

DCN:7094

INSTALLATION MANAGEMENT MILITARY VALUE SCORING PLAN ADDENDUM

1. **General:** The following discussion is intended to provide the necessary detail and clarification to enable the user to extract source data and calculate that data when required for purposes of obtaining a military value score for the installations identified in the IM Military Value targeting list (attached). Military value and/or capacity data questions supporting each metric are identified in the discussion for each metric. The military value targeting list is based on a series of rules established by the HSA Geographic Cluster sub-group which resulted in identification of geographic clusters common to each team. The list for the IM team was further refined to include only those active installations within the clusters. All of these targeted installations were included in the military value results for the IM team. There were two installations not included in the original list which were added based on a request from the Navy to initiate a scenario. The two were COMNAVMARIANAS Guam, and Andersen AFB, Guam. These two were not included in the original targeting list because they did not meet the criteria for study established by the Geographic Cluster Sub-Group.

2. **Military Value Target List:** There are several specific notes regarding the target list necessary to understand before executing the scoring plan

a. **Ft. Myer/Ft. McNair:** These installations are managed by one organization and for the purposes of the Installation Management business are considered one installation. However, since there are two Org Codes, it is possible that responses will be provided for both. It is data specific whether one or two responses will be provided. Usually if it is a physical attribute of the installation such as square feet, there will be two responses. If it is related to the installation management organization it will typically be one response. For purposes of a military value score, only one score was calculated since the IM military value model reflects the capabilities of the management organization as well as physical attributes of the installation.

b. **Ft. Shafter/Tripler Army Medical Center:** The discussion for these installations is parallel to the discussion related to Ft. Myer and Ft. McNair.

c. **COMNAVREG MIDLANTIC:** The reporting for Navy installations in the Norfolk area also requires explanation. Most data is provided IAW with the target list; however, for selected data COMNAVREG MIDLANTIC consolidated data. This is specifically the case in data for installation management personnel provided in CDC#330. An attachment provides an explanation of how this source data was distributed to the appropriate Norfolk installations. Also related to Norfolk, COMNAVREG MIDATLANTIC is the host activity on NAVSHPYD

Norfolk. Although most data for this installation is provided under the ORG Code for the Ship Yard, there are instances where the data requested is reported under the COMNAVREG OrgCode.

3. Deviations between IM military value target list and the final military value scoring list: (These deviations apply primarily to questions developed for the sole purpose of feeding the Installation Management Military Value model. These questions include: 1976, 1977, 1978, 1980, 1981, 1982.)

a. **Naval District Washington (NDW)** [OrgCode = COMNAVDIST_WASHINGTON_DC]: For final scoring purposes, Naval District of Washington received a military value score. At the time the target list for the IM military value questions was developed, the individual footprints which compose the NCR portion of NDW were listed separately (the separate footprints are shown on the attachment indented below NDW). As further review was completed, it was determined that because NDW manages these installations as one organization, it was not feasible or meaningful to score each footprint separately. However, since there are multiple Org Codes, it is possible that responses could be provided for the separate footprints rather than as one response under the NDW org code. It is data specific whether one or more responses will be provided. Normally, for a physical attribute of the installation such as square feet, there will be separate responses. If it is related to the installation management organization it will typically be one response. For purposes of a military value score, only one score was calculated since the IM military value model reflects the capabilities of the management organization as well as physical attributes of the installation.

