Using the Health Service Econometric Manpower Model (HSEMM) to Predict Costs/Savings for Selected Specialty Providers

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THIS PROJECT EMPLOYES THE HEALTH SERVICES ECONOMETRIC MANPOWER MODEL (HSEMM) TO CONDUCT ECONOMIC ANALYSIS. IT USES THE HSEMM TO PREDICT THE OVERALL CHANGE IN COST WHEN A MILITARY AUDIOLOGIST, OPTOMETRIST, OR SOCIAL WORKER ARE REPLACED WITH:
1. A CIVILIAN (GS EMPLOYEE) OF THE SAME SPECIALTY.
2. A CONTRACTOR OF THE SAME SPECIALTY.
3. OUTSOURCING THE SERVICE TO TRICARE.
THE RESULTS INDICATE THAT MILITARY OPTOMETRISTS SHOULD BE REPLACED WITH A CONTRACT OPTOMETRY OPTION. MILITARY AUDIOLOGISTS AND SOCIAL WORKERS SHOULD NOT BE REPLACED WITH A CIVILIAN ALTERNATIVE.

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Abstract

The Army Medical Department (AMEDD) uses the DoD Sizing Model to determine the appropriate number of soldiers in each medical specialty needed to meet the AMEDD's readiness requirements. These numbers are based on several factors that include war time, operational, and sustainment requirements. Any additional active duty authorizations for these specialties must be justified economically and are subject to make/buy analysis. This project employs the Health Services Econometric Manpower Model (HSEMM) to conduct that economic analysis. It uses the HSEMM to predict the overall change in cost when a military audiologist, optometrist, or social worker are replaced with:

1. A civilian (GS employee) of the same specialty.
2. A contractor of the same specialty
3. Outsourcing the service to TRICARE.

The results indicate that military optometrists should be replaced with a contract optometry option. Military audiologists and social workers should not be replaced with a civilian alternative.

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Introduction.

Conditions which prompted the study. The Army Medical Department (AMEDD) uses the DoD Sizing Model to determine the appropriate number of soldiers in each medical specialty needed to meet the AMEDD's readiness requirements. These numbers are based on several factors that include war time, operational, and sustainment requirements (see Table 1). Any additional active duty authorizations for these specialties must be justified economically and are subject to make/buy analysis in the event that the AMEDD is tasked to reduce to manpower levels lower than the current structure. Reasons to maintain slots above current go to war mission requirements include: the need to provide a training base for other specialties, the need to provide clinicians that are part of the Army culture, the need to provide quality clinicians in areas where none are available in the local market, and the need to provide a quality continuum of care to our beneficiaries at the lowest cost to our tax payers.

Table 1

Make/Buy Model for Audiology, Optometry, and Social Work

	Wartime	Operational	Sustainment	Total	Make/Buy
Audiology	8	6	3	17	22
Optometry	45	18	12	75	60
Social Work	64	24	12	100	53

(Peterson, 1997)

Providing quality health care to our beneficiaries remains a tremendous challenge. While the Army may be downsizing, and reducing the number of active duty beneficiaries that our smaller AMEDD will serve, a substantial beneficiary population remains. In fact, the non-active duty population is actually growing. It was predicted that by 2002 we will have more retired beneficiaries (1.5 million) to serve than active duty (1.48 million). However, we have already reached that point (Cyr, personal communication, 24 February, 1998). It is therefore essential that the AMEDD force mix that remains not only be able to ensure a successful go to war component but also be the most efficient choice for meeting this growing health care mission. The cost of clinicians becomes an important factor in determining an efficient force mix.

The actual cost of "soldier clinicians", and how this cost compares to civilian alternatives, however, remains unclear. It is important for planners to gain clear insight into the entire spectrum of costs for all clinician alternatives before determining which is the most cost effective choice. To improve the understanding of these costs, we developed the Health Services Econometric Manpower Model (HSEMM).

<u>Statement of the Problem</u> This project will use the HSEMM to identify the most cost efficient health care provider option to furnish the make/buy portion of our military audiologists, optometrists, and social workers.

<u>Literature Review</u>

As managed care evolved, the importance of attributing costs to their cost centers became more important to the health care industry (Upda, 1996). Many sources suggest the use of activity-based costing to gain a better understanding of each service's costs within the facility. Chan (1993) discusses combining activity based costing methods with traditional costing procedures to improve planning and the control of costs for the facility. Upda (1996) applies activity based costing to traditional hospital procedures (patient-activity systems, case management, etc.) to improve their economic efficiency. Stiles et al.(1997) took the use of activity-based costing further and used it as a tool to help measure the impact of cost on quality.

The MHS has recognized the need to use activity-based costing (Holmes, 1996) and has incorporated it in its Medical Expense and Performance Reporting System (MEPRS) (Assistant Secretary of Defense for Health Affairs, 1995). Wagner (1997) used costing methods to gain a better understanding of the total cost for emergency services at William Beaumont Army Medical Center.

Other studies have also looked at cost to understand additional aspects of hospital operations. Woolhandler & Himmelstein (1997) compared the administrative costs of for-profit and not-for-profit hospitals between 1990 and 1994. They found that administrative costs have increased as a percentage of total hospital costs during this period. Administrative and total costs were higher at for-profit hospitals.

Adrianos & Dykan (1996) discussed a project at the Virginia Mason Medical Center that educated physicians on costing data to facilitate clinical care improvement projects. They were able to reduce overall procedure costs and length of stay by educating their clinicians on the cost reporting data.

Additionally, as the AMEDD continued to look at its service costs, it became necessary to address specifically the life-cycle costs of retaining active duty providers. The Headquarters, Army Medical Command, Program, Analysis, & Evaluation Directorate is the agent for making the assessments and has done several studies on the life-cycle costs of AMEDD personnel (Howes, 1996; Vector,1995). Vector (1995) focused on the actual costs incurred by the military for its medical training for clinicians.

The focus of this study was to compare the costs of this training to civilian training alternatives. The life-cycle cost study focused on comparing the salary and benefits costs of maintaining a clinician on active duty status for an entire career to the life-cycle costs of hiring a civilian or contract clinician alternative (Howes, 1996).

As studies of health care cost accounting became more sophisticated, they began to look at the relationship between cost and other variables. O'Keefe & Hochstein (1994) compared dental expenditures to the variables of dentist/population ratio, per capita personal disposable income, and percentage of the population with insurance. The study found an increase in dental expenditure in Quebec from 1962-1991 and that all three independent variables had a positive effect on dental expenditure.

O'Neill & Largey (1997) found that the average cost per day of neonatal patients was directly affected by the costing model used. They caution decision makers to examine carefully the costing model used by a facility before implementing policy.

Economic models have become a popular form of studying health care because they can incorporate a wide variety of variables. Propper (1993) used a cell based model to "analyze the effects of demographic change on the level and distribution of public expenditure" (p. 149). Kenkel (1995) studied the impact of lifestyles for adult health. Goddard, Malek, & Tavakoli (1995) used an economic model where patients were able to select from the options of private treatment, National Health Service treatment and no hospital treatment for waiting list conditions. Erbsland, Ried, & Ulrich (1995) used a Grossman-style health model to look at the impact of pollution on the demand for health care. All of these models illustrate the advantage of applying statistical analysis to known variables in order to gain a greater understanding of their relationship.

While there were many studies that looked at costs, and other studies that modeled aspects of health care demand behaviors, no study could be found that modeled health care costs based upon demand behaviors. Additionally, no literature could be found that predicted specifically the costs of audiology, optometry or social work services.

Econometric models that study a variable's effect on cost, however, are generally based on the economic principle that quantity demanded is a function of price (Pindyck & Rubinfeld, 1991). While this economic principle is usually true when applied in the civilian health care industry, health care services in the MHS are a benefit, and therefore essentially free to the consumer. The economic principle that must be applied to military health care economics is then that cost is a function of quantity demanded and provided. The cost of care to the MHS is based on the quantity of care demanded by its beneficiaries, and provided by military, civilian, and contract personnel.

Administrators in the military health care industry often attempt to predict their costs based on what they know of past demand. For example, if they plan to replace military clinicians with civilian clinicians, most military planners just apply the costs of civilian care to the current known demand for care.

What this does not take in to consideration is the consumer's decrease in demand for health services when he perceives an increase in his personal cost. Military health care models that replace military clinicians with CHAMPUS services often fail to account for the reduction in demand caused by the co-payment. The RAND Corporation (Newhouse, 1993) found that when a co-payment was applied, there was a significant reduction in the use of health care services.

The HSEMM

The HSEMM is a decision support model that compares the predicted costs of the different provider options available to health care planners. It uses an unbiased Two-Stage Least Squares methodology and historical AMEDD cost data to develop its predictions. The HSEMM predicts the change in costs for a facility and/or the CONUS AMEDD in its totality when a military clinician is replaced:

1. By a civilian clinician working in the facility.
2. By a contract clinician working in the facility.
3. By the beneficiaries being sent out of the facility to receive their care under the local TRICARE option.

There are several advantages to the HSEMM when compared with the less sophisticated models in current use. The first advantage is that it uses a more advanced statistical analysis than most models. Most models use descriptive statistics based on historical data for one or a few facilities (Howes, 1996; Wagner, 1997). The HSEMM applies a two-stage least squares regression to all historical data available from the 29 selected CONUS facilities. This analysis is then used not to describe past outcomes but to help predict future ones (Perry, 1997).

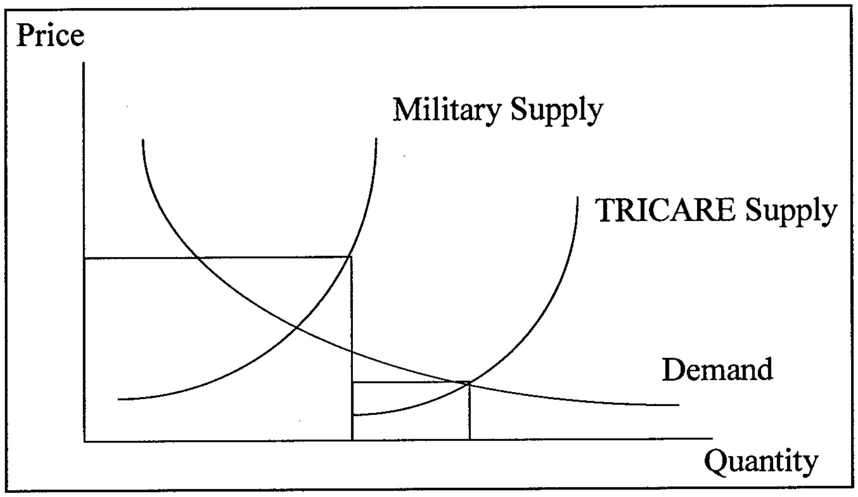
The HSEMM also uses more data than most models. Most models attempt to simply quantify the cost of the provider either through an assessment based on provider costs (life-cycle costing)(Howes,1996) or on total service costs (activity based costing) (Chan, 1993; Stiles & Mick, 1997; Upda, 1996). The HSEMM looks at the cost of the provider, the costs of having that service in the facility, and the behavior patterns of users of the facility compared to their civilian and contract counterparts.

Additionally, the HSEMM addresses health care economics from the perspective of the Military Health System (MHS) as opposed to the civilian industry. Aspects of how care is delivered in the military sector make it uniquely different from its civilian counterpart.

Figure 1 illustrates this difference and its impact on military health care economics. The horizontal axis represents the quantity of care provided or used. The vertical axis depicts the average cost or price of care. The downward sloping curve represents the actual demand for care in the system. The consumers of military health care perceive their benefit as either "free" or a "sunk cost" of their service benefit. Since any increase in the price of care is paid by the facility, and not the consumer, an increase in facility cost does not effect their demand. The first upward sloping curve represents the facility's supply of care. The second curve is the supply of care within our commercial (TRICARE or CHAMPUS) system. The second curve is pertinent only where it reflects the care supplied to meet demand not met by the military system. The large rectangle is the budget for military care, while the small rectangle reflects the beneficiary's cost for additional care obtained outside the military system. As military care (the large rectangle) decreases (in response to reductions in budget, personnel or efficiency), beneficiary cost (the small rectangle) increases as those services are sought outside and beneficiaries pay additional costs in co-payments. The rectangles, however, do not shift proportionally. As the cost of care (such as co-payments) increases for the beneficiary, their demand adjusts accordingly (Perry, 1998).

Figure 1

Military Health Care Economic Graph



(Perry, 1998)

What this captures, compared to other models, is a behavior first identified in the Health Insurance Experiment by the RAND Corporation (Newhouse, 1993), that consumers use less health care when they perceive that they have a greater cost. CHAMPUS/TRICARE provider options often increase the cost to the beneficiary and may, therefore, create this change in behavior. This subtle aspect of beneficiary behavior and its effect on cost is one of the most intriguing aspects of this model.

Purpose The purpose of this study is to use the HSEMM to predict the provider option for audiology, optometry, and social work that will cost the AMEDD the least. Those results will then be analyzed to recommend future manpower requirements to the AMEDD leadership.

Methods and Procedures

Data Used All data obtained for audiology, optometry, and social work was for outpatient services.

1996 data from Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) information system was used in order to establish the FY 1996 costs and workload of CHAMPUS. CHAMPUS data is submitted by beneficiaries seeking reimbursement for outsourced care. The data are collected by fiscal intermediaries (FIs) and managed care support (MCS) contractors who enter it using manual, semi-automated, and automated systems. This data can then be retrieved using the Retrospective Case-Mix Analysis System (RCMAS) or Resource Analysis and Planning System (RAPS) (VRI,1996). RCMAS was used to retrieve the data for this study. RCMAS was also used to retrieve all user data.

The cost and workload data for CONUS Military Treatment Facilities (MTFs) was obtained from the Medical Expense and Performance Reporting System (MEPRS). All AMEDD MTFs use the same coding and reporting systems. Direct, ancillary, support, and cost pool expenses are reported on the Direct Expense Schedule using appropriate stepdown processes and assignments. The military salaries captured in the direct expenses are computed using the DoD Annual Composite Standard Rates Table for pay grade and specialty. The civilian salaries are recorded based on the DoD Civilian Composite Pay Scale. Work-hour utilization for all MTF personnel is recorded using the Uniform Chart of Accounts Personnel Utilization System (UCAPERS). Workload data (for outpatient) is based on clinic visits and is obtained from the Composite Health Care System. (VRI,1996).

Population data for each MTF catchment area was obtained using the Defense Enrollment Eligibility Reporting System (DEERS). Beneficiaries are enrolled in DEERS by the personnel system. The personnel system tracks active duty beneficiaries. Retired beneficiaries are tracked using the annuity pay system and family members are entered through the DD Form 1172. DEERS is then used to obtain specific eligibility information and broad demographic data. (VRI,1996)

Variables Studied 22 variables were entered into each HSEMM model for each of the selected CONUS MTFs. The cost variables were the direct, ancillary, and overhead costs reported by each of the 29 CONUS MTFs in 1996 by MEPRS, and the CHAMPUS costs reported by each of these MTFs in 1996 by the CHAMPUS information system. This data was reported separately for each of the three services: audiology, optometry, and social work.

The workload variables were the number of MTF and CHAMPUS outpatient visits reported for each of the 29 catchment areas for each of the three services.

The full-time equivalent (FTE) variables included the number of enlisted, officer, civilian, and contract FTEs reported in 1996 by each of the 29 CONUS MTFs.

Several regressions were run initially on the population data in order to determine which categories had the strongest predictive value. The population variables were broken down into twelve specific categories: total population, officer family member, female active duty, active duty, age four and below, ages 5-14, ages 15-17, ages 18-24, ages 25-34, ages 35-44, ages 45-64 and 65 and over. These categories were then recorded into the HSEMM for each CONUS MTF catchment area.

The final variable used was whether or not each MTF's catchment area was overlapped by another. This information was recorded as a binary variable in the model.

(see Tab 1, Status Quo)

Validity and Reliability

Face Validity. Nachmias & Nachmias (1981) define face validity as "the investigator's subjective evaluation as to the validity of a measuring instrument…it concerns the extent to which it measures what it appears to measure" (p.141). The historical data available on the MHS legacy systems was the sole source for the data of this project. While there is ample opportunity for error in the compilation of this data, and frequent variation in data entries at the source, it is this investigator's opinion that there has been substantial improvement in entry in recent years and that these systems currently provide the best source available.

Sampling validity. While this model accepts the data from the majority of facilities currently in the Army system, it uses data from only one year (1996). The degree to which predictions of the future will be valid then, rests on how well 1996 reflects general cost and user behaviors of the MHS.

Reliability. Entry of the data was checked 6 times during separate iterations of the evolution of the HSEMM model. While variations and errors were found during the first four iterations, corrections were made and no subsequent variation was noted in the final two.

Method and Procedures Each of these variables was then totaled for all of the MTFs and averaged. Each individual MTF's entry was then subtracted from this average and re-entered to reduce error bias during the regressions. A series of five first stage regressions and three second stage regressions was then applied to the variables for each specialty.

The five first stage regressions were used to determine the relationships of the predictor variables to: CHAMPUS volume, MEPRS volume, CHAMPUS costs, direct MEPRS costs, and ancillary MEPRS costs. Each of these five first stage regressions used the population variables, the overlap variable, and the FTE variables as their independent variables. CHAMPUS volume used the number of reported CHAMPUS visits as its dependent variable. This regression gave us our estimated CHAMPUS quantity coefficients. The number of reported MEPRS visits was the dependent variable for MEPRS volume. From this regression we obtained our estimated MEPRS quantity coefficient. The CHAMPUS costs for each MTF catchment area served as the dependent variable for the CHAMPUS cost regression, which in turn provided the estimated CHAMPUS costs coefficient. Finally, the reported direct MEPRS costs and ancillary MEPRS costs were the dependent variables for the direct cost and ancillary cost regressions respectively. These in turn provided the estimated direct and ancillary MEPRS costs.

The second stage regressions used the predictions from the first stage regressions as independent variables to predict CHAMPUS costs, direct MEPRS costs, and ancillary MEPRS costs. The CHAMPUS cost regression used the predictions from estimated CHAMPUS quantity, estimated MEPRS quantity, and estimated direct and ancillary

MEPRS costs as its independent variables. CHAMPUS costs remained the dependent variable. The direct MEPRS costs regression uses the estimated ancillary MEPRS costs, estimated CHAMPUS costs, and estimated CHAMPUS and MEPRS quantities as its independent variables. Direct MEPRS costs are the dependent variable. Ancillary MEPRS costs uses the estimated direct MEPRS and CHAMPUS costs and the estimated MEPRS and CHAMPUS quantities as its independent variables. Ancillary MEPRS costs are, of course, the dependent variable.

The results of the three second stage regressions are then used to predict the total estimated costs of the status quo.

Each of the three provider alternatives is then applied separately using the HSEMM model. In alternative one, the officer FTEs are replaced by civilian FTEs and the model is applied accordingly. The results then reflect the overall predicted change in expected costs per MTF on the results page. In alternative two, the officer FTEs are replaced with contract FTEs and the model is again applied. Alternative two results reflect the change in expected costs. In alternative three the officer FTEs are replaced with CHAMPUS care. Alternative three results reflect the change in expected costs for this option.

Findings

Audiology The R Squares for the five first stage regressions for audiology ranged from .9 to .96. The R Squares for the three second stage regressions ranged from .73 to .88 (see Table 2). Each of these highlights the strong predictive nature of this data.

Optometry The R Squares of the five first stage regressions ranged from .84 to .97. The second stage regression R Squares ranged from .09 to .79 (see Table 2).

Social Work The five first stage regressions had R Squares from .87 to .98. The second stage regressions had an R Square from .24 to .87 (see Table 2).

Table 2

RSquares for the regressions of audiology, optometry, and social work variables.

Regression	Audiology	Optometry	Soc. Work
1	.90	.84	.89
2	.91	.86	.98
3	.91	.85	.87
4	.93	.93	.94
5	.96	.97	.88
6	.88	.79	.86
7	.73	.60	.87
8	.75	.09	.24

Savings

While results varied in magnitude between MTF catchment areas, each MTF showed a similar loss or savings for each of the three alternatives. The change in overall costs in audiology ranged from a potential increase in cost of $10 million to a predicted savings of $3.9 million. It is important to note however, that all audiology contract data came from contracts in the Washington, DC area and the model may predict contract costs in excess of a normal national average. The change in cost for optometry service ranged from an increase in cost of $357,000 to a savings of $2.3 million. Changing the provider mix of social work is predicted to create a change in costs ranging from an increase of $2 million to a savings of $1.7 million (see Table 3). Using civilian social workers would result in an estimated loss to the government of $2 million. Replacing military social workers with contract social workers would result in an estimated savings of $1.7 million. Outsourcing to TRICARE would save an estimated $276,000.

Additionally, all of these losses and savings were shown to be significant at the 95% confidence level except for Social Work TRICARE savings. Table 3 lists the confidence levels for each specialty.

Table 3

Change in overall cost for provider alternatives.

Alternative	Audiology	Optometry	Social Work
Civilian	$2 million increase	$357K increase	$2 million increase
Contract	$10 million increase	$1 million savings	$1.7 million savings
TRICARE	$3.9 million savings	$2.3 million savings	$276K savings
95% Confidence	+/- $250K	+/- $308K	+/- $420K

These savings, however, reflect the total savings possible if all members of a specialty were to be replaced with provider alternatives. Since there are readiness requirements for many of these clinicians, Table 4 illustrates the percentage of saving that could be earned by replacing only the make/buy portion. The total savings gained by replacing only the make/buy portion with its most cost effective alternative is $3.2 million.

Table 4

Savings gained by Make/Buy portion only.

	Audiology	Optometry	Social Work
Civilian	$1.1million increase	$157K increase	$700K increase
Contract	$5.6million increase	$440K savings	$595K savings
TRICARE	$2.2 million savings	$101K savings	$97K savings

Analysis

The two previous tables addressed the clinician alternatives from a pure total savings perspective. Deeper analysis of the model results allow one to see these savings from a very different light. For example, the savings associated with the TRICARE alternative not only reflects a decrease in the quantity of care provided but, in the cases of optometry and social work, there is also an increase in per unit cost for service when compared with the status quo. Essentially, while saving, we are getting less for more.

