Composite SAT I Score (US Avg 1026)	820	21 of 21 districts
Average ACT Score (US Avg 20.8)	22	21 of 21 distric

		ts
Available Graduate/PhD Programs	20	
Available Colleges and/or Universities	34	
Available Vocational and/or Technical Schools	26	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.1%	4.1%	5.4%	6.7%	6.8%
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%	1.1%	-1.7%	-2.9%	- .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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	160,948	Basis: MSA
Vacant Sale Units	30,605	
Vacant Rental Units	64,498	

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.

	# Physicians	# Beds	Population	
Local Community	21,368	24,041	8,272,768	Basis: special
Ratio	1:387	1:344		
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:

Local UCR	4,016.4	Basis: special
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_GREAT_LAKES_IL to nearest commercial airport: 29.9 miles
Is NAVSTA_GREAT_LAKES_IL 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_NEWPORT_RI, RI

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_NEWPORT_RI is 32 miles from Providence, RI, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Providence-Fall River-Warwick, RI-MA	1,188,613

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

County/City	Population
Bristol	50648
Bristol	534678
Newport	85433
Total	670,759

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 3

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.

Median Household Income (US Avg $41,994)	$6,868	Basis: 3 of 3 counties
Median House Value (US Avg $119,600)	$164,524	
GS Locality Pay ("Rest of US" 10.9%)	17.0%	
O-3 with Dependents BAH Rate	$1,952	

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	23,090	8 of 8 districts
Students Enrolled	20,284	8 of 8 districts
Average Pupil/Teacher Ratio	21.5:1	8 of 8 districts
High School Students Enrolled	5,915	7 of 7 districts
Average High School Graduation Rate (US Avg 67.3%)	98.5%	7 of 7 districts
Average Composite SAT I Score (US Avg 1026)	1016	7 of 7 districts
Average ACT Score (US Avg 20.8)		7 of 7 districts
Available Graduate/PhD Programs	5	
Available Colleges and/or Universities	6	
Available Vocational and/or Technical Schools	3	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.7%	3.6%	3.8%	4.2%	4.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 counties

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

	1999	2000	2001	2002	2003
Local Data	5.2%	1.7%	.8%	.8%	3.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	5,181	Basis: 3 of 3 counties
Vacant Sale Units	267	
Vacant Rental Units	1,106	

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.

	# Physicians	# Beds	Population	

Local Community	2,476	1,966	1,256,085	Basis: special
Ratio	1:507	1:639		
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:

Local UCR	3,589.1	Basis: special
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_NEWPORT_RI to nearest commercial airport: 27.0 miles
Is NAVSTA_NEWPORT_RI 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

SUBASE_NEW_LONDON_CT, CT

Demographics

The following tables provide a short description of the area near the installation/activity. SUBASE_NEW_LONDON_CT is 50.7 miles from Hartford, CT, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
New London-Norwich, CT NECMA	259,088

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

County/City	Population
New London	259088
Windham	109091
Total	368,179

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 31

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.

Median Household Income (US Avg $41,994)	$50,646	Basis: MSA
Median House Value (US Avg $119,600)	$142,200	
GS Locality Pay ("Rest of US" 10.9%)	17.9%	
O-3 with Dependents BAH Rate	$1,624	
In-state Tuition for Family Member	Yes	
In-state Tuition Continues if Member PCSs Out of State	Yes	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	40,881	17 of 18 districts
Students Enrolled	37,545	18 of 18 districts
Average Pupil/Teacher Ratio	13.3:1	18 of 18 districts
High School Students Enrolled	12,052	12 of 12 districts
Average High School Graduation Rate (US Avg 67.3%)	90.1%	12 of 12 districts
Average Composite SAT I Score (US Avg 1026)	1002	12 of 12 districts
Average ACT Score (US Avg 20.8)		12 of 12 districts
Available Graduate/PhD Programs	7	

Available Colleges and/or Universities	8
Available Vocational and/or Technical Schools	1

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.3%	2.3%	2.8%	3.7%	4.8%
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	1.8%	2.5%	- .2%	2.7%	1.5%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	10,839	Basis: MSA
Vacant Sale Units	1,085	
Vacant Rental Units	2,328	

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.

	# Physicians	# Beds	Population	
Local Community	433	543	259,088	Basis: special
Ratio	1:598	1:477		
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:

Local UCR	2,997.2	Basis: special
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 SUBASE_NEW_LONDON_CT to nearest commercial airport: 4.7 miles
Is SUBASE_NEW_LONDON_CT 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_NEWPORT_RI, RI

Demographics

The following tables provide a short description of the area near the installation/activity. NAVSTA_NEWPORT_RI is 32 miles from Providence, RI, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Providence-Fall River-Warwick, RI-MA	1,188,613

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

County/City	Population
Bristol	50648
Bristol	534678
Newport	85433
Total	670,759

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 3

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.

Median Household Income (US Avg $41,994)	$6,868	Basis: 3 of 3 counties
Median House Value (US Avg $119,600)	$164,524	
GS Locality Pay ("Rest of US" 10.9%)	17.0%	
O-3 with Dependents BAH Rate	$1,952	

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	23,090	8 of 8 districts
Students Enrolled	20,284	8 of 8 districts
Average Pupil/Teacher Ratio	21.5:1	8 of 8 districts
High School Students Enrolled	5,915	7 of 7 districts
Average High School Graduation Rate (US Avg 67.3%)	98.5%	7 of 7 districts
Average Composite SAT I Score (US Avg 1026)	1016	7 of 7 districts
Average ACT Score (US Avg 20.8)		7 of 7 districts
Available Graduate/PhD Programs	5	
Available Colleges and/or Universities	6	
Available Vocational and/or Technical Schools	3	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.7%	3.6%	3.8%	4.2%	4.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 counties

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

	1999	2000	2001	2002	2003
Local Data	5.2%	1.7%	.8%	.8%	3.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 counties	1 of 3 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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	5,181	Basis: 3 of 3 counties
Vacant Sale Units	267	
Vacant Rental Units	1,106	

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.

	# Physicians	# Beds	Population	

Local Community	2,476	1,966	1,256,085	Basis: special
Ratio	1:507	1:639		
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:

Local UCR	3,589.1	Basis: special
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_NEWPORT_RI to nearest commercial airport: 27.0 miles
Is NAVSTA_NEWPORT_RI 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

COMNAVDIST_WASHINGTON_DC, DC

Demographics

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

MSA	Population
Washington, DC-MD-VA-WV PMSA	4,923,153

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

County/City	Population
Alexandria City	128283
Arlington	189453
District Of Columbia	572059
Fairfax	969749
Falls Church City	10377
Montgomery	873341
Prince George's	801515
Total	3,544,777

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 170

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.

Median Household Income (US Avg $41,994)	$57,291	Basis: MSA
Median House Value (US Avg $119,600)	$161,600	
GS Locality Pay	14.6%	

("Rest of US" 10.9%)		
O-3 with Dependents BAH Rate	$2,006	
In-state Tuition for Family Member	No	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	733,042	7 of 7 districts
Students Enrolled	531,782	7 of 7 districts
Average Pupil/Teacher Ratio	18.5:1	7 of 7 districts
High School Students Enrolled	158,850	7 of 7 districts
Average High School Graduation Rate (US Avg 67.3%)	86.9%	7 of 7 districts
Average Composite SAT I Score (US Avg 1026)	1016	7 of 7 districts
Average ACT Score (US Avg 20.8)	99999	7 of 7 districts
Available Graduate/PhD Programs	46	

Available Colleges and/or Universities	69	
Available Vocational and/or Technical Schools	29	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.6%	2.4%	3.1%	3.7%	3.5%
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	3.3%	3.0%	1.6%	.9%	1.0%
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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	94,577	Basis: MSA
Vacant Sale Units	19,464	
Vacant Rental Units	29,918	

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.

	# Physicians	# Beds	Population	
Local Community	9,031	15,667	4,923,153	Basis: MSA
Ratio	1:545	1:314		
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:

Local UCR	4,047.1	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 COMNAVDIST_WASHINGTON_DC to nearest commercial airport: 3.7 miles
Is COMNAVDIST_WASHINGTON_DC 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.

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	

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	214,553	5 of 5 districts
Students Enrolled	198,947	5 of 5 districts
Average Pupil/Teacher Ratio	12.7:1	5 of 5 districts
High School Students Enrolled	55,928	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	79.8%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)	968	5 of 5 districts
Average ACT Score (US Avg 20.8)	20	5 of 5 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 a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

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.

	# Physicians	# Beds	Population	
Local Community	2,936	3,599	1,569,541	Basis: MSA
Ratio	1:535	1:436		
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:

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

Summary of Scenario Environmental Impacts

DON scenario, DON-00078

Action 1: Relocate REDCOM South Ft. Worth, TX to REDCOM Midwest Great Lakes, IL.

General Environmental Impacts

Environmental Resource Area	Joint Reserve Base Fort Worth, TX (Installation Realigned)	Naval Station Great Lakes, IL (Installation Gaining Function)
Air Quality	No impact.	Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Conformity determination required.
Cultural/Archeological/ Tribal Resources	No impact.	Historic property has been identified on installation, however no impacts are anticipated from this scenario.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with lost assets.	Solid waste may increase, however amount expected is minor.
Water Resources	Reduces water usage associated with lost assets.	Additional water consumption is expected, however no constraints are anticipated for this scenario.
Wetlands	No impact.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Joint Reserve Base Fort Worth, TX (Installation Realigned)	Naval Station Great Lakes, IL (Installation Gaining Function)
Environmental Restoration	DERA costs $19.8 M thru FY 03; $5.5 M CTC	DERA costs $5.9 M thru FY 03; $25.1 M CTC
Waste Management	None	None
Environmental Compliance	None	None

Summary of Scenario Environmental Impacts

DON scenario, DON-0155

Action 1: Disestablish REDCOM Northeast Newport by consolidating with COMNAVREG Northeast New London, CT at Naval Submarine Base New London, CT.

General Environmental Impacts

Environmental Resource Area	Naval Station Newport (Installation Realigned)	Naval Submarine Base New London, CT (Installation Gaining Function)
Air Quality	No impact.	Installation is in Serious non-attainment for 1-Hour Ozone and in Moderate non-attainment for 8-hour Ozone. However, no impacts are anticipated from this scenario. No Conformity Determination required.
Cultural/Archeological/Tribal Resources	No impact.	Historic property has been identified on installation, however no impacts are anticipated from this scenario.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with lost assets.	Solid waste may increase, however amount expected is minor.
Water Resources	Reduces water usage associated with lost assets.	Additional water consumption is expected, however no constraints are anticipated for this scenario.
Wetlands	No impact.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Station Newport (Installation Realigned)	Naval Submarine Base New London, CT (Installation Gaining Function)
Environmental Restoration	DERA costs $77.1 M thru FY 03; $41 M CTC	DERA costs $56.5 M thru FY 03; $24 M CTC
Waste Management	None	None
Environmental Compliance	None	None

Summary of Scenario Environmental Impacts

DON scenario; DON-0156

Action 1: Disestablish NAVRESREDCOM Northeast (Newport, RI) by consolidating COMNAVREG with COMNAVREG Mid-Atlantic at Naval Station Norfolk.

Action 2: Disestablish NAVRESREDCOM Mid-Atlantic by consolidating with COMNAVREG Mid-Atlantic at Naval Station Norfolk.

Action 3: Disestablish NAVRESREDCOM Mid-Atlantic by consolidating with COMNAVDIST Washington, DC at Washington Navy Yard.

General Environmental Impacts

Environmental Resource Area	Naval Station Newport, RI (Realigned Installations)	Washington Navy Yard (Installation Gaining Function)	Naval Station Norfolk, VA (Installation Gaining Function)
Air Quality	No impact.	Severe Non-attainment for Ozone (1hr). No Conformity Determination required. No impact.	Maintenance for Ozone (1hr); Marginal Non-attainment for Ozone (8hr). No Conformity Determination required. No impact.
Cultural/ Archeological/ Tribal Resources	No impact.	No impact.	No impact.
Dredging	No impact.	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas ESQD arcs	No impact.	No impact.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	No impact.	No impact.
Noise	No impact.	No impact.	No impact.
Threatened& Endangered Species/Critical	No impact.	No impact.	No impact.

Habitat			
Waste Management	Reduces waste disposals associated with the lost assets.	No impact.	No impact.
Water Resources	Reduces water usage associated with the lost assets.	No impact.	No impact.
Wetlands	No impact.	No impact.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Station Newport, RI (Realigned Installations)	Washington Navy Yard (Installation Gaining Function)	Naval Station Norfolk, VA (Installation Gaining Function)
Environmental Restoration	DERA costs $ 77.1M thru FY 03; $41 M CTC	DERA costs $ 18.3M thru FY 03; $13 M CTC	DERA costs $85.9 M thru FY 03; $24.3 M CTC
Waste Management	None	None	None
Environmental Compliance	None	None	None

TAB 8

Scenario DON-0132
Relocate Fourth MCD from New Cumberland, PA to FT Detrick, MD and Aberdeen Proving Grounds, MD
Criterion 5 – COBRA

30 December 2004

Jack Leather
CDR Flather

Scenario Description

- **Relocate Fourth MCD from New Cumberland, PA to FT Detrick, MD**
- **Relocate Fourth MCD from New Cumberland, PA to Aberdeen Proving Grounds**

ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0132 Ft Detrick	3.877	None	Never	9.167
DON-0132 Aberdeen	1.804	None	Never	3.793

All Dollars shown in Millions

Notes:

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Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0132 Detrick and Aberdeen	Eliminate	0	0	0		0
	Move	18	42	18	0	78

Notes:

One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0132 Detrick	2.497	.074	.251	.612	.442	1.577	-.143	3.735
DON-0132 Aberdeen	.668	.074	.251	.775	.035	1.803	-.143	1.661

All Dollars Shown in Millions

Notes: MILCON required

Pers: RIF, early retirement and unemployment

Ovhd: Program Management Costs

Move: Civilian and military moving, freight and IT

Other: Army cost to provide utilities support to MILCON and one time IT costs

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MILCON Summary

Scenario: DON-0132	FT Detrick			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building	SF	11000	0	1.898
BEH	SF	2000		.373
Parking Lot	SY	4000		.227
TOTAL				2.497

Note: All Dollars Shown in Millions

Notes:

Scenario: DON-0132	Aberdeen Proving Grounds			
Construction FAC Description	UM	New	Rehab	Cost
General Administrative Building/Parking	SF	0	11000	.473
Parking Lot	SY	4000	0	.196
TOTAL				.668

Notes:

Recurring Costs/Savings Summary

Recurring Costs/Savings FY06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0132 Detrick	1.478	1.596	0	3.075	-1.696	1.378
DIN-0132 Aberdeen	2.183	0	0	2.184	-1.696	.488

All Dollars Shown in Millions

Recurring costs: O&M: BOS and Civilian salaries (Army needs to hire 3 civilians to take care of Marines)
MILPERS: BAH (0 at Aberdeen due to reduced costs)
Savings: BOS and BAH

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Key Elements of Recurring Savings

Scenario: DON-0132		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
O&M *	BOS	.400
MILPERS	BAH	1.296

Notes:

Scenario Issues

- "New" location reduces costs but continues to result in zero savings

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TAB 9

Regional Support Activities Summary
for
IM Regions and Others

10 Jan 2005

IM Regions

SDC#	Closes/Realigns	Billets Elim	Billets Moved	One-Time Costs (&M)	Steady-State Savings ($M)	ROI Years	20 Year NPV ($M)
DON-0040	NavRegion South, GulfC, CNRFC	45	38	3.259	-2.720	1	-33.300
DON-0041	NavRegion South, GulfC, CNRFC, & Northeast	92	78	6.413	-6.532	Immediate	-84.622

All Dollars shown in Millions

- Scenarios
  - DON-0040, 6 + 1 CONUS Regions
  - DON-0041, 5 + 1 CONUS Regions
  - DON-0042, Consolidate Guam with Hawaii
    - DAG & IEG decided not to go forward

IM Regions

- Discriminating Characteristics
  - DON-0040, 6 + 1 CONUS Regions
    - 1-yr payback
    - Retains Regional presence in Northeast
  - DON-0041, 5 + 1 CONUS Regions
    - Immediate payback
    - Increases management distance for Northeast Installations
- Other considerations
  - Favorable JCSG IM consolidation scenarios reduce Navy IM responsibilities in Northeast
  - DON/JCSG scenarios reduce significant Northeast presence.
- DAG Decision Item – Select candidate recommendation for presentation to the IEG.