The specific organizations that responded but fall under the NDW oversight include: NAVSURFWARCEN_CARDEROCKDIV_BETHESDA_MD, NRL_WASHINGTON_DC, and NAF_WASHINGTON.

b. **Ft. Myer/Ft. McNair**: See discussion in paragraph 2.

c. **Ft. Shafter/Tripler** (OrgCode = 15875): See discussion in paragraph 2.

d. **Ft. McPherson** (OrgCode = 13049)/**Ft. Gillem**: These two installations were part of a geographic cluster originally called the Atlanta cluster. At the time the target list for the military value questions was developed, there was discussion regarding whether this was an appropriate cluster, but no decision had been rendered. Subsequent to the release of the military value questions, it was decided that the Atlanta cluster would be dropped. Based on that decision, no military value scores were computed for these two installations. Dobbins ARB and NAS Atlanta which were also part of this cluster did receive military value scores because the Navy made a request to initiate a scenario for these two installations.

e. **Naval Support Facility Thurmont**: This site was included in the geographic cluster for the NCR. Initial review did not determine the exact location or mission of this

installation therefore it was included in the target list for the IM military value questions. Upon subsequent determination that this is actually Camp David, it was dropped from the IM military value target list.

f. **NAVSHPYD & IMF Pearl Harbor** [OrgCode = NAVSHIPYD_AND_IMF_PEARL_HARBOR_HI] /**NCTAMS PAC Honolulu** [OrgCode = NCTAMS_PAC_HONOLULU_HI]: These were both identified as part of the Hawaii cluster and were included in the IM military value target list. Subsequent to further review, it was determined that these were more appropriately considered activities and are more appropriately part of NAVSTA Pearl Harbor. However, since there are multiple Org Codes, it is possible that responses could be provided for the separate footprints rather than as one response under the NDW org code. It is data specific whether one or more responses will be provided. Normally, for a physical attribute of the installation such as square feet, there will be separate responses. If it is related to the installation management organization it will typically be one response. For purposes of a military value score, only one score was calculated since the IM military value model reflects the capabilities of the management organization as well as physical attributes of the installation.

g. **Pacific Missile Range Facility, HI** [OrgCode = PACMISRANFAC_HAWAREA_BARKING_SANDS_HI] : This activity was identified as part of the Hawaii cluster and was included in the IM military value target list. Subsequent to further review, it was determined that this installation is not located on the island of Ohau and therefore did not meet the criteria established to be included in the geographic cluster and was dropped as a result.

h. **Fourth Estate**: The following entities are activities and the Installation Management Subgroup was only concerned with assessing the Military Value of installations, thus their responses were set aside. Similar to the installations listed below, these activities were not targeted but still responded in some instances. All organizations with the following “Source” names were omitted: DCMA, DFAS, DHRA, DISA, DLA, DSCA, MDA, WHS

i. **Other**: The following installations/activities were not targeted in the IM Military Value target list. Responses are assumed to be the result of misdirection through the IQT process:

CG_MCAS_CHERRY_PT
NAVMAG_PEARL_HARBOR
SURFCOMBATSYSCEN_WALLOPS_ISLAND_VA
CG_MCB_CAMP_LEJEUNE_NC
NAVFAC_EFD_SOUTH_CHARLESTON_SC

4. Following is a discussion of each specific metric included in the IM Military Value model (less COMM/IT metrics provided separately):

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7/8/2005

Criterion 1, Attribute 1, Metric 1: Average Distance Between Installations

Source of data: MV Question DOD#1975

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

For each installation: calculate the average distance (X_{av})

Variables: Number of installations listed in response (Y)

Distance to each installation reported in response ($X_i - X_y$)

$$X_{av} = \text{sum}(X_i - X_y) / Y$$

X_{av} is valued used to establish mil value score IAW IM Mil Value Scoring Plan.

Special Remarks: Upon receipt of the data, this metric was determined to be unnecessary. Several reasons supported this decision but key was the determination that this metric would not provide a result that would be consistently based from cluster to cluster. Additionally, responses from installations within clusters had dissimilar responses which would have rendered calculating a score for each installation difficult with minimal value. Analysis determined that deletion of this metric would have no impact on final MV scoring. ISG approved deletion.

* Attribute numbers have been changed to reflect the updated scoring plan.