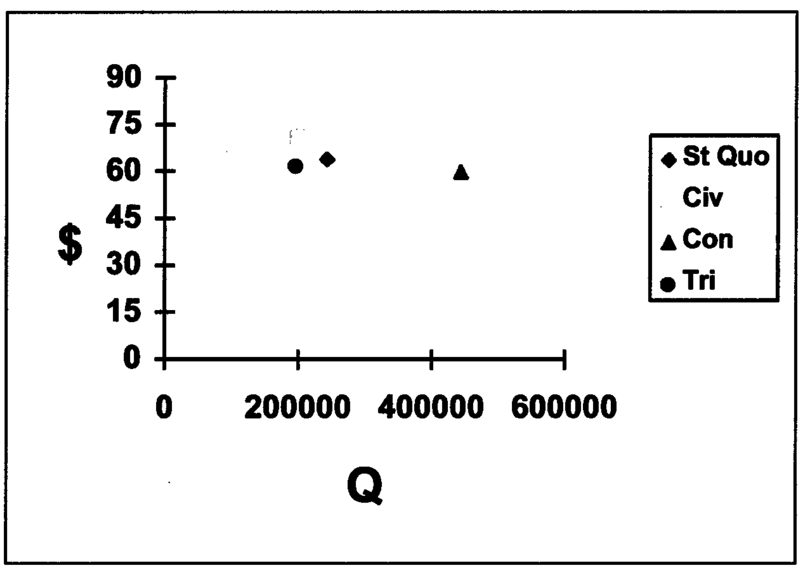
Tables 5,6, and 7 allow us to look at the results and compare their efficiency. If we assume that all workload performed is necessary, then the option that we want to select is the option that provides the greatest quantity of health care at the lowest cost. These results differ significantly from a comparison of the options from a pure total savings basis.

The x axis in each of these tables reflects the predicted quantity for each provider option. The y axis is the average predicted cost per service. The four points reflect the intersection of cost and quantity for the status quo, civilian, contract and TRICARE options. If the desired goal is the greatest quantity of care for the least cost, the best option would be the option to the furthest right and lowest portion of the graph.

While the contract option is predicted to provide an increase in cost for audiology services over the status quo, the graph shows it as the best option. Although it is predicted to result in an overall increase in the cost of care, the graph shows that it is actually providing a great deal more care than any other option at a substantially lower average cost (see Figure 2). It is predicted to provide more than twice the care predicted of the TRICARE option at an average price of $2 less. If excessive utilization is a problem, this alternative could be modified to replace military FTEs on a less than one for one basis.

Figure 2

Analysis of clinician options for audiology.

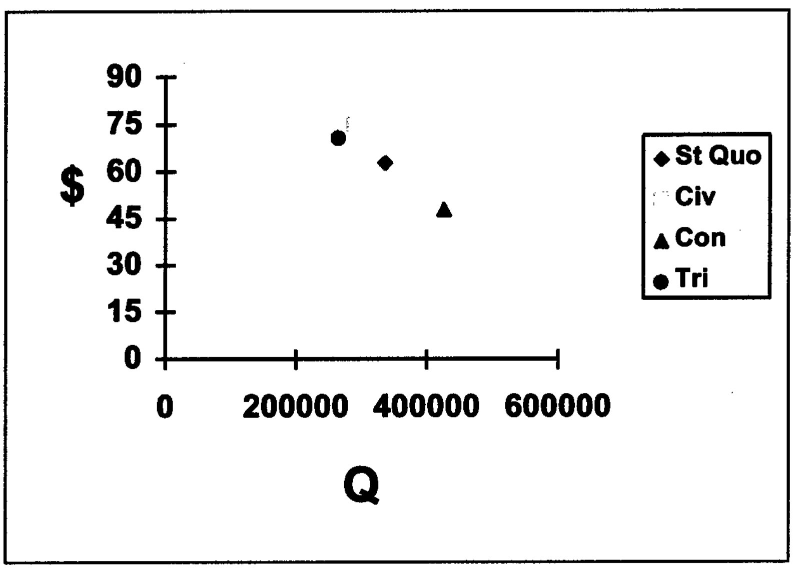


One would also choose the TRICARE option in order to save money in Optometry services if Figure 3 were not examined. Figure 3 shows that TRICARE achieves that savings by reducing the optometry workload by more than 20%. TRICARE actually costs substantially more than the contract option. Selecting the contract option provides not only a total cost savings to the MHS but also a per unit cost savings as well.

The behaviors and savings associated with optometry are likely to be affected by the new optometry TRICARE benefit which does not require a co-payment. Additional study of this specialty is required when 1997 data become available.

Figure 3

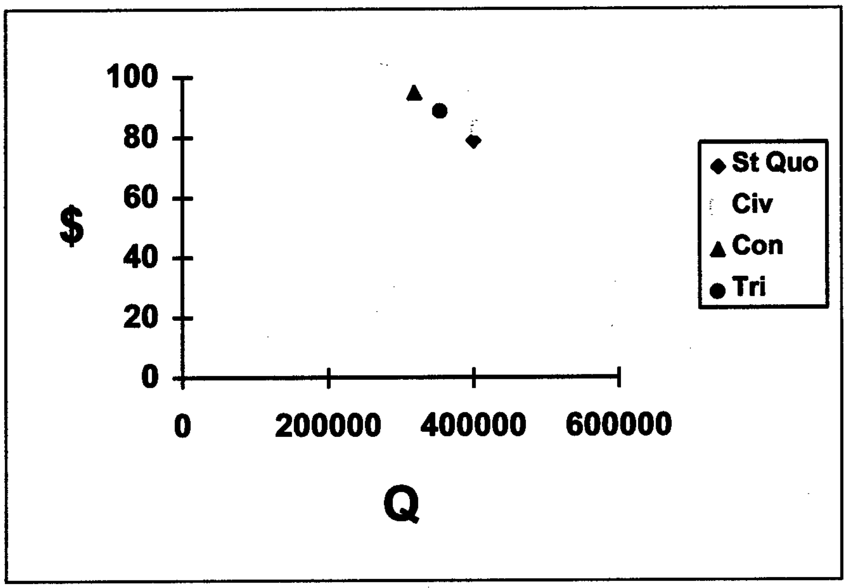
Analysis of clinician options for optometry.



Again, social work options differ greatly when compared. Total savings would indicate that the contract option should be selected. Figure 4 shows that the contract option costs more per unit than any other option. Of the three alternatives, the civilian choice is the most efficient. Remaining with the status quo, however, reflects the best cost/workload ratio.

Figure 4

Analysis of clinician options for social work service.



Recommendations

It is important to note at this point that cost is not the only factor that decision makers should consider. Issues of quality and access are also key. The saying "you get what you pay for" applies in health care as well as anywhere else. The lowest cost may not offer the best care. It is important to look at the quality of the options in each local market before any decision is made based on this project's analysis.

Access is important from many perspectives. There are facilities in such austere locations that finding a provider in their local market may prove more difficult or costly than this project would reflect. Additionally, the savings reflected by many of these options is actually gained by a reduction in access.

It is also important to note that, in general, our Army's leaders have a negative opinion of our beneficiaries being required to make co-payments.

If the AMEDD selected the most cost effective course of action for each of these services to replace the make/buy portion, it could result in a potential savings of approximately $3.8 million. Although a substantial amount of money, it is important to place this savings in an appropriate perspective. The preponderance of this savings has been gained by reducing the quantity of health care provided and shifting a portion of our costs to the beneficiaries.

Selecting the most efficient provider option results in an increase cost of more than $5.8 million. While this option would provide substantially more health care to our beneficiaries, the goal of the MHS at this time (and of this project) is not to increase costs.

Audiology

Recommend that military audiologists be retained. The TRICARE option, while predicting a savings, reflects an over 20% decrease in patient workload. The Army places great emphasis on protecting not only the present health, but the future health of its soldiers and families. In particular, the increased efforts by the MHS to improve hearing conservation initiatives and reduce hearing loss indicate the importance the military places on auditory health. A reduction of workload this great is likely to have a negative impact on the health of the beneficiaries.

Neither the civilian option nor the contract option offers a savings to the MHS. The civilian option predicts an increase in cost and a decrease in quantity while the contract option reflects a decrease in cost but a substantial increase in quantity. If the facility administrator does not expect the quantity of workload to increase at his/her facility (can control the contractor's workload, etc.), the contract option is feasible and might provide a reduction in savings at that facility. The contract option does predict the lowest average cost per unit for this specialty.

Optometry

Recommend that military optometrists above those justified by the DOD sizing model be replaced with contract optometrists. Again, while the TRICARE option predicts the largest total savings, it also predicts a reduced workload. One objective of a pro-active managed care environment is prevention. A robust optometry service assists in those prevention measures, a reduction in service does not. My personal experience is that beneficiaries are willing to wait over a year for optometry service rather than pay a co-payment. This behavior reflects a poor prevention posture.

Contract optometrists, however, are predicted to provide more care for less and with a total savings. This option is win/win for a health care administrator. The preponderance of the contract data for the optometry model came from fairly rural areas (such as Redstone Arsenal, Ft Campbell, Ft Riley). Administrators should use caution when anticipating a like savings in a more competitive workforce market.

Social Work

Recommend that military social workers be retained. Contract and TRICARE providers, while they offer a substantial total savings, achieve this through a 20%

reduction in workload. The MHS prides itself on balancing cost, quality and access and a reduction of services to this degree would not only affect that balance, it has the potential to create a negative impact on readiness as well. Nothing is more debilitating to the deploying unit than a soldier unsuccessfully coping with personal or family problems.

Civilian providers are predicted to offer slightly more care at a slightly higher cost. There is no benefit to replacing military clinicians with them.

Further study of these specialties, using the HSEMM is also recommended. The MHS remains in a state of flux as different TRICARE contracts are evolving across the TRICARE regions. Running the HSEMM model again using 1997 data when it becomes available may provide very different results.

The savings and manpower quantities reflected in this project are only a small portion of the overall MHS budget and strength. It is important that we begin to look at all the diverse specialties that comprise the AMEDD individually. We need to understand what they "bring to the table". Many providers not only perform an important war time mission in the care of soldiers but also provide a cost effective, peace time health benefit that we must be able to convey clearly to policy makers as they continue to redefine our forces. It is this cost effective, health benefit that adds depth to the value of our AMEDD forces. It is the opportunity to provide peace time care that ensures we have a ready health care force. The interaction of these two missions is what makes Army Military Medicine the envy of the world.

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Tab 1
HSEMM Status Quo and Results

Audiology

			ALTERNATIVE #1		ALTERNATIVE #2		ALTERNATIVE #3	
		STATUS QU	MILITARY TO CIVILIAN		MILITARY TO CONTRACT		MILITARY TO TRICARE	
DMISID	LOCATION	EST. COST	EST. COST	SAVINGS	EST. COST	SAVINGS	EST. COST	SAVINGS
1	REDSTONE	($10,997)	($10,997)	$0	($10,997)	$0	($10,997)	$0
3	RUCKER	$340,044	$256,489	$83,554	$777,150	($437,106)	$178,457	$161,587
5	WAINWRIGHT	$246,069	$158,175	$87,894	$705,876	($459,807)	$76,090	$169,979
8	HUACHUCA	$9,498	$9,498	$0	$9,498	$0	$9,498	$0
32	CARSON	$549,541	$461,222	$88,319	$1,011,574	($462,033)	$378,740	$170,802
37	WRAMC	$3,838,459	$3,606,430	$232,029	$5,052,296	($1,213,837)	$3,389,734	$448,725
47	DDEAMC	$544,627	$544,627	($0)	$544,627	$0	$544,627	$0
48	BENNING	$274,806	$253,449	$21,357	$386,531	($111,725)	$233,504	$41,302
49	STEWART	$160,607	$160,607	$0	$160,607	$0	$160,607	$0
52	TAMC	$1,358,545	$1,150,425	$208,120	$2,447,304	($1,088,759)	$956,058	$402,486
57	RILEY	$247,088	$161,236	$85,852	$696,212	($449,124)	$81,058	$166,030
58	LEAVENWORTH	($18,351)	($18,351)	($0)	($18,351)	$0	($18,351)	$0
60	CAMPBELL	$560,310	$470,119	$90,191	$1,032,136	($471,825)	$385,889	$174,422
61	KNOX	$547,284	$458,028	$89,255	$1,014,212	($466,929)	$374,672	$172,612
64	POLK	$413,506	$328,505	$85,001	$858,179	($444,673)	$249,122	$164,384
69	MEADE	$416,364	$316,303	$100,061	$939,823	($523,459)	$222,854	$193,509
75	L. WOOD	$490,645	$490,645	$0	$490,645	$0	$490,645	$0
86	WEST PT	$259,991	$258,629	$1,361	$267,112	($7,122)	$257,358	$2,633
89	BRAGG	$614,248	$514,357	$99,891	$1,136,817	($522,569)	$421,068	$193,180
98	SILL	$455,179	$344,056	$111,122	$1,036,503	($581,324)	$240,278	$214,901
105	JACKSON	$322,649	$322,649	$0	$322,649	$0	$322,649	$0
108	WBAMC	$691,741	$600,869	$90,872	$1,167,127	($475,386)	$516,003	$175,738
109	BAMC	$677,954	$589,464	$88,489	$1,140,877	($462,923)	$506,823	$171,131
110	HOOD	$853,313	$678,547	$174,766	$1,767,586	($914,273)	$515,330	$337,983
121	EUSTIS	$120,439	$120,439	($0)	$120,439	($0)	$120,439	$0
122	LEE	$98,901	$98,901	($0)	$98,901	($0)	$98,901	$0
123	BELVOIR	$1,131,010	$1,101,059	$29,950	$1,287,691	($156,682)	$1,073,089	$57,921
125	MAMC	$878,179	$644,534	$233,646	$2,100,474	($1,222,295)	$426,328	$451,851
131	IRWIN	$408	$408	($0)	$408	($0)	$408	$0
TOTAL SAVINGS				$2,001,729		($10,471,850)		$3,871,174
95% CONFIDENCE		$250,488						

ID	LOCATION	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A
1	REDSTONE	0	0	0	750	0	9	28741	9293	939.9638
3	RUCKER	93067	178214.3	93067	0	6739	0	31885	11939	2050.655
5	WAINWRIGHT	50637.83	92950	50637.83	0	4509	0	21000	3051	2290.454
6	HUACHUCA	0	0	0	2240	0	12	24893	5808	1761.45
32	CARSON	83658	239154.3	83658	3162	3659	13	78272	14016	8578.129
37	WRAMC	1593496	1043305	1593496.3	494	19062	4	47311	24018	1423.706
47	DDEAMC	39335.17	226564	39335.17	87695	5951	173	52243	9287	2999.838
48	BENNING	36876.93	187885.1	36876.93	91	9948	1	73538	11435	4962.101
49	STEWART	59838.99	310693.7	59838.99	17784	10514	181	63704	9408	5709.013
52	TAMC	401128	488707	401128	33242	20167	85	144695	29036	14106.6
57	RILEY	20322.95	100121	20322.95	6337	3498	45	34385	4416	3773.878
58	LEAVENWORTH	0	0	0	5417	0	23	40287	16284	1977.789
60	CAMPBELL	180907	149303	180906.96	23608	20351	82	78358	12267	8193.774
61	KNOX	151961.8	238769.4	151961.61	2198	6957	2	56941	8499	3165.404
64	POLK	109636.2	213828.3	109636.21	4582	10321	7	28410	4038	3003.675
69	MEADE	16524.74	243218.4	16524.74	1785	5552	5	80349	29338	3858.069
75	L. WOOD	111725.4	146918.8	111725.37	1827	6479	17	34729	3451	1831.259
88	WEST PT	57202.99	75870	57202.99	2119	2422	7	30043	14833	1153.099
89	BRAGG	104533.5	258408	104533.45	0	15808	0	180688	26173	14333.28
98	SILL	90126.61	244692.2	90126.61	1947	17382	10	55813	7800	4334.473
105	JACKSON	84291.35	189115	84291.35	0	4511	0	57297	9012	2126.838
108	WBAMC	154121.9	330756	154121.87	3808	8338	0	58269	12990	3414.857
109	BAMC	77419.4	469800.2	77419.4	17794	5979	228	97193	31778	4893.096
110	HOOD	144903.7	297555	144903.74	221021	42165	1313	133931	19382	12179.92
121	EUSTIS	36903.58	96944.98	36903.58	2976	3548	14	46723	11439	3790.163
122	LEE	20267.11	108734	20267.11	976	870	5	38392	9844	1344.906
123	BELVOIR	547632.4	199511	547632.37	11296	8030	29	125517	70272	6569.054
125	MAMC	152145.5	518753.4	152145.48	187206	7703	1141	142188	31191	10175
131	IRWIN	0	0	0	12407	0	59	14783	2735	1824.578

ID	AGE B	AGE C	AGE D	AGE E	AGE F	AGE G	AGE H	FEMADLT	OVERLAP	EFTE	OFTE	CFTE	CONTR	TOT COST
1	2661.572	995.7677	1881.181	1326.468	2500.045	6113.213	1505.257	6907.875	0	0	0	0	0	0
3	4164.984	1194.06	2830.658	3989.641	3093.339	5872.82	1395.631	8918.734	0	21.18	0.818333	0.429167	0	362348
5	3305.552	678.094	3881.138	5289.919	2593.345	1363.142	171.888	5806.173	0	10.24	0.880833	0	0	194226
6	3354.376	885.5035	3302.132	3872.232	3099.855	3900.341	1048.08	7271.761	0	0	0	0	0	0
32	11287.37	2832.114	11082.17	13836.82	9737.538	11341.44	3424.401	22158.17	1	10.57	0.865	0.8025	0	408470
37	3259.79	1002.28	3538.948	8255.415	8028.767	8749.972	5533.329	12994.15	1	12.73	2.2725	7.9575	1.1775	4230297
47	6859.497	2240.353	5327.888	5551.198	6211.798	10401.28	3855.103	15805.98	0	0	0	0	0.615	305234
48	9688.076	2598.889	13052.18	10584.45	6973.888	10082.03	4187.277	19570.94	0	2.88	0.209167	0.215833	0	261639
49	9531.041	2213.875	12873.42	13194.05	7342.882	6222.169	1117.704	16866.43	0	0	0	0	0	430372
52	21442.61	3933.072	23828.54	31545.2	17585.56	11468.42	4534.917	38218.93	0	33.55	2.038333	5.504167	0	1290963
57	5931.369	1167.593	6995.893	6879.196	3818.959	3192.781	883.7728	9549.423	0	0	0.840833	0	0	140767
58	4871.145	1285.922	5446.193	3687.625	4887.195	6180.594	1324.877	6880.015	0	0	0	0	0	0
60	12070.08	2462.762	13710.19	17327.35	8374.132	7697.131	1170.672	20818.79	0	10.16	0.883333	0.9625	0	471117
61	7086.604	2140.106	8767.22	7105.009	6063.585	7898.242	1420.636	12889.59	0	12.57	0.674167	2.105	0	542693
64	4789.181	1006.025	5122.042	5652.739	3122.182	3454.972	836.4678	8366.097	0	21	0.8325	0.838333	0	433101
69	8123.525	2076.299	10454.75	11357.04	7549.331	8107.512	3274.289	16864.64	1	0	0.98	0.920833	0	276266
75	4069.677	1261.859	9409.653	4451.44	3335.93	4143.577	1473.288	9383.13	0	3.81	0	2.6525	0	370370
88	2908.499	652.8612	6428.316	2264.156	2103.2	3307.338	1735.775	5715.231	0	12.29	0.013333	0.849167	0	190276
89	22807.64	4943.666	26587.21	33061.1	16392.19	17391.39	3596.15	42841.94	0	27.77	0.978333	2.0075	0	485473
98	7391.187	1776.164	11950.35	9001.5	5505.346	6129.66	1824.936	13643.92	0	6.95	1.088333	0	0	424945
105	5158.803	1790.144	13735.18	5399.633	4681.51	8419.551	2525.381	16126.77	0	32.13	0	0.880833	0	337698
108	6921.736	2242.068	6683.435	6255.099	5998.231	10882.54	4974.507	17545.54	0	39.13	0.89	2.190833	0	839000
109	10910.61	3739.136	8058.915	9848.723	11173.15	20554.85	8887.96	30120.66	1	10.21	0.666667	1.284167	0	824639
110	18544.66	4496.464	26507.1	27872.74	15057.63	13280.46	2174.147	36290.34	0	36.25	1.711667	0.921667	0	587362
121	6857.235	1730.554	5124.792	8050.969	5044.072	6577.663	1729.729	13150.66	1	9.09	0	0	0	170752
122	3209.783	1070.711	2985.662	3592.904	3527.742	5665.116	1697.798	8405.029	1	23.3	0	0	0	147268
123	19511.85	6214.767	12121.92	10111.57	14147.39	24621.11	6363.637	37247.17	1	27.82	0.293333	0.9025	0.274167	1294776
125	17098.76	4090.281	15674.08	18490.63	13004.25	18496.57	7419.933	34826.18	0	0	2.288333	2.485833	0	821044
131	2605.013	393.6858	2747.981	3348.505	1749.01	603.888	146.888	3723.003	0	0	0	0	0	0

Audiology

	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A	AGE B	AGE C	AGE D	AGE E	AGE F	AGE G	AGE H	FEMADLT	OVERLAP	EFTE	OFTE	CFTE	CONTR	TOT COST
AVERAGE	151678.08	228338.82	151678.08	22515.79	8567.82	119.48	84771.66	15614.93	4848.45	8501.45	2177.06	9651.97	9906.32	7058.54	8699.99	2759.11	17265.11	0.24	12.53	0.68	1.17	0.07	#######

#DIV/0!