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NAVFAC Summary

SDC#	Closes/Realigns	Billets Elim	Billets Moved	One-Time Costs ($M)	Steady-State Savings ($M)	ROI Years	20 Year NPV ($M)
DON-0073	NAVFAC EFANE (Relocate to Groton)	0	192	12.390	-2.156	8	-14.893
DON-0075	NAVFAC EFANE (Consolidate in Norfolk)	35	157	10.867	-5.025	2	-51.772
DON-0074A	NAVFAC EFD South (Consolidate)	50	448	25.047	-3.673	8	-20.417
DON-0154	NAVCRANECEN (Relocate to Norfolk)	0	55	3.781	-0.822	5	-6.466
DON-0160	NAVCRANECEN (Relocate to PNBC)	0	55	0.973	-0.589	2	-6.153

All Dollars shown in Millions

- Scenarios
  - DON-0073, Relocate EFA NE to SUBASE New London
  - DON-0075, Consolidate EFA NE with EFD MA (Norfolk)
  - DON-0074A, Consolidate EFD South with EFA SE, EFA MW and EFD MA
  - DON-0154, Relocate NAVCRANECEN to Norfolk
  - DON-0160, Relocate NAVCRANECEN to PNBC

  - DON-0074, Reissued as DON-0074A to include consolidation with NAVFAC Atlantic
  - DON-0076, Consolidate EFA/PWC Guam with EFD/PWC Hawaii
    - DAG decided not to go forward, must still be reviewed with IEG

NAVFAC Summary

- Discriminating Characteristics
  - DON-0075, EFA NE consolidate with EFD MA
    - Aligns with IM Regions (5+1); Investment required; 2-yr payback
  - DON-0073, EFA NE relocate to SUBASE NL
    - Aligns with IM Regions (6+1); Investment required; 8-yr payback
  - DON-0074A, EFD South consolidate with EFA SE, MW and EFD MA
    - Large investment; 8-yr payback
  - DON-0154, Relocate NAVCRANECEN to Norfolk
    - Aligns with like components; NAVFAC prefers in Norfolk; 5-yr payback
  - DON-0160, Relocate NAVCRANECEN to PNBC
    - Stays in Philly; low cost; Not behind secured fenceline; 2-yr payback
- DAG Decision Item - Select candidate recommendation(s) for presentation to the IEG.

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REDCOM Summary

SDC#	Closes/Realigns	Billets Elim	Billets Moved	One-Time Costs (&M)	Steady-State Savings ($M)	ROI Years	20 Year NPV ($M)
DON-0078	REDCOM South (Consolidate with REDCOM MW)	41	18	0.650	-4.001	Immediate	-57.174
DON-0077	REDCOM NE (Relocate to New London)	0	49	2.030	0.169	Never	4.266
DON-0155	REDCOM NE (Consolidate with CNRNE)	0	49	2.030	0.168	Never	4.251
DON-0079	REDCOM NE (Consolidates with REDCOM MA)	39	10	1.061	-3.590	Immediate	-50.938
DON-0156	REDCOM NE & MA (Consolidates with CNRMA)	33	59	1.982	-3.000	1	-38.640

All Dollars shown in Millions

- Scenarios
  - DON-0078, Consolidate REDCOM South with REDCOM MW
  - DON-0077, Relocate REDCOM NE to New London
  - DON-0155, Consolidate REDCOM NE with CNR NE, New London
  - DON-0079, Consolidate REDCOM NE with REDCOM MA, Wash DC
  - DON-0156, Consolidate REDCOM NE and REDCOM MA with CNR MA, Norfolk, VA

REDCOM Summary

- Discriminating Characteristics
  - DON-0078, Consolidate REDCOM South with REDCOM MW
    - Aligns with IM Regions; Very small investment; Immediate payback
  - DON-0156, Consolidate REDCOM NE and REDCOM MA with CNRMA
    - Aligns with IM Regions (5+1); Small investment; 1-yr payback
  - DON-0155, Consolidate REDCOM NE with COMNAVREG NE
    - Aligns with IM Regions (6+1), Small investment; Does not pay back
- DAG Decision Item - Select candidate recommendation(s) for presentation to the IEG.

MCD Summary

SDC#	Closes/Realigns	Billets Elim	Billets Moved	One-Time Costs ($M)	Steady-State Savings ($M)	ROI Years	20 Year NPV ($M)
DON-0132	4th MCD Cumberland (Relocate to Detrick)	0	78	3.877	0.0479	Never	9.167
DON-0132*	4th MCD Cumberland (Relocate to Aberdeen)	0	78	1.804	196	Never	3.793
DON-0134	8th MCD to JRB FT Worth (Relocate)	0	73	2.388	-0.056	100+	1.441

All Dollars shown in Millions

- Scenarios
  - DON-0132, Relocate 4th MCD to FT Detrick/Aberdeen Proving Grounds
  - DON-0134, Relocate 8th MCD to NAS JRB FT Worth

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MCD Summary

- Discriminating Characteristics
  - DON-0132, Relocate 4th MCD to FT Detrick/Aberdeen Proving Grounds
    - Moves MCD within AOR; Minimal savings; Does not pay back
  - DON-0134, Relocate 8th MCD to NAS JRB Ft Worth
    - Moves MCD within AOR; Minor savings; 100+ yr payback
    - Impacted by scenarios to close NAS JRB Ft Worth and NSA New Orleans
- DAG Decision Item - Select candidate recommendation(s) for presentation to the IEG.

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Others

- NLSO
  - DON-0080, Consolidate NLSO Central and NLSO SE
    - DAG decision not to go forward, must still present to IEG
- HRSC (3)
  - Anticipate JCSG will move forward with scenario for Joint Civilian Personnel Management
    - DON scenarios off the table, must review with IEG

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TAB 10

Reserve Centers – No Receiver Sites ROI Summary

Closes / Realigns	Receiver needed for:	Billets Elim	Billets Moved	One-Time Costs (&M)	Steady-State Savings ($M)	Payback Years	20 Year NPV ($M)
NRC Forest Park, IL	-	14	2	0.170	-2.054	Immediate	-29.853
NRC Adelphi, MD	-	16	1	0.164	-1.726	Immediate	-24.812
NRC Orange, TX	-	12	1	0.328	-1.404	Immediate	-19.910
NMCRC, Tacoma, WA	-	8	12	0.142	-1.155	Immediate	-16.542
NRC Duluth, MN	-	7	0	0.065	-0.887	Immediate	-12.776
NRC Glen Falls, NY	-	7	0	0.041	-0.824	Immediate	-11.850
NRC Lacrosse, WI	-	5	2	0.059	-0.811	Immediate	-11.686
NRC St. Petersburg, FL	-	4	8	0.095	-0.792	Immediate	-11.473
NRC Tuscaloosa, AL	-	7	0	0.046	-0.765	Immediate	-11.053
NRC Dubuque, IA	-	7	0	0.046	-0.678	Immediate	-9.753
NRC Lubbock, TX	-	5	2	0.077	-0.669	Immediate	-9.638
NRC Bangor, ME	-	7	0	0.041	-0.662	Immediate	-9.525
NRC Lincoln, NE	-	5	2	0.184	-0.653	Immediate	-9.330
NRC Pocatello, ID	-	6	1	0.037	-0.590	Immediate	-8.420
NRC Sioux City, IA	-	5	2	0.054	-0.572	Immediate	-8.224
NRC Asheville NC	-	2	5	0.051	-0.538	Immediate	-7.786
NRC Evansville, IN	-	4	3	0.061	-0.536	Immediate	-7.714
NRC Cedar Rapids, IA	-	5	2	0.052	-0.532	Immediate	-7.651
NMCRC Grissom AFB IN	-	5	2	0.080	-0.526	Immediate	-7.547
NRC Central Pt, OR	-	5	2	0.044	-0.517	Immediate	-7.446
NRC Cape Girardeau, MO	-	2	5	0.064	-0.402	Immediate	-6.944
NRC Marquette, MI	-	4	3	0.049	-0.468	Immediate	-6.744
NRC Lexington, KY	-	5	4	0.060	-0.460	Immediate	-6.320
NRC Horseheads, NY	-	2	5	0.051	-0.413	Immediate	-5.949
NRC Watertown, NY	-	4	5	0.077	-0.412	Immediate	-5.919
Summary data for Data						**(all 2006)**	
Total		**153**	**69**	**2.138**	**-19.046**		**-274.87**

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Reserve Centers – With Receiver Sites ROI Summary

SDC#	Closes / Realigns	Receiver needed for:	Billets Elim	Billets Moved	One-Time Costs (&M)	Steady-State Savings ($M)	Payback Years	20 Year NPV ($M)
DON-0051	NRC Cleveland OH	N	15	9	4.904	-1.686	Immediate (2007)	-17.022
DON-0054	NMCRC Encino, CA	MC	2	35	0.111	-0.947	Immediate (2006)	-13.647
DON-0025	NMCRC Moundsville, WV	MC	7	9	0.239	-0.883	Immediate (2006)	-12.528
DON-0057	I&I West Trenton, NJ	MC	0	11	1.246	-0.471	2 (2008)	-5.614
DON-0056	I&I Rome, GA	MC	0	9	0.052	-0.156	Immediate (2007)	-1.961
	Total		**24**	**73**	**6.552**	**-4.143**		**-50.772**

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Regional Support Activities ROI Summary

SDC#	Closes / Realigns	Billets Elim	Billets Moved	One-Time Costs ($M)	Steady-State	Payback Years	20 Year NPV ($M)
DON-0041	CNR South, GulfC, CNRFC, & Northeast	92	78	6.413	-6.532	Immediate (2007)	-84.622
DON-0074A	NAVFAC EFD South	50	448	25.047	-3.673	8 (2017)	-20.417
DON-0075	NAVFAC EFANE	35	157	10.867	-5.025	2 (2010)	-51.772
DON-0078	RESREDCOM South	41	18	0.650	-4.001	Immediate (2006)	-57.174
DON-0154	NAVCRANECEN	0	55	3.781	-0.822	6 (2013)	-6.466
DON-0156	REDCOM NE & MA	33	59	1.982	-3	1 (2008)	-38.64
	Total	**251**	**815**	**48.74**	**-23.053**		**-259.091**

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Recruiting ROI Summary

SDC#	Closes / Realigns	Billets Elim	Billets Moved	One-Time Costs (&M)	Steady-State Savings ($M)	Payback Years	20 Year NPV ($M)
DON-0062	NRD Indi, Omaha, Buff, Montg, KC	152	0	2.444	-14.529	Immediate (2006)	-207.761
	Total	152	0	2.444	-14.529		-207.761

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H&SA Aggregate ROI Summary

Reserve Centers	177	142	8.69	-23.189	-325.642
Regional Support	251	815	48.74	-23.053	-259.091
Recruiting	152	0	2.444	-14.529	-207.761
TOTAL H&SA	**580**	**957**	**59.874**	**-60.771**	**-792.494**

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TAB 11

Department of the Navy

Infrastructure Analysis Team

Scenarios DON-0003, 0031, 0032
Close NAVSTA Ingleside, TX; Realign NAS Corpus Christi TX COBRA and RISK ASSESSMENT UPDATE

10 January 2005

COBRA: Jack Leather

SPOC: CDR Ed Fairbairn

Scenario Description: DON-0032

- Close base operations at Naval Station Ingleside, TX.
- Relocate 10 MHCs and 10 MCMs to Naval Station San Diego, CA, to include required personnel, equipment, and support.
- Consolidate MINEWARTRACEN, Ingleside, TX with FLEASWTRACEN, San Diego, CA.
- Disestablish COMREGSUPPGRU, Ingleside, TX.
- Relocate COMINEWARCOM, COMOMAG from NAS Corpus Christi, TX, to ASW Center, Naval Base Point Loma, CA. [1]
- Disestablish NAVDENCEN Gulf Coast Pensacola, FL function Dental Clinic, Ingleside, TX.[2]
- Disestablish NAVHOSP Corpus Christi, TX function Branch Medical Clinic, Ingleside, TX. [2]
- Consolidate COMAFLOATRAGRULANT Norfolk, VA function AFLOATRAGRU Ingleside, TX with AFLOATRAGRUPAC San Diego, CA.
- Consolidate FISC Jacksonville, FL, function FISC Jacksonville DET Ingleside, TX with FISC San Diego, CA.
- Consolidate SIMA NRMF Ingleside TX, with SIMA San Diego, CA.

Note 1: Based on COMINEWARCOM and CFFC input, alternative receiver identified as Fleet ASW Center, Point Loma CA in lieu of NAS North Island.