Criterion 1, Attribute 1*, Metric 1: **Administrative Activities Population Profile**

Source of data: MV Question DOD#1976

Mission Type Organization = Administrative

Columns = "Active Duty_n", "Civilians (DoD)_n", "On-Board Contractors_n", "Civilians (other)_n", "Students_n"

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

For this metric take the data from the column labeled “Administrative”. Sum the columns Active Duty_n, Civilians (DoD)_n, On-Board Contractors_n, Civilians (other)_n, Students_n for each Mission Type Organization.

Criterion 1, Attribute 1*, Metric 2: **Combat Unit Population Profile**

Source of data: MV Question DOD#1976

Mission Type Organization = Operational

Columns = “Active Duty_n”, “Civilians (DoD)_n”, “On-Board Contractors_n”, “Civilians (other)_n”, “Students_n”

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

For this metric take the data from the column labeled “Operational”. Sum the columns Active Duty_n, Civilians (DoD)_n, On-Board Contractors_n, Civilians (other)_n, Students_n for each Mission Type Organization.

Criterion 1, Attribute 1*, Metric 3: **Industrial/RDT&E Population Profile**

Source of data: MV Question DOD#1976

Mission Type Organization = Industrial/RDT & E

Columns = “Active Duty_n”, “Civilians (DoD)_n”, “On-Board Contractors_n”, “Civilians (other)_n”, “Students_n”

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

For this metric take the data from the column labeled “Industrial/RDT & E”. Sum the columns Active Duty_n, Civilians (DoD)_n, On-Board Contractors_n, Civilians (other)_n, Students_n for each Mission Type Organization.

Criterion 1, Attribute 1*, Metric 4: **Training Population Profile**

Source of data: MV Question DOD#1976

Mission Type Organization = Training

Columns = “Active Duty_n”, “Civilians (DoD)_n”, “On-Board Contractors_n”, “Civilians (other)_n”, “Students_n”

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

For this metric take the data from the column labeled “Training”. Sum the columns Active Duty_n, Civilians (DoD)_n, On-Board Contractors_n, Civilians (other)_n, Students_n for each Mission Type Organization.

Criterion 1, Attribute 1*, Metric 5: **Joint Mission Support**

Source of data: MV Question DOD#1977

Type Organization = “Joint” and “Other Service”

Columns = “Active Duty_n”, “Civilians_n”, “On-board Contractors_n”

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

1. Take the sum of all the rows for each respondent on the IM MV Target List to question 1977 by column.
 - a. Sum of Field: Active Duty_n (ie Joint + Other Service)
 - b. Sum of Field: Civilians_n
 - c. Sum of Field: On-board Contractors_n
2. Take the sum of each of the columns to get the personnel total.
 - a. Sum of Personnel = Sum(Active Duty_n) + Sum(Civilians_n) + Sum(On-board Contractors_n)

Criterion 1, Attribute 2*, Metric 1: **Supported Population Profile**

Source of data: CDC2 Question DOD#4096

* Army responses are in non-ODIN.

Personnel Supported = Number of Personnel by Category

Columns = “Military_n”, “Civilians-DoD_n”, “Contractors-FTE, On-board_n”, “Family Members_n”

Scope: Installations targeted within approved Geographic Clusters

This question was part of a capacity data call and was used by multiple subgroups within the HSA JCSG. The responses included in Military Value were only those on the refined IM MV Target List. Responses were omitted either because they were intended for use only by other subgroups or for reasons previously mentioned.

Explanation of Calculation:

For the total personnel supported, take the sum of all four columns, “Military_n”, “Civilians-DoD_n”, “Contractors-FTE, On-board_n”, “Family Members_n” for each respondent on the IM MV Target List to question 4096.

Special Remarks:

Data for NAVSHPYD Norfolk is reported under the OrgCode of COMNAVREG MIDLANTIC since that is the host activity on the ship yard.