CHAMPUS VOLUME COEFFICIENTS
MEPRS VOLUME COEFFICIENTS
CHAMPUS COST COEFFICIENTS
DIRECT COST COEFFICIENTS
ANCILLARY COST COEFFICIENTS

CHAMPUS VOLUME

SUMMARY OUTPUT

MEPRS VOLUME

SUMMARY OUTPUT

CHAMPUS COSTS

SUMMARY OUTPUT

DIRECT COSTS

SUMMARY OUTPUT

CHAMPUS VOLUME MATRIX

MEPRS VOLUME MATRIX

SUMMARY OUTPUT

SUMMARY OUTPUT

SUMMARY OUTPUT

SUMMARY OUTPUT

OVERLAP	EFTE	OFTE	CFTE	CONTR	EANCM1	ECC1	EQC1	EQM1	EDCM1	EANCM1	ECC2	EDCM2	EANCM2	MCHAT	MQHAT	CCHAT	CQHAT	TCHAT	SQ: OFTE	CFTE	CONTR	A1: OFTE	CFTE	CONTR	A2: OFTE	CFTE	CONTR	A3: OFTE	CFTE	CONTR	ERROR
-0.24138	-12.5321	-0.67603	-1.16934	-0.07126	-180797.6	-27424	-137.327	-11820	-190366	-180798	-23587	-136151	-253790	-9925.94	-3252	-1070.84	-17.8446	-10997	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	1.38E+08
-0.24138	8.647931	0.142299	-0.74017	-0.07126	-23384.41	-38437	-201.652	-3047.7	-93991	-23384	-33306	-48139	-74107	350835.6	5519.9	-10781.794	-82.1689	340044	0.142299	-0.74017	-0.07126	-0.67603	0.078161	-0.07126	-0.67603	-0.74017	0.747069	-0.67603	-0.74017	-0.07126	4.97E+08
-0.24138	-2.29207	0.184799	-1.16934	-0.07126	-129964	469.48	-7.30638	78.9521	-107212	-129964	-1237.9	-77099	-128763	224791	8644.6	21277.857	112.1764	246069	0.184799	-1.16934	-0.07126	-0.67603	-0.30851	-0.07126	-0.67603	-1.16934	0.789569	-0.67603	-1.16934	-0.07126	2.89E+09
-0.24138	-12.5321	-0.67603	-1.16934	-0.07126	-204529.2	-28018	-159.746	-8451.14	-180049	-204529	-27595	-153822	-211616	14577.56	116.48	-5079.5136	-40.265	9498	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	52679201
0.758621	-1.96207	0.166966	-0.36684	-0.07126	-10467.72	-36403	-155.313	1103.43	81659.6	-10468	-27363	-19999	110714	554388.1	9871.1	-4846.9103	-35.8305	549541	0.166966	-0.36684	-0.07126	-0.67603	0.498161	-0.07126	-0.67603	-0.36684	0.793736	-0.67603	-0.36684	-0.07126	1.96E+10
0.758621	0.197931	1.596466	6.788161	1.106236	1378449	-20566	-153.661	10022.5	769217	1378449	-19929	756067	1104293	3835872	18590	2586.6464	-34.3766	3838459	1.596466	6.788161	1.106236	-0.67603	9.080661	1.106236	-0.67603	6.788161	3.378736	-0.67603	6.788161	1.106236	1.54E+11
-0.24138	-12.5321	-0.67603	-1.16934	0.543736	17688.44	62845	133.46	-1999.8	46017.6	17688.4	22013	-19633	100381	500098.1	8587.5	44529.169	252.943	544627	-0.67603	-1.16934	0.543736	-0.67603	-1.16934	0.543736	-0.67603	-1.16934	0.543736	-0.67603	-1.16934	0.543736	2.3E+10
-0.24138	-9.85207	-0.46687	-0.95351	-0.07126	-225439.6	-45115	-311.346	-2352.71	-19327.1	-225440	-55807	-197125	88130.6	307896.9	8214.9	-33090.959	-191.863	274806	-0.46687	-0.95351	-0.07126	-0.67603	-0.74434	-0.07126	-0.67603	-0.95351	0.137902	-0.67603	-0.95351	-0.07126	1.71E+08
-0.24138	-12.5321	-0.67603	-1.16934	-0.07126	-219998.6	8421.4	22.8181	2261.63	-153590	-219999	3809.7	-123713	-181660	134481.2	10829	26125.478	142.3008	160607	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	8.27E+10
-0.24138	21.01793	1.362299	4.334828	-0.07126	272724.7	3833.4	-28.9849	9104.51	270963	272725	-4921.5	148841	410967	1340950	17672	17584.309	90.4979	1358545	1.362299	4.334828	-0.07126	-0.67603	6.373161	-0.07126	-0.67603	4.334828	1.967069	-0.67603	4.334828	-0.07126	1.18E+09
-0.24138	-12.5321	0.184799	-1.16934	-0.07126	-94032.66	-7926.4	-45.2869	-1145.12	-91268.6	-94033	-7562.4	-82574	-105630	232134.1	7422.5	14853.405	74.21585	247088	0.184799	-1.16934	-0.07126	-0.67603	-0.32651	-0.07126	-0.67603	-1.16934	0.769569	-0.67603	-1.16934	-0.07126	1E+10
-0.24138	-12.5321	-0.67603	-1.16934	-0.07126	-146922.1	-23850	-125.318	-10865.5	-217617	-146922	-20621	-115608	-284653	-20245.3	-2298	1894.7179	-5.83479	-18351	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	5.65E+08
-0.24138	-2.37207	0.207299	-0.20684	-0.07126	15813.16	16421	126.476	9394.9	-48019.2	15813.2	23134	49550	-75611	514661.1	17963	45649.337	245.9586	560310	0.207299	-0.20684	-0.07126	-0.67603	0.676494	-0.07126	-0.67603	-0.20684	0.812069	-0.67603	-0.20684	-0.07126	4.3E+09
-0.24138	0.037931	0.196132	0.935661	-0.07126	7277.575	-9237.7	-42.5773	-1128.3	-1911.62	7277.58	-7191	-2373.6	2355.59	531958.7	7439.3	15324.798	78.90546	547284	0.196132	0.935661	-0.07126	-0.67603	1.809828	-0.07126	-0.67603	0.935661	0.802902	-0.67603	0.935661	-0.07126	5733406
-0.24138	8.467931	0.156466	-0.33101	-0.07126	2943.014	-47625	-288.271	-1084.3	-72496.3	2943.01	-47515	-52930	1783.91	438504.8	7483.3	-24998.999	-166.789	413506	0.156466	-0.33101	-0.07126	-0.67603	0.501494	-0.07126	-0.67603	-0.33101	0.761236	-0.67603	-0.33101	-0.07126	5.85E+08
0.758621	-12.5321	0.303966	-0.24651	-0.07126	-81950.65	-15355	-30.5638	-2723.65	47665.6	-81951	-6924.9	-30847	35080.3	400772.6	5843.8	15590.933	88.91886	416364	0.303966	-0.24651	-0.07126	-0.67603	0.731494	-0.07126	-0.67603	-0.24651	0.908736	-0.67603	-0.24651	-0.07126	1.91E+10
-0.24138	-8.72207	-0.67603	1.483161	-0.07126	53142.29	-32752	-130.866	-1746.65	-25011.3	53142.3	-21281	17775	-20105	489409.9	6620.6	1234.6401	-11.3631	490645	-0.67603	1.483161	-0.07126	-0.67603	1.483161	-0.07126	-0.67603	1.483161	-0.07126	-0.67603	1.483161	-0.07126	1.4E+10
-0.24138	-0.24207	-0.6627	-0.32017	-0.07126	-25860.48	-17057	-72.733	-2146.7	-133492	-25860	-10778	-24381	-164584	248253	6420.9	11737.53	46.74971	259991	-0.6627	-0.32017	-0.07126	-0.67603	-0.30684	-0.07126	-0.67603	-0.32017	-0.05793	-0.67603	-0.32017	-0.07126	4.57E+09
-0.24138	15.23793	0.302299	0.838161	-0.07126	-23290.31	-4762.6	-49.5649	10686.6	47737	-23290	-8825.2	-14274	130083	600357.6	19254	13890.551	69.91768	614248	0.302299	0.838161	-0.07126	-0.67603	1.816494	-0.07126	-0.67603	0.838161	0.907069	-0.67603	0.838161	-0.07126	2.21E+10
-0.24138	-5.56207	0.412299	-1.16934	-0.07126	-75907.64	5165.9	53.0661	4817.61	-13122.8	-75908	8614.2	-22766	-23325	424048.6	13385	31130.01	172.5689	455179	0.412299	-1.16934	-0.07126	-0.67603	-0.08101	-0.07126	-0.67603	-1.16934	1.017069	-0.67603	-1.16934	-0.07126	8E+08
-0.24138	19.59793	-0.67603	-0.28851	-0.07126	-85557.84	-16828	-77.3862	-2296.63	-77481.1	-85558	-13208	-60550	-90415	313341.2	8271	9308.0925	42.09458	322649	-0.67603	-0.28851	-0.07126	-0.67603	-0.28851	-0.07126	-0.67603	-0.28851	-0.07126	-0.67603	-0.28851	-0.07126	2.26E+08
-0.24138	26.59793	0.213966	1.021494	-0.07126	-21835.7	8718.5	25.1359	1481.22	107838	-21836	2438.5	-11787	144417	666786.5	10049	24954.339	144.6186	691741	0.213966	1.021494	-0.07126	-0.67603	1.911494	-0.07126	-0.67603	1.021494	0.818736	-0.67603	1.021494	-0.07126	2.39E+09
0.758621	-2.32207	0.190632	0.114828	-0.07126	-45912.5	255.84	152.011	-4443.54	219167	-45913	21487	29160	147357	633951.1	4124.1	44002.528	271.494	677954	0.190632	0.114828	-0.07126	-0.67603	0.981494	-0.07126	-0.67603	0.114828	0.795402	-0.67603	0.114828	-0.07126	1.26E+09
-0.24138	23.71793	1.035632	-0.24767	-0.07126	-17665.57	174306	1045.54	31289.3	105399	-17666	178014	221223	-93358	652783.2	39857	200529.62	1165.025	853313	1.035632	-0.24767	-0.07126	-0.67603	1.463994	-0.07126	-0.67603	-0.24767	1.640402	-0.67603	-0.24767	-0.07126	2.02E+09
0.758621	-3.44207	-0.67603	-1.16934	-0.07126	-140252.1	3831.4	5.00551	-8389.01	-156535	-140252	830.83	-92327	-227498	97092.7	176.61	23346.622	124.4883	120439	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	2.84E+09
0.758621	10.76793	-0.67603	-1.16934	-0.07126	-182145	-39103	-250.66	-5948.12	-135435	-182145	-43471	-163844	-116582	119655.8	-380.5	-20954.976	-131.197	98901	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	2.43E+09
0.758621	15.28793	-0.3827	-0.26684	0.202902	376434.2	-11788	-104.978	-1694.62	-25431.4	376434	-12763	184296	9313.74	1121257	6672.8	9753.0812	14.50469	1131010	-0.3827	-0.26684	0.202902	-0.67603	0.026494	0.202902	-0.67603	-0.26684	0.498236	-0.67603	-0.26684	0.202902	3.06E+10
-0.24138	-12.5321	1.612299	1.316494	-0.07126	-31749.25	156030	935.033	1062.73	258418	-31749	154388	156798	12317.2	701278	9630.3	176903.32	1054.516	878179	1.612299	1.316494	-0.07126	-0.67603	3.604828	-0.07126	-0.67603	1.316494	2.217069	-0.67603	1.316494	-0.07126	1.69E+10
-0.24138	-12.5321	-0.67603	-1.16934	-0.07126	-176809	-18068	-126.823	-6817.38	-211526	-176809	-21041	-135786	-245298	-1066.88	1750.2	1474.6083	-7.3406	408	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	-0.67603	-1.16934	-0.07126	1.44E+08
																															122308.7
																															250488.2

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	531893	8568	22516	119	554209
-204.926	-5.41862	42.0089	-25.152	235.2916														
-424.319	80.06676	2842.239	178.3232	12415.16														
-43926.7	-457.99	-91.8185	-8461.19	95773.2			169.73	0.07695	-0.01545	0.01277								
54229.86	-523.976	107545.4	36200.65	227963.8	0.568822	-1.2832	399.729	1.18175										
108466.9	14.34187	96691.14	95534.48	555585.1		2.3889	-736.01	4.16513	1.26452									

CHAMPUS COST MATRIX

49.4648	67.90655	-28.3995	29.41119	-16.7679	-209450.4	-12480	-472316	671022	-305664	55630.2	247114	-76719	99616.8	2322.061	-43973	10602.997	5739.568	62.0725	9893.997	-6825.22
49.4648	-46.8599	5.977818	18.6168	-16.7679	-192336.6	-7256.3	-330657	513565	-254355	48832.9	170410	-68474	106874	2525.103	-35432	10602.997	-3960.67	-13.0657	8262.737	-6825.22
49.4648	12.41986	7.763196	29.41119	-16.7679	-254449.7	-24801	-300316	618198	-387864	41312.6	132690	-77108	282542	4791.42	-49500	10602.997	1049.746	-16.968	9893.997	-6825.22
49.4648	67.90655	-28.3995	29.41119	-16.7679	-231819.2	-19754	-367690	812389	-334195	45457.6	170911	-86365	184834	3168.753	-42426	10602.997	5739.568	62.0725	9893.997	-6825.22
-155.461	10.63171	7.938233	9.22673	-16.7679	78479.07	-3156.3	245766	-331463	169496	-10239	-113199	48263	-101722	-1232.06	20766	-33323.704	696.6089	-17.3505	3103.684	-6825.22
-155.461	-1.07251	67.06575	-170.736	260.2882	-101500.6	18588	-410706	623842	-303979	43762.3	105152	18720	-19247	-5137.73	-18133	-33323.704	-90.6505	-146.585	-57435.9	105947.7
49.4648	67.90655	-28.3995	29.41119	127.9365	-72830.52	-12491	-209968	195357	16377.7	30955.5	125434	-14622	-65517	-2029.73	-6195	10602.997	5739.568	62.0725	9893.997	52075.3
49.4648	53.38464	-19.8128	23.98256	-16.7679	50959.78	-8251.2	42494.2	-164977	108099	-24342	-18955	-14656	-53222	-2644.9	9789.7	10602.997	4512.154	42.66712	6067.791	-6825.22
49.4648	67.90655	-28.3995	29.41119	-16.7679	-8206.403	-12253	135074	-122498	9474.65	-21630	-84682	4810.2	95420.9	3039.811	-1693	10602.997	5739.568	62.0725	9893.997	-6825.22
49.4648	-113.888	57.22867	-109.03	-16.7679	464603.7	26493	1204597	-1539712	454378	-101488	-623235	181766	-106612	-3286.71	88983	10602.997	-9626.01	-125.084	-36677.8	-6825.22
49.4648	67.90655	8.923018	29.41119	-16.7679	-178641.1	-22107	-111386	305784	-256026	19014.5	87186	-55943	212082	3473.042	-32758	10602.997	5739.568	-15.1316	9893.997	-6825.22
49.4648	67.90655	-28.3995	29.41119	-16.7679	-142332.1	13207	-340137	431927	-230565	30108.8	178108	-37496	97792.1	2656.507	-35685	10602.997	5739.568	62.0725	9893.997	-6825.22
49.4648	12.65335	8.708396	5.202413	-16.7679	78979	-6608.8	451535	-424585	73927.1	-29052	-213738	22719	38620.1	2941.717	15068	10602.997	1086.385	-19.0339	1750.104	-6825.22
49.4648	-0.20553	8.323314	-23.5337	-16.7679	-45520.51	-10407	-188882	168338	-8561.65	6333.8	60682	-17182	30675.4	2478.795	-18577	10602.997	-17.3721	-18.1622	-7916.8	-6825.22
49.4648	-45.6845	6.572944	8.32545	-16.7679	-211374.5	-22653	-209480	441679	-303010	32429.1	122510	-67976	201986	3560.649	-37782	10602.997	-3878.23	-14.3684	2800.702	-6825.22
-155.461	67.90655	12.76928	8.250412	-16.7679	90552.91	27089	-100663	44985.4	-26071.8	-5747	-41783	8475.3	22818.4	-954.085	-1700	-33323.704	5739.568	-27.9097	2102.654	-6825.22
49.4648	47.2616	-28.3995	-37.3044	-16.7679	-174641.4	-24012	-358799	527284	-236612	1734.71	157109	-64285	175467	2381.267	-33484	10602.997	3994.625	62.0725	-12549.3	-6825.22
49.4648	1.31168	-27.8393	8.052971	-16.7679	-201881.7	-15543.5	-445170	701132	-394393	23077.7	220107	-86572	207671	1895.173	-40937	10602.997	110.8653	80.64825	2708.039	-6825.22
49.4648	-82.5686	12.69924	-21.0814	-16.7679	557572.8	20842	1233467	-1702120	715877	-121237	-686895	195717	-334705	-1550.16	108590	10602.997	-6978.63	-27.7566	-7091.84	-6825.22
49.4648	30.24712	17.32022	29.41119	-16.7679	-52077.7	-15427	-39985.2	132067	-103733	-16454	26080	-26822	98983.4	1730.051	-15374	10602.997	2556.534	-37.8567	9893.997	-6825.22
49.4648	-106.194	-28.3995	7.256491	-16.7679	-43451.04	-13034	-321154	397702	-100116	-29231	129800	-41048	10789.6	432.8573	-4833	10602.997	-8975.67	62.0725	2441.101	-6825.22
49.4648	-144.124	8.064965	-25.6926	-16.7679	-37800.89	-5181.6	-157111	187952	16821.4	21251.3	105161	-16345	-84050	-4102.81	1190.6	10602.997	-12181.6	-19.646	-5643.05	-6825.22
-155.461	12.58242	8.006248	-2.58814	-16.7679	188489	31906	311554	-286636	404194	11418.8	1658.7	71054	-456530	-10642.9	54560	-33323.704	1063.485	-17.5036	-971.578	-6825.22
49.4648	-128.519	43.50578	6.229452	-16.7679	402031.3	7438.2	959214	-1194920	600156	-120864	-517482	138134	-178384	1063.328	80775	10602.997	-10862.6	-95.0902	2095.603	-6825.22
-155.461	18.65127	-28.3995	29.41119	-16.7679	-104918.9	-8243.3	-109312	195626	-115535	32409.5	111040	-34787	81730.8	1908.369	-17469	-33323.704	1576.435	62.0725	9893.997	-6825.22
-155.461	-58.3474	-28.3995	29.41119	-16.7679	-184974.2	-11392	-420742	629592	-286272	47723.2	181838	-80872	116873	1865.504	-37617	-33323.704	-4831.61	62.0725	9893.997	-6825.22
-155.461	-82.8395	-18.0769	6.711532	47.74125	353119.7	107894	247157	-130999	1044775	-17862	-5811.8	122415	-813121	-6675.42	84837	-33323.704	-7001.73	35.13906	2257.775	19432.8
49.4648	67.90655	87.75069	-33.1124	-16.7679	450030.2	30747	703868	-1022889	495055	-43111	-247242	102675	-377266	-5631.63	74567	10602.997	5739.568	-148.039	-11139.1	-6825.22
49.4648	67.90655	-28.3995	29.41119	-16.7679	-290589.8	-25425	-358650	701547	-481455	49424.7	188878	-91669	304079	4837.723	-57495	10602.997	5739.568	62.0725	9893.997	-6825.22