Note 2: Based on approved DoD Tricare rule set – did not consolidate

Note: Initial COBRA run for brief without actions to move HM-15 and support

Scenario Description DON-0003

- <u>Same as Scenario DON-0032, except:</u>
- Relocate 5 MHCs and 5 MCMs to Naval Station San Diego, CA, to include required personnel, equipment, and support.
- Relocate 5 MHCs and 5 MCMs to Naval Amphibious Base Little Creek, VA, to include required personnel, equipment, and support.
- Consolidate COMAFLOATRAGRULANT Norfolk, VA function AFLOATRAGRU Ingleside, TX with AFLOATRAGRUPAC San Diego, CA. and COMAFLOATRAGRULANT Norfolk, VA Function ATG Norfolk, VA.
- Consolidate FISC Jacksonville, FL, function FISC Jacksonville DET Ingleside, TX with FISC San Diego, CA and FISC Norfolk, VA
- Consolidate SIMA NRMF Ingleside TX, with SIMA San Diego, CA and SIMA Norfolk, VA

Scenario Description DON-0031

- <u>Same as Scenario DON-0032, except:</u>
- Relocate 5 MHCs and 5 MCMs to Naval Station San Diego, CA, to include required personnel, equipment, and support.
- Relocate 5 MHCs and 5 MCMs to Naval Station, Mayport, FL, to include required personnel, equipment, and support.
- Consolidate COMAFLOATRAGRULANT Norfolk, VA function AFLOATRAGRU Ingleside, TX with AFLOATRAGRUPAC San Diego, CA. and COMAFLOATRAGRULANT Norfolk, VA Function ATG Mayport, FL.
- Consolidate FISC Jacksonville, FL, function FISC Jacksonville DET Ingleside, TX with FISC San Diego, CA and FISC Jacksonville, FL
- Consolidate SIMA NRMF Ingleside TX, with SIMA San Diego, CA and SIMA Mayport, FL

ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0003 (Lcreek/SD)	200.72	-61.09	3	-583.64
DON-0031 (Mayport/SD)	206.69	-61.14	3	-578.36
DON-0032 (SD Only)	231.64	-60.25	4	-541.42

All Dollars shown in Millions

Notes:

- **One-Time costs primarily driven by MILCON and contract start-up at receiving sites.**
- **New Pier required at Naval Station San Diego ($65M) drives costs up for single site**
- **MHC decommissioning in FY08 not reflected in 20-year Force Structure Plan.**
- **Since POM-06 not approved, movement of MHCs included in scenario.**
- **Additional 500 personnel eliminated and reduced infrastructure needs if POM-06 approved.**
- **With POM-06 factored in, Scenario DON-0032 shows better ROI (2 year) since pier MILCON not required and BQ, parking and CDC MILCON reduced in scope (see back-up).**

Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0003 Little Creek/SD	Eliminate	43	502	149		694
	Move	252	1,591	140*	129	2,112
DON-0031 Mayport/SD	Eliminate	43	502	155		700
	Move	252	1,591	134*	129	2,106
DON-0032 San Diego only	Eliminate	44	526	156		726
	Move	251	1,567	133	129	2,080

Notes:

- **Eliminate Personnel**
  - 86% of SIMA *
  - 50% of BOS
  - 50% of COMATGLANT
  - 67% of FISC

  (SIMA San Diego have confirmed that only MIW specific personnel needed. 12.5 CGEs onto base with 53 active CGEs.)
- **Move Operational forces and stand alone tenants**
- ***Different Civilian numbers reflects differences between FISC Norfolk and FISC JAX**

One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const costs	Pers costs	Ovhd costs	Move costs	Other costs	Total Costs	Total Svgs	Net (costs)
DON-0003 (Little Creek/SD)	154.23	5.27	6.50	20.93	13.80	200.72	-3.60	197.12
DON-0031 (Mayport/SD)	157.91	5.57	6.50	21.51	15.21	206.70	-3.60	203.09
DON-0032 (San Diego only)	189.94	5.73	6.50	22.66	6.80	231.64	-3.56	228.08

All Dollars Shown in Millions

Notes:

Significant Military Construction:

1. Dual site scenarios have duplicate EMR Facility which cause significant increase in MILCON
2. Naval Station San Diego – significant MILCON directly related to personnel numbers (BQ, CDC, Parking)

Personnel

1. Civilian RIF and early retirement
2. Eliminated military PCS

Overhead

1. Program management costs due to extensive MILCON at NAS North Island and NAVSTA San Diego

Moving: Costs incurred due to PCS of personnel

Significant Mission Specific and Support Equipment movement FISC: 587 T / SIMA: 42 T / MWTC: 206

Other:

1. MWTC specific equipment dismantle and re-assembly: $1.8M
2. FISC A-76 Retail Contract de-scope $0.2M – recalculate overhead changes for FY08-09. (More than offset be recurring savings on the contract)

MILCON Summary

Scenario: DON-0003, -0031, -0032	FLEASWTRACEN (Point Loma Complex)			
Construction FAC Description	UM	New	Rehab	Cost
Admin Space (MWTC, CMWC, COMOMAG)	SF	24,464	14,400	6. 38
Classroom	SF	8,627		2.94
Mine Lab	SF	11,945		4.58
Special MIW Training Pool	EA	1		2.89
TOTAL				16.72

All Dollars Shown in Millions

Notes:

MWTC costs provided in line with recent MILCON for mine lab, special pool, classroom facility and Admin area of MWTC.

At ASW Center admin space also includes renovation of buildings for COMOMAG and addition of 4th deck to building for CMWC. Default pricing guide values used for that portion of the cost.

MILCON Summary

Scenario: DON-0032	NAVSTA San Diego, CA			
Construction FAC Description	UM	New	Rehab	Cost
Main Gate	EA	1		2.51
EMR Facility	EA	1		50.00
Pier	EA	1		65.00
BQ	SF	65,406		25.17
Child Development Center	SF	25,950		11.68
Vehicle Parking	SY	42,000		18.87
TOTAL				173.22

All Dollars Shown in Millions

Notes:

Main Gate:Traffic at NSSD is a current problem and this action will only exacerbate the congestion impacting major access routes into downtown San Diego. NBSD has previously submitted this MILCON to streamline entry. Cost based on MILCON project est.

EMR Facility: Unique facility for reducing magnetic signature to the level required for Mine Warfare ships. Mainstream deperm facilities do not have this capability

Pier 14 Replacement: Review of Pier Capacity is confirmed that for 20 MIW ships plus HSV-2, pier 14 must be re-built

BEQ: *: NBSD has an existing shortage of barracks rooms. Under the homeport ashore initiative rooms will be required to support the additional homeported ships under this scenario. This project will construct 125 1+1 E rooms for E1-E3 sailors. San Diego is a high rent area. This MILCON would construct high-rise buildings -- including elevators, paving and site improvements, progressive collapse, seismic, utilities, and site clearing which are not accounted for within DOD Facility Pricing Guide. Revised requirement due to ships being non-deployed status.*

Child Development Center*: Child Care services at NBSD have reached maximum capacity. Priced out as "Turn-Key" Facility*

Vehicle Parking: *A multi-story parking garage* – shortfall of land available and limited parking – Priced out as garage – $12K per parking spot.

MILCON Summary

Scenario: DON-0003, -0031	NAVSTA San Diego, CA			
Construction FAC Description	UM	New	Rehab	Cost
Main Gate	EA	1		2.51
EMR Facility	EA	1		50.00
BQ	SF	44,832		14.36
Child Development Center *	SF	12,950		5.84
Vehicle Parking *	SY	21,000		10.85
TOTAL				83.56

All Dollars Shown in Millions

Notes:

Same as Previous slide with following exceptions:

- **Lower scope of MILCON due to reduced numbers of ships and personnel moving to NAVSTA San Diego.**
- **Pier 14 MILCON no longer required.**

MILCON Summary

Scenario: DON-0003	NAB Little Creek, VA			
Construction FAC Description	UM	New	Rehab	Cost
EMR Facility	EA	1		50.00
Waterfront Ops Building	SF	1,800		0.29
Child Development Center	SF	11,300		2.15
Administrative Building	SF	8000		1.27
Parking	SY	4,500		0.24
TOTAL				53.95

All Dollars Shown in Millions

Notes:

1. EMR – same as NAVSTA San Diego
2. Waterfront OPS building is space for additional personnel to support relocated ships
3. 6,500 personnel on Child care waiting list
4. Admin Bldg and parking for COMAFLTRAGRULANT Norfolk, VA
5. No BQ requirement. Reported cost for outfitting existing BQ facility for influx of personnel.

MILCON Summary

Scenario: DON-0031	NAVSTA Mayport, FL			
Construction FAC Description	UM	New	Rehab	Cost
EMR Facility	EA	1		55.85
Applied Instruction Building	SF	8000		1.55
Parking	SY	4,500		0.23
TOTAL				57.63

All Dollars Shown in Millions

Notes:

1. EMR – same as NAVSTA San Diego – includes additional dredging for access to facility. Both EMR facilities include dredging.
2. Facility Expansion for ATG Mayport
3. No BQ requirement reported. Current BQ waiting list, a BQ Milcon nearing completion, another already planned, scenario offset by decommissioning ships currently based at NS Mayport. *Additionally, Naval Station Mayport had project in for 900 man BQ which was recently reduced in scope to 108 man BQ by CNI.*

Recurring Costs/Savings Summary

Recurring Costs/Savings FY 06 – FY11						
Scenario	O&M costs	Mil Pers costs	Other costs	Total Costs	Total Svgs	Net (costs)
DON-0003 (Little Creek/SD)	38.01	65.47	9.20	112.68	334.40	-221.72
DON-0031 (Mayport/SD)	38.73	65.40	9.96	114.09	335.79	-221.71
DON-0032 (San Diego only)	47.28	79.94	4.51	126.73	343.39	-216.66

All Dollars Shown in Millions

Notes:

O&M

1. Sustainment and recapitalization costs derived from new construction. Savings from base closure results in significant net savings.
2. Base Operating Support (BOS) costs and savings generated by COBRA based on static values.
3. TRICARE costs generated automatically by COBRA due to base closure. Note, Ingleside clinic closed and personnel eliminated. Corpus Christi unchanged.

Military Personnel

1. Housing Allowance – Of all receivers, BAH lowest in Mayport.

Other costs

1. For DON-0003 and –0031, add 0.77M for PCS/TAD costs for MHC/MCM Sailors from LC/MYPT to attend MWTC schools.
2. Includes cost to operate 2nd EMR facility (1st EMR operating cost transferred to SD and not included)
3. Cost for TAD for training of HM-15 with ships, due to no longer stationed where ships are based. ($1.1M.yr)

Key Elements of Recurring Savings

Scenario: DON-0003, -0031, -0032		
Element	**Description**	**Total Recurring Savings ($M) FY06-FY11**
SRM*	Closed 0.77M SF of facilities	24.91
BOS*	Closed the base	43.78
MIL/CIV Salaries/BAH*	Eliminated 694 Billets (0003) Eliminated 700 Billets (0031) Eliminated 726 Billets (0032)	263.86 265.26 272.85
Misc Recurring*	De-scope of A-76 retail supply contract at Corpus Christi and Ingleside	1.84

All Dollars Shown in Millions

Notes:

Recurring Net savings

Net savings generated by COBRA model include O&M (SRM, BOS, civ salary) and Military salary, which is reduced due to pers elimination.

MISC Recurring from no longer needing A-76 retail supply contract at FISC (offset by efficiency and personnel that were transferred to FISC SD)

Scenario Issues

- COMINEWARCOM
  - Recommends establishing Undersea Warfare Command with FASW
    - Better suited to relocate at Fleet ASW than NAS NI
    - CFFC submitted alternate receiver data for this – incorporated in COBRA run
  - Advises against splitting up MIW forces
  - South Texas geographically isolated and adverse training environment
- FISC Jacksonville, FL
  - Scenario did not address FISC DET Corpus Christi
    - Corrected in DDC Process
  - Performance Based Logistics Contract with Raytheon in negotiation
- FISC San Diego
  - Realigning in FY06 with SIMA San Diego and Southwest Reg. Maint Ctr.
- MINEWARTRACEN
  - Facilities recently expanded including Mines Bay and Pool
  - Set up up for legacy MIW and future Organic systems training
  - Plan is for organic mine warfare (LCS) module personnel to go through MWTC, Ingleside, TX.

Scenario Issues

- **NAVSTA San Diego, CA**
  - Has MILCON to expand sub station in anticipation of new ships (LCS). Additional ships from this scenario hasten need
- **Community Impact**
  - NAVSTA Ingleside, TX: Economic impact of loss military and civilian personnel
  - San Diego: Surface Vehicle traffic congestion is a major concern at NAVSTA San Diego (32nd Street).
- **Agency Impact**
  - USCG: 137 Coast Guard personnel attend firefighting training at MWTC
  - USCG: NAVSTA Ingleside now homeport to USCG ships. Newly commissioned cutter just assigned to NAVSTA Ingleside

Additional Scenario Issues for DON-0003 and -0031

- NAVPHIBASE Little Creek, VA
  - If LCS is homeported at NAB, the MCM/MHCs will need to be re-located.
- SIMA Norfolk and Mayport
  - Only one set of unique MIW ship maintenance equipment on hand.
  - Designated for SIMA San Diego
  - SIMA Norfolk/Mayport will have to procure – approx $4.5M

Department of the Navy

Infrastructure Analysis Team

Candidate Recommendation Risk Assessment – DON-0003

Executability Risk

Investment Recoupment

- 0: Immediately self financing 0-1 years
- 1: Investment recoverable in 2-4 years
- 2: Investment is not recoverable in less than 4 years

Investment/Ratio of Initial Cost to 20 Year NPV

- 0: Initial investment < $100M and ratio is > 5 to 1
- 1: Initial investment < $200M and ratio is > 3 to 1
- 2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

- 0: Low direct/indirect job losses in community (<.1%)
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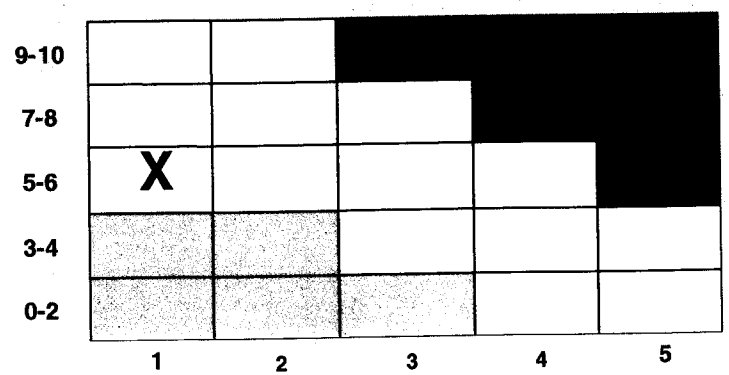
Issues: Require Some Duplication of Investment with split scenario

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low *Minor impact on mission capability*

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns: PACOM concern over lack of forward deployed MIW ships in theater

Department of the Navy

Infrastructure Analysis Team

Candidate Recommendation Risk Assessment – DON-0031

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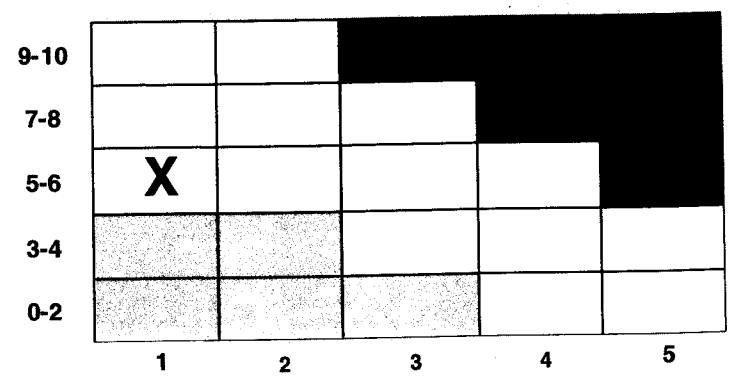

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COCOM Concerns: PACOM concern over lack of forward deployed MIW ships in theater

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Candidate Recommendation Risk Assessment – DON-0032

Executability Risk

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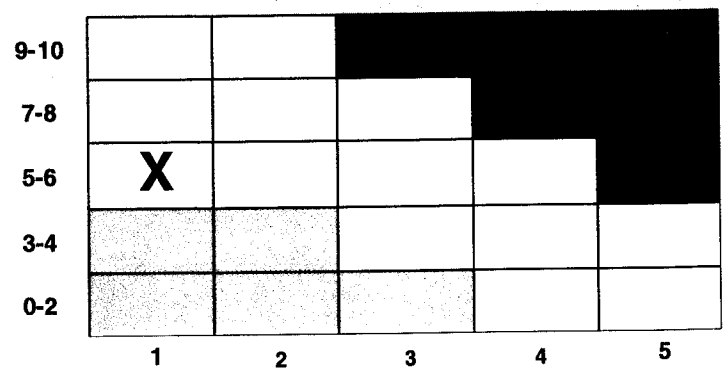
Issue: Single Site investment dependent upon # of ships

Risk Matrix



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COCOM Concerns: PACOM concern over lack of forward deployed MIW ships in theater

BACK-UP SLIDES

Scenario Description: DON-0032A

Same as DON-0032 except that the effect of POM-06[1] projected decommissioning of all MHCs by FY-08:

- **Relocate 10 MCMs and HSV-2[2] to Naval Station San Diego, CA, to include required personnel, equipment, and support.**

Note 1: COBRA run used adjusted personnel numbers to reflect the impact of starting the BRAC action with fewer personnel. Savings are not taken for the personnel eliminated from the decommissioned ships and any identified support personnel.