Criterion 1, Attribute 3*, Metric 1: **Network Architecture Backbone**

Source of data: MV Question DoD 1959

Row: Network Backbone = “Total Lengths”

Columns = “Number of Feet in the Network Backbone/s_n”, “Number of Feet in the Backbone/s that are Fiber_n”

Scope: Installations targeted within approved Geographic Clusters

This question was used by multiple subgroups within the HSA JCSG. The responses included in Military Value were only those on the refined IM MV Target List. Responses were omitted either because they were intended for use only by other subgroups or for reasons previously mentioned.

Explanation of Calculation:

Take the column “Number of Feet in the Backbone/s that are Fiber_n” and divide it by the column “Number of Feet in the Network Backbone/s_n”, to get the percentage of the installation’s network backbone that is fiber.

Issues:

- (a) Logically, the value for “Number of Feet in the Backbone/s that are Fiber_n” should be less than or equal to the value for “Number of Feet in the Network Backbone/s_n”. In a few instances, due to some unknown error, this was not the case. For these cases, a percentage greater than 100% would have been the result. To correct this error, all installations reporting a greater “Number of Feet in the Backbone/s that are Fiber_n” than “Number of Feet in the Network Backbone/s_n” were given a percentage of 100%.
- (b) A related issue arises when an entity reported “0” for “Number of Feet in the Network Backbone/s_n”. If this entity reported a number greater than zero for “Number of Feet in the Backbone/s that are Fiber_n”, the ratio cannot be calculated due to a “divide by zero” error. To correct this error, if an entity reported “0” for “Number of Feet in the Network Backbone/s_n” it was given a value of 0% for this metric.

Criterion 1, Attribute 3*, Metric 2: **Fiber Network Architecture**

Source of data: MV Question DoD 1901

Row: Backbone Connectivity = “Number of Bldgs”

Columns = “Buildings requiring network backbone connectivity_n”,
“Buildings connected to network backbone via fiber_n”

Scope: Installations targeted within approved Geographic Clusters

This question was used by multiple subgroups within the HSA JCSG. The responses included in Military Value were only those on the refined IM MV Target List. Responses were omitted either because they were intended for use only by other subgroups or for reasons previously mentioned.

Explanation of Calculation:

Take column “Buildings connected to network backbone via fiber_n” and divide it by column “Buildings requiring network backbone connectivity_n”, to get the percentage of installation’s buildings that require network connection that will be connected to the network via Fiber Optic Cable by the end of FY04.

Issues:

- (a) Logically, the value for “Buildings connected to network backbone via fiber_n” should be less than or equal to the value for “Buildings requiring network backbone connectivity_n”. There were instances where the question was misinterpreted. The question intended to ask, “*Of those buildings that require network backbone connectivity, how many will be connected by the end of FY04?*” Some entities responded with the total number of buildings that will be connected, including those that did not require connectivity. For these instances, the percentage would have been calculated at over 100%. To correct this error, when “Buildings connected to network backbone via fiber_n” was reported as greater than “Buildings requiring network backbone connectivity_n”, the entity was given a value of 100% for this metric.
- (b) A related issue arises when an entity reported “0” for “Buildings requiring network backbone connectivity_n”. If this entity reported a number greater than zero for “Buildings connected to network backbone via fiber_n”, the ratio cannot be calculated due to a “divide by zero” error. To correct this error, if an entity reported “0” for “Buildings requiring network

backbone connectivity_n” it was given a value of 0% for this metric.