MEPRS COST MATRIX

102.4219	-1003.4	-1921.45	-208.52	-884.759	84516.65	9150.6	2235.85	104012	-83168.2	-70033	-135129	41002	-14554	-57531.1	66939	-13089.967	6566.499	-72704.4	-42331.1	-16245.7	439507.3	-65289.9	-130721	-171334	160034.1	-255844	-44233.6	142053.9	-171646	48102.57	111610.9	-26186.5	-179.733	-65366.5	-111712	-39593.4	-792897
102.4219	692.4119	404.4474	-131.99	-884.759	77610.95	5320.7	1566.21	79605.3	-69208.4	-81478	-93165	35665	-15907	-62561.1	53936	-13089.967	-4531.31	15303.59	-26794.9	-16245.7	403595.9	-37963.3	-91570.3	-131130	133170.7	-224583	-30503.6	123565.4	-187597	52308.24	89930.84	-26186.5	124.0275	13759.04	-70712	-39593.4	-391484
102.4219	-183.519	525.2426	-208.52	-884.759	102674.6	18166	1421.64	95824	-105535	-52009	-72706	40162	-41280	-118711	75352	-13089.967	1200.988	19874.27	-42331.1	-16245.7	533933.1	-129754	-83117.6	-157648	203070.6	-189997	-23600	139146.4	-466837	99255.64	125638.2	-26186.5	-32.8726	17866.41	-111712	-39593.4	-446553
102.4219	-1003.4	-1921.45	-208.52	-884.759	93542.85	14484	1740.57	94923.6	-90932.4	-57227	-93459	35608	-27005	-78507.9	64587	-13089.967	6566.499	-72704.4	-42331.1	-16245.7	486445.7	-103347	-101765	-156363	174972	-209080	-30593.3	123368.5	-318481	65641.62	107689.6	-26186.5	-179.733	-65366.5	-111712	-39593.4	-749927
-321.897	-157.097	537.0852	-65.4159	-884.759	-31667.59	2314.4	-1163.4	-51378.5	46119.4	12889.4	61901	-24096	14861.9	30525.73	-31611	41139.897	1028.076	20322.38	-13279.9	-16245.7	-184679	-16513	66019.79	84633.22	-88742.9	47087.53	20262.81	-83484.1	175273.5	-25523	-52706.6	82300.43	-28.1397	18271.29	-35045.8	-39593.4	256820.1
-321.897	15.6477	4537.537	1210.487	13734.1	40957.24	-12163	1944.2	96666	-82710.7	-55092	-57500	-8706.8	261.203	127290.5	27603	41139.897	-103.711	171692.5	245737.2	252161.7	212987.7	86782.91	-113670	-159236	159151.9	-201263	-18822.3	-30172.4	3316.358	-106429	46024.47	82300.43	2.838701	154364.1	648503.5	814608.1	3267190
102.4219	-1003.4	-1921.45	-208.52	6750.567	29388.31	9159.3	993.848	30281.4	4456.25	-38970	-68591	7616	9572.18	50267.82	9430.5	-13089.967	6566.499	-72704.4	-42331.1	123952	152826.4	-65351.9	-58112.3	-49881	-8574.72	-142365	-22452.9	26386.54	112889	-42046.4	15723.96	-26186.5	-179.733	-65366.5	-111712	302091.4	191669.1
102.4219	-788.823	-1326.95	-170.032	-884.759	-20583.1	6050.2	-201.159	-25572.4	29685.1	30643.8	10365	763.39	7775.93	65529.06	-14903	-13089.967	5182.245	-50209.5	-34517.7	-16245.7	-106933	-43168.3	11761	42124.1	-57120	111947.5	3393.018	2644.843	91705.01	-54789.6	-24847.9	-26186.5	-141.297	-45142	-91092.7	-39593.4	-80499.9
102.4219	-1003.4	-1921.45	-208.52	-884.759	2504.385	8984.2	-639.414	-18887.9	2577.99	27230.2	51780	-2557.5	-13941	-75313.3	2576.7	-13089.967	6566.499	-72704.4	-42331.1	-16245.7	13023.42	-64102.2	37384.1	31277.73	-4960.57	99477.25	16950.01	-8860.83	-164416	62970.56	4296.222	-26186.5	-179.733	-65366.5	-111712	-39593.4	-639723
102.4219	1682.638	3871.979	773.0005	-884.759	-187475.2	-19426	-5702.32	-238664	123033	127764	340803	-94866	15576.4	81479.97	-1E+05	-13089.967	-11012.9	146509	156924.5	-16245.7	-974917	138608.4	333392.8	393136.8	-237894	466744.7	111559.9	-328048	183689	-68126.6	-225801	-26186.5	301.4364	131722.2	414125.5	-39593.4	1128596
102.4219	-1003.4	468.3978	-208.52	-884.759	71277.59	16210	527.28	47388.1	-69663.7	-23937	-47676	29139	-30986	-86046.9	49866	-13089.967	6566.499	17723.36	-42331.1	-16245.7	370660.9	-115657	-30828	-78076.5	134046.8	-87447.8	-15606.4	100953.3	-365431	71945.06	83145.23	-26186.5	-179.733	15934.59	-111712	-39593.4	-380146
102.4219	-1003.4	-1921.45	-208.52	-884.759	57433.34	-966.44	1610.14	66951	-62740.6	-37904	-97942	19530	-14288	-65816.7	54322	-13089.967	6566.499	-72704.4	-42331.1	-16245.7	298867.5	6909.827	-94138.8	-110285	120725.8	-138470	-32060.6	67664.39	-168502	65030.3	90574.38	-26186.5	-179.733	-65366.5	-111712	-39593.4	-906402
102.4219	-169.924	589.1929	-36.8842	-884.759	-31869.32	4845.9	-2137.48	-65813	20115.1	36573.9	116676	-11833	-5642.5	-72863	-22967	-13089.967	1242.906	22294.04	-7487.75	-16245.7	-165728	-34575.8	124970.1	108410.4	-38705.4	133611.4	38259.36	-40907.1	-86544.8	60938.52	-38294.9	-26186.5	-34.0199	20043.96	-19760.3	-39593.4	-200006
102.4219	3.037015	563.1391	166.6501	-884.759	18368.27	10300	894.128	28093	-2601.66	-7873.6	-44119	8949.1	-4511	-61413.6	28279	-13089.967	-19.8749	21306.21	33871.72	-16245.7	95519.49	-73490	-52276.2	-42961.7	5006.116	-29129.2	-14442.2	31005.19	-53200.2	51348.96	47151.15	-26186.5	0.544002	19157.63	89387.88	-39593.4	-7962.16
102.4219	677.9998	444.7124	-59.026	-884.759	85293.07	16757	991.635	68462.6	-82447.1	-40625	-66992	35406	-29511	-88217.4	57514	-13089.967	-4436.99	16827.15	-11962.7	-16245.7	443544.9	-119561	-57977.1	-112775	158644.6	-149142	-21929.4	122666.5	-348033	73759.86	95896.9	-26186.5	121.446	15128.83	-31622.5	-39593.4	-301956
-321.897	-1003.4	663.9427	-44.3143	-884.759	-36539.58	-19663	476.52	6969.88	-7093.98	7234.9	22848	-4414.4	-3333.6	23638.08	2568.3	41139.897	6566.499	32690.1	-8996.12	-16245.7	-190015	141725.3	-27660.3	-11481.1	13650.23	26430.46	7479.265	-15294.3	-39314	-19764.1	4315.541	82300.43	-179.733	29390.77	-23740.9	-39593.4	198534
102.4219	-698.348	-1921.45	264.482	-884.759	70470.67	17607	1698.48	81731.8	-64435	-2183.8	-65812	33483	-25636	-58997.9	50941	-13089.967	4570.152	-72704.4	53691.69	-16245.7	366464.8	-125623	-99303.9	-134633	123985.7	-7977.96	-28122.8	116005.6	-302341	49329.04	84937.22	-26186.5	-125.091	-65366.5	141693	-39593.4	-104175
102.4219	-19.3817	-1863.56	-57.0942	-884.759	81462.56	1131.8	2107.35	108679	-107312	-29053	-120361	44571	-30341	-46954.1	74647	-13089.967	126.8383	-71270.5	-11590.5	-16245.7	423625.3	-8075.41	-123208	-179022	206489	-106135	-39399.4	154420.5	-357829	39259.05	124463	-26186.5	-3.47172	-84077.3	-30587.5	-39593.4	-556009
102.4219	1220.052	859.2057	149.4636	-884.759	-224969.7	-15282	-5838.98	-263838	194785	152626	364678	-101941	48901.5	38406.18	-2E+05	-13089.967	-7984.31	32510.66	30342.14	-16245.7	-1170002	109038.7	341383	434606.8	-374808	557570.5	119375.1	-353185	576717.4	-32112	-275619	-26186.5	218.5404	29229.62	80073.27	-39593.4	198830.6
102.4219	-446.936	1171.852	-208.52	-884.759	21014.2	11312	189.296	20475.6	-28225.1	20713.7	-14250	13970	-14462	-42663.1	23404	-13089.967	2924.868	44340.65	-42331.1	-16245.7	109279	-80708.9	-11067.4	-33728.6	54310.7	75671.2	-4664.8	46401.31	-170554	35836.5	39022.44	-26186.5	-80.0573	39865.64	-111712	-39593.4	-54658.1
102.4219	1569.143	-1921.45	-61.4473	-884.759	17533.2	9557.3	1520.28	61645.9	-27240.9	36799.2	-70978	21360	-1577.9	-10724.3	7357.1	-13089.967	-10266.8	-72704.4	-10444.2	-16245.7	91176.95	-68191.9	-88884.9	-101546	52416.66	134434.4	-23234.3	74074.04	-18608.7	8966.764	12266.94	-26186.5	261.071	-65366.5	-27562.2	-39593.4	-322719
102.4219	2129.61	608.1412	182.1582	-884.759	15253.2	3799.4	743.733	29133.5	4578.99	-26753	-57505	9555	12280	101649.8	-1812	-13089.967	-13936.7	23011.01	36978.96	-16245.7	79320.35	-27109	-43483.2	-47990.2	-8807.04	-97735.1	-18823.9	33104.13	144823.1	-84990.9	-3021.89	-26186.5	381.4641	20888.57	97587.93	-39593.4	448328.1
-321.897	-185.921	541.6223	20.47643	-884.759	-76050.34	-23395	-147.496	-44430.1	109979	-14375	-907.05	-37009	66700.5	271118	-83065	41139.897	1216.706	20501.62	4156.657	-16245.7	-395480	166924.5	8623.617	73187.53	-211621	-52515.1	-296.916	-128221	786629	-226666	-138533	82300.43	-33.3026	18432.44	10969.99	-39593.4	912858.3
102.4219	1899.016	2943.514	-44.1657	-884.759	-162226.2	-5452.6	-4540.73	-185219	163299	151904	282963	-71946	25771.7	-26840.2	-1E+05	-13089.967	-12427.6	111377.5	-8965.95	-16245.7	-843616	38904.5	265478.8	305102	-314219	554932.9	92626.4	-249271	303937.1	22441.44	-205016	-26186.5	340.1595	100136.5	-23661.3	-39593.4	438999.8
-321.897	-275.595	-1921.45	-208.52	-884.759	42336.5	6044.4	517.461	30323.1	-31438.3	-40800	-60720	18119	-11941	-47231.5	26592	41139.897	1803.56	-72704.4	-42331.1	-16245.7	220160.2	-43127	-30253.9	-49649.7	80489.69	-149051	-19876.3	82775.72	-140827	38490.96	44337.86	82300.43	-49.3657	-65366.5	-111712	-39593.4	-651987
-321.897	862.1534	-1921.45	-208.52	-884.759	66569.8	8353.1	1991.71	97590.2	-77892.8	-80079	-99433	31758	-17076	-48696.6	57263	41139.897	-5642.13	-72704.4	-42331.1	-16245.7	346178.2	-59599.4	-116447	-160755	149881.2	-219479	-32549	110026.3	-201379	40715.97	95477.36	82300.43	154.4323	-65366.5	-111712	-39593.4	-564105
-321.897	1224.055	-1087.73	-47.5836	2519.085	-142489.6	-79113	-1169.99	-203058	264276	22259.9	3232.7	-83761	89679	165387.8	-1E+05	41139.897	-8010.5	-41157.8	-9659.6	46254.38	-740981	564472.3	68404.69	334484.2	-547004	81319.69	1058.22	-220906	1056445	-138283	-215329	82300.43	219.2575	-37003.6	-25492.3	112729.5	-105925
102.4219	-1003.4	4582.539	234.7615	-884.759	-181594.5	-22545	-3331.98	-158563	134701	54273.1	135199	-53479	55119.7	213854.3	-1E+05	-13089.967	6566.499	173395.4	47658.22	-16245.7	-944336	160862.3	194606.9	261177	-259192	198269.9	44256.67	-185283	650051.4	-178807	-189262	-26186.5	-179.733	155895	125770.6	-39593.4	1076343
102.4219	-1003.4	-1921.45	-208.52	-884.759	117257.6	18643	1702.51	108743	-125559	-62221	-103283	47757	-44427	-119858	87523	-13089.967	6566.499	-72704.4	-42331.1	-16245.7	609769	-133018	-99539.4	-179128	241600.5	-227305	-33809	165457.9	-623946	100214.8	145931.5	-26186.5	-179.733	-65366.5	-111712	-39593.4	-861032

OPTOMETRY			ALTERNATIVE #1		ALTERNATIVE #2		ALTERNATIVE #3	
		STATUS QU	MILITARY TO CIVILIAN		MILITARY TO CONTRAC		MILITARY TO TRICARE	
DMISID	LOCATION	EST. COST	EST. COST	SAVINGS	EST. COST	SAVINGS	EST. COST	SAVINGS
1	REDSTONE	$595,074	$600,230	($5,156)	$581,690	$13,384	$561,622	$33,452
3	RUCKER	$321,268	$326,334	($5,066)	$308,118	$13,150	$288,400	$32,868
5	WAINWRIGHT	$589,016	$598,441	($9,425)	$564,551	$24,465	$527,866	$61,150
8	HUACHUCA	$504,922	$511,791	($6,868)	$487,094	$17,829	$460,360	$44,562
32	CARSON	$569,105	$575,110	($6,005)	$553,517	$15,588	$530,144	$38,961
37	WRAMC	$883,398	$905,602	($22,204)	$825,763	$57,635	$739,340	$144,058
47	DDEAMC	$776,335	$793,563	($17,228)	$731,616	$44,719	$664,561	$111,775
48	BENNING	$792,675	$806,198	($13,523)	$757,571	$35,103	$704,935	$87,739
49	STEWART	$540,632	$549,440	($8,808)	$517,768	$22,864	$483,483	$57,149
52	TAMC	$1,361,047	$1,381,320	($20,273)	$1,308,423	$52,624	$1,229,515	$131,532
57	RILEY	$719,602	$729,630	($10,028)	$693,574	$26,029	$654,544	$65,058
58	LEAVENWORTH	$520,930	$523,956	($3,026)	$513,074	$7,855	$501,295	$19,634
60	CAMPBELL	$934,184	$954,381	($20,197)	$881,757	$52,427	$803,144	$131,040
61	KNOX	$633,880	$648,077	($14,197)	$597,028	$36,852	$541,771	$92,109
64	POLK	$412,112	$416,727	($4,615)	$400,132	$11,980	$382,168	$29,944
69	MEADE	$1,055,438	$1,070,399	($14,961)	$1,016,605	$38,834	$958,374	$97,064
75	L. WOOD	$933,564	$949,587	($16,023)	$891,972	$41,592	$829,606	$103,958
86	WEST PT	$578,594	$593,678	($15,084)	$539,440	$39,154	$480,730	$97,864
89	BRAGG	$878,883	$898,990	($20,107)	$826,689	$52,193	$748,427	$130,455
98	SILL	$759,188	$773,376	($14,187)	$722,361	$36,827	$667,140	$92,048
105	JACKSON	$910,843	$925,040	($14,197)	$873,991	$36,852	$818,733	$92,109
108	WBAMC	$673,262	$682,237	($8,974)	$649,967	$23,295	$615,036	$58,226
109	BAMC	$728,796	$741,385	($12,589)	$696,118	$32,678	$647,119	$81,677
110	HOOD	$932,567	$955,710	($23,143)	$872,494	$60,073	$782,416	$150,151
121	EUSTIS	$667,456	$672,613	($5,156)	$654,073	$13,384	$634,004	$33,452
122	LEE	$332,303	$335,690	($3,387)	$323,512	$8,791	$310,330	$21,973
123	BELVOIR	$1,488,567	$1,508,679	($20,112)	$1,436,362	$52,205	$1,358,081	$130,486
125	MAMC	$738,834	$755,204	($16,369)	$696,344	$42,491	$632,630	$106,204
131	IRWIN	$382,152	$388,233	($6,081)	$366,368	$15,785	$342,699	$39,454
TOTAL SAVINGS				($356,992)		$926,658		$2,316,155
95% CONFIDENCE		307840						

Status Quo

ID	LOCATION	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A	AGE B	AGE C	AGE D	AGE E	AGE F	AGE G	AGE H	FEMADLT	OVERLAP	EFTE	OFTE	CFTE	CONTR	
1	REDSTONE	32665.15	278988	245969.22	8821	6179	111	28741	9293	939.9838	2661.572	995.7677	1881.161	1326.468	2500.045	6113.213	1505.257	6907.875	0	2.415	0.905833	0.960833	1.390833	557842
3	RUCKER	5204.11	222595.8	89426.81	7558	0	143	31685	11939	2050.855	4164.984	1194.06	2830.656	3989.641	3093.339	5872.82	1395.631	8919.734	0	1.6	0.89	0.6525	0	317229
5	WAINWRIGHT	35938.21	226777	243008.2	438	11199	27	21000	3051	2290.454	3305.552	678.094	3881.138	5269.919	2593.345	1363.142	171.688	5606.173	0	2.8275	1.655833	0	0.099167	505721
8	HUACHUCA	19021.33	224363.9	159385.1	43	7515	2	24893	5608	1761.45	3354.376	885.5035	3302.132	3972.232	3099.655	3900.341	1048.08	7271.761	0	1.998333	1.208667	0.9925	0	402770
32	CARSON	14408.64	320723.7	124294.21	1230	10200	68	78272	14016	6578.129	11287.37	2832.114	11082.17	13638.62	9737.536	11341.44	3424.401	22158.17	1	0.574167	1.055	0.880833	0	459425
37	WRAMC	275645.6	604853	347905.85	2194	8795	64	47311	24018	1423.708	3259.79	1002.28	3538.948	6255.415	8026.767	8749.972	5533.329	12994.15	1	3.6875	3.900833	1.95	0	1228804
47	DDEAMC	30911.16	525539.4	285362.39	5118	8804	30	52243	8287	2099.838	6859.497	2240.353	5327.886	5551.198	6211.798	10401.28	3855.103	15805.96	0	1.59	3.026667	3.055833	0	841813
48	BENNING	40083.88	541981.4	193919.16	9475	28794	101	73538	11435	4982.101	9868.076	2598.689	13052.18	10564.45	6973.666	10082.03	4187.277	19570.94	0	8.366667	2.375833	0.828333	0	775984
49	STEWART	11816.86	372124.3	132107.59	2683	6704	74	63704	9408	5709.013	9531.041	2213.675	12673.42	13194.05	7342.882	6222.169	1117.704	16866.43	0	2.378333	1.5475	0	0	516051
52	TAMC	22805.59	622698	557408.27	79259	16295	1427	144695	29036	14106.8	21442.61	3933.072	23828.54	31545.2	17585.56	11468.42	4534.917	38218.93	0	3.216667	3.561667	3.2325	0	1202912
57	RILEY	7555.87	582086.9	157416.87	6494	13935	172	34385	4416	3773.676	5931.369	1187.593	6995.893	6679.196	3818.959	3192.781	883.7728	9549.423	0	3.0625	1.761667	2.029167	0.531667	747060
58	LEAVENWORTH	8152.69	292853.8	100144.05	22812	6286	443	40287	18284	1977.789	4871.145	1285.922	5446.193	3687.625	4887.195	6160.594	1324.677	8860.015	0	0.23	0.531667	2.904167	0	401151
60	CAMPBELL	45269.07	726731	249466.96	7788	17550	285	78358	12267	8193.774	12070.06	2462.782	13710.19	17327.35	8374.132	7697.131	1170.672	20818.79	0	5.949167	3.548333	1.808333	0.894167	1021467
61	KNOX	14526.91	453449.1	181934.5	15899	14709	211	56941	8499	3165.404	7086.604	2140.106	8767.22	7105.009	6063.585	7898.242	1420.636	12889.59	0	1.348667	2.494167	1.306667	0.3175	849913
64	POLK	5862.44	176133.2	74743.95	18332	6625	323	28410	4038	3003.675	4789.181	1006.025	5122.042	5652.739	3122.182	3454.972	836.4678	8366.097	0	1.570833	0.810833	0.555	0	256740
69	MEADE	23712.58	554010	468606.98	641	15472	29	80349	29338	3858.069	8123.525	2076.299	10454.75	11357.04	7549.331	8107.512	3274.289	16884.64	1	4.5725	2.628333	2.850833	0.941667	1046330
75	L. WOOD	15758.15	683336.2	318502.47	943	17697	26	34729	3451	1831.259	4069.677	1261.659	9409.653	4451.44	3335.93	4143.577	1473.288	9383.13	0	3.365	2.815	2.558333	0.18	1017597
86	WEST PT	7074.37	310950	182559.41	2014	8616	27	30043	14833	1153.099	2608.499	652.8612	6428.316	2264.156	2103.2	3307.338	1735.775	5715.231	0	1.911667	2.65	0.895	0.9075	500584
89	BRAGG	19862.64	626048	195426.77	5397	16155	191	160688	26173	14333.28	22807.64	4943.668	26587.21	33061.1	16392.19	17391.39	3596.15	42841.94	0	5.545	3.5325	0	0.3075	841337
98	SILL	11381.68	442788	201114.44	26977	11121	454	65813	7800	4334.473	7381.187	1776.184	11950.35	9001.5	6505.346	6129.66	1824.936	13643.92	0	3.84	2.4925	1.076667	0	855284
105	JACKSON	6919.87	431482	315719.61	1961	25982	48	57297	9012	2126.838	5158.803	1790.144	13735.18	5399.633	4681.51	8419.551	2525.381	16126.77	0	4.203333	2.494167	0.845	0	754121
108	WBAMC	31157.36	402994	222025.63	6235	7455	69	58269	12990	3414.857	6921.736	2242.068	6683.435	6255.099	5996.231	10882.54	4974.507	17545.54	0	5.4375	1.576667	1.5475	0	656177
109	BAMC	21985.61	442378	281997.97	6457	13219	81	87193	31778	4883.098	10910.61	3739.136	8056.915	9848.723	11173.15	20554.85	8667.96	30120.66	1	3.638333	2.211667	1.495833	1.735	748362
110	HOOD	19391.39	737280.3	190742.03	20463	15164	568	133931	19382	12179.92	18544.66	4496.464	28507.1	27872.74	15067.63	13280.46	2174.147	36290.34	0	6.0825	4.065833	1.634167	0	947414
121	EUSTIS	5120.06	262529.2	177238.75	22050	8608	497	48723	11439	3790.183	6857.235	1730.554	5124.792	6050.969	5044.072	8577.663	1729.729	13150.66	1	0.971667	0.905833	0.915833	0	444888
122	LEE	5164.42	294193	48426.73	2768	4694	58	36392	9844	1344.908	3208.783	1070.711	2985.662	3592.904	3527.742	5665.116	1697.798	8405.029	1	0	0.595	0.715833	0	345784
123	BELVOIR	706292.9	479734.8	839395.84	18464	8445	353	125517	70272	6589.054	19511.85	6214.787	12121.92	10111.57	14147.39	24821.11	6363.637	37247.17	1	2.985	3.533333	1.4025	0	2025424
125	MAMC	378.62	546830.8	222267.6	61158	9599	798	142188	31191	10175	17098.76	4090.261	15674.08	18490.63	13004.25	18496.57	7419.933	34828.18	0	3.435833	2.875833	1.9125	0	769475
131	IRWIN	4787.13	141694	67885.77	1134	2985	24	14783	2735	1824.578	2605.013	393.6858	2747.981	3348.505	1749.01	803.888	146.886	3723.003	0	1.546667	1.068333	0	0	214587
OPTOMETRY																								
AVERAGE		49974.98	432011.96	236979.42	12572.55	11336.41	231.17	64771.66	15614.93	4648.45	8501.45	2177.08	9651.97	9906.32	7058.54	8899.99	2759.11	17265.11	0.24	2.98	2.18	1.35	0.25	#######

CHAMPUS VOLUME COEFFICIENTS [illegible]
MEPRS VOLUME COEFFICIENTS [illegible]
CHAMPUS COST COEFFICIENTS [illegible]
DIRECT COST COEFFICIENTS [illegible]
ANCILLARY COST COEFFICIENTS [illegible]

CHAMPUS VOLUME MATRIX

CHAMPUS VOLUME

SUMMARY OUTPUT [illegible]

MEPRS VOLUME

SUMMARY OUTPUT [illegible]

CHAMPUS COSTS

SUMMARY OUTPUT [illegible]

DIRECT COSTS

SUMMARY OUTPUT [illegible]

MEPRS VOLUME MATRIX

ANC MEPRS COST

SUMMARY OUTPUT [illegible]

SUMMARY OUTPUT [illegible]

SUMMARY OUTPUT [illegible]

SUMMARY OUTPUT [illegible]