Note 2: Based on responses from DON-0003, 0031, and 0032, HSV-2 moves with MIW ships.

Due to reduced numbers of ships, only single site scenario considered

This scenario is based on POM-06 Budget and as such reflect currents budgetary planning with ship reductions that could possibly be legislatively restored.

ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0032	231.64	-60.25	4	-541.42
DON-0032A (POM-06)	140.50	-71.61	2	-772.89

All Dollars shown in Millions

Notes:

- DON-0032A reflects pre-BRAC decommissioning of 10 MHCs. This reduces the number of personnel transferred, and slightly increases the number of personnel eliminated.

Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0032	Eliminate	44	526	156		726
	Move	251	1576	133	129	2080
DON-0032A POM 06	Eliminate	47	580	173		800
	Move	198	1069	116	129	1512

Notes:

74 additional personnel can be eliminated as a result of the decommissioning of the 10 ships (SIMA, BOS personnel)

One-Time Costs/Savings Summary

One - Time Costs/Savings FY06 – FY11								
Scenario	Const costs	Pers costs	Ovhd costs	Move costs	Other costs	Total Costs	Total Svgs	Net (costs)
DON-0032	189.94	5.73	6.50	22.66	6.80	231.64	-3.56	228.08
DON-0032A POM-06	104.45	6.61	5.40	18.14	5.90	140.50	-2.54	137.96

All Dollars Shown in Millions

Notes:

Costs and Savings generally lower due to fewer personnel transferred, except for personnel costs, since more personnel are to be eliminated

MILCON Summary

Scenario: DON-0032A	NAVSTA San Diego, CA			
Construction FAC Description	UM	New	Rehab	Cost
Main Gate	LF	1		2.51
EMR Facility	EA	1		50
BQ	SF	42,582		16.31
Child Development Center	SF	14,100		6.35
Vehicle Parking	SY	29,743		12.57
TOTAL				87.73

All Dollars Shown in Millions

Notes:
Same as DON-0032, with following exceptions
- No additional pier space required to support move
- Smaller BQ, CDC, and Parking requirement

Recurring Costs/Savings Summary

Recurring Costs/Savings FY 06 – FY11						
Scenario	O&M costs	Mil Pers costs	Other costs	Total Costs	Total Svgs	Net (costs)
DON-0032	47.28	79.94	4.51	126.73	343.39	-216.66
DON-0032A POM-06	32.85	52.88	4.46	90.19	350.21	-260.01

All Dollars Shown in Millions

Notes:
O&M
1. Cost less due to fewer personnel Transferred

Military Personnel
1. Housing Allowance – fewer personnel transferred to higher BAH rate area

Key Elements of Recurring Savings

Scenario: DON-0032, -0032A		
Element	Description	Total Recurring Savings ($M) FY06-FY11
SRM*	Closed 0.77M SF of facilities	24.91
BOS*	Closed the base*	43.78 41.94
MIL/CIV Salaries/BAH*	Eliminated 726 Billets (0032) Eliminated 800 Billets (0032A)	272.85 281.50
Misc Recurring*	De-scope of A-76 retail supply contract at Corpus Christi and Ingleside	1.84

All Dollars Shown in Millions

Notes:

Recurring Net savings

Net savings generated by COBRA model include O&M (SRM, BOS, civ salary) and Military salary, which is reduced due to pers elimination.

*Starting BOS for 0032A lower due to pre-BRAC reductions in personnel

Candidate Recommendation Risk Assessment – DON-0032A

Executability Risk

Investment Recoupment

- 0: Immediately self financing 0-1 years
- 1: Investment recoverable in 2-4 years
- 2: Investment is not recoverable in less than 4 years

Investment/Ratio of Initial Cost to 20 Year NPV

- 0: Initial investment < $100M and ratio is > 5 to 1
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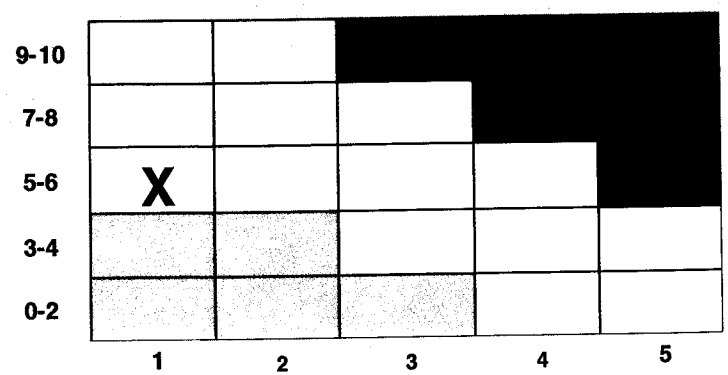
Issues:

Risk Matrix



Warfighting/Readiness Risk

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COCOM Concerns: PACOM concern over lack of forward deployed MIW ships in theater

TAB 12

Scenario DON-0033 & -0034 Close SUBASE New London CT Criterion 5 – COBRA (REV1)

10 January 2005

Jack Leather
CDR Steve Cincotta

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ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0033	653.2	-200.81	2	-1624.9
DON-0034	618.35	-195.66	2	-1556.0

All Dollars shown in Millions

Notes:

-Personnel numbers verified

-MILCON requirements and avoidance updated

-Industrial requirement at Kings Bay updated

-Medical JCSG not in favor of relocating to Panama City, FL

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Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0033	Eliminate	160	728	733		1621
	Move	459	4177	234	1697	6567
DON-0034	Eliminate	154	686	704		1544
	Move	462	4216	270	1697	6645

Notes:

5 Officers and 28 enlisted remain in New London

USS Nautilus Museum

SUPSHIP Electric Boat

Small compliment of personnel re-positioned to NAVSTA Newport RI, NAS Brunswick ME, and NAVWPNSTA Earle NJ

One-Time Costs/Savings Summary

One - Time Costs/Savings FY 06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0033	406.0	23.1	40.9	54.0	129.1	653.2	-14.8	638.4
DON-0034	416.2	21.9	40.9	50.3	89.0	618.4	-14.9	603.5

All Dollars Shown in Millions

Notes:

-Both Scenarios:

- **-$16.6M HAP**
- **-$33M buy-out of Susse-Chalet**
- **-$21M Anechoic Chamber for NSMRL txfr (may decrease with alt receiving site)**
- **-$9.5M for decommissioning and radiological survey of piers**

-DON-0033:

- **-$10.5M in non-MILCON modifications for electrical distribution and ARDM mooring at Kings Bay**
- **-$8.1M for water system upgrades in Kings Bay**
- **-$6.9M for Ship Class Control Trainer at Kings Bay**
- **-$4.5M for barracks furnishings at Kings Bay**
- **-$6M emergent dry-dock requirement in NLON for Norfolk bound subs**

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MILCON Summary

Scenario: DON-0033	SUBASE KINGS BAY GA			
Construction FAC Description	UM	New	Rehab	Cost
1712 – APPLIED INSTRUCTION BUILDING	SF	269K		56.9
1721 – SIMULATOR FACILITY (TTF)	SF	147K		32.6
7210 – ENLISTED BARRACKS	SF	286K		51.7
1511 – PIER	SY	5.6K		11.1
6100- General Admin Building	SF	60.3K		10.1
8261-Refrigeration and AC Source	TR	10K		21.4
OTHER				46.9
TOTAL				230.7

Note: All Dollars Shown in Millions

Notes: 28 Total MILCON projects

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MILCON Summary

Scenario: DON-0033	NAVSTA NORFOLK VA			
Construction FAC Description	UM	New	Rehab	Cost
1511- Pier 1	SY	15.5K		68
7210 – ENLISTED BARRACKS	SF	300K		51.5
8521 – Parking (Garage)	SY	24.4		20
1712 – Applied Instruction Building	SF	30K		6
OTHER				15
TOTAL				160.5

Note: All Dollars Shown in Millions

Notes: Child Care Center and Rec Center ~ $3M

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MILCON Summary

Scenario: DON-0034	NAVSTA NORFOLK VA			
Construction FAC Description	**UM**	**New**	**Rehab**	**Cost**
1511 – PIER 1	SY	15.5K		68.0
1712 – APPLIED INSTRUCTION BUILDING	SF	433K		87.0
7210 – Enlisted Barracks (3)	SF	900K		154.6
8521 – Parking	SY	135K		50.5
OTHER				41.3
TOTAL				401.4

Note: All Dollars Shown in Millions

Notes: Various admin buildings, CDC, and Rec Center

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MILCON Summary

Scenario: DON-0033 and DON-0034	NAVSUPPACT PANAMA CITY FL			
Construction FAC Description	UM	New	Rehab	Cost
3101 – RDT&E LABORATORY	SF	40K		14.9
TOTAL				14.9

Note: All Dollars Shown in Millions

Notes: Initial consideration by MJCSG = too expensive

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Recurring Costs/Savings Summary

Recurring Costs/Savings FY 06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0033	96.5	56.6	13.1	166.2	-513.1	-346.9
DON-0034	63.7	46.1	2.5	112.3	-393.4	-281.1

All Dollars Shown in Millions

Notes:

-<u>Other Costs:</u>

-DON-0033

- -$9.1M for contract expansions in Kings Bay
- -Includes $356K/yr as delta for SRA workload in Kings Bay

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Key Elements of Recurring Savings

Scenario: DON-0033 DON-0034		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
SRM*	Closed facilities	91.64 85.95
BOS*	Eliminated Submarine Homeport function	25.33 19.76
MIL/CIV Salaries/BAH*	Billets Eliminated	264.60 195.97
Miscellaneous Recurring Savings	NRMD contract	117.85 77.01

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DON-0033 Candidate Recommendation Risk Assessment

Executability Risk

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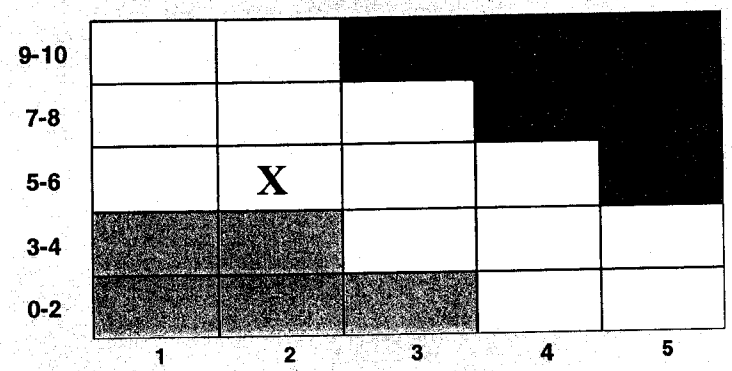
Issues: see issue slide

Risk Matrix



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COCOM Concerns:

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DON-0034 Candidate Recommendation Risk Assessment

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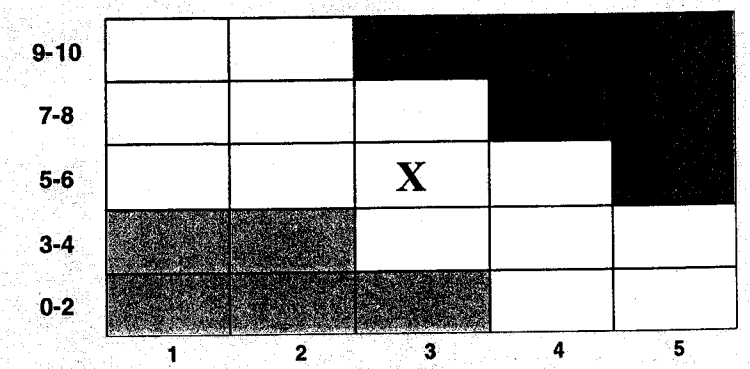

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COCOM Concerns:

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DON-0033 / DON-0034 Issues

- Significant impact on the economy of CT
- Strategic placement of SSNs in 2 vs. 1 east cost homeport
- Elimination of medical personnel to account for TRICARE costs (same for both scenarios)
- Norfolk loading
- OPNAV N41 indicates K-18 ARC waiver not an issue in Kings Bay

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BACK-UP SLIDES

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SUBASE NEW LONDON,CT

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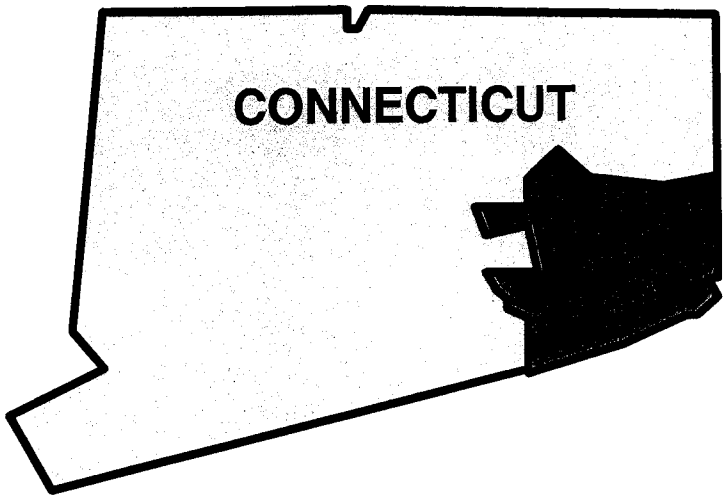
Criterion Six – Economic Impact
DON0033, SUBASE New London, Losing

Norwich-New London, Connecticut Metropolitan Statistical Area (35980)

Counties: New London



Overall Economic Impact of Proposed BRAC-05 Action:

ROI population(02)	262,138
ROI employment (02)	168,620
Authorized Manpower (05)	10,707
Manpower(05) /employment(02)	6.35%
Total estimated Job Change	-15,907
Job change/employment (02)	–9.43%

ISSUES:

Employment decrease greater than 1%

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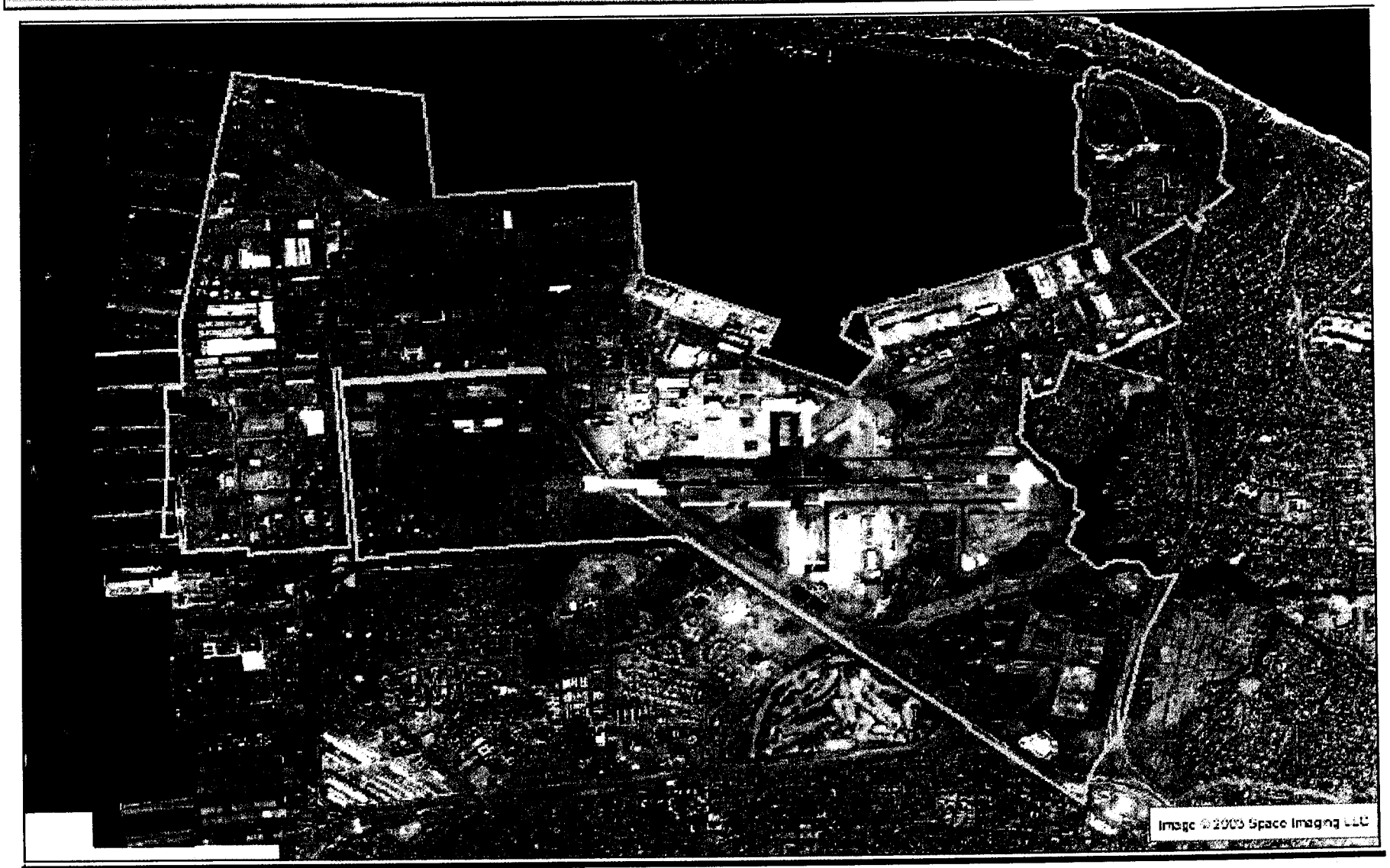
NAVSTA NORFOLK, VA



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SUBASE KINGS BAY, GA

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DON-0033
Scenario Description

- Close SUBASE NEW LONDON CT
- Relocate SSNs to SUBASE KINGS BAY GA and NS NORFOLK VA
  - 6 SSNs (688 CIs) to Kings Bay in 2008
  - 11 SSNs (Seawolf/688 mix) to Norfolk in 2010 & 2011
- Relocate COMSUBGRU TWO to NS NORFOLK VA
- Relocate NAVSUBSCOL to SUBASE KINGS BAY GA and consolidate with SUBTRAFAC NORFOLK VA
- Relocate CENSUBLEARNING to SUBASE KINGS BAY GA
- Relocate Naval Undersea Medical Institute to NSHS PORTSMOUTH VA
- Co-locate Naval Submarine Medical Research Laboratory with NAVXDIVINGU PANAMA CITY FL
- Consolidate NSGA GROTON CT with NSGA NORFOLK VA
- Consolidate SSN intermediate repair function of NAVSUBSUPFAC NEW LONDON CT with TRF KINGS BAY GA, SIMA NORFOLK VA and NSY NORFOLK VA
- Disestablish Naval Ambulatory Care Center Groton CT
- Disestablish COMNAVREG NE and realign installation management function to COMNAVREG MEDLANT

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DON-0034
Scenario Description

- Close SUBASE NEW LONDON CT
- Disestablish COMNAVREG NE and realign installation management function with COMNAVREG MIDLANT
- Disestablish Naval Ambulatory Care Center Groton CT
- Relocate 17 SSNs to NS NORFOLK VA
  - 8 subs FY10
  - 9 subs F11
- Relocate COMSUBGRU TWO to NS NORFOLK VA
- Relocate CENSUBLEARNING to NS NORFOLK VA
- Relocate Naval Undersea Medical Institute to NSHS PORTSMOUTH VA
- Co-locate Naval Submarine Medical Research Laboratory with NAVXDIVINGU PANAMA CITY FL
- Consolidate NAVSUBSCOL with SUBTRAFAC NORFOLK VA
- Consolidate NSGA GROTON CT with NSGA NORFOLK VA
- Consolidate SSN intermediate repair function of NAVSUBSUPFAC NEW LONDON CT with SIMA NORFOLK VA and NSY NORFOLK VA

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TAB 13

Scenario DON-0006A & -0007 Close SUBASE San Diego CA Criterion 5 – COBRA (REV 1)

10 January 2005

Jack Leather
CDR Steve Cincotta

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DON-0006A
Scenario Description

- Close that portion of NS POINT LOMA CA known as SUBASE SAN DIEGO CA
- Relocate 4 SSNs and ARCO to NS PEARL HARBOR HI
  - 2 SSN in FY06
  - 2 SSN in FY07
- Relocate MSCPAC SAN DIEGO CA to NS SAN DIEGO CA
- Relocate NSHS NDAC SCHOOL SAN DIEGO CA and NOMI DET SWMI SAN DIEGO CA to NAVMEDCEN SAN DIEGO CA
- Relocate NAVMEDCEN (SARP) SAN DIEGO CA to MCRD SAN DIEGO CA
- Consolidate NSY and IMF PUGET SOUND DET POINT LOMA CA with NSY and IMF PEARL HARBOR HI
- Consolidate SIMA SAN DIEGO CA with NSY and IMF PEARL HARBOR HI
- Consolidate NAVWPNSTA SEAL BEACH CA DET SAN DIEGO CA with NAVMAG PEARL HARBOR HI
- Consolidate Naval Submarine Training Center Pacific DET San Diego CA with Naval Submarine Training Center Pacific Pearl Harbor HI
- Consolidate FISC SAN DIEGO CA with FISC PEARL HARBOR HI
- Retain Naval Special Clearance Team One complex, NUWC DET SAN DIEGO CA, and FISC Fuel Farm as enclaves.

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DON-0007
Scenario Description

- Close that portion of NS POINT LOMA CA known as SUBASE SAN DIEGO CA
- Relocate 4 SSNs and ARCO in FY10 to NS SAN DIEGO CA
- Relocate MSCPAC SAN DIEGO CA, NSY and IMF PUGET SOUND DET POINT LOMA CA, and Naval Submarine Training Center Pacific DET San Diego CA to NS SAN DIEGO CA
- Relocate NSHS NDAC SCHOOL SAN DIEGO CA and NOMI DET SWMI SAN DIEGO CA to NAVMEDCEN SAN DIEGO CA
- <u>Relocate NAVMEDCEN (SARP) SAN DIEGO CA to MCRD SAN DIEGO CA</u>
- Relocate NAVWPNSTA SEAL BEACH CA DET SAN DIEGO CA to NAS NORTH ISLAND CA
- Retain Naval Special Clearance Team One complex, NUWC DET SAN DIEGO CA, and FISC Fuel Farm as enclaves.

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ROI Summary

Scenario	One-Time Costs	Steady-State Savings	ROI Years	20 Year NPV
DON-0006A (Pearl Harbor)	110.54	-29.05	2	-298.86
DON-0007 (San Diego)	300.21	--18.86	16	+66.34

All Dollars shown in Millions

Notes:

-$38M to REHAB wharves in Pearl Harbor

-$231.4M in MILCON at NS San Diego

-$14.4M in replacement buildings at NB Point Loma

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Disposition of Billets/Positions

Scenario		OFF	ENL	CIV	STU	TOT
DON-0006A (Pearl Harbor)	Eliminate	3	99	141		243
	Move	110	1,121	211	897	2339
DON-0007 (San Diego)	Eliminate	0	94	137		231
	Move	113	1,113	216	897	2339

Fewer eliminations in SD to SD scenario (fewer consolidations)

SD to PH scenario takes into consideration SD personnel outside of SUBASE SD

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One-Time Costs/Savings Summary

One - Time Costs/Savings FY 06 – FY11								
Scenario	Const	Pers	Ovhd	Move	Other	Total Costs	Svgs	Net Costs
DON-0006A (Pearl Harbor)	79.66	3.60	2.10	10.32	14.23	110.00	-1.99	108.55
DON-0007 (San Diego)	269.05	4.13	2.93	4.62	19.48	300.21	0.0	300.21

All Dollars Shown in Millions

Notes:

-Both Scenarios:

- -$14.1M MILCON for Sub Base Point Loma
- -$3.8M for radiological surveys

-DON-0006A:

- -$54M MILCON at Pearl Harbor

-DON-0007

- -$4.6M at NAS North Island
- -$2M environmental non-MILCON as NAVSTA SD

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MILCON Summary

Scenario: DON-0006A	NAVSTA PEARL HARBOR HI			
Construction FAC Description	UM	New	Rehab	Cost
1512 – WHARF	SY		47.2K	38.3
7210 – ENLISTED BARRACKS	SF	24.8K		7.5
6100 – General Admin Building	SF		17543	3.1
OTHER				5.3
TOTAL				54.2

Note: All Dollars Shown in Millions

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MILCON Summary

Scenario: DON-0007	NAVSTA SAN DIEGO CA			
Construction FAC Description	UM	New	Rehab	Cost
1511 – PIER	SY	29.8K		76.3
7210 – ENLISTED BARRACKS	SF	114K		43.2
8521 – VEHICLE PARKING	SY			51.0
2136 – NUCLEAR REPAIR SHOP	SF	19K		22.0
1721-Simulator Facility	SF	60577		15.4
Other				23.5
TOTAL				231.4

Note: All Dollars Shown in Millions

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MILCON Summary

Scenario: DON-0006A, 7	NAVBASE POINT LOMA			
Construction FAC Description	UM	New	Rehab	Cost
New Base HQ Complex	SF	18,700		3.70
Gates for Enclaves	Ea	4		1.38
Pass Office	SF	1200		0.25
7210 – ENLISTED BARRACKS	SF	28,800		6.15
OTHER				2.88
TOTAL				14.36

Note: All Dollars Shown in Millions

Notes:

Replaces building is shutdown section of Base needed for base management and support of tenants outside the closed section

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MILCON Summary

Scenario: DON-0006A,7	MCRD SAN DIEGO			
Construction FAC Description	UM	New	Rehab	Cost
7314 – Drug and Alcohol Abuse Center	SF	30.15K		6.3
TOTAL				6.3

Note: All Dollars Shown in Millions

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Recurring Costs/Savings Summary

Recurring Costs/Savings FY 06 – FY11						
Scenario	O&M	Mil Pers	Other	Total Costs	Svgs	Net Costs
DON-0006A (Pearl Harbor)	55.92	58.09	9.71	123.72	-268.78	-145.06
DON-0007 (San Diego)	28.88	0	2.72	30.60	-65.05	-34.45

All Dollars Shown in Millions

Notes:

-<u>Other Costs:</u>

-Both Scenarios:

- -$8M ($2.7M for FY10 start) NSHS student berthing at NMC San Diego
- -$1M increase COMS contract at NAVSUBTRACEN PH for simulators

-DON-0006A

- -$5M Savings includes 1-time procurement cost avoidance of SMMTT3 Attack Trainer

-DON-0007

- -No personnel moving to higher cost area

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Key Elements of Recurring Savings

Scenario: DON-0006A (Pearl) DON-0007 (San Diego)		
Element (* indicates recurring savings will occur to year 2025)	**Description**	**Total Net Savings ($M) FY06-FY11**
SRM*	Closed facilities	41.19 26.55
BOS*	Eliminated Submarine Homeport function	14.80 10.20
MIL/CIV Salaries/BAH*	Eliminated 243 Billets (in FY06-07) Eliminated 241 Billets (in FY10-11)	144.09 27.07
Misc Recurring Savings	PSNSY Travel No longer required for Maintenance* (for DON-0006A only)	55.00

Notes:

- Differences in BOS and SRM savings attributed to different closure years

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Scenario Issues

- **Strategic access point to San Diego harbor**
  - **AT/FP concerns**
  - **Littoral training area**
- **Loss of deep draft berth**
- **NAS North Island submarine berths for weapon load out only**
  - **No utilities**
- **NAVSTA SAN DIEGO growth / multiple scenarios**

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Scenario DON-0006A
Close SUBASE San Diego, CA; Relocate SSNs to Pearl Harbor, HI
Criteria 6 - 8

10 January 2005

Jack Leather
CDR Margy Carlson

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Criterion Six – Economic Impact
DON0006A, NB Point Loma, Losing

San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area (41740)

Counties: San Diego

Overall Economic Impact of Proposed BRAC-05 Action:

ROI population(02)	2,904,687
ROI employment (02)	1,806,321
Authorized Manpower (05)	12,102
Manpower(05) /employment(02)	0.67%
Total estimated Job Change	-4312
Job change/employment (02)	–0.24%

ISSUES:

None

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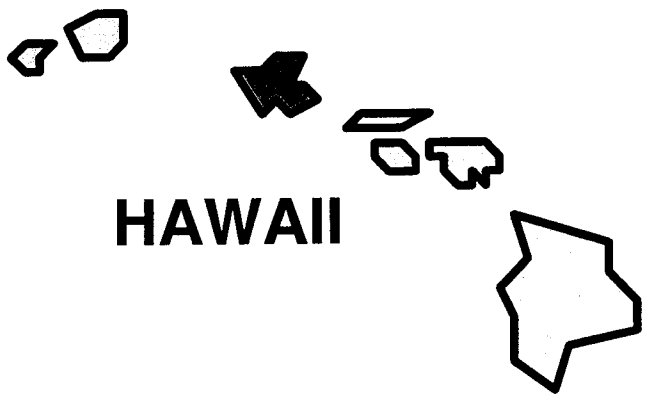
Criterion Six – Economic Impact
DON0006A, NS Pearl Harbor, Receiving

Honolulu, Hawaii Metropolitan Statistical Area (26180)

Counties: Honolulu



Overall Economic Impact of Proposed BRAC-05 Action:

ROI population(02)	892,562
ROI employment (02)	573,389
Authorized Manpower (05)	40,537
Manpower(05) /employment(02)	7.07%
Total estimated Job Change	+2,087
Job change/employment (02)	+0.38%

ISSUES:

None

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Criterion Six – Economic Impact
DON0006A, NS San Diego, Losing

San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area (41740)

Counties: San Diego

Overall Economic Impact of Proposed BRAC-05 Action:

ROI population(02)	2,904,687
ROI employment (02)	1,806,321
Authorized Manpower (05)	63,432
Manpower(05) /employment(02)	3.51%
Total estimated Job Change	-210
Job change/employment (02)	–0.01%

ISSUES:

None

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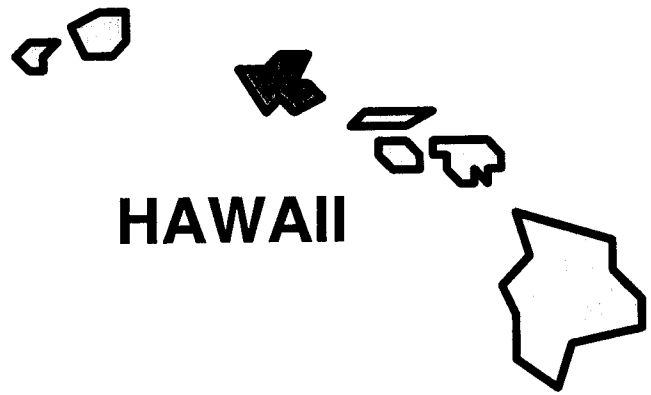
Criterion Six – Economic Impact
DON0006A, NAVMAG Pearl Harbor, Receiving

Honolulu, Hawaii Metropolitan Statistical Area (26180)

Counties: Honolulu



Overall Economic Impact of Proposed BRAC-05 Action:

ROI population(02)	892,562
ROI employment (02)	573,389
Authorized Manpower (05)	149
Manpower(05) /employment(02)	0.03%
Total estimated Job Change	+16
Job change/employment (02)	0 %

ISSUES:

None

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Criterion Seven – Community Infrastructure
NAVBASE Point Loma

"The ability of both the existing and potential receiving communities infrastructure to support forces, missions, personnel"

Attributes Considered:

Demographics	✔
Child Care	✔
Cost of Living	✔
Education	✔
Employment	✔
Housing	✔
Medical Providers	✔
Safety/Crime	✔
Transportation	✔
Utilities	✔

Data Call Input/Comment ✔
(Additional data requested in scenario data call)

Detailed Community Infrastructure Data Shown in Back-up*

**Data obtained from JPAT SEVEN DETAILED NARRATIVE REPORT of 24 November 2004*

NAVBASE Point Loma Input

- "Identify any infrastructure impact on the community at the losing or receiving activity that may result from this scenario that warrant further consideration or haven't been included in the costs associated with this response as it applies to your activity." (#DON043)
- No additional comments provided.