Criterion 1, Attribute 3*, Metric 3: **Special Communications Capabilities**

Source of data:

MV Question DoD#25, Column = “DRSN”

MV Question DoD#28, Column = “Answer”

MV Question DoD#319

Column = “Maximum Designed Subscriber Capacity_n”

For NIPRNET (Question 3),

Row: Network Capacity = “Unclassified”

For SIPRNET (Question 4),

Row: Network Capacity = “Classified”

MV Question DoD#1960

Column = “Yes/No”

For commercial wireless services (Question 5)

Row: COMM/IT Capabilities = "Cellular Telephone", "Pagers (Voice or Text)", "Wireless Messaging (e.g. Blackberry)"

For video teleconferencing (VTC) services (Question 6)

Row: COMM/IT Capabilities = “Video Teleconferencing (VTC) services (DVS-G)”

For diverse routing of NIPRNET (Question 7)

Row: COMM/IT Capabilities = “Diverse NIPRNET routing”

For diverse routing of SIPRNET (Question 8)

Row: COMM/IT Capabilities = “Diverse SIPRNET routing”

For Satellite Earth Terminal (Question 9)

Row: COMM/IT Capabilities = “Satellite Earth Terminal (Teleport, STEP, NCTAMS, etc.)”

For Voice-over Internet Protocol (VOIP) Telephone Switch (Question 10)

Row: COMM/IT Capabilities = “Voice over Internet Protocol (VoIP) Telephone Switch”

NOTE For question 1960, respondents did not always answer the questions in the order they are shown here. Do not rely on “RowNum”. Check the row title “COMM/IT Capabilities provided above.

Scope: Installations targeted within approved Geographic Clusters

This question was used by multiple subgroups within the HSA JCSG. The responses included in Military Value were only those on the refined IM MV Target List. Responses were omitted either because they were intended for use only by other subgroups or for reasons previously mentioned.

Explanation of Calculation:

1. Convert all the responses to 1 and 0.
 - a. DoD#25, DoD#28, DoD#1960
 Responses: “Yes”, “Y” = 1
 Responses: “No”, “N”, “N/A” = 0
 - b. DoD#319
 If the value given for “Maximum Designed Subscriber Capacity_n” is greater than 0, then the installation is given a value of “1”. Otherwise, the value is a “0” or a blank (if there was no response).
2. For Commercial Wireless Services (CWS), if the answer to any of the three rows "Cellular Telephone", "Pagers (Voice or Text)", "Wireless Messaging (e.g. Blackberry)" is a 1, then this portion of the metric receives a value of 1. In other words, if you add the rows together and the sum is greater than 0, then CWS = 1.
3. Add together the each of the 10 portions of the metric
 DRSN (DoD#25) + LMR (DoD#28) + NIPRNET (DoD#319) + SIPRNET (DoD#319) + CWS (DoD#1960) + VTC (DoD#1960) +NIPRNET Routing (DoD#1960) + SIPRNET Routing (DoD#1960) + SET (DoD#1960) + VOIP (DoD#1960)

Criterion 2, Attribute 1, Metric 1: **Facility Condition**

Source of data:

Use MV Question DOD#1978 (NonODIN source) for Army installations.

Use MV Question DOD#1981 for Air Force installations. Extract data from OrgCode “AF/IL” for each installation. There is a crosswalk from the Installation name given in the raw data table to the proper OrgName listed in the IM MV Target List

Use MV Question DOD#1982 for Navy and Marine installations. Extract data from OrgCode CMC Washington (Marine Corps) or CNI Washington (Navy) There is a crosswalk from the Installation name given in the raw data table to the proper OrgName listed in the IM MV Target List.

For COMNAVDIST_WASHINGTON_DC, the components responded instead of the parent organization (for this question alone). The following entities were used to represent COMNAVDIST_WASHINGTON_DC, which appear for this question under the OrgCode CNI_WASHINGTON_DC:

IM Orgname	IM Orgcode	Installation
Naval Air Facility Washington	NAF_WASHINGTON_DC	Naval Air Facility, Wash D.C. (USN)
Naval Research Lab	NRL_WASHINGTON_DC	Naval Research Lab (USN)
NAVSURFWARCEN_Dahlgren	NAVSURFWARCENDIV_DAHLGREN_VA	NSWC, Dahlgren (USN)