OVERLAP	EFTE	OFTE	CFTE	CONTR	EANCM1	ECC1	EQC1	EQM1	EDCM1	EANCM1	ECC2	EDCM2	EANCM2	MCHAT	MQHAT	CCHAT	CQHAT	TCHAT
-0.24138	-0.56184	-1.25684	-0.36491	1.138937	-72495.05	-10371	-213.79	-2401.36	-155975	-72495	-11242	-107753	-28460	593743.8	8937.1	1330.0676	17.38288	595074
-0.24138	-1.37664	-1.27267	-0.69325	-0.2519	-23079.7	-14745	-268.075	-11302.6	-243861	-23060	-14513	-275173	26966.3	323208.8	35.796	-1940.9191	-36.9029	321268
-0.24138	-0.14934	-0.50684	-1.34575	-0.15273	-7342.228	-10774	-173.105	-5429.7	-177117	-7342.2	-9043.8	-134242	-5264.4	585487	5908.7	3528.7407	58.0678	589016
-0.24138	-0.97651	-0.95601	-0.35325	-0.2519	-25804.13	-9652.3	-162.437	-5486.35	-163318	-25604	-8516.4	-139626	-877.77	500868.1	5852.1	4054.1303	68.73563	504922
0.758621	-2.40267	-1.10767	-0.46491	-0.2519	-62086.27	-2956.1	8.18325	-2585.56	-80006.4	-62088	927.37	-48821	-1855.2	555605.1	8752.9	13499.923	237.3557	569105
0.758621	0.710661	1.738161	0.604253	-0.2519	207617.8	-11873	-188.845	-2289.9	135887	207618	-12641	-27664	81237.2	883465.9	9048.5	-68.030513	44.32765	883398
-0.24138	-1.38684	0.863994	1.710086	-0.2519	-2764.923	-1736.5	-117.979	-705.39	149896	-2764.9	-8278.7	-56191	60663.2	772041.6	10633	4293.8469	113.1931	776335
-0.24138	3.389828	0.213161	-0.51741	-0.2519	-6039.329	-7529.2	-227.368	13017.3	112764	-6039.3	-13124	190169	-72669	793225.8	24356	-551.20256	3.606169	792675
-0.24138	-0.59851	-0.61517	-1.34575	-0.2519	-53780.32	-4234.9	-57.1422	-1558.28	-148919	-53780	-2092.6	-47933	-36010	530152.1	9760.1	10479.926	174.0302	540632
-0.24138	0.239626	1.398994	1.886753	-0.2519	-34482.05	56190	1011.26	4511.45	210843	-34482	57764	264427	-13112	1290710	15650	70337.051	1242.43	1361047
-0.24138	0.085661	-0.40101	0.68342	0.27977	-58370.02	6124.6	145.026	2296.93	32992.9	-58370	8463.9	71493	-12351	698546.1	13635	21056.434	376.198	719602
-0.24138	-2.74684	-1.63101	1.55842	-0.2519	-14209.05	13952	261.167	-7514.51	-126304	-14209	15741	-100098	10582.5	492616	3823.9	28313.699	492.339	520930
-0.24138	2.972328	1.385661	0.462586	0.64227	-13438.99	-7327.9	6.7692	4272.74	294851	-13437	-1794.6	114413	77539.6	923406.2	15611	10777.951	237.9416	934184
-0.24138	-1.63017	0.331494	-0.03908	0.065603	-21822.7	-4753.9	-168.795	829.237	30712.4	-21823	-10039	-38718	6142.48	631346.2	12166	2533.7783	62.37752	633880
-0.24138	-1.40801	-1.35184	-0.79075	-0.2519	-72588.25	-4915.3	-73.2579	-5342.75	-213853	-72588	-2774	-129775	-24642	402313.2	5995.7	9798.5727	157.9145	412112
0.758621	1.595661	0.465661	1.505086	0.68977	-9604.745	-7460.8	-118.813	4917.53	170972	-9604.7	-8000.9	78035	24238	1050867	16256	4571.6473	112.3595	1055438
-0.24138	0.388161	0.852328	1.212586	-0.0719	-53714.51	-7701.3	-113.392	8475.89	160371	-53715	-7207.6	139390	-11681	928199	19814	5364.9335	117.7807	933564
-0.24138	-1.06517	0.487328	-0.45075	0.655603	-20076.37	-2677.6	-102.626	-2365.29	-93358.3	-20076	-5364.4	-81960	-11181	571385.9	6973.1	7208.1145	128.5461	578594
-0.24138	2.568161	1.369828	-1.34575	0.055603	-4319.084	3182.2	126.828	7453.56	165694	-4319.1	8464.7	184149	-1717.4	859845.2	18792	19037.292	358.1007	878883
-0.24138	0.863161	0.329828	-0.26908	-0.2519	-26982.82	-1438.4	-30.3056	4825.28	72328.1	-26863	-1838.2	81938	-16465	748554	18164	10634.32	200.8668	759188
-0.24138	1.226494	0.331494	-0.50075	-0.2519	-48143.86	-10454	-175.065	12531.1	24744.7	-48144	-8271.7	205770	-95934	907542	23869	3300.8593	56.08773	910843
-0.24138	2.460661	-0.58601	0.201753	-0.2519	-13164.35	-48.29	-72.0539	126.61	-16161	-13164	-4024.7	-30178	-9120.4	664714.5	11465	8547.8047	159.1165	673262
0.758621	0.661494	0.048994	0.150086	1.483103	-1094.87	-10322	-225.52	229.851	15060.2	-1094.9	-13305	-48050	11593	729527.8	11568	-732.00775	5.652065	728796
-0.24138	3.105661	1.903161	0.28842	-0.2519	-37499.81	4958.7	282.532	2880.55	315753	-37500	14067	144955	88243	905927.4	14219	26639.682	513.704	932567
0.758621	-2.00517	-1.25684	-0.42991	-0.2519	9819.303	7086.7	184.717	-1376.81	-125755	9819.3	11775	22200	-38316	643109.1	9961.6	24347.382	415.8893	667456
0.758621	-2.97684	-1.56767	-0.62991	-0.2519	-83209.05	-14478	-257.451	-8141.51	-216961	-83209	-13561	-183974	-11149	333291	5196.9	-988.15277	-28.2791	332303
0.758621	-0.01184	1.370661	0.056753	-0.2519	641460.9	5798.8	129.522	-2889.5	37121.6	641461	6051.9	115051	33508.5	1469942	6648.9	16624.498	360.6947	1486567
-0.24138	0.458994	0.713161	0.566753	-0.2519	-69735.16	52096	648.666	-2538.79	74724.5	-69735	37172	-14693	-471.23	689090	8799.6	49744.251	879.8401	738634
-0.24138	-1.43017	-1.09434	-1.34575	-0.2519	-24852.5	-2939.5	-58.7309	-8639.81	-259129	-24853	-1713.2	-147143	-31437	371292.9	4696.6	10659.388	172.4415	382152
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	718966	11338	12573	231	731539

SQ: OFTE	CFTE	CONTR	A1: OFTE	CFTE	CONTR	A2: OFTE	CFTE	CONTR	A3: OFTE	CFTE	CONTR	ERROR
-1.25684	-0.36491	1.138937	-2.16267	0.54092	1.138937	-2.16267	-0.36491	2.04477	-2.16267	-0.36491	1.138937	8.07E+08
-1.27267	-0.69325	-0.2519	-2.16267	0.196753	-0.2519	-2.16267	-0.69325	0.638103	-2.16267	-0.69325	-0.2519	12381877
-0.50684	-1.34575	-0.15273	-2.16267	0.310086	-0.15273	-2.16267	-1.34575	1.503103	-2.16267	-1.34575	-0.15273	6.87E+09
-0.95601	-0.35325	-0.2519	-2.16267	0.85342	-0.2519	-2.16267	-0.35325	0.95477	-2.16267	-0.35325	-0.2519	1.04E+10
-1.10767	-0.46491	-0.2519	-2.16267	0.590086	-0.2519	-2.16267	-0.46491	0.803103	-2.16267	-0.46491	-0.2519	1.18E+10
1.738161	0.604253	-0.2519	-2.16267	4.505086	-0.2519	-2.16267	0.604253	3.848937	-2.16267	0.604253	-0.2519	1.21E+11
0.863994	1.710086	-0.2519	-2.16267	4.738753	-0.2519	-2.16267	1.710086	2.77477	-2.16267	1.710086	-0.2519	4.98E+09
0.213161	-0.51741	-0.2519	-2.16267	1.85842	-0.2519	-2.16267	-0.51741	2.123937	-2.16267	-0.51741	-0.2519	52059044
-0.61517	-1.34575	-0.2519	-2.16267	0.201753	-0.2519	-2.16267	-1.34575	1.295603	-2.16267	-1.34575	-0.2519	4.8E+08
1.398994	1.886753	-0.2519	-2.16267	5.44842	-0.2519	-2.16267	1.886753	3.30977	-2.16267	1.886753	-0.2519	6.22E+09
-0.40101	0.68342	0.27977	-2.16267	2.445086	0.27977	-2.16267	0.68342	2.041437	-2.16267	0.68342	0.27977	1.15E+09
-1.63101	1.55842	-0.2519	-2.16267	2.090086	-0.2519	-2.16267	1.55842	0.27977	-2.16267	1.55842	-0.2519	9.44E+09
1.385661	0.462586	0.64227	-2.16267	4.01092	0.64227	-2.16267	0.462586	4.190603	-2.16267	0.462586	0.64227	9.04E+09
0.331494	-0.03908	0.065603	-2.16267	2.455086	0.065603	-2.16267	-0.03908	2.55977	-2.16267	-0.03908	0.065603	1.02E+09
-1.35184	-0.79075	-0.2519	-2.16267	0.020086	-0.2519	-2.16267	-0.79075	0.558937	-2.16267	-0.79075	-0.2519	1.88E+10
0.465661	1.505086	0.68977	-2.16267	4.13342	0.68977	-2.16267	1.505086	3.318103	-2.16267	1.505086	0.68977	71705835
0.852328	1.212586	-0.0719	-2.16267	4.027586	-0.0719	-2.16267	1.212586	2.743103	-2.16267	1.212586	-0.0719	7.22E+09
0.487328	-0.45075	0.655603	-2.16267	2.199253	0.655603	-2.16267	-0.45075	3.305603	-2.16267	-0.45075	0.655603	5.78E+09
1.369828	-1.34575	0.055603	-2.16267	2.186753	0.055603	-2.16267	-1.34575	3.586103	-2.16267	-1.34575	0.055603	1.03E+09
0.329828	-0.26908	-0.2519	-2.16267	2.22342	-0.2519	-2.16267	-0.26908	2.240603	-2.16267	-0.26908	-0.2519	5.92E+09
0.331494	-0.50075	-0.2519	-2.16267	1.99342	-0.2519	-2.16267	-0.50075	2.24227	-2.16267	-0.50075	-0.2519	2.4E+10
-0.58601	0.201753	-0.2519	-2.16267	1.77842	-0.2519	-2.16267	0.201753	1.32477	-2.16267	0.201753	-0.2519	1.18E+08
0.048994	0.150086	1.483103	-2.16267	2.361753	1.483103	-2.16267	0.150086	3.69477	-2.16267	0.150086	1.483103	5.77E+08
1.903161	0.28842	-0.2519	-2.16267	4.354253	-0.2519	-2.16267	0.28842	3.813937	-2.16267	0.28842	-0.2519	1.25E+09
-1.25684	-0.42991	-0.2519	-2.16267	0.47592	-0.2519	-2.16267	-0.42991	0.653937	-2.16267	-0.42991	-0.2519	4.02E+10
-1.56767	-0.62991	-0.2519	-2.16267	-0.03491	-0.2519	-2.16267	-0.62991	0.343103	-2.16267	-0.62991	-0.2519	2.64E+08
1.370661	0.056753	-0.2519	-2.16267	3.590086	-0.2519	-2.16267	0.056753	3.281437	-2.16267	0.056753	-0.2519	3.08E+11
0.713161	0.566753	-0.2519	-2.16267	3.442586	-0.2519	-2.16267	0.566753	2.623937	-2.16267	0.566753	-0.2519	8.43E+09
-1.09434	-1.34575	-0.2519	-2.16267	-0.27741	-0.2519	-2.16267	-1.34575	0.816437	-2.16267	-1.34575	-0.2519	2.77E+10
												150312.3
												307839.5

-87.0922	1.379393	-83.6104	55.11657	10.94027						
5968.101	1789.771	1198.142	339.132	2557.206						
-10451.2	-770.92	-2922.71	1789.097	272.4898			58.5053	0.08915	-0.00879	-0.0015
107340.2	32244.58	86359.92	73948.78	5070.634	0.215396	-4.2292	416.64	19.5415		
24324.46	22303.17	42638.54	-22071.9	-48528.8			-1.218	19.415	-9.12011	0.36442

CHAMPUS COST MATRIX

21.02225	-0.775	79.94809	-20.1128	12.46027	-43845.54	414.92	-57327.6	16795.9	2167.31	6359.19	101552	-44146	25233	-2777.43	-21084	2522.6981	433.1331	3673.377	-652.866	310.3487
21.02225	-1.8992	80.95525	-38.2084	-2.75582	-40263	241.26	-40158	12854.7	1603.5	5582.17	70030	-38400	27578	-3020.26	-16988	2522.6981	1061.433	3719.653	-1240.29	-68.6392
21.02225	-0.206	32.24026	-74.173	-1.67081	-53265.52	824.59	-36451.1	15473.7	2750.14	4722.52	54640	-43242	71568.2	-5730.99	-23733	2522.6981	115.1285	1481.344	-2407.67	-41.6173
21.02225	-1.34974	60.81195	-19.4698	-2.75582	-48528.15	656.77	-44626.7	15328.3	2369.61	5196.35	70236	-38339	46818.7	-3790.13	-20343	2522.6981	754.3498	2794.128	-631.994	-68.6392
-66.0699	-3.31423	70.45953	-25.6245	-2.75582	16428.51	104.94	29630	-8296.64	-1201.83	-1170.4	-46520	25944	-25766	1473.692	9956.5	-7928.4797	1852.269	3237.406	-631.776	-68.6392
-66.0699	0.980281	-110.565	33.30435	-2.75582	-21247.79	-551.51	-49849.7	15610	2155.36	5002.55	43212	9376.6	-487.53	6145.208	-8694	-7928.4797	-547.863	-5080.14	1081.067	-68.6392
21.02225	-1.913	-54.9591	94.25409	-2.75582	-15246.06	415.31	-25485.1	4889.86	-118.125	3538.58	51548	-8200.1	-16595	2427.747	-2970	2522.6981	1089.142	-2525.2	3059.511	-68.6392
21.02225	4.675905	-13.5593	-28.5181	-2.75582	10667.72	274.34	5157.77	-4129.45	-773.563	-2782.5	-7789.7	-821.94	-13481	3163.549	4693.8	2522.6981	-2613.29	-623.008	-925.704	-68.6392
21.02225	-0.82557	38.13139	-74.173	-2.75582	-1299.225	407.37	16394.7	-3066.17	-67.1799	-2472.6	-38914	2753.7	24170.2	-3635.9	-811.6	2522.6981	461.4002	1797.971	-2407.67	-68.6392
21.02225	0.330817	-88.9906	103.9913	-2.75582	97258.35	-880.65	146209	-38539.6	-3221.74	-11601	-256120	101947	-27006	3933.611	42655	2522.6981	-184.888	-4088.85	3375.585	-68.6392
21.02225	0.11818	25.50815	37.66774	3.06076	-36977.38	735.01	-13519.6	7653.88	1815.36	2173.58	35829	-31373	53720.7	-4154.09	-15706	2522.6981	-66.0377	1172.024	1222.704	76.23451
21.02225	-3.78897	103.749	85.89474	-2.75582	-29795.26	-43.912	-41264.4	10811.3	1634.96	3441.77	73605	-21028	24770.9	-3177.43	-17110	2522.6981	2117.594	4766.957	2788.164	-68.6392
21.02225	4.100009	-68.1425	25.49617	7.026608	16533.16	219.73	54605.4	-10627.5	-524.179	-3321	-87836	12741	9782.53	-3518.57	7234	2522.6981	-2291.43	-4049.89	827.6118	175.0121
21.02225	-2.24865	-21.0865	-2.15398	0.717719	-9529.088	467.03	-22925.7	4213.52	67.7967	724.029	33157	-9635.5	7820.77	-2964.87	-8907	2522.6981	1256.733	-868.862	-89.9167	17.87627
21.02225	-1.93943	85.99108	-43.5833	-2.75582	-44248.33	759.81	-25425.8	11055.4	2148.49	3707.03	50346	-38121	51163.2	-4258.87	-18115	2522.6981	1083.918	3951.034	-1414.72	-68.6392
-66.0699	2.201044	-29.6209	82.95519	7.546271	18956	-900.67	-12218.1	1125.5	184.862	-656.95	-17171	4753	5779.42	1141.176	-815.2	-7928.4797	-1230.13	-1360.99	2692.746	187.9553
21.02225	0.535427	-41.4948	68.83359	-0.78657	-36558.77	798.34	-43549.6	13198.1	1679.11	198.298	64564	-36051	44446.1	-2848.25	-16045	2522.6981	-299.241	-1906.56	2169.435	-19.5911
21.02225	-1.48929	-30.9991	-24.8436	7.172478	-42261.14	51.32	-54032.9	17549.6	2796.43	2638.05	90453	-47989	52803.3	-2266.81	-23511	2522.6981	821.1629	-1424.32	-806.43	176.6453
21.02225	3.542504	-87.1353	-74.173	0.608317	116720.2	-692.95	149713	-42604.8	-5075.91	-13659	-274062	109759	-84781	1854.136	52065	2522.6981	-1979.85	-4003.61	-2407.67	15.15137
21.02225	1.190636	-20.9805	-14.8308	-2.75582	-10901.75	512.91	-4853.6	3306.45	735.517	-1880.9	10709	-15042	25072.6	-2069.31	-7371	2522.6981	-665.428	-963.991	-461.411	-68.6392
21.02225	1.691816	-21.0865	-27.5995	-2.75582	-9095.873	433.36	-38980.3	9954.64	709.87	-3341.5	53342	-23020	2735.6	-517.739	-2317	2522.6981	-945.529	-968.662	-695.885	-68.6392
21.02225	3.394219	37.27608	11.11993	-2.75582	-7913.051	172.28	-19069.5	4704.51	-119.272	2429.28	43216	-10288	-21290	4907.353	570.85	2522.6981	-1696.97	1712.725	360.9555	-68.6392
-66.0699	0.912461	-3.11655	8.272237	18.22555	38453.38	-1060.6	3761.87	-7174.62	-2865.93	1305.3	681.66	39847	-115640	13088.77	26169	-7928.4797	-509.959	-143.196	268.5168	404.1306
21.02225	4.263928	-121.061	15.8967	-2.75582	84159.68	-247.24	116425	-29909.3	-4255.39	-13793	-212652	77466	-44681	-1295.76	38729	2522.6981	-2394.22	-5562.39	516.0106	-68.6392
-66.0699	-2.76592	79.94809	-23.6954	-2.75582	-21963.32	274.07	-13267.8	4896.59	819.196	3704.78	45632	-19509	20702.6	-2280.2	-8376	-7928.4797	1545.828	3673.377	-769.156	-68.6392
-66.0699	-4.10623	99.72033	-34.7167	-2.75582	-34535.07	378.78	-51067.8	15759	2029.81	5455.33	74726	-34193	29604.1	-2350.93	-18036	-7928.4797	2294.905	4581.852	-1128.96	-68.6392
-66.0699	-0.01633	-87.1863	3.128024	-2.75582	73920.73	-3587.2	29968.9	-32769.7	-7407.95	-2021.3	-2429.5	68651	-155304	7964.433	40676	-7928.4797	9.126986	-4006.04	101.5364	-68.6392
21.02225	0.633134	-45.3645	31.23746	-2.75582	94207.59	-1022.3	85432.3	-25603.3	-3510.18	-4928.1	-101605	57580	-95562	10324.25	35752	2522.6981	-353.848	-2064.36	1013.976	-68.6392
21.02225	-1.97277	69.61139	-74.173	-2.75582	-60830.96	645.33	-43652.8	17560	3271.94	5649.83	77619	-51419	77023.5	-5786.38	-27567	2522.6981	1102.549	3196.436	-2407.67	-68.6392