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Criterion Seven – Community Infrastructure
NS Pearl Harbor

"The ability of both the existing and potential receiving communities infrastructure to support forces, missions, personnel"

Attributes Considered:

- Demographics ✔
- Child Care ✔
- Cost of Living ✔
- Education ✔
- Employment ✔
- Housing ✔
- Medical Providers ✔
- Safety/Crime ✔
- Transportation ✔
- Utilities ✔

Data Call Input/Comment ✔
(Additional data requested in scenario data call)

Detailed Community Infrastructure Data Shown in Back-up*

**Data obtained from JPAT SEVEN DETAILED NARRATIVE REPORT of 24 November 2004*

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NS Pearl Harbor Input

- "Identify any infrastructure impact on the community at the losing or receiving activity that may result from this scenario that warrant further consideration or haven't been included in the costs associated with this response as it applies to your activity." (#DON043)
- No additional comments provided.

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Criterion Seven – Community Infrastructure
NS San Diego

"The ability of both the existing and potential receiving communities infrastructure to support forces, missions, personnel"

Attributes Considered:

- Demographics ✔
- Child Care ✔
- Cost of Living ✔
- Education ✔
- Employment ✔
- Housing ✔
- Medical Providers ✔
- Safety/Crime ✔
- Transportation ✔
- Utilities ✔

Data Call Input/Comment ✔
(Additional data requested in scenario data call)

Detailed Community Infrastructure Data Shown in Back-up*

**Data obtained from JPAT SEVEN DETAILED NARRATIVE REPORT of 24 November 2004*

NS San Diego Input

- *"Traffic congestion associated with base loading is a major concern for the surrounding communities. Increase in vehicular traffic will impact including major access routes into downtown San Diego during commuting hours (Harbor Blvd, I-5, and I-15. Base entry points are already congested during peak hours and frequently bring local traffic to a stand still. NBSD has previously submitted a MILCON (P-439, $2.5M) that will provide some relief to the community by streamlining base entry at main gate -- a major choke point at the intersection of Harbor Blvd and 32nd Street which affects the highway access ramps for I-15 and I-5."*

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Criterion Seven – Community Infrastructure
NAVMAG Pearl Harbor

"The ability of both the existing and potential receiving communities infrastructure to support forces, missions, personnel"

Attributes Considered:

Demographics	✔
Child Care	✔
Cost of Living	✔
Education	✔
Employment	✔
Housing	✔
Medical Providers	✔
Safety/Crime	✔
Transportation	✔
Utilities	✔

Data Call Input/Comment ✔
(Additional data requested in scenario data call)

Detailed Community Infrastructure Data Shown in Back-up*

**Data obtained from JPAT SEVEN DETAILED NARRATIVE REPORT of 24 November 2004*

NAVMAG Pearl Harbor Input

- "Identify any infrastructure impact on the community at the losing or receiving activity that may result from this scenario that warrant further consideration or haven't been included in the costs associated with this response as it applies to your activity." (#DON043)
- No additional comments provided.

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General Environmental Issue:

- **Air-** In attainment. No criterion 8 impact.
- **Dredging -** Additional dredging necessary; impediments exist; upland disposal cell may be required.
- **Land Use Constraints-** Ford Island Development Plan will support new mission.
- **Marine Mammals/Sanctuaries -** Hawaiian Islands Humpback Whale National Marine Sanctuary established and Northwestern Hawaiian Islands Coral Reef Ecosystem is currently in the process of being designated a National Marine Sanctuary. Informal consultation may be required. No impact if mission and training similar to current ops.
- **TES-** Present but no anticipated impacts.
- **No Criterion 8 Environmental Impact from other areas.**
  - Refer to SSEI for specifics

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Naval Station Pearl Harbor
DON-0006A Receiving Installation
(SUBASE San Diego Closed)

Impacts of Costs:

Selection Criterion 8 Environmental Points	SUBASE San Diego (Installation Closed)	Naval Station Pearl Harbor (Installation Gaining Functions)
Environmental Restoration	DERA costs: $24.9M thru FY03; CTC $53.4M	DERA costs: $58.6M thru FY03; CTC $27.2M
Waste Management	$10K Flushing and certification of Hazardous Waste tank supporting MK 48 torpedo flushing operations.	$4.4K Lab Analysis $42.6K Shipment of samples for characterization $237.6K Shipment of mixed waste for treatment and disposal. $120K Dockside Chlorination Units $838K Industrial process waste waters $145K Solid waste disposal $1.8M Hazardous waste disposal $1.7M Shipment of cuprous oxide waste for burial
Environmental Compliance	$3.7M Radiological Survey	$4.4 K Air permit fees $2K NPDES permit application filing fee (every 4 yrs)

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DON-0006A Candidate Recommendation Risk Assessment

Executability Risk

Investment Recoupment

- 0: Immediately self financing 0-1 years
- 1: Investment recoverable in 2-4 years
- 2: Investment is not recoverable in less than 4 years

Investment/Ratio of Initial Cost to 20 Year NPV

- 0: Initial investment < $100M and ratio is > 5 to 1
- 1: Initial investment < $200M and ratio is > 3 to 1
- 2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

- 0: Low direct/indirect job losses in community (<.1%)
- 1: Some direct/indirect job losses in community (>.1% and < 1%)
- 2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

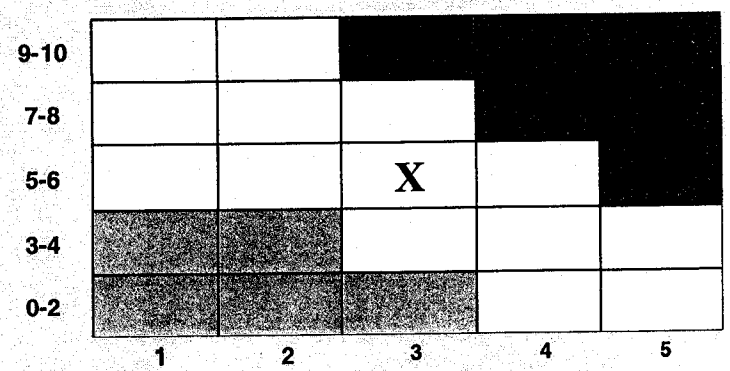
- 0: Receiving site community(ies) readily able to absorb forces, missions, personnel
- 1: Some potential impact on receiving site community(ies) but absorption likely over time
- 2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

Environmental Impact

- 0: Minimal impact at receiving site or no risk of executability
- 1: Mitigation at receiving site required but possible
- 2: Complex mitigation at receiving site probable; uncertainty about executability

ISSUES: see issues slide

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low *Minor impact on mission capability*

(2-3) Medium Reduced flexibility, but still mission capable

(4-5) High Significant impact, approaching point impact which affects capability to support/deploy forces

COCOM Concerns:

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Department of the Navy
DON Analysis Group

Candidate Recommendation Risk Assessment (DON-0007)

Executability Risk

Investment Recoupment

0: Immediately self financing 0-1 years
1: Investment recoverable in 2-4 years
2: Investment is not recoverable in less than 5 years

Investment/Ratio of Initial Cost to 20 Year NPV

0: Initial investment < $100M and ratio is > 5 to 1
1: Initial investment < $200M and ratio is > 3 to 1
2: Initial investment > $200M or ratio is < 3 to 1

Economic Impact

0: Low direct/indirect job losses in community (<.1%)
1: Some direct/indirect job losses in community (> 1% and < 1%)
2: Greater potential economic effect on community due to single action or cumulative effort of all actions (>1%)

Community Infrastructure Impact

0: Receiving site community(ies) readily able to absorb forces, missions, personnel
1: Some potential impact on receiving site community(ies) but absorption likely over time
2: Impact on receiving community likely; uncertainty regarding absorption of forces, missions, personnel

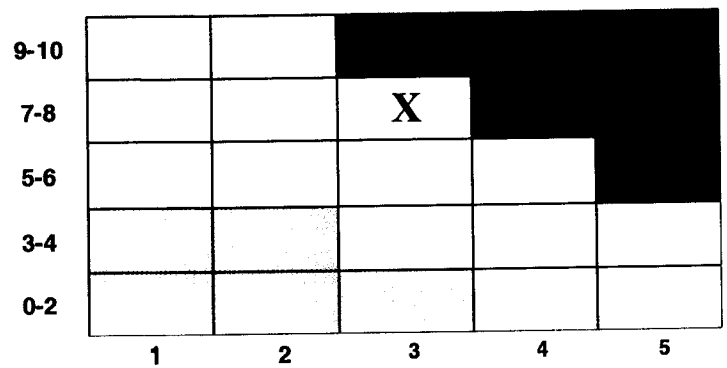
Environmental Impact

0: Minimal impact at receiving site or no risk of executability
1: Mitigation at receiving site required but possible
2: Complex mitigation at receiving site probable; uncertainty about executability

Issues:

Loss of Strategic Location at San Diego Harbor

Risk Matrix



Warfighting/Readiness Risk

(0-1) Low Minor impact on mission capability

(2-3) ***Medium Reduced flexibility, but still mission capable***

(4-5) High Significant impact, approaching point which affects capability to support/deploy forces

COCOM Concerns: **PACOM does not concur; retain for response capability**

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Economic Impact Report

This report depicts the economic impact of the following Scenarios:

DON0006A: Close SUBASE San Diego

The data in this report is rolled up by Action

As of: Thu Dec 30 16:00:22 EST 2004

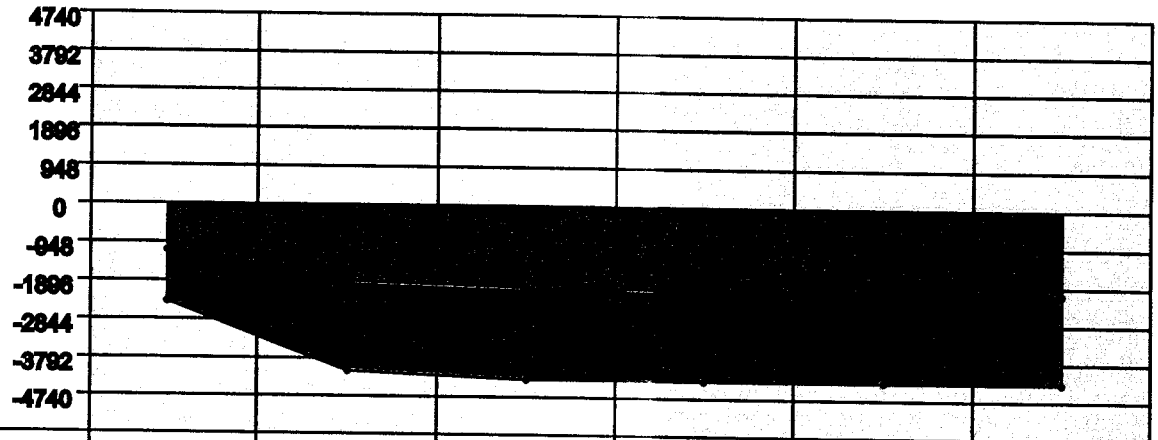
ECONOMIC IMPACT DATA

Scenario: Close SUBASE San Diego
Economic Region of Influence(ROI): San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area
Base: NAVBASE POINT LOMA
Action: SUBASE San Diego Close

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	2,904,687
ROI Employment (2002):	1,806,321
Authorized Manpower (2005):	12,102
Authorized Manpower(2005) / ROI Employment(2002):	0.67%
Total Estimated Job Change:	-4,312
Total Estimated Job Change / ROI Employment(2002):	-0.24%

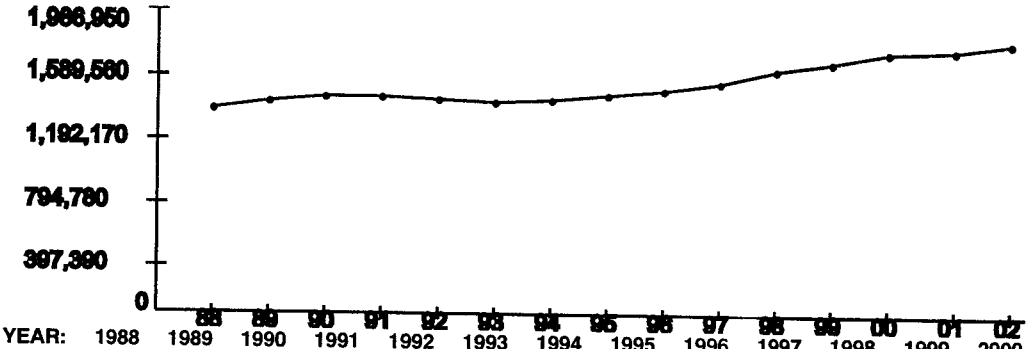
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	-370	-651	-8	0	0	0
Direct Civilian:	-22	-190	-91	0	0	0
Direct Student:	-875	-22	0	0	0	0
Direct Contractor:	-1	-12	0	0	0	0
Cum Indir/Induc:	-1144	-1965	-2070	-2070	-2070	-2070
Cum Total:	-2412	-4108	-4312	-4312	-4312	-4,312