US Naval Academy	USNA_ANNAPOLIS_MD	US Naval Academy (USN)
NAVSURFWARCEN Carderock	NAVSURFWARCEN_CARDEROCKDIV_BETHESDA_MD	NSWC, Carderock Div (USN)
NAVSURFWARCEN Indian Head	NAVSURFWARCENDIV_INDIAN_HEAD_MD	NSWC, Indianhead Div (USN)
Field Support Activity Washington	FIELDSUPPACT_WASHINGTON_DC	Field Support Activity, Washington D.C. (USN)

*Use the 3rd column, “Installation”, to identify all the pieces of COMNAVDIST_WASHINGTON_DC.

Columns = “Operations & Training”, “Mobility”, “Maintenance & Production”, “RDT&E”, “Supply”, “Admin”

Scope: Installations targeted within approved Geographic Clusters

Explanation of Calculation:

For each installation a value was reported for each of seven different classes of facilities on an installation: “Operations & Training”, “Mobility”, “Maintenance & Production”, “RDT&E”, “Supply”, “Admin”. The scores were on a scale of C1 = best to C4 = worst. These scores are then translated into strictly numerical scores as such: C1 = 1, C2 = 2, C3 = 3, C4 = 4. An overall numerical score is computed for each installation by summing the numerical values of the seven classes (or columns) per installation then divided by the number of classes which had a C1-C4 value. In other words, calculate an average score for those facilities that gave a response. In cases where the average is 1.5, 2.5, or 3.5 the result should be rounded down rather than up. In other words, a 2.5 becomes 2 rather than a 3. The reason for this rounding is because the lower numerical value represents a higher qualitative value with respect to condition codes and generates a higher military value score.

For COMNAVDIST_WASHINGTON_DC there is a special intermediate step where each of its components are averaged to get a single representative condition score for this entity. First take the average for each activity across the seven classes of facilities (“Operations & Training”, “Mobility”, “Maintenance & Production”, “RDT&E”, “Supply”, “Admin”). Then take the average of all the activities that comprise COMNAVDIST_WASHINGTON_DC.

Special Remarks:

These questions were targeted to the specific military service to provide the response. In this case, the facility condition code format that was requested is the same used in the DOD Infrastructure report which requires the services to convert the installation input from the service reporting models into the DOD required format. This format was chosen

as the preferred response in order to ensure a standardized response from each service. The Service Headquarters were targeted since the respective installations would not have the capability to convert to the DOD required format.

Criterion 2, Attribute 2, Metric 1: **Facility Profile**

Source of data: MV Question DOD#1979. The Army reported through Non-ODIN spreadsheets for Question 1979.
Column = “Answer_n”

Scope: Installations targeted within approved Geographic Clusters
This question was targeted to an extensive number of installations in addition to the installations on the Military Value target list. The purpose of this was to obtain sample data used for development of ratios used in scenario analysis. This targeting was approved by the OSD team reviewing Military Value questions. The responses included in model were only those on the refined IM MV Target List.

Explanation of Calculation:

That data (total square feet) is in the field “Answer_n”. Take this for each respondent on the IM MV Target List.

Criterion 3, Attribute 1, Metric 1: **Mobilization Support**

Source of data: CDC Question DoD#336 provides whether or not an installation has a mobilization requirement.

Columns = “NAVY Mobilization Processing Site (NMPS)”, “ARMY Power Projection Platform (PPP)”, “ARMY Power Support Platform (PSP)”, “AIR FORCE Mobilization Processing Unit (MPU)”, “AIR FORCE Deployment Control Center (DCC)”, “MARINE Mobilization Processing Site (MPS)”

Scope: Installations targeted within approved Geographic Clusters
This question was part of a capacity data call and was used by multiple subgroups within the HSA JCSG. The responses included in Military Value were only those on the refined IM MV Target List. Responses were omitted either because they were intended for use only by other subgroups or for reasons previously mentioned.