MEPRS COST MATRIX

-1440.58	-1011.18	-1503.36	-123.754	2912.496	7426.906	44433	33975.5	-229138	97249.9	-65118	15987	-8076.3	-84699	24224.21	181535	-25909.712	-18116.3	-106541	-26964.9	5775.359	143992	-39291.1	23890.21	-221252	63779.68	36315.04	254732.9	-232203	5404.973	34712	-23369.4	-5871.42	-12530.8	-53589.8	8054.347	-55268.9	1422512
-1440.58	-2477.99	-1522.3	-235.102	-644.151	6621.903	25836	23799.8	-175371	80925.5	-57162	11025	-7025.2	-92571	26342.16	146273	-25909.712	-44395.6	-109906	-51264.8	-1277.33	132226.7	-22846.1	16735.09	-169335	53073.6	31877.6	175664.1	-201981	5907.263	37746.92	-18830	-5871.42	-30707.9	-54264.9	15301.29	12223.72	2224040
-1440.58	-268.776	-806.252	-456.386	-390.562	9024.968	68305	21602.9	-211101	123402	-48359	8601.7	-7911	-240232	49984.63	204351	-25909.712	-4615.35	-43770.6	-99516.4	-774.466	174928	-78085.4	15190.29	-203835	80931.37	26968.62	137059.3	-227450	15330.08	71825.33	-28308.5	-5871.42	-3330.74	-21810.9	29703.22	7411.486	1815327
-1440.58	-1761.09	-1143.52	-119.787	-644.151	8222.298	70333	26449.4	-209117	106327	-53211	11057	-7014	-157156	33056.78	175157	-25909.712	-31551.5	-82560.6	-26122.2	-1277.33	159370.1	-62193.6	18598.16	-201919	69733.01	29674.47	176181	-201659	10028.68	47368.62	-22548.4	-5871.42	-21823.8	-40762.7	7796.842	12223.72	1489460
4527.525	-4324.26	-1324.93	-157.667	-644.151	-2783.541	11238	-17678.9	113187	-53927.5	11984.9	-7323.3	4746.4	86489.5	-12853.3	-85727	81430.522	-77473.2	-95658.5	-34379.6	-1277.33	-53952.5	-9837.43	-12431.1	109291.2	-35367.4	-6683.72	-118680	136464	-5519.21	-18418	11035.87	18453.04	-53587.2	-47229.5	10261.54	12223.72	729666.7
4527.525	1279.027	2079.087	204.9215	-644.151	3600.069	-59060	29543.7	-212960	96713.8	-51226	6802.7	1715.4	1636.47	-53597.3	74859	81430.522	22914.96	150107.4	44683.76	-1277.33	69779.34	52225.48	20773.92	-205630	63426.07	28567.76	108394	49320.07	-104.429	-76802.1	-9636.74	18453.04	15849.99	74112.65	-13337	12223.72	-1239300
-1440.58	-2495.99	1033.46	579.945	-644.151	2583.195	44475	15103.8	-66709.9	-5210.71	-36235	8114.9	-1500.2	55705.6	-21174.3	25575	-25909.712	-44718	74614.47	126458.8	-1277.33	50069.21	-39328.4	10620.42	-64413.9	-3417.35	20207.58	129302	-43131.7	-3554.78	-30341.7	-3292.33	-5871.42	-30930.9	36839.45	-37744.9	12223.72	-1367064
-1440.58	6100.913	254.9707	-175.472	-644.151	-1807.471	29378	-3056.77	56336	-34710.8	28493.4	-1226.3	-150.37	45252.3	-27591.9	-40415	-25909.712	109303.6	18408.56	-38262.1	-1277.33	-35033.6	-25978.5	-2149.4	54397.02	-22764.5	-15890.1	-19539.7	-4323.29	-2887.71	-39537.7	5202.723	-5871.42	75803.91	9088.871	11420.31	12223.72	-1028422
-1440.58	-1077.17	-735.834	-456.386	-644.151	220.1323	43625	-9716.42	41830.3	-3014.45	25319.4	-6126	503.77	-81132	31711.65	6987.6	-25909.712	-19298.6	-53126.2	-99516.4	-1277.33	4266.751	-38576.4	-6832.2	40390.55	-1976.96	-14120	-97611.8	14484	5177.313	45441.12	-899.556	-5871.42	-13348.6	-26230.1	29703.22	12223.72	1358157
-1440.58	431.6347	1673.396	638.6584	-644.151	-16478.83	-94329	-86651.4	525777	-144564	116798	-40320	18651	90647.2	-34308.2	-4E+05	-25909.712	7733.139	120617	139523.1	-1277.33	-319404	63412.59	-60929.8	507680.4	-84809.8	-66250.8	-642452	536230.1	-5764.52	-49161.8	47276.88	-5871.42	5348.916	59651.07	-41644.3	12223.72	-1922908
-1440.58	154.17	-479.66	231.7695	715.4297	6265.21	78711	8012.44	-104418	81457.9	-22258	5640.4	-5739.6	-180324	38231.16	135236	-25909.712	2762.1	-34630.8	50538.04	1416.668	121436.5	-69601.9	5634.03	-100824	53422.74	12412.54	89874.16	-165019	11507.1	51917.34	-17409.2	-5871.42	1910.51	-17096.3	-15084.4	-13576.3	-300899
-1440.58	-4943.68	-1950.91	528.51	-644.151	5048.318	-4702.5	24467.4	-147493	73362.9	-35244	11567	-3847	-83148	27712.96	147319	-25909.712	-88570.7	-140854	115243.2	-1277.33	97849.66	4158.296	17204.5	-142417	46113.61	19654.7	184630.9	-110605	5305.971	39711.22	-18964.7	-5871.42	-61263.2	-69543.7	-34397.3	12223.72	1151910
-1440.58	5349.509	1657.447	156.8778	1642.417	-2601.272	23531	-32480.7	144986	-23520.6	34007.4	-13828	2330.8	-32637	30688.33	-62287	-25909.712	95841.44	119665.6	34207.68	3256.845	-54296.1	-20807.6	-22839.1	139995.9	-15425.6	-18965.1	-220328	67014.27	2095.439	43974.74	8018.292	-5871.42	86292.33	59082.58	-10210.2	-31167.3	-2889077
-1440.58	-2933.94	396.5142	-13.2534	167.7615	1614.547	50014	13587	-57482.9	3042.13	-7414.1	5219.7	-1762.6	-26252	25859.07	76691	-25909.712	-52564.2	28627.82	-2889.95	332.6642	31294.24	-44225.9	9553.834	-55504.5	1995.128	4134.669	83169.85	-50881.4	1675.226	37054.68	-9872.65	-5871.42	-36358	14134.43	862.5807	-3183.52	-280100
-1440.58	-2530.49	-1616.99	-268.168	-644.151	7497.153	81367	15068.7	-150823	96405.6	-37960	7925.7	-6974.1	-171739	37145.09	155976	-25909.712	-45336.1	-116745	-58474.8	-1277.33	145314.8	-71951.2	10595.7	-145632	63225.9	21169.55	126267.3	-200512	10959.26	53226.94	-20079.2	-5871.42	-31358.4	-57640.4	17453.31	12223.72	1950362
4527.525	2871.624	556.9966	510.423	1763.884	-3211.783	-96451	7241.11	-15354.7	8295.01	6727.2	-2703.1	869.54	-19400	-9953.12	7019.2	81430.522	51451.41	40214.44	111299.3	3497.71	-62252.9	65269.53	5091.66	-14826.2	5440.136	-3751.6	-43071.6	25000.16	1237.965	-14262.3	-903.601	18453.04	35566.3	19855.1	-33220.1	-33472.3	-1559280
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-1440.58	1553.492	394.5206	-91.2538	-644.151	1847.122	54927	2876.51	-45106.3	33003.7	19260.2	1685.9	-2751.8	-84161	18046.08	63470	-25909.712	27832.26	28483.66	-19898.2	-1277.33	35802.15	-48570.2	2022.646	-43555.7	21844.88	-10740.9	26863.65	-79117.3	5370.608	25861.95	-8170.63	-5871.42	19251.23	14063.37	5939.122	12223.72	-659640
-1440.58	2207.409	396.5142	-169.819	-644.151	1541.146	46408	23101.9	-135806	31852.8	34216.8	6397.3	-4211.4	-9182.6	4515.616	19952	-25909.712	39547.79	28627.82	-37029.6	-1277.33	29871.53	-41037.5	18244.31	-131132	20890.12	-19081.9	133801.9	-121082	585.9723	6470.638	-2568.49	-5871.42	27354.71	14134.43	11052.45	12223.72	-225874
-1440.58	4426.626	-700.946	66.42086	-644.151	1340.736	16449	11301.6	-64181.2	-5351.88	-24876	6803.3	-1682.1	71463.7	-42801	-4915	-25909.712	79342.97	-50607.4	14919.38	-1277.33	25987.05	-16314.1	7946.845	-61972.2	-3509.94	13872.74	108403.4	-54112.3	-4580.35	-81331.6	632.7326	-5871.42	54880.54	-24986.4	-4453.07	12223.72	165812.6
4527.525	1190.538	58.60409	50.89904	3792.601	-6684.728	-113601	-2241.34	97879.7	-128598	-13366	107.31	7289.9	386166	-114158	-2E+05	81430.522	21329.6	4231.14	11086.69	7520.571	-129568	100454.2	-1576.02	94510.83	-84338.9	7454.112	1709.661	209592.1	-24770.3	-163582	29006.45	18453.04	14753.42	2089.043	-3312.69	-71970.2	-137533
-1440.58	5569.478	2278.451	97.81231	-644.151	-14259.48	-26477	-69000	408038	-190945	141244	-33477	14172	149979	11301.4	-3E+05	-25909.712	100140.7	164356.8	21328.27	-1277.33	-276387	23412.51	-46518	393993.9	-125228	-76768.5	-533417	407461.2	-9570.71	16194.3	42927.32	-5871.42	69266.09	81148.01	-6365.97	12223.72	-2879703
4527.525	-3608.85	-1503.36	-145.798	-644.151	3721.325	29350	7863.23	-66801.8	36758.5	-37937	7183.6	-3569	-69492	19887.45	72116	81430.522	-64655.9	-106541	-31791.8	-1277.33	72129.21	-25953.6	5529.112	-84502.6	24107.45	21156.7	114464	-102614	4434.522	26497.66	-9283.59	18453.04	-44721.7	-53569.8	9489.022	12223.72	1146697
4527.525	-5357.63	-1876.16	-213.624	-644.151	5651.4	40560	30265.6	-214991	91080.2	-55863	11764	-6255.5	-99372	20504.35	155294	81430.522	-95986.9	-135384	-46581.4	-1277.33	113415.8	-35866.6	21261.55	-207592	59733.36	31153.41	187443.1	-179853	6341.254	29361.65	-19991.3	18453.04	-66393	-66843.3	13903.41	12223.72	1996948
4527.525	-21.3076	1639.505	19.24672	-644.151	-12524.65	-384153	-17779	447333	-332405	20697.9	-382.46	12559	521308	-69638.7	-4E+05	81430.522	-381.748	118370.2	4196.806	-1277.33	-242761	339696.3	-12501.5	431936.6	-218002	-11542.7	-6094.08	361095.2	-33268.5	-99788.6	45086.27	18453.04	-284.049	58442.98	-1252.64	12223.72	-338553
-1440.58	826.0645	853.0418	192.2041	-644.151	-15961.93	-109475	-50631.6	349293	-157506	50464.5	-15995	10534	320771	-90046.1	-3E+05	-25909.712	14800.08	61568.52	41910.66	-1277.33	-309385	96606.02	-35602.3	337271.3	-103296	-28142.9	-254865	302865.3	-20469.5	-129031	39628.21	-5871.42	10237.03	30408.14	-12509.3	12223.72	-681495
-1440.58	-2573.96	-1308.96	-456.386	-644.151	10306.81	90525	25871.1	-239562	146816	-57655	12219	-9408.9	-258544	50467.67	237358	-25909.712	-48115.3	-94507	-99516.4	-1277.33	199773.4	-80049.4	18191.49	-231317	96287	32264.16	194699.2	-270459	16496.59	72317.49	-30555.6	-5871.42	-31697.4	-46661	29703.22	12223.72	2363284

Social Work			ALTERNATIVE #1		ALTERNATIVE #2		ALTERNATIVE #3	
		STATUS QU	MILITARY TO CIVILIAN		MILITARY TO CONTRAC		MILITARY TO TRICARE	
DMISID	LOCATION	EST. COST	EST. COST	SAVINGS	EST. COST	SAVINGS	EST. COST	SAVINGS
1	REDSTONE	$430,059	$430,059	$0	$430,059	$0	$430,059	$0
3	RUCKER	$382,144	$382,144	$0	$382,144	$0	$382,144	$0
5	WAINWRIGHT	$892,684	$1,025,087	($132,402)	$785,184	$107,500	$875,388	$17,296
8	HUACHUCA	$697,691	$732,127	($34,436)	$669,731	$27,959	$693,192	$4,498
32	CARSON	$1,112,707	$1,169,549	($56,843)	$1,066,555	$46,152	$1,105,281	$7,425
37	WRAMC	$3,237,505	$3,499,864	($262,360)	$3,024,489	$213,015	$3,203,232	$34,272
47	DDEAMC	$911,505	$1,072,209	($160,704)	$781,026	$130,479	$890,512	$20,993
48	BENNING	$996,625	$998,945	($2,320)	$994,741	$1,884	$996,322	$303
49	STEWART	$1,152,527	$1,249,203	($96,676)	$1,074,033	$78,494	$1,139,898	$12,629
52	TAMC	$2,223,755	$2,327,238	($103,483)	$2,139,735	$84,020	$2,210,237	$13,518
57	RILEY	$1,086,605	$1,167,472	($80,867)	$1,020,947	$65,658	$1,076,041	$10,564
58	LEAVENWORTH	$544,859	$574,774	($29,915)	$520,570	$24,289	$540,951	$3,908
60	CAMPBELL	$1,209,160	$1,315,093	($105,933)	$1,123,151	$86,009	$1,195,322	$13,838
61	KNOX	$1,036,722	$1,079,374	($42,652)	$1,002,092	$34,630	$1,031,150	$5,572
64	POLK	$851,635	$978,023	($126,387)	$749,019	$102,616	$835,125	$16,510
69	MEADE	$1,690,100	$1,801,386	($111,285)	$1,599,745	$90,355	$1,675,563	$14,537
75	L. WOOD	$635,897	$677,428	($41,532)	$602,176	$33,720	$630,471	$5,425
86	WEST PT	$379,865	$379,865	$0	$379,865	$0	$379,865	$0
89	BRAGG	$740,363	$740,363	$0	$740,363	$0	$740,363	$0
98	SILL	$784,834	$878,443	($93,609)	$708,831	$76,003	$772,606	$12,228
105	JACKSON	$782,866	$867,015	($84,149)	$714,544	$68,322	$771,874	$10,992
108	WBAMC	$1,321,848	$1,367,487	($45,639)	$1,284,792	$37,056	$1,315,886	$5,962
109	BAMC	$1,718,969	$1,927,678	($208,709)	$1,549,514	$169,455	$1,691,705	$27,264
110	HOOD	$2,128,645	$2,267,147	($138,502)	$2,016,193	$112,452	$2,110,553	$18,093
121	EUSTIS	$656,772	$656,772	$0	$656,772	$0	$656,772	$0
122	LEE	$488,315	$488,315	$0	$488,315	$0	$488,315	$0
123	BELVOIR	$1,011,053	$1,058,853	($47,800)	$972,242	$38,810	$1,004,808	$6,244
125	MAMC	$2,507,996	$2,617,121	($109,124)	$2,419,396	$88,600	$2,493,741	$14,255
131	IRWIN	$294,186	$294,186	$0	$294,186	$0	$294,186	$0
TOTAL SAVINGS				($2,115,330)		$1,717,479		$276,327
95% CONFIDENCE		$419,757						

Status Quo

ID	LOCATION	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A	AGE B	AGE C	AGE D
1	REDSTONE	0	1957901	73186.27	8965	3806	179	28741	9293	939.9636	2861.572	995.7677	1881.181
3	RUCKER	0	226818	93017.27	34233	0	421	31685	11939	2050.655	4184.984	1194.06	2630.656
5	WAINWRIGHT	75.27	943646.6	269608.89	0	5684	0	21000	3051	2290.454	3305.552	678.094	3881.138
8	HUACHUCA	0	306683.4	270373.78	0	5117	0	24893	5608	1761.45	3354.376	865.5035	3302.132
32	CARSON	0	783455.6	205675.89	0	13419	0	78272	14016	6578.129	11267.37	2832.114	11082.17
37	WRAMC	0	2554587	895985.96	357	49987	7	47311	24016	1423.706	3259.79	1002.28	3538.948
47	DDEAMC	223.56	1101997	343447.47	37732	9477	768	52243	9287	2999.638	6859.497	2240.353	5327.866
48	BENNING	2567.24	940446.2	156739.68	195763	9551	2314	73538	11435	4982.101	9688.076	2598.689	13052.18
49	STEWART	68.28	771423.4	280233.05	20373	12968	350	63704	9408	5709.013	9531.041	2213.675	12673.42
52	TAMC	14046.32	1496178	651103.27	0	27560	0	144695	29036	14106.8	21442.61	3933.072	23828.54
57	RILEY	636.36	637123	334461.45	68402	6888	1357	34385	4416	3773.676	5831.369	1187.593	6995.683
58	LEAVENWORTH	96.74	277230	76448.44	93750	2735	1667	40287	16284	1977.789	4871.145	1285.922	5446.193
60	CAMPBELL	617.96	713803	380126.53	29691	12253	695	78358	12267	8193.774	12070.06	2482.762	13710.19
61	KNOX	824.78	637040.1	353451.69	3668	6399	93	56941	8499	3165.404	7098.604	2140.106	8767.22
64	POLK	180.57	585190	223716.75	10321	6896	166	28410	4038	3003.675	4789.181	1008.025	5122.042
69	MEADE	357.11	1213719	349760.4	0	26154	0	80349	29338	3558.069	8123.525	2078.299	10454.75
75	L WOOD	0	314343	143658.72	38912	4771	1025	34729	3451	1631.259	4069.677	1261.659	9409.653
86	WEST PT	0	0	16215.12	92195	0	1582	30043	14833	1153.099	2608.499	652.6612	6426.316
89	BRAGG	562.89	991621.1	200522.71	309	5833	7	160888	26173	14333.28	22807.84	4943.686	26587.21
98	SILL	151.84	562639	157676.14	70059	13477	1714	55813	7800	4334.473	7391.187	1776.164	11950.35
105	JACKSON	227.55	430151	257712.27	0	5215	0	57297	9012	2126.838	5158.803	1790.144	13735.18
108	WBAMC	665.05	784134.2	235264.94	178365	14479	2890	58269	12990	3414.857	6921.736	2242.068	6683.435
109	BAMC	3134.36	995612	391603.88	366835	19911	6421	97193	31776	4893.066	10910.61	3739.136	8056.915
110	HOOD	657.34	1069182	217335.59	985815	22805	13478	133931	19382	12179.92	18544.66	4498.464	28507.1
121	EUSTIS	0	712762.8	44865.12	0	9957	0	48723	11439	3790.183	6657.235	1730.554	5124.792
122	LEE	0	257199.6	48249.44	56	2651	1	36392	9844	1344.906	3209.763	1070.711	2965.662
123	BELVOIR	7600.99	437785.6	506533.46	1706	4499	31	125517	70272	6589.054	19511.85	6214.767	12121.92
125	MAMC	8025.19	2021831	75937.05	173608	52684	4349	142188	31191	10175	17098.76	4090.281	15674.08
131	IRWIN	25.41	276477.4	0	0	3889	0	14783	2735	1824.578	2605.013	393.6658	2747.981

ID	LOCATION	AGE E	AGE F	AGE G	AGE H	FEMADLT	OVERLAP	EFTE	OFTE	CFTE	CONTR		
1	REDSTONE	1326.468	2500.045	6113.213	1505.257	6807.875	0	0	0	2.695	0	268956	
3	RUCKER	3989.841	3093.339	5872.82	1395.631	6919.734	0	0	0	0	0	321835	
5	WAINWRIGHT	5289.919	2593.345	1363.142	171.888	5606.173	0	0.9116	2.6591	5.9366	4.0275	1213331	
8	HUACHUCA	3972.232	3099.655	3900.341	1048.08	7271.761	0	1.02	0.6916	4.26	4.3025	579057	
32	CARSON	13838.62	9737.536	11341.44	3424.401	22156.17	1	1.6041	1.1416	9.43	5.305	969031	
37	WRAMC	6255.415	8026.767	8749.972	5533.329	12994.15	0	5.0225	5.2691	25.28	3.015	3450573	
47	DDEAMC	5551.196	6211.798	10401.26	3655.103	15805.96	0	1.9775	3.2275	6.1075	5.794167	1445868	
48	BENNING	10564.45	6973.666	10082.03	4187.277	19570.94	0	1.6891	0.0466	11.6083	4.0533	1099755	
49	STEWART	13194.05	7342.882	8222.189	1117.704	16866.43	0	0.795	1.9416	10.6841	4.7216	1051723	
52	TAMC	31545.2	17585.56	11468.42	4534.917	38218.93	0	3.7425	2.0763	18.53	1.9441	2161328	
57	RILEY	6879.196	3818.959	3192.781	833.7728	9549.423	0	1.6433	1.6241	8.6956	2.85	972221	
58	LEAVENWORTH	3687.625	4887.195	6160.594	1324.677	8880.015	0	0.1141	0.8006	3.4106	0	353775	
60	CAMPBELL	17327.35	8374.132	7697.131	1170.672	20818.79	0	0.0018	2.1275	9.4241	5.3925	1094347	
61	KNOX	7105.009	6083.585	7886.242	1420.636	12689.59	0	0.6308	0.8566	7.1975	2.1808	991317	
64	POLK	5652.739	3122.182	3454.972	838.4678	6366.097	0	2.4833	2.5383	5.8775	2.5363	609087	
69	MEADE	11357.04	7549.331	8107.512	3274.269	16664.64	1	2.235	2.235	14.3766	2.1833	1563837	
75	L WOOD	4451.44	3335.93	4143.577	1473.268	9383.13	0	0.7283	0.8341	3.4741	0.9241	456002	
86	WEST PT	2264.156	2103.2	3307.338	1735.775	5715.231	0	0	0	0	0	16215.1	
89	BRAGG	33061.1	18382.19	17391.39	3596.15	42841.94	0	0	0	0	0	1192727	
98	SILL	9001.5	5505.346	8129.66	1824.938	13643.92	0	1.6033	1.88	4.6625	3.02	720469	
105	JACKSON	5399.633	4681.51	8419.551	2525.381	18126.77	0	1.7866	1.69	4.0683	0.9066	688091	
108	WBAMC	6255.099	5996.231	10882.54	4974.507	17545.54	1	3.8016	0.9166	9.2641	2.0483	1020084	
109	BAMC	9848.723	11173.15	20554.65	8667.96	30120.66	1	3.8656	4.1918	8.4775	0.0041	1390750	
110	HOOD	27672.74	15057.63	13280.48	2174.147	36290.34	0	4.5008	2.7816	12.74	0	1287175	
121	EUSTIS	6050.989	5044.072	6577.603	1729.729	13150.66	1	0	0	7.0666	0	757748	
122	LEE	3592.904	3627.742	5665.118	1697.796	8405.029	1	0	0	2.3525	0	306449	
123	BELVOIR	10111.57	14147.39	24621.11	8363.637	37247.17	1	0	0.96	5.1133	0	951920	
125	MAMC	18490.63	13004.25	18496.57	7419.933	34826.18	0	0.9833	2.1916	34.6866	0	2105793	
131	IRWIN	3348.505	1749.01	803.88	146.886	3723.003	0	0	0	0.835	0	276503	