San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area Trend Data

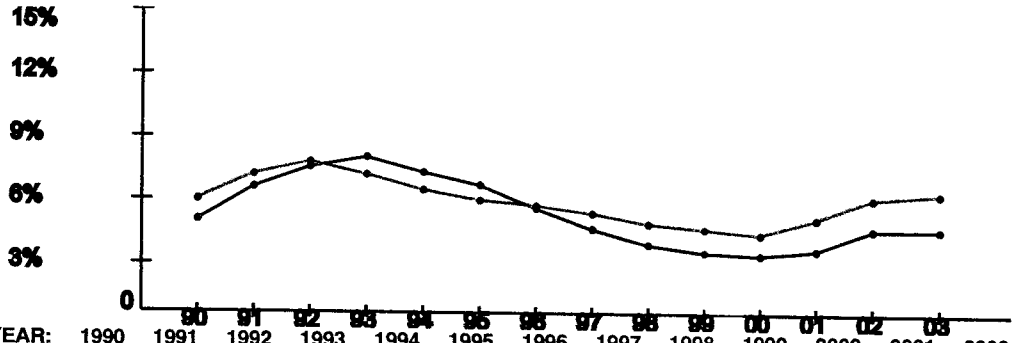
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.04	1.06	1.06	1.04	1.04	1.05	1.07	1.1	1.13	1.19	1.23	1.28	1.29	1.33

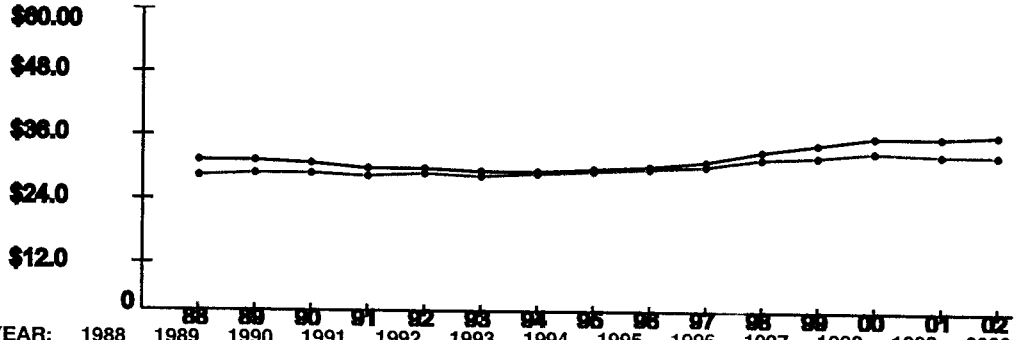
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.6%	6.21%	7.23%	7.74%	7.03%	6.37%	5.26%	4.22%	3.51%	3.08%	3%	3.24%	4.28%	4.26%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$29.78	$30.01	$29.35	$28.6	$28.63	$28.21	$28.17	$28.41	$29.14	$30.03	$32.16	$33.39	$35.04	$35.25	$35.67
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

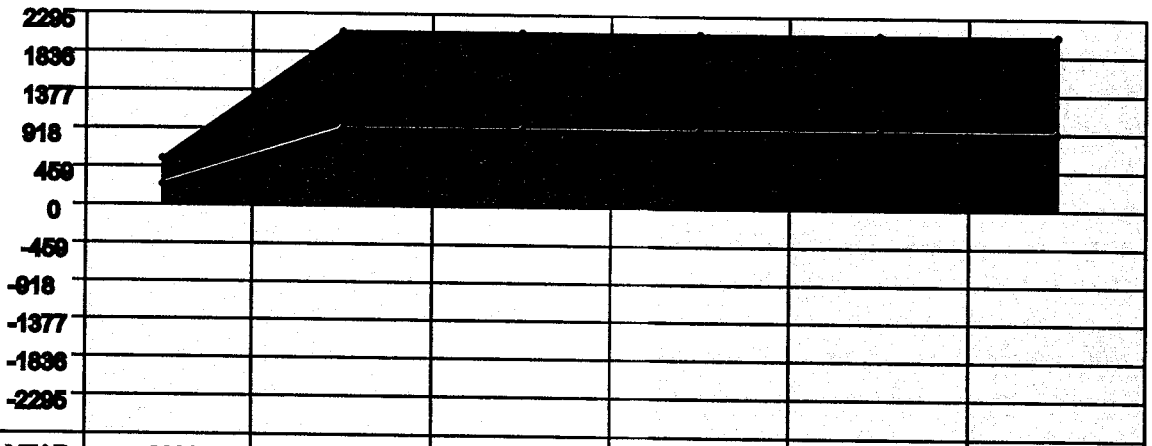
ECONOMIC IMPACT DATA

Scenario: Close SUBASE San Diego
Economic Region of Influence(ROI): Honolulu, HI Metropolitan Statistical Area
Base: NAVSTA PEARL HARBOR
Action: NS Pearl Harbor Receiving

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:	2,087
Total Estimated Job Change / ROI Employment(2002):	0.36%

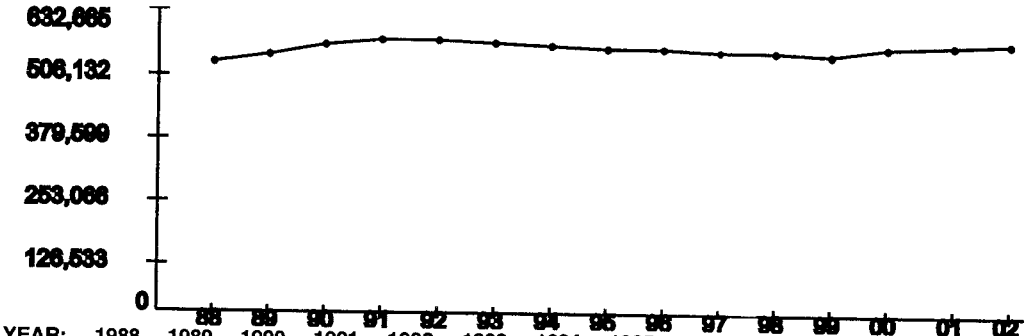
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	303	781	0	0	0	0
Direct Civilian:	6	62	0	0	0	0
Direct Student:	0	22	0	0	0	0
Direct Contractor:	0	5	0	0	0	0
Cum Indir/Induc:	235	908	908	908	908	908
Cum Total:	544	2087	2087	2087	2087	2,087

Honolulu, HI Metropolitan Statistical Area Trend Data

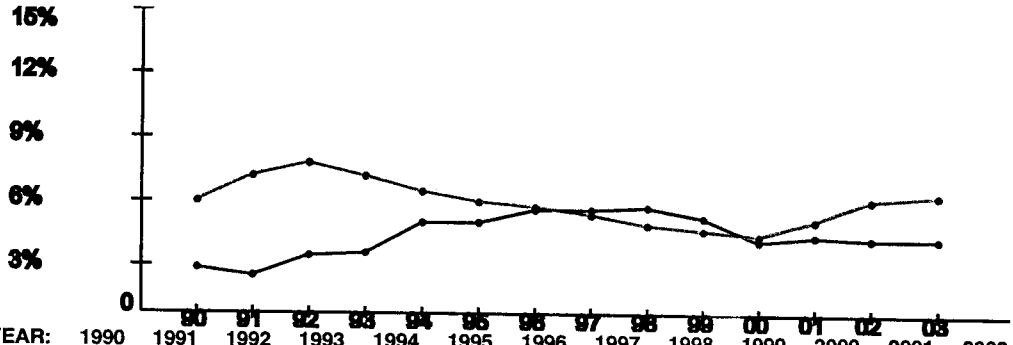
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.03	1.06	1.09	1.09	1.08	1.07	1.06	1.05	1.05	1.05	1.04	1.06	1.07	1.08

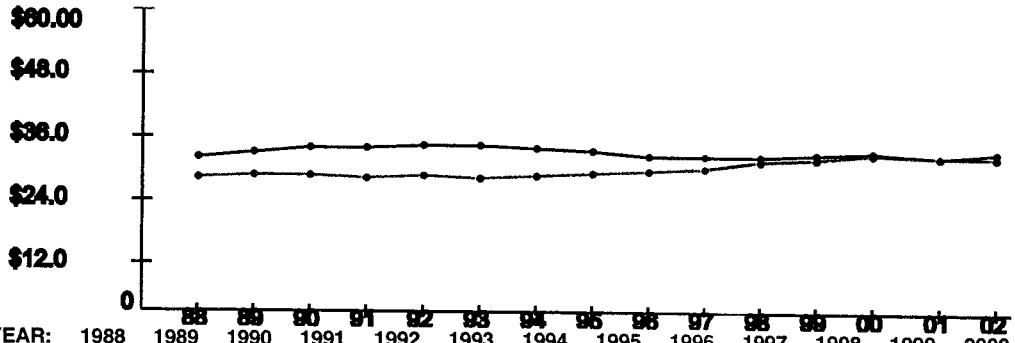
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	2.34%	2.05%	2.99%	3.08%	4.64%	4.59%	5.29%	5.29%	5.37%	4.93%	3.74%	4.04%	3.88%	3.87%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.8	$32.18	$33.17	$32.94	$33.73	$33.4	$32.81	$32.28	$31.39	$31.5	$31.53	$31.8	$32.46	$31.68	$32.43
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

As of: Thu Dec 30 1 00:00 EST 2014

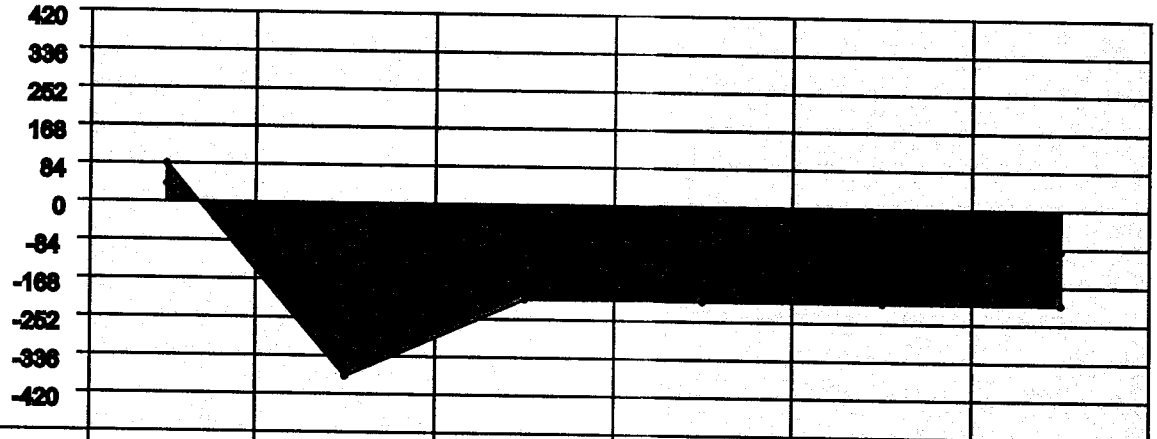
ECONOMIC IMPACT DATA

Scenario: Close SUBASE San Diego
Economic Region of Influence(ROI): San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area
Base: NAVSTA SAN DIEGO
Action: NS San Diego Receiving

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	2,904,687
ROI Employment (2002):	1,806,321
Authorized Manpower (2005):	63,432
Authorized Manpower(2005) / ROI Employment(2002):	3.51%
Total Estimated Job Change:	-210
Total Estimated Job Change / ROI Employment(2002):	-0.01%

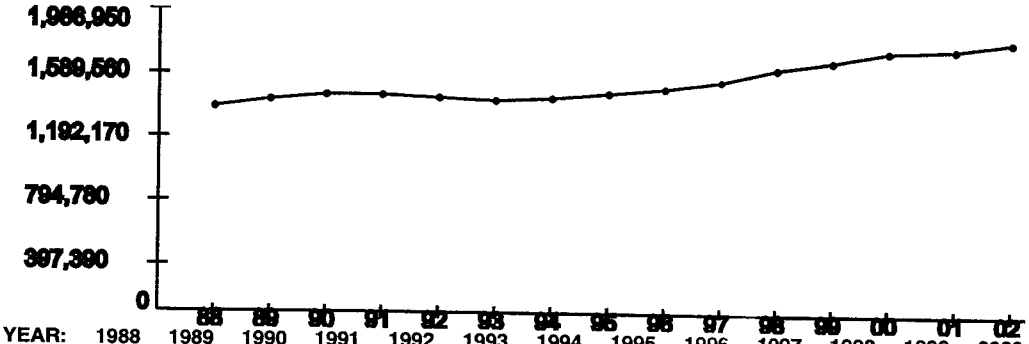
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	44	-241	0	0	0	0
Direct Civilian:	0	-4	82	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	1	0	0	0
Cum Indir/Induc:	40	-181	-92	-92	-92	-92
Cum Total:	84	-382	-210	-210	-210	-210

San Diego-Carlsbad-San Marcos, CA Metropolitan Statistical Area Trend Data

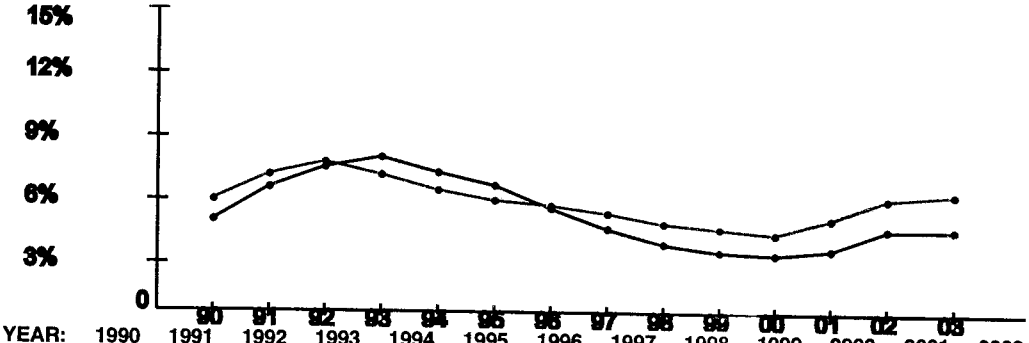
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.04	1.06	1.06	1.04	1.04	1.05	1.07	1.1	1.13	1.19	1.23	1.28	1.29	1.33

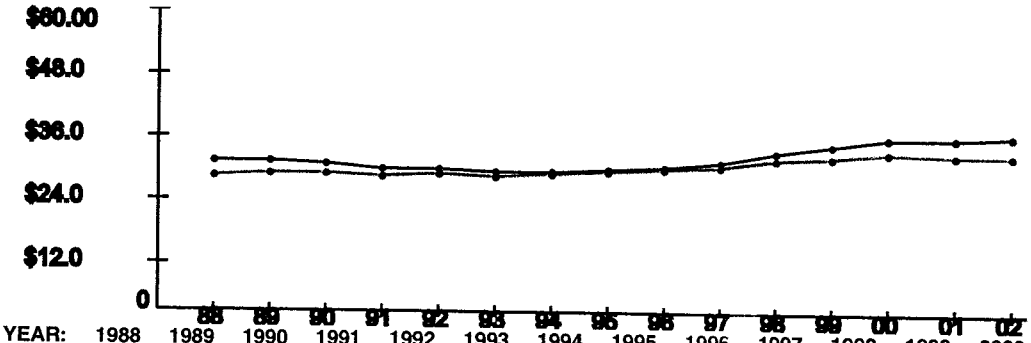
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	4.6%	6.21%	7.23%	7.74%	7.03%	6.37%	5.26%	4.22%	3.51%	3.08%	3%	3.24%	4.28%	4.26%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$29.78	$30.01	$29.35	$28.6	$28.63	$28.21	$28.17	$28.41	$29.14	$30.03	$32.16	$33.39	$35.04	$35.25	$35.67
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