Explanation of calculation:

If there was a “Y”, “Yes”, or other such response designating an intended “yes” answer in any of the columns, then the installation is awarded a score of “1” for Mobilization Support. Otherwise, the score is a zero. Answers of “N/A” are left blank.

Criterion 3, Attribute 2, Metric 1: **DISN Point of Presence (PoP)**

Source of data: MV Question DOD#1964

- (a) A special target list is attached because this question was answered entirely under one OrgCode. This Target List serves as a crosswalk, associating the entities on the IM Target List one-to-one with the name given in the column “Installation or Activity and Location”.
- (b) Column = “DISN Backbone POP”

Scope: Subgroup Target List

As noted above, a special Target List is necessary for this question and is attached.

Explanation of Calculation:

Take the response from column “DISN Backbone POP”. The answer will either be “Y”, “N”, or “ ” (i.e. blank).

Additional Remarks

See the remarks above concerning the special Target List necessary.

Criterion 4, Attribute 1, Metric 1: **Manpower to supported facilities**

Source of data:

CDC Question DOD#330 provides the number of personnel in each installation’s Public Works Directorate

Installation/Base Management Function = Public Works

Columns = “Military Officer (Full-time AC/RC)_n”, “Military Enlisted (Full-time AC/RC)_n”, “DoD Civilian_n”, “Contractors On-Board_n”

MV Question DOD#1979 provides the square footage of facilities at each installation

Column = “Answer_n”

Scope: Installations targeted within approved Geographic Clusters

This question was used by multiple subgroups within the HSA JCSG. The responses included in Military Value were only those on the refined IM MV Target List. Responses were omitted either because they were intended for use only by other subgroups or for reasons previously mentioned.

Explanation of calculation:

To get the total number of personnel in the installations Public Works Directorate, filter for the data in RowNum = 1 (Installation/Base Management Function = Public Works for the respondents on the IM MV Target List. Then across sum the columns “Military Officer (Full-time AC/RC)_n”, “Military Enlisted (Full-time AC/RC)_n”, “DoD Civilian_n”, “Contractors On-Board_n” for each installation.

For the total square footage of facilities in the installations, use the values for Criterion 2, Attribute 2, Metric 1: Facility Profile.

Ratio = Total Square Footage/ Total Number of Public Works Personnel

Special Remarks:

For this metric it was necessary to distribute the Public Works personnel for the Navy installations within the Norfolk area.

For the Norfolk area, these personnel were reported by the COMNAVREG MIDLANTIC in addition to limited personnel reported by the respective installations. In order to obtain a value for each of these installations it was necessary to distribute the total public works personnel. This was done on a percentage distribution using square feet of the installation as the basis for the percent share. See calculations and explanation of data source on attached sheets.

Criterion 4, Attribute 1, Metric 2: **Manpower to supported population**

Source of data:

CDC Question DOD#330 provides the total number of personnel in each installation’s support work force

Installation/Base Management Function = Public Works, Resource Management (less F&AO), Contracting, Transportation, Supply Maintenance, Airfield Operations, Personal and Family Services and MWR, Law Enforcement, Fire & Emergency Services, Plans, Training and Security, Installation Support Offices (PAO, Safety, IR, Legal etc.)
Columns = “Military Officer (Full-time AC/RC)_n”, “Military Enlisted (Full-time AC/RC)_n”, “DoD Civilian_n”, “Contractors On-Board_n”

CDC2 Question DOD#4096 provides the total workforce at each installation
Columns = “Military_n”, “Civilians-DoD_n”, “Contractors-FTE, On-board_n”, “Family Members_n”, “Civilians-Other_n”

Scope: Installations targeted within approved Geographic Clusters

Scope remarks were given previously for capacity questions Q330 (Criterion 4, Attribute 1, Metric 1: Manpower to supported facilities - first part) and Q4096 (Criterion 1, Attribute 2, Metric 1: Supported Population Profile).