ID	LOCATION	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A	AGE B	AGE C	AGE D	AGE E	AGE F	AGE G	AGE H	FEMADLT
1	REDSTONE	-1406.37	-570509	-176976	-73459.9	-8832.24	-1176.69	-36030.7	-6321.93	-3708.48	-5639.86	-1181.29	-7770.81	-6579.85	-4558.49	-2586.78	-1253.85	-10357.2
3	RUCKER	-1406.37	-537861	-157125	-48191.9	-12440.2	-934.69	-33086.7	-3675.93	-2597.79	-4316.47	-982.999	-6621.31	-5916.67	-3965.2	-2827.17	-1363.48	-6345.38
5	WAINWRIGHT	-1331.1	177347.6	19467.12	-82424.9	-6856.24	-1355.69	-43771.7	-12563.9	-2357.99	-5195.9	-1498.96	-5770.83	-4618.4	-4465.19	-7336.85	-2587.22	-11658.9
8	HUACHUCA	-1406.37	-457610	20232.01	-82424.9	-7323.24	-1355.69	-39878.7	-10008.9	-2687	-5147.08	-1291.55	-6349.84	-5934.08	-3958.88	-4799.65	-1711.03	-9993.35
32	CARSON	-1406.37	-2843.43	-44565.9	-82424.9	978.7586	-1355.69	13500.34	-1598.93	1929.68	2785.916	655.0554	1430.203	3930.309	2678.997	2441.452	665.2895	4891.057
37	WRAMC	-1406.37	1768266	645844.2	-82067.9	37546.76	-1348.69	-17460.7	8403.069	-3224.74	-5241.66	-1174.78	-6113.02	-3650.9	968.2266	-149.97904	2774.216	-4270.87
47	DDEAMC	-1182.79	335697.6	93305.7	-44692.9	-2963.24	-587.69	-12528.7	-6327.93	-1848.81	-1641.96	63.29424	-4324.08	-4355.12	-846.741	1501.269	1005.992	-1459.15
48	BENNING	1160.867	174149.2	-93402.1	113338.1	-2889.24	958.3103	-11233.7	-4179.93	133.6523	1186.621	421.6307	3200.214	658.1322	-84.8727	1182.037	1428.165	2305.827
49	STEWART	-1340.09	5124.43	30091.28	-62051.9	527.7586	-1005.69	-21067.9	-6206.93	860.564	1029.569	36.61641	2821.45	3287.736	284.3431	-677.82	-1641.41	-398.68
52	TAMC	12639.95	709879	400961.5	-82424.9	15119.76	-1355.69	59923.34	13421.07	9258.35	12941.16	1756.013	13976.57	21638.89	10527.02	2568.429	1775.806	20953.82
57	RILEY	-770.013	-149176	84319.68	-14022.9	-5552.24	1.310345	-50386.7	-11198.9	-1074.57	-2670.09	-989.465	-2856.29	-3027.12	-3239.58	-5707.21	-1925.34	-7715.69
58	LEAVENWORTH	-1309.63	-509069	-173695	11325.14	-9705.24	311.3103	-44484.9	669.069	-2870.66	-3630.31	-891.158	-4405.78	-6218.69	-2171.34	-2738.4	-1434.43	-8385.1
60	CAMPBELL	-788.413	-72496	129984.8	-52733.9	-187.241	-660.69	-6413.66	-3347.93	3345.326	3568.602	305.704	3858.218	7421.037	1315.593	-1202.86	-1588.44	3553.677
61	KNOX	-581.593	-149259	103310.1	-78756.9	-6041.24	-1262.69	-27830.9	-7115.93	-1683.05	-1402.85	-36.9526	-1084.75	-2801.31	-974.954	-1013.75	-1338.48	-4575.52
64	POLK	-1225.8	-201109	-26425	-72103.9	-5544.24	-1189.69	-56361.9	-11576.9	-1844.77	-3712.27	-1169.05	-4729.93	-4253.58	-3936.38	-5445.02	-1922.64	-10899.0
69	MEADE	-1049.26	427420	99618.63	-82424.9	13713.76	-1355.69	-4422.66	13723.07	-1290.38	-377.93	-98.7786	602.7798	1450.726	490.7919	-792.481	515.1773	-600.472
75	L WOOD	-1406.37	-471956	-106483	-43512.9	-7669.24	-330.69	-50042.7	-12163.9	-3217.19	-4431.78	-915.42	-442.317	-5454.88	-3722.61	-4756.42	-1285.82	-7881.98
86	WEST PT	-1406.37	-786299	-233927	9770.138	-12440.2	226.3103	-54728.7	-781.931	-3695.35	-5892.96	-1524.42	-3425.65	-7642.16	-4955.34	-5592.65	-1023.34	-11549.9
89	BRAGG	-843.483	205322.1	-49619.1	-82115.9	-6607.24	-1348.69	76116.34	10558.07	9484.826	14306.18	2766.628	16735.25	23154.79	11323.66	8491.397	837.0387	25576.83
98	SILL	-1254.53	-223660	-92465.6	-12365.9	1036.759	358.3103	-28958.9	-7814.93	-513.976	-1110.27	-400.894	2098.383	-904.815	-1553.18	-770.33	-934.176	-3621.19
105	JACKSON	-1178.82	-356148	7570.497	-82424.9	-7225.24	-1355.69	-27474.9	-6602.93	-2721.61	-3342.65	-386.936	3883.213	-4506.69	-2377.03	-480.442	-233.73	861.66
108	WBAMC	-741.323	-2164.8	-14876.8	95940.14	2038.759	1534.31	-26502.9	-2624.93	-1433.59	-1579.72	65.00908	-3168.53	-3651.22	-1062.31	1982.55	2215.396	280.4247
109	BAMC	1727.987	209313	141462.1	284410.1	7470.759	5065.31	12421.34	16161.07	44.6467	2409.153	1562.077	-1795.05	-57.5918	4114.614	11654.66	5908.649	12855.55
110	HOOD	-749.033	282883	-32806.2	883390.1	10364.76	12122.31	49159.34	3767.069	7331.473	10043.2	2321.405	18655.13	17766.43	7999.067	4380.472	-584.965	19025.22
121	EUSTIS	-1406.37	-73536.2	-205157	-82424.9	-2483.24	-1355.69	-36048.7	-4175.93	-1058.27	-1844.22	-446.524	-4727.18	-3855.35	-2014.47	-2322.39	-1029.38	-4114.45
122	LEE	-1406.37	-529099	-200892	-82368.9	-9789.24	-1354.69	-48379.7	-5770.93	-3503.54	-5291.67	-1106.37	-6886.31	-6313.41	-3430.8	-3234.88	-1061.31	-8860.66
123	BELVOIR	6194.617	-348513	256391.7	-80718.9	-7941.24	-1324.69	40745.34	54657.07	1740.605	11010.39	4037.709	2269.946	205.2593	7088.852	15721.12	5604.525	19982.06
125	MAMC	6618.817	1235532	-174205	91184.14	40243.76	2993.31	57416.34	15576.07	5326.553	8597.301	1913.223	5822.106	8584.315	5945.71	9596.574	4660.622	17563.07
131	IRWIN	-1380.96	-509822	-250142	-82424.9	-8571.24	-1355.69	-69988.7	-12879.9	-3023.87	-5898.44	-1783.37	-7103.99	-6557.61	-5309.53	-8096.1	-2612.23	-13542.1

Social Work

	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A	AGE B	AGE C	AGE D	AGE E	AGE F	AGE G	AGE H	FEMADLT	OVERLAP	EFTE	OFTE	CFTE	CONTR		
AVERAGE	1406.37	786298.99	250141.77	82424.86	12440.24	1355.69	84771.86	15614.93	4848.45	8501.45	2177.08	9851.97	9906.32	7058.54	8899.99	2759.11	17265.11	0.24	1.42	1.46	8.07	1.90	#######	#DIV/0!

	ANCTOT	DIRTOT	OVRTOT	$CHAMP	#MHSS	#CHAMP	POP	OFAMBR	AGE A	AGE B	AGE C	AGE D	AGE E	AGE F	AGE G	AGE H	FEMADLT
AVERAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHAMPUS VOLUME COEFFICIENTS							-0.01895	0.158627	6.155954	-5.19015	14.01088	0.361781	-0.09424	0.104741	-0.00896	0.85922	-1.19316
MEPRS VOLUME COEFFICIENTS							0.036718	0.190108	3.292833	-3.19497	1.702563	0.209939	0.116146	1.269834	0.203312	1.036523	-0.66031
CHAMPUS COST COEFFICIENTS							-3.42539	11.58457	382.4351	-346.375	957.3683	23.39129	8.276417	3.267162	1.898523	42.32235	-74.161
DIRECT COST COEFFICIENTS							-10.2939	-16.1562	-397.598	171.1008	-174.664	-32.2754	120.1036	65.28668	-18.0567	73.38629	23.5255
ANCILLARY COST COEFFICIENTS							0.137409	-0.0355	-1.04915	1.745669	-2.24619	-0.5117	-1.15416	0.624146	-2.06387	0.861609	0.983902

CHAMPUS VOLUME MATRIX

682.7768	-1002.83	-22829.3	29271.86	-16550.9	-2611.33	808.5247	-477.462	23.17926	-1077.34	12357.8
626.9901	-583.102	-15991.9	22403.14	-13772.7	-2487.82	557.5597	-415.32	25.33336	-1171.53	9957.336
829.4702	-1992.98	-14515.7	26967.53	-21001.8	-2087.77	435.0276	-467.69	65.74311	-2222.99	13810.93
755.6981	-1587.37	-17772.2	26714.13	-18095.8	-2297.25	559.2002	-414.658	43.0061	-1470.15	11923.62
-255.831	-253.634	11879.02	-14459.3	9177.699	517.4195	-370.374	280.6014	-23.6692	571.6302	-5835.79
330.8784	1332.953	-19651.4	27205.04	-16459.7	-2211.57	344.0438	101.4134	-0.44785	2383.664	5095.926
237.4173	-1003.76	-10146.8	8522.013	666.8076	-1564.37	410.4059	-88.6687	-15.2447	941.6985	1740.99
-166.122	-663.05	2053.948	-7196.78	5907.416	1230.131	-62.0193	-8.86967	-12.384	1227.109	-2751.21
20.232	-984.587	6528.763	-5343.71	513.028	1063.102	-309.821	29.78244	22.20296	-1410.33	475.6669
-1514.54	2126.944	58223.94	-67166.6	24603.28	5128.806	-2039.15	1102.612	-24.607	1525.808	-25001.2
575.6253	-1776.45	-5383.63	13339.14	-13863.3	-960.917	285.2616	-339.318	49.34831	-1611.33	9206.018
463.9626	106.1324	-18440.5	16841.87	-12485.6	-1521.57	586.0203	-227.429	22.75471	-1232.49	10028.59
-257.46	-531.072	21824.86	-18521.6	4002.963	1468.183	-699.324	137.7968	8.966311	-1364.62	-4240.09
148.3904	-1126.78	-9129.56	7343.294	-517.736	-320.085	263.982	-104.213	7.184225	-1150.04	5220.677
689.0512	-1836.41	-10125.2	19267.27	-16407.2	-1636.64	400.8372	-412.299	46.99891	-1651.97	10617.91
-295.19	2176.649	-4865.54	1961.516	-1411.72	290.4301	-136.71	51.40613	5.309026	442.6507	477.8259
569.3065	-1929.53	-17342.5	23001.61	-12622.7	-87.6655	514.042	-369.91	40.82654	-1104.81	8404.431
658.1059	-124.035	-21517.2	30585.34	-21355.3	-1166.26	720.1614	-519.028	48.32181	-879.272	13780.81
-1817.61	1674.796	59619.35	-74251.3	38762.86	6126.842	-2182	1187.101	-77.8807	719.2005	-30517.1
169.766	-1239.66	-1932.82	5762.46	-5818.88	831.5101	85.26552	-162.683	23.03191	-802.663	4320.649
141.6443	-1047.4	-15522.9	17348.87	-5421.01	1477.227	424.6886	-248.973	2.512948	-200.826	1358.221
123.2249	-416.385	-7593.93	8196.983	910.8342	-1073.96	344.0736	-111.267	-19.5571	1903.513	-334.59
-614.383	2563.899	1506.034	-12503.9	21686.07	-577.06	5.427181	430.9697	-106.228	5077.002	-15336.7
-1310.57	597.5588	46363.4	-52125.8	32496.89	6097.859	-1693.07	637.8341	-41.0441	-502.613	-22700.1
342.0209	-662.415	-5283.57	8533.751	-6255.92	-1637.84	363.3096	-210.998	19.0175	-884.466	4909.183
537.7926	-915.425	-20336.5	27464.59	-15500.9	-2411.74	594.9464	-369.82	27.19453	-911.902	10571.46
-1151.12	8670.086	11946.27	-57145.6	56571.83	893.5783	-19.3427	742.4949	-142.664	3097.081	-23841.7
-1467.04	2470.785	34021.21	-44621.3	26805.92	2178.681	-808.946	622.7606	-87.7839	4004.672	-20855.5
947.282	-2043.1	-17383.6	30603.44	-24966.6	-2497.73	617.9774	-556.126	70.7544	-2244.48	16157.84

MEPRS VOLUME MATRIX

-1322.96	-1201.65	-12211.4	18019.25	-2011.22	-1631.4	-996.531	-5788.53	-525.924	-1299.65	6839.021
-1214.86	-898.824	-8554.1	13790.99	-1673.62	-1432.06	-887.209	-5035.15	-574.798	-1413.28	5510.564
-1607.19	-2388.51	-7764.48	16600.75	-2552.08	-1211.53	-536.165	-5670.06	-1491.67	-2661.72	7898.552
-1464.25	-1902.4	-9506.41	16444.76	-2198.95	-1333.08	-689.231	-5027.13	-975.827	-1773.52	6598.742
495.7004	-303.97	6354.116	-8900.92	1115.273	300.256	456.4969	3401.883	537.0392	669.5876	-3229.63
-641.114	1597.492	-10616.5	16746.96	-2000.13	-1283.36	-424.044	1229.49	10.16135	2875.539	2820.176
-460.022	-1202.99	-5428.6	5246.004	107.7625	-907.796	-505.838	-1075.22	345.8928	1136.02	963.4945
321.8792	-794.639	1098.661	-4430.21	717.8531	713.8391	76.44064	-107.774	280.9848	1480.326	-1522.57
-39.2017	-1179.99	3492.261	-3289.49	82.34177	634.3217	381.8635	381.0686	-503.772	-1701.36	263.2534
2934.584	2551.455	31144.11	-41346.6	2989.724	2976.221	2513.311	13387.57	562.8552	1840.663	-13836.1
-1115.73	-2129.01	-2879.82	8211.344	-1684.63	-557.615	-351.593	-4113.73	-1119.68	-1943.63	5094.772
-699.018	127.1955	-8794.04	11598.73	-1517.22	-682.958	-722.288	-2757.25	-516.291	-1486.82	5549.997
496.8581	-636.469	11874.17	-11401.8	486.4292	851.9796	861.9375	1670.585	-203.894	-1646.45	-2348.54
-287.523	-1352.8	-4883.42	4520.405	-82.9142	-165.744	-325.366	-1263.43	-163.006	-1387.36	2889.214
-1335.11	-2200.87	-5415.97	11860.6	-1993.76	-951.01	-494.044	-4996.52	-1066.38	-1992.86	5878.138
571.9629	2608.687	-2602.59	1207.476	-171.549	168.5352	166.4989	623.2243	-120.459	533.9829	264.4373
-1103.09	-2312.48	-9276.54	14159.39	-1558.19	-50.8719	-633.572	-4727.1	-926.375	-1332.79	5204.577
-1275.15	-148.651	-11509.6	18827.61	-2595.04	-876.772	-887.82	-6292.46	-1096.39	-1080.71	7626.54
3521.819	2007.175	31890.52	-45707.8	4710.36	3555.376	2689.379	14391.86	1767.067	867.8094	-16888.7
-326.94	-1485.66	-1033.87	3547.271	-682.548	482.5212	-105.092	-1972.3	-522.56	-968.294	2391.122
-274.451	-1255.27	-8303.24	10679.67	-658.747	657.2276	-523.441	-3018.43	-57.0173	-242.266	751.6635
-238.762	-499.021	-4062.01	5047.153	110.6821	-623.213	-424.081	-1348.96	443.739	2296.307	-185.168
1190.434	3072.731	805.561	-7697.17	2659.536	-334.865	-8.68916	5224.878	2410.237	6124.655	-8488.69
2539.366	718.1505	24799.89	-32087.7	3948.934	3538.558	2086.762	10157.52	931.2656	-806.329	-12582.6
-862.703	-793.879	-2826.19	5253.23	-760.202	-950.433	-447.79	-2558.04	-431.495	-1066.98	2716.828
-1042.03	-1097.1	-10876	16906.73	-1883.83	-1399.52	-733.269	-4463.53	-617.027	-1100.07	5850.43
2230.424	10390.75	6390.089	-35177.9	6874.455	518.5391	23.84042	9001.667	3236.957	3736.172	-13194.4
2842.543	2961.138	18198.02	-27468.1	3257.383	1264.278	997.0498	7550.066	1991.763	4831.047	-11597.1
-1835.46	-2448.56	-9296.54	18638.95	-3036.31	-1449.42	-761.676	-6742.22	-1605.37	-2707.63	8942.035

CHAMPUS VOLUME

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.942933
R Square	0.889123
Adjusted	0.684266
Standard	1349.878
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	16	189956453	11872278	6.515461	0.00109
Residual	13	23688210	1822170		
Total	29	213644662			

	Coefficient	tandard Err	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A
POP	-0.01895	0.1021912	-0.18544	0.855749	-0.23972	0.201821
OFAMBR	0.158627	0.0818333	1.938415	0.074596	-0.01816	0.335417
AGE A	6.155954	1.5916952	3.867546	0.001942	2.717306	9.594602
AGE B	-5.19015	1.4230734	-3.64714	0.002953	-8.26452	-2.11579
AGE C	14.01088	3.4443568	4.067777	0.001331	6.569797	21.45195
AGE D	0.361781	0.2382042	1.518783	0.152757	-0.15283	0.876389
AGE E	-0.09424	0.5597272	-0.16836	0.868892	-1.30345	1.114982
AGE F	0.104741	0.6415974	0.163251	0.872832	-1.28135	1.490828
AGE G	-0.00896	0.6914703	-0.01296	0.989857	-1.50279	1.48487
AGE H	0.85922	0.6844487	1.255346	0.23145	-0.61944	2.337881
FEMADLT	-1.19316	0.479818	-2.48668	0.027265	-2.22974	-0.15657
OVERLAP	-779.781	939.63587	-0.82985	0.421598	-2809.72	1250.198
EFTE	580.1134	439.57631	1.31971	0.209701	-369.533	1529.76
OFTE	-2.34588	396.70404	-0.00591	0.995372	-859.373	854.6809
CFTE	5.343314	83.755474	0.063797	0.950103	-175.599	186.286
CONTR	-452.886	251.0832	-1.80365	0.094499	-995.298	89.56624

MEPRS VOLUME

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.987475
R Square	0.975107
Adjusted	0.869462
Standard	2996.205
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	16	4.57E+09	2.86E+08	31.82766	2.22E-07
Residual	13	1.17E+08	8977247		
Total	29	4.69E+09			

	Coefficient	andard Err	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A
POP	0.036718	0.226825	0.161876	0.873892	-0.45331	0.526743
OFAMBR	0.190108	0.181638	1.04663	0.314341	-0.2023	0.582514
AGE A	3.292833	3.532946	0.932036	0.368305	-4.33963	10.9253
AGE B	-3.19497	3.158671	-1.01149	0.330238	-10.0189	3.628924
AGE C	1.702563	7.645137	0.222699	0.827231	-14.8137	18.21887
AGE D	0.209939	0.528721	0.39707	0.697758	-0.93229	1.352172
AGE E	0.116146	1.242377	0.093488	0.926941	-2.56784	2.800141
AGE F	1.269834	1.424097	0.891677	0.388773	-1.80674	4.346409
AGE G	0.203312	1.534796	0.132469	0.896642	-3.11241	3.519037
AGE H	1.036523	1.519211	0.682277	0.507039	-2.24553	4.318577
FEMADLT	-0.66031	1.06501	-0.62001	0.545968	-2.96113	1.6405
OVERLAP	898.3893	2085.627	0.430743	0.673711	-3607.35	5404.093
EFTE	-105.584	975.689	-0.10821	0.915478	-2213.43	2002.264
OFTE	1075.935	880.5292	1.221919	0.243433	-826.332	2978.203
CFTE	1255.651	165.9047	6.754274	1.35E-05	854.0287	1657.274
CONTR	-394.115	557.3074	-0.70718	0.49194	-1598.1	809.8744

CHAMPUS COSTS

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.934676
R Square	0.873619
Adjusted	0.650872
Standard	98723.69
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	16	8.76E+11	5.47E+10	5.618484	0.00219
Residual	13	1.27E+11	9.75E+09		
Total	29	1E+12			

	Coefficient	andard Err	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A
POP	-3.42539	7.473784	-0.45832	0.654289	-19.5715	12.72073
OFAMBR	11.58457	5.984903	1.935632	0.074965	-1.34503	24.51417
AGE A	382.4351	116.4081	3.285268	0.005913	130.9486	633.9215
AGE B	-346.375	104.0769	-3.32807	0.005446	-571.219	-121.531
AGE C	957.3683	251.904	3.800529	0.002205	413.1629	1501.574
AGE D	23.39129	17.42113	1.342696	0.202348	-14.2448	61.02735
AGE E	8.276417	40.93581	0.20218	0.842905	-80.16	96.71283
AGE F	3.267162	46.9234	0.069628	0.94555	-98.1047	104.639
AGE G	1.898523	50.57086	0.037542	0.970623	-107.353	111.1502
AGE H	42.32235	50.05735	0.845477	0.413136	-65.82	150.4848
FEMADLT	-74.161	35.09162	-2.11335	0.054475	-149.972	1.649809
OVERLAP	-52050.2	68720.53	-0.75742	0.462308	-200512	96411.41
EFTE	53239.97	32148.54	1.656062	0.121635	-16212.7	122692.7
OFTE	-18591	29013.06	-0.64078	0.532798	-81269.9	44087.86
CFTE	1770.671	6125.48	0.289066	0.777069	-11462.6	15003.96
CONTR	-28634.6	18363.04	-1.55936	0.142916	-68305.5	11036.34

DIRECT COSTS

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.96892
R Square	0.93881
Adjusted	0.79129
Standard	200766
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	16	8E+12	5.03E+11	12.46618	4.05E-05
Residual	13	5.2E+11	4.03E+10		
Total	29	8.6E+12			

	oefficient	andard Er	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0	pper 95.0
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
POP	-10.2939	15.2003	-0.67722	0.510139	-43.1322	22.54427	-43.1322	22.54427
OFAMBR	-16.1562	12.1722	-1.3273	0.207248	-42.4526	10.14022	-42.4526	10.14022
AGE A	-397.598	236.754	-1.67937	0.116939	-909.075	113.8786	-909.075	113.8786
AGE B	171.101	211.673	0.808326	0.433447	-286.191	628.3924	-286.191	628.3924
AGE C	-174.664	512.326	-0.34092	0.738607	-1281.46	932.1479	-1281.46	932.1479
AGE D	-32.2754	35.4313	-0.91093	0.378914	-108.82	44.26933	-108.82	44.26933
AGE E	120.104	83.2558	1.442586	0.172796	-59.7596	299.9668	-59.7596	299.9668
AGE F	65.2867	95.4335	0.684107	0.50592	-140.885	271.4561	-140.885	271.4561
AGE G	-18.0567	102.852	-0.17556	0.863344	-240.254	204.1409	-240.254	204.1409
AGE H	73.3863	101.807	0.720835	0.483773	-146.555	293.3276	-146.555	293.3276
FEMADLT	23.5255	71.3698	0.329628	0.746932	-130.66	177.7106	-130.66	177.7106
OVERLAP	-45360.5	139765	-0.32455	0.750686	-347304	256582.9	-347304	256582.9
EFTE	-56022.5	65384.1	-0.85682	0.407062	-197276	85231.34	-197276	85231.34
OFTE	108362	59007.2	1.836428	0.089261	-19114.8	235839.6	-19114.8	235839.6
CFTE	52664.1	12458.1	4.227304	0.000988	25750.06	79578.17	25750.06	79578.17
CONTR	-26230.7	37347	-0.70235	0.494844	-106914	54452.55	-106914	54452.55

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.940624
R Square	0.884774
Adjusted	0.674898
Standard	1579.717
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	16	249106134	15569133	6.238869	0.00134
Residual	13	32441577	2495506		
Total	29	281547711			