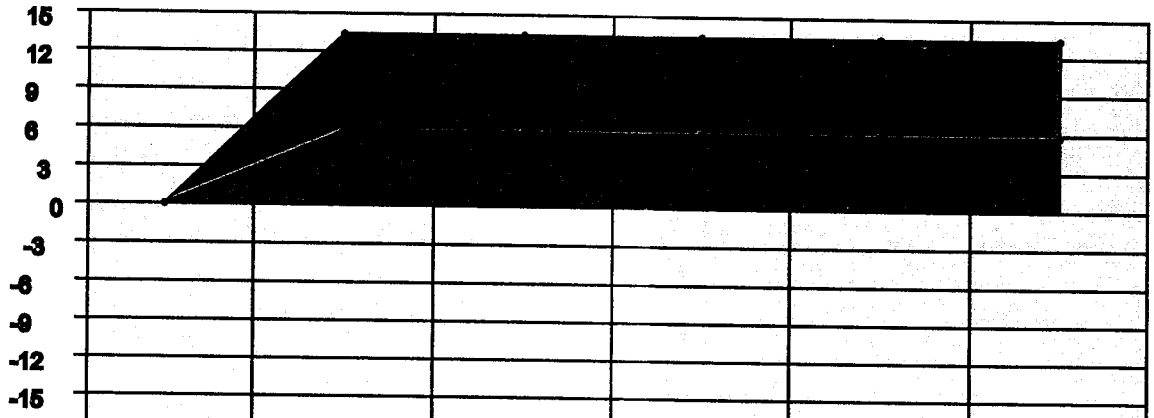
ECONOMIC IMPACT DATA

Scenario: Close SUBASE San Diego
Economic Region of Influence(ROI): Honolulu, HI Metropolitan Statistical Area
Base: NAVMAG PEARL HARBOR
Action: NAVMAG Pearl Receives

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	892,562
ROI Employment (2002):	573,389
Authorized Manpower (2005):	149
Authorized Manpower(2005) / ROI Employment(2002):	0.03%
Total Estimated Job Change:	16
Total Estimated Job Change / ROI Employment(2002):	0%

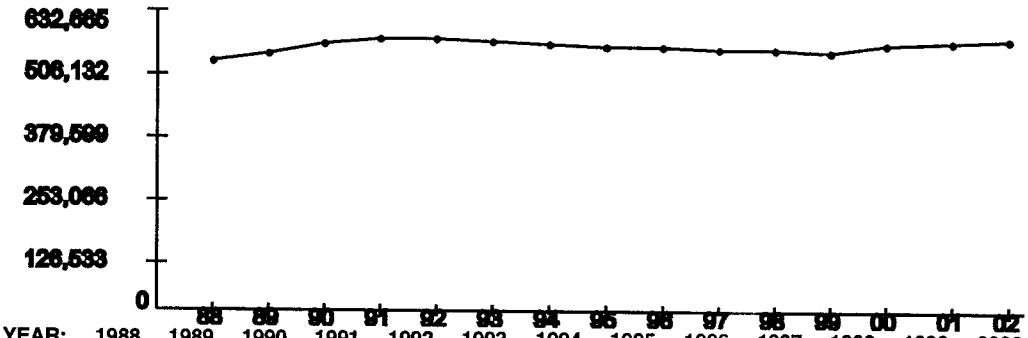
Cumulative Job Change (Gain/Loss) Over Time:



YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	9	0	0	0	0
Direct Civilian:	0	0	0	0	0	0
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cum Indir/Induc:	0	7	7	7	7	7
Cum Total:	0	16	16	16	16	16

Honolulu, HI Metropolitan Statistical Area Trend Data

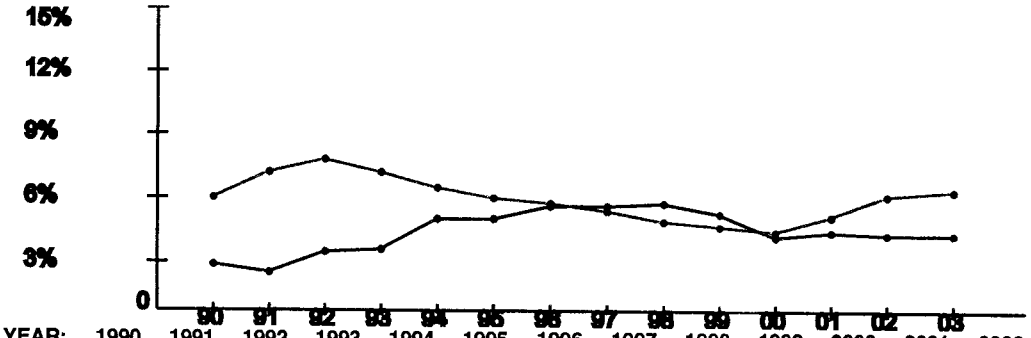
Employment Trend (1988-2002)



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Index:	1	1.03	1.06	1.09	1.09	1.08	1.07	1.06	1.05	1.05	1.05	1.04	1.06	1.07	1.08

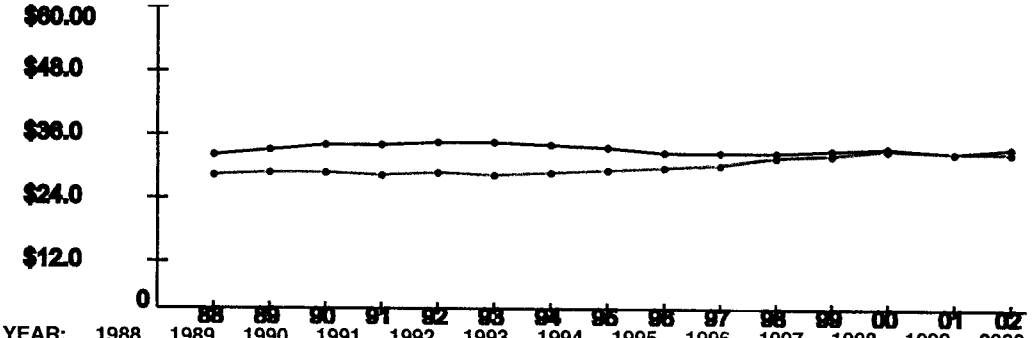
Represents the ROI's indexed employment change since 1988

Unemployment Percentage Trend (1990-2003)



YEAR:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
ROI:	2.34%	2.05%	2.99%	3.08%	4.64%	4.59%	5.29%	5.29%	5.37%	4.93%	3.74%	4.04%	3.88%	3.87%
USA:	5.6%	6.83%	7.5%	6.91%	6.09%	5.59%	5.4%	4.94%	4.51%	4.21%	3.99%	4.74%	5.79%	5.99%

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



YEAR:	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
ROI:	$30.8	$32.18	$33.17	$32.94	$33.73	$33.4	$32.81	$32.28	$31.39	$31.5	$31.53	$31.8	$32.46	$31.68	$32.43
USA:	$26.96	$27.48	$27.42	$26.87	$27.35	$27.18	$27.53	$27.86	$28.35	$29.04	$30.35	$30.86	$31.89	$31.72	$31.61

SUBASE_SAN_DIEGO_CA, CA

Demographics

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

MSA	Population
San Diego, CA MSA	2,813,833

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

County/City	Population
San Diego	2813833
Total	2,813,833

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 68

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.

Median Household Income	(US Avg $41,994)	$47,067	Basis: MSA
Median House Value	(US Avg $119,600)	$227,200	
GS Locality Pay	("Rest of US" 10.9%)	16.2%	
O-3 with Dependents BAH Rate		$1,882	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	334,567	18 of 18 districts
Students Enrolled	301,504	18 of 18 districts
Average Pupil/Teacher Ratio	19.9:1	18 of 18 districts
High School Students Enrolled	88,975	4 of 4 districts
Average High School Graduation Rate (US Avg 67.3%)	87.6%	4 of 4 districts
Average Composite SAT I Score (US Avg 1026)	989	4 of 4 districts
Average ACT Score (US Avg 20.8)	21	4 of 4 districts
Available Graduate/PhD Programs	24	
Available Colleges and/or Universities	34	
Available Vocational and/or Technical Schools	6	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.1%	3.0%	3.2%	4.3%	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	3.4%	3.3%	1.7%	1.7%	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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	45,472	Basis: MSA
Vacant Sale Units	7,196	
Vacant Rental Units	14,853	

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.

	# Physicians	# Beds	Population	
Local Community	5,826	7,062	2,813,833	Basis: MSA
Ratio	1:483	1:398		
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:

Local UCR	3,611.8	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 SUBASE_SAN_DIEGO_CA to nearest commercial airport: 2.5 miles
Is SUBASE_SAN_DIEGO_CA 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: 44

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.

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		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 a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

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

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.

	# Physicians	# Beds	Population	
Local Community	1,804	2,571	876,156	Basis: MSA
Ratio	1:486	1:341		
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:

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

NAVSTA_SAN_DIEGO_CA, CA

Demographics

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

MSA	Population
San Diego, CA MSA	2,813,833

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

County/City	Population
San Diego	2813833
Total	2,813,833

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 68

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.

Median Household Income	(US Avg $41,994)	$47,067	Basis: MSA
Median House Value	(US Avg $119,600)	$227,200	
GS Locality Pay	("Rest of US" 10.9%)	16.2%	
O-3 with Dependents BAH Rate		$1,882	
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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	395,947	23 of 24 districts
Students Enrolled	374,535	24 of 24 districts
Average Pupil/Teacher Ratio	20.1:1	24 of 24 districts
High School Students Enrolled	248,166	6 of 6 districts
Average High School Graduation Rate (US Avg 67.3%)	87.1%	6 of 6 districts
Average Composite SAT I Score (US Avg 1026)	1002	6 of 6 districts
Average ACT Score (US Avg 20.8)	21	6 of 6 districts
Available Graduate/PhD Programs	17	
Available Colleges and/or Universities	33	
Available Vocational and/or Technical Schools	6	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	3.1%	3.0%	3.2%	4.3%	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	3.4%	3.3%	1.7%	1.7%	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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	45,472	Basis: MSA
Vacant Sale Units	7,196	
Vacant Rental Units	14,853	

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.

	# Physicians	# Beds	Population	
Local Community	5,826	7,062	2,813,833	Basis: MSA
Ratio	1:483	1:398		
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:

Local UCR	3,611.8	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_SAN_DIEGO_CA to nearest commercial airport: 5.5 miles
Is NAVSTA_SAN_DIEGO_CA 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

NAVMAG_PEARL_HARBOR, HI

Demographics

The following tables provide a short description of the area near the installation/activity. NAVMAG_PEARL_HARBOR is 12.7 miles from 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: 44

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.

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, percentage of certified teachers 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.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		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 a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

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; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	29,538	Basis: 1 of 2 counties
Vacant Sale Units	3,007	
Vacant Rental Units	12,286	

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.

	# Physicians	# Beds	Population	
Local Community	1,804	2,571	876,156	Basis: MSA
Ratio	1:486	1:341		
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:

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 NAVMAG_PEARL_HARBOR to nearest commercial airport: 17.0 miles
Is NAVMAG_PEARL_HARBOR 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-0006A

Action 1: Close that portion of Naval Base Point Loma, CA, known as SUBASE San Diego (as depicted on the attached map) and associated base support functions.

Action 2: Relocate all assigned SSNs and ARCO from Naval Base Point Loma, CA, to Naval Station Pearl Harbor, HI, to include required personnel, equipment, and support.

Action 3: Consolidate NSY and IMF Puget Sound DET Point Loma, CA, with NAVSHIPYD and IMF Pearl Harbor, HI.

Action 4: Consolidate SIMA San Diego, CA, with NAVSHIPYD and IMF Pearl Harbor, HI, to support relocating submarines from Naval Base Point Loma, CA, to Naval Station Pearl Harbor, HI.

Action 5: Consolidate NAVWPNSTA Seal Beach, CA, DET San Diego, CA, with NAVMAG Pearl Harbor, HI.

Action 6: Relocate MSCPAC San Diego, CA, to Naval Station San Diego, CA.

Action 7: Consolidate Naval Submarine Training Center Pacific, DET San Diego, CA, with Naval Submarine Training Center Pacific Peal Harbor, HI.

Action 8: Consolidate FISC San Diego, CA, with FISC Pearl Harbor, HI, to support relocation of submarines and supporting assets from Naval Base Point Loma, CA, to Naval Station Pearl Harbor, HI.

Action 9: Relocate NSHS San Diego CA, function NSHS NDAC School San Diego, CA, to NSHS San Diego, CA, at NAVMEDCEN San Diego, CA.

Action 10: Relocate NAVMEDCEN San Diego, CA, functions NAVMEDCEN (SARP) San Diego, CA, to NAVMEDCEN San Diego, CA.

Action 11: Relocate NAVOPMEDINST PENSACOLA, FL, function NOMI DET SWMI San Diego, CA, to NAVMEDCEN San Diego, CA.

Action 12: Retain Naval Special Clearance Team One complex as an enclave.

Action 13: Retain NAVUNSEAWARCENDIV KEYPORT, WA, function NUWC DET San Diego, CA, as an enclave to support the magnetic silencing facility and degaussing range at Naval Base Point Loma, CA.

Action 14: Retain the FISC Fuel Farm as an enclave.

General Environmental Impacts

Environmental Resource Area	SUBASE San Diego (Installation Closed)	Naval Station Pearl Harbor (Installation Gaining Functions)
Air Quality	No impact.	Installation is in attainment for all criteria pollutants. No impact.
Cultural/Archeological/Tribal Resources	No impact.	MILCON for new mission may be impacted by Historic and Archeological Resources.
Dredging	No impact.	Additional dredging necessary; impediments exist; upland disposal cell may be required.
Land Use Constraints/Sensitive Resource Areas	No impact	Ford Island Development Plan will support increases to Navy force structure and personnel to house Navy families and sailors.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.	Hawaiian Islands Humpback Whale National Marine Sanctuary established and Northwestern Hawaiian Islands Coral Reef Ecosystem is currently in the process of being designated a National Marine Sanctuary. Informal consultation may be required. No impact if mission and training similar to current ops.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	Federally-listed TES are present. No anticipated impacts.
Waste Management	Reduces waste disposals associated with the lost assets.	No impact.
Water Resources	Reduces water requirements.	No impact.
Wetlands	No impact.	No impact.

Summary of Scenario Environmental Impacts cont.

Impacts of Costs

Selection Criterion 8 Environmental Points	SUBASE San Diego (Installation Closed)	Naval Station Pearl Harbor (Installation Gaining Functions)
Environmental Restoration	DERA costs: $24.9M thru FY03; CTC $53.4M	DERA costs: $58.6M thru FY03; CTC $27.2M
Waste Management	$10K Flushing and certification of Hazardous Waste tank supporting MK 48 torpedo flushing operations.	$4.4K Lab Analysis $42.6K Shipment of samples for characterization $237.6K Shipment of mixed waste for treatment and disposal. $120K Dockside Chlorination Units $838K Industrial process waste waters $145K Solid waste disposal $1.8M Hazardous waste disposal $1.7M Shipment of cuprous oxide waste for burial
Environmental Compliance	$3.7M Radiological Survey	$4.4 K Air permit fees $2K NPDES permit application filing fee (every 4 yrs)

Actions #6, 9-14 have no criterion 8 impacts.