Explanation of calculation:

Do the following calculations for each of the respondents on the IM MV Target List.

1. Total number of personnel in each installation's support workforce. (Q330)
 - a. Take the sum of the eleven rows (*Installation/Base Management Function = Public Works, Resource Management (less F&AO), Contracting, Transportation, Supply Maintenance, Airfield Operations, Personal and Family Services and MWR, Law Enforcement, Fire & Emergency Services, Plans, Training and Security, Installation Support Offices (PAO, Safety, IR, Legal etc.)*) for each of the columns.
 - b. Take the sum of the values for each of the columns "Military Officer (Full-time AC/RC)_n", "Military Enlisted (Full-time AC/RC)_n", "DoD Civilian_n", "Contractors On-Board_n"
2. Total number of personnel in an installation's workforce. (Q4096)
 - a. Take the sum of the values for each of the columns "Military_n", "Civilians-DoD_n", "Contractors-FTE, On-board_n", "Family Members_n", "Civilians-Other_n"
3. Divide the total support workforce by the installation's total workforce to get the ratio of manpower to supported population.

Special Remarks:

For this metric it was necessary to distribute the Public Works personnel for the Navy installations within the Norfolk area.

For the Norfolk area, these personnel were reported by the COMNAVREG MIDLANTIC in addition to limited personnel reported by the respective installations. In order to obtain a value for each of these installations it was necessary to distribute the total public works personnel. This was done on a percentage distribution using square feet of the installation as the basis for the

Criterion 4, Attribute 2, Metric 1: **Existing Agreements Providing Support**

Source of data: MV Question DOD#1980 provides the total numeric dollar value of the Inter-service Support Agreement (ISSA) provided by each installation.

Column = "Provided_n"

Scope: Installations targeted within approved Geographic Clusters

Explanation of calculation:

The value for Existing Agreement Providing Support is in the column “Provided_n”. Use those responses from the installations on the IM MV Target List.

Criterion 4, Attribute 2, Metric 2: **Existing Agreements Receiving Support.**

Source of data: MV Question DOD#1980 provides the total numeric dollar value of the ISSAs provided by each installation.

Column = “Received_n”

Scope: Installations targeted within approved Geographic Clusters

Explanation of calculation:

The value for Existing Agreement Receiving Support is in the column “Received_n”. Use those responses from the installations on the IM MV Target List.

Allocation of Norfolk Installation Staffs for Military Value

Com NAV Region Midlantic Staff Totals	CDC #330	Total	Installation Management Staff: 5641			
	CDC #330	Total	Public Works Staff 2952:			
Installations	Total Supported Population 4096	% of total Supported Population	Total GSF #1979/#445	% of Total GSF	Allocated Installation Management Staff	Allocated Public Works Staff
NAVSTA Norfolk	108949	57%	18700000	37%	3242	1093
NAS Oceana	36579	19%	8469606	17%	1089	495
NAVSHPYD Norfolk	15703	8%	6446375	13%	467	377
NAVPHIPBASE Little Creek	13742	7%	3219509	6%	409	188
NAVSUPPACT Norfolk	9681	5%	5859000	12%	288	343
NAVWPNSTA Yorktown	4889	3%	7794000	15%	146	456
Total	189543	100%	50488490	100%	5641	2952

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7/8/2005

Allocated Installation Management Staff =% of total supported population *5641		Allocated Public Works Staff =% of total GSF*2952			

Summary of Data for Installation Management Staff Totals: NAV Reg Midlantic, Norfolk cluster CDC #330

Installation/Org Code			<u>Total IM Workforce</u>	<u>Public Works Workforce PW</u>
ComNavReg Midlant			4532	2761
NAS Oceana			944	172
NavPhiBase Little Creek				
NavSupPact Norfolk			165	19
NAVSTA_NORFOLK_VA				
WpnSta Yorktown				
Total Norfolk Cluster			5641	2952