	Coefficient	tandard Err	t Stat	P-value	Lower 95%	Upper 95%		
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A		
POP	0.137409	0.119591	1.14899	0.271262	-0.12095	0.395769		
OFAMBR	-0.0355	0.0957668	-0.37067	0.716855	-0.24239	0.171394		
AGE A	-1.04915	1.862708	-0.56324	0.582858	-5.07328	2.974986		
AGE B	1.745669	1.6653755	1.048213	0.313638	-1.85216	5.343493		
AGE C	-2.24619	4.0308159	-0.55725	0.58682	-10.9542	6.461654		
AGE D	-0.5117	0.2787625	-1.83561	0.089389	-1.11393	0.090531		
AGE E	-1.15416	0.6550301	-1.762	0.101551	-2.56927	0.260943		
AGE F	0.624146	0.75084	0.831264	0.420831	-0.99794	2.246237	-0.99794	2.246237
AGE G	-2.06387	0.8092047	-2.5505	0.02417	-3.81205	-0.31569	-3.81205	-0.31569
AGE H	0.861609	0.8009876	1.075684	0.301626	-0.86882	2.592037	-0.86882	2.592037
FEMADLT	0.983902	0.561515	1.752227	0.103272	-0.22918	2.196981	-0.22918	2.196981
OVERLAP	-1667.22	1099.6246	-1.51617	0.153409	-4042.82	708.3708	-4042.82	708.3708
EFTE	101.9596	514.42153	0.198203	0.845952	-1009.38	1213.3	-1009.38	1213.3
OFTE	99.63593	464.24954	0.214617	0.833396	-903.314	1102.586	-903.314	1102.586
CFTE	-21.9256	98.016245	-0.22369	0.826473	-233.677	189.8256	-233.677	189.8256
CONTR	-85.7671	293.83432	-0.29189	0.774977	-720.557	549.0232	-720.557	549.0232

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.9268
R Square	0.858957
Adjusted	0.802032
Standard	75206.88
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	4	8.61E+11	2.15E+11	38.06287	4.62E-10
Residual	25	1.41E+11	5.66E+09		
Total	29	1E+12			

	Coefficient	andard Err	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A
EQC1	69.81139	6.187148	11.2833	2.66E-11	57.06874	82.55405
EQM1	-3.17998	3.935511	-0.80802	0.4267	-11.2853	4.925349
EDCM1	0.058363	0.090343	0.646016	0.524155	-0.1277	0.244428
EANCM1	-1.58844	5.484393	-0.28963	0.774488	-12.8838	9.706868

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.932255
R Square	0.8691
Adjusted	0.813392
Standard	211773
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	4	7.44E+12	1.86E+12	41.49622	1.9E-10
Residual	25	1.12E+12	4.46E+10		
Total	29	8.57E+12			

	Coefficient	andard Err	t Stat	P-value	Lower 95%	Upper 95%
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A
EANCM1	7.753426	15.54606	0.498739	0.622323	-24.2643	39.77112
ECC1	2.3708	1.621384	1.462207	0.156143	-0.9685	5.710102
EQC1	-184.276	112.3506	-1.64021	0.113486	-415.666	47.11182
EQM1	42.76482	4.03729	10.59246	9.91E-11	34.44987	51.07977

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.48761
R Square	0.23777
Adjusted	0.1063
Standard	2929.68
Observati	29

ANOVA

	df	SS	MS	F	ignificance F
Regressio	4	6.7E+07	16735656	1.949588	0.134741
Residual	25	2.1E+08	8564203		
Total	29	2.8E+08			

	oefficient	andard Er	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0	pper 95.0
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
ECC1	-0.01969	0.02379	-0.82763	0.415712	-0.06867	0.029301	-0.06867	0.029301
EQC1	1.27456	1.68158	0.757965	0.455564	-2.18872	4.737843	-2.18872	4.737843
EQM1	0.00427	0.1715	0.024887	0.980342	-0.34894	0.357472	-0.34894	0.357472
EDCM1	0.00237	0.00376	0.629652	0.534635	-0.00537	0.010102	-0.00537	0.010102

Status Quo

OVERLAP	EFTE	OFTE	CFTE	CONTR	EANCM1	ECC1	EQC1	EQM1	EDCM1	EANCM1	ECC2	EDCM2	EANCM2	MCHAT	MQHAT	CCHAT	CQHAT	TCHAT
-0.24138	-1.41931	-1.46494	-5.37377	-1.90383	-2533.223	-93800	-1403.24	-9771.64	-478724	-2533.2	-90804	-401317	-1116.1	438438.4	2668.6	-8379.487	-47.5492	430059
-0.24138	-1.41931	-1.46494	-8.06877	-1.90383	-2272.104	-29902	-644.62	-13006.7	-571943	-2272.1	-33412	-525951	-1641.4	333130.5	-566.5	49013.02	711.0699	382144
-0.24138	-0.50771	1.194162	-2.13217	2.123667	-1527.873	-80546	-1162.49	-3996.74	-26681.9	-1527.9	-67576	-159503	23.7288	877835.1	8443.5	14849.156	193.2007	892684
-0.24138	-0.38931	-0.77334	-3.80877	2.398667	-1790.798	-157825	-2790.06	-8561.88	-289241	-1790.8	-181588	-240056	-1170	796853.3	3878.4	-99162.732	-1434.37	697691
0.758621	0.184786	-0.32334	1.361231	3.401167	-1982.553	-38069	-766.649	1598.74	101532	-1982.6	-51066	108075	-8.7978	1081348	14039	31359.082	587.0405	1112707
0.758621	3.603186	3.804162	17.21123	1.111167	-785.7811	-40730	-650.595	35880.1	1611930	-785.78	-64192	2E+06	3938.58	3219271	48320	18233.124	705.0943	3237506
-0.24138	0.558186	1.762562	-1.96127	3.890334	276.5959	-119036	-1345.91	-4156.56	136631	276.596	-73207	-209799	933.25	902287.4	8283.7	9217.7419	9.779667	911505
-0.24138	0.269786	-1.41834	3.539531	2.149467	597.5109	-52702	-1048.3	-339.302	78262.8	597.511	-66486	58356	-115	982685.9	12101	13938.614	307.3855	996625
-0.24138	-0.62431	0.476662	2.015331	2.617767	-1079.366	-36862	-808.002	263.255	219980	-1079.4	-42552	64500	215.869	1112654	12703	39872.787	549.6874	1152527
-0.24138	2.323186	0.613362	8.481231	0.040267	10515.17	-92261	-1471.4	16504.1	901147	10515.2	-119312	839691	2143.21	2260643	26944	-36867.607	-115.713	2223755
-0.24138	0.223986	0.159162	0.927031	0.946167	205.188	-36494	-585.279	-1867.64	-94850.8	205.188	-40782	-56945	-259.9	1044962	10573	41643.036	770.4103	1066605
-0.24138	-1.30521	-0.66414	-4.65797	-1.90383	-763.706	-119163	-1587.84	-6407.21	-377407	-763.71	-111268	-269832	-598.11	573721.9	6033	-26863.305	-232.152	544659
-0.24138	-1.41771	0.662562	1.355331	3.488667	-1773.936	-36777	-379.993	781.628	38687.5	-1773.9	-23938	2506.3	334.483	1150673	13222	58487.138	975.6962	1209160
-0.24138	-0.78851	-0.60834	-0.87127	0.276967	-2136.276	23524	235.244	-4493.23	-73878.1	-2136.3	29793	-196296	-357.17	924504.1	7947	112217.55	1590.934	1036722
-0.24138	1.063986	1.073362	-2.19127	0.634467	-915.2399	-32038	-545.924	-4887.83	-157120	-915.24	-30285	-191469	-457.65	799495.9	7552.6	52139.517	809.7658	851635
0.758621	0.815686	0.770062	6.307831	0.279467	275.7976	-86652	-1516.2	12486.6	432781	275.798	-120735	610094	850.282	1728410	24927	-38309.737	-160.505	1690100
-0.24138	-0.69101	-0.63084	-4.59467	-0.97973	-1330.248	9386.1	61.0353	-8762.81	-295393	-1330.2	17000	-374049	-843.1	538472.1	3677.4	99424.376	1416.725	635897
-0.24138	-1.41931	-1.46494	-8.06877	-1.90383	-1227.607	7732.4	418.958	-10112.5	-812237	-1227.6	15951	-500849	-1582.7	281489.3	2327.8	98375.666	1774.648	379865
-0.24138	-1.41931	-1.46494	-8.06877	-1.90383	1487.654	-24658	-568.39	-8219.76	-6797.77	1487.65	-16301	-293698	-290.22	674239.5	4220.5	66123.652	787.2994	740363
-0.24138	0.183986	0.415062	-3.40627	1.116167	-1384.5	82829	1208.28	-5185.07	-331267	-1384.5	83706	-306177	-502.5	618703.6	7255.2	166130.44	2563.97	784834
-0.24138	0.367286	0.225062	-3.98047	-0.99723	-1592.27	-53965	-856.865	-6662.84	-353963	-1592.3	-56760	-267321	-895.51	757201.5	5777.4	25664.542	498.825	782866
-0.24138	2.382286	-0.54834	1.195331	0.144467	892.5516	251061	3443.4	902.296	-86896.8	892.552	231030	6177.4	-755.06	1008393	13343	313454.92	4799.092	1321848
0.758621	2.466486	2.726662	0.408731	-1.89973	457.3127	221879	4024.61	9577.39	476650	457.313	277600	197505	1930.22	1358944	22018	360024.57	5380.295	1718969
-0.24138	3.081486	1.316662	4.671231	-1.90383	-908.2035	785885	10880.3	10952	280940	-908.2	742582	319489	-881.43	1303638	23392	825006.86	12236.01	2128645
0.758621	-1.41931	-1.46494	-0.98217	-1.90383	284.6942	-94633	-1322.46	-3755.39	-308712	284.694	-98734	-139045	-584.22	673080.8	8684.9	-16308.938	33.22687	656772
0.758621	-1.41931	-1.46494	-5.71627	-1.90383	-3122.314	-116061	-1630.06	-7649.17	-383202	-3122.3	-120842	-289236	-966.95	526732	4791.1	-38416.922	-474.395	488315
0.758621	-1.41931	-0.50494	-2.95547	-1.90383	6120.69	-53752	-946.445	-8642	-361750	6120.69	-69426	-275144	-1040.7	998054.1	3798.2	12998.415	409.2442	1011053
-0.24138	-0.43601	0.726662	26.61783	-1.90383	6806.28	104763	3101.47	39612.1	1259922	6806.28	153273	1E+06	5040.04	2272298	52052	235698.21	4457.155	2507996
-0.24138	-1.41931	-1.46494	-7.23377	-1.90383	-793.4443	-71313	-1122.55	-12080.2	-530398	-793.44	-89646	-484984	-1333.1	281408.6	360.08	12777.12	233.1349	294186
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1017847	12440	82425	1356	1100272
-779.761	580.1134	-2.34588	5.343314	-452.866														
898.3693	-105.584	1075.935	1255.651	-394.115														
-52050.2	53239.97	-18591	1770.671	-28634.6			69.8114	-3.17998	0.05836	-1.5884								
-45360.5	-58022.5	108362.4	52664.12	-26230.7	7.753426	2.3708	-184.278	42.7648										
-1667.22	101.9596	99.63593	-21.9256	-85.7671		-0.0197	1.27456	0.00427	0.00237									

SQ:	OFTE	CFTE	CONTR	A1:	OFTE	CFTE	CONTR	A2:	OFTE	CFTE	CONTR	A3:	OFTE	CFTE	CONTR
	-1.46494	-5.37377	-1.90383		-1.46494	-5.37377	-1.90383		-1.46494	-5.37377	-1.90383		-1.46494	-5.37377	-1.90383
	-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383
	1.194162	-2.13217	2.123667		-1.46494	0.526931	2.123667		-1.46494	-2.13217	4.782767		-1.46494	-2.13217	2.123667
	-0.77334	-3.80877	2.398667		-1.46494	-3.11717	2.398667		-1.46494	-3.80877	3.090267		-1.46494	-3.80877	2.398667
	-0.32334	1.361231	3.401167		-1.46494	2.502631	3.401167		-1.46494	1.361231	4.542767		-1.46494	1.361231	3.401167
	3.804162	17.21123	1.111167		-1.46494	22.48033	1.111167		-1.46494	17.21123	6.380267		-1.46494	17.21123	1.111167
	1.762562	-1.96127	3.890334		-1.46494	1.266231	3.890334		-1.46494	-1.96127	7.117634		-1.46494	-1.96127	3.890334
	-1.41834	3.539531	2.149467		-1.46494	3.588131	2.149467		-1.46494	3.539531	2.196067		-1.46494	3.539531	2.149467
	0.476662	2.015331	2.817767		-1.46494	3.956931	2.817767		-1.46494	2.015331	4.759367		-1.46494	2.015331	2.817767
	0.613362	8.461231	0.040267		-1.46494	10.53953	0.040267		-1.46494	8.461231	2.118567		-1.46494	8.461231	0.040267
	0.159162	0.927031	0.946167		-1.46494	2.551131	0.946167		-1.46494	0.927031	2.570267		-1.46494	0.927031	0.946167
	-0.66414	-4.65797	-1.90383		-1.46494	-4.05717	-1.90383		-1.46494	-4.65797	-1.30303		-1.46494	-4.65797	-1.90383
	0.662562	1.355331	3.488667		-1.46494	3.482831	3.488667		-1.46494	1.355331	5.616167		-1.46494	1.355331	3.488667
	-0.60834	-0.87127	0.276967		-1.46494	-0.01467	0.276967		-1.46494	-0.87127	1.133567		-1.46494	-0.87127	0.276967
	1.073362	-2.19127	0.634467		-1.46494	0.347031	0.634467		-1.46494	-2.19127	3.172767		-1.46494	-2.19127	0.634467
	0.770062	6.307831	0.279467		-1.46494	8.542831	0.279467		-1.46494	6.307831	2.514467		-1.46494	6.307831	0.279467
	-0.63084	-4.59467	-0.97973		-1.46494	-3.76057	-0.97973		-1.46494	-4.59467	-0.14563		-1.46494	-4.59467	-0.97973
	-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383
	-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383		-1.46494	-8.06877	-1.90383
	0.415062	-3.40627	1.116167		-1.46494	-1.52827	1.116167		-1.46494	-3.40627	2.996167		-1.46494	-3.40627	1.116167
	0.225062	-3.98047	-0.99723		-1.46494	-2.29047	-0.99723		-1.46494	-3.98047	0.692767		-1.46494	-3.98047	-0.99723
	-0.54834	1.195331	0.144467		-1.46494	2.111931	0.144467		-1.46494	1.195331	1.061067		-1.46494	1.195331	0.144467
	2.726662	0.408731	-1.89973		-1.46494	4.600331	-1.89973		-1.46494	0.408731	2.291867		-1.46494	0.408731	-1.89973
	1.316662	4.671231	-1.90383		-1.46494	7.452831	-1.90383		-1.46494	4.671231	0.877767		-1.46494	4.671231	-1.90383
	-1.46494	-0.98217	-1.90383		-1.46494	-0.98217	-1.90383		-1.46494	-0.98217	-1.90383		-1.46494	-0.98217	-1.90383
	-1.46494	-5.71627	-1.90383		-1.46494	-5.71627	-1.90383		-1.46494	-5.71627	-1.90383		-1.46494	-5.71627	-1.90383
	-0.50494	-2.95547	-1.90383		-1.46494	-1.99547	-1.90383		-1.46494	-2.95547	-0.94383		-1.46494	-2.95547	-1.90383
	0.726662	26.61783	-1.90383		-1.46494	28.60943	-1.90383		-1.46494	26.61783	0.287767		-1.46494	26.61783	-1.90383
	-1.46494	-7.23377	-1.90383		-1.46494	-7.23377	-1.90383		-1.46494	-7.23377	-1.90383		-1.46494	-7.23377	-1.90383

CHAMPUS COST MATRIX

188.2182	-823.363	3.436565	-28.7137	862.1813	123419.2	-73237	-1418255	1953515	-1130830	-181769	-71010	-14693	-4911.1	-53066	768103	12563.853	-75564.2	27234.71	-9515.16	54515.49
188.2182	-823.363	3.436565	-43.114	862.1813	113334.6	-42564	-993487	1495118	-941092	-159559	-48969	-12955	-5367.5	-57705.7	618902	12563.853	-75564.2	27234.71	-14287.1	54515.49
188.2182	-294.532	-2.80136	-11.3928	-961.736	149935.1	-145548	-901780	1789732	-1435061	-134987	-38207	-14569	-13929	-109497	864839	12563.853	-27030.7	-22200.7	-3775.37	-60810.3
188.2182	-231.647	1.814156	-20.3514	-1086.27	136600.1	-115926	-1104090	1762820	-1236494	-148531	-49113	-12834	-9112.2	-72414.9	741117	12563.853	-21259.5	14377.15	-6744.08	-68884.8
-591.543	107.1969	0.758511	7.273485	-1540.27	-48243.99	-18523	737977	-964972	627129	33454.3	32529	8752.7	5014.66	28156.61	-4E+05	-39486.396	9836.013	6011.187	2410.292	-97391
-591.543	2090.256	-8.9241	91.96501	-503.21	59809.61	97346	-1233255	1615582	-1124696	-142991	-30216	3183.4	94.8864	117411.4	316739	-39486.396	191833.5	-70723.3	30475.43	-31817.8
188.2182	323.8113	-4.13476	-10.4797	-1761.8	42915.57	-73306	-630487	568733	80595.9	-101146	-36045	-2766.4	3229.94	46384.96	108212	12563.853	29717.82	-32767.9	-3472.76	-111396
188.2182	156.5066	3.327248	18.91283	-973.42	-30028.16	-48423	127600	-480291	403656	79535.4	5447	-277.29	2623.83	80443.31	-2E+05	12563.853	14363.41	26368.37	6267.345	-61549.1
188.2182	-362.173	-1.11819	10.76855	-1276.07	3657.139	-71905	405597	-356623	35055.4	70675.6	27211	929	-4704.2	-69488.2	29566	12563.853	-33238.4	-8861.64	3568.488	-80685.6
188.2182	1347.711	-1.43887	45.21101	-18.2354	-273768.9	155477	3617126	-4462495	1681151	331608	179092	34393	5255.93	75156.26	-2E+06	12563.853	123686.4	-11403	14982.06	-1153.02
188.2182	129.9374	-0.37337	4.953418	-428.467	104066.2	-129735	-334467	890214	-947263	-82129	-25054	-10584	-10456	-79388.7	572203	12563.853	11925.02	-2956.99	1641.487	-27093.1
188.2182	-757.172	2.027162	-24.889	862.1813	83869.58	7750.9	-1021354	1257449	-853146	-98379	-51468	-7094.1	-4821.1	-60708.6	623331	12563.853	-69489.5	16065.22	-8247.73	54515.49
188.2182	-822.435	-1.55429	7.241959	-1579.9	-46538.58	-38784	1355857	-1236075	273524	94926.9	61420	4298.3	-1904	-67226.5	-3E+05	12563.853	-75479	-12317.7	2399.845	-99896.5
188.2182	-457.427	1.427086	-4.65546	-125.429	26823.07	-82435	-587168	490069	-35377.3	-20695	-23185	-3250.7	-1522.1	-56647.4	324493	12563.853	-41960.5	11309.63	-1542.73	-7930.83
188.2182	617.2326	-2.51798	-11.7086	-287.328	124553	-134114	-629019	1285639	-1121111	-105961	-35204	-12861	-9957.8	-81370.6	659960	12563.853	58648.6	-19054.9	-3880.02	-16167.7
-591.543	473.1905	-1.60647	33.70472	-126.561	-53358.53	158976	-302269	130906	-96463.6	18778.1	12007	1603.5	-1124.8	21603.51	29699	-39486.396	43427.11	-14316.3	11169.09	-6002.41
188.2182	-400.666	1.479669	-24.5508	443.6879	102907.9	-140914	-1077392	1535058	-876183	-5668.1	-45147	-12162	-8650.5	-54419.1	584536	12563.853	-38769.6	11727.93	-8135.65	28054.27
188.2182	-823.363	3.436565	-43.114	862.1813	116959.3	-9058.3	-1336744	2041173	-1459218	-75405	-63250	-16190	-10238	-43310	856551	12563.853	-75564.2	27234.71	-14287.1	54515.49
188.2182	-823.363	3.436565	-43.114	862.1813	-328551.2	122311	3703817	-4955306	2646682	396137	191639	37029	16500.8	35425.44	-2E+06	12563.853	-75564.2	27234.71	-14287.1	54515.49
188.2182	106.7329	-0.97368	-18.2008	-505.474	30686.92	-90533	-120075	384569	-383803	53762.1	-7488.6	-5074.5	-4879.8	-39536.5	268551	12563.853	9795.421	-7716.43	-6031.38	-31961
188.2182	213.0676	-0.52797	-21.2689	451.613	25603.63	-76492	-964352	1157811	-370420	95511.6	-37299	-7766.1	-532.43	-9892	84421	12563.853	19554.31	-4184.14	-7046.1	28555.37
188.2182	1381.996	1.286334	6.387029	-65.424	22274.15	-30409	-471769	547175	62237.6	-69438	-30219	-3470.7	4143.62	93760.74	-20797	12563.853	126832.9	10194.17	2116.536	-4136.74
-591.543	1430.842	-6.39642	2.183976	860.3245	-111055.9	187242	93561.5	-834471	1495483	-37310	-476.65	13443	22506.7	250076.4	-1E+06	-39486.396	131315.7	-50691.5	723.7261	54396.09
188.2182	1787.611	-3.08873	24.95985	862.1813	-236898	43640	2880299	-3478716	2220525	394263	148698	26134	8696.13	-24757.1	-1E+06	12563.853	164058.2	-24478.1	8271.213	54515.49
-591.543	-823.363	3.436565	-5.24804	862.1813	61823.74	-48376	-328239	569517	-427469	-105697	-31908	-6581.6	-4029.3	-43565.9	305132	-39486.396	-75564.2	27234.71	-1739.1	54515.49
-591.543	-823.363	3.436565	-30.5438	862.1813	97211.48	-66854	-1263391	1832904	-1059182	-155934	-52252	-11536	-5761.8	-44817.3	657073	-39486.396	-75564.2	27234.71	-10121.6	54515.49
-591.543	-823.363	1.184523	-15.792	862.1813	-208076.7	833179	742155	-3613728	3865574	57775.2	1698.8	23160	30226.6	152552	-1E+06	-39486.396	-75564.2	9387.319	-5233.16	54515.49
188.2182	-252.937	-1.70486	142.2274	862.1813	-285181.4	180442	2113548	-2977891	1831659	140865	71047	19426	18598	197256.9	-1E+06	12563.853	-23213.4	-13508.4	47131.42	54515.49
188.2182	-823.363	3.436565	-38.6523	862.1813	171230.8	-149206	-1079947	2042381	-1707344	-181493	-54275	-17347	-14991	-110556	1E+06	12563.853	-75564.2	27234.71	-12808.6	54515.49

MEPRS COST MATRIX

-216.848	149.8565	-1576.18	-6747.58	750.3289	370897.8	102138	1474486	-964989	206330	250806	-1E+06	-297609	46708.8	-92015.7	-2E+05	10949.088	79513.47	-158744	-283005	49938.94	-4950.93
-216.848	149.8565	-1576.18	-10131.6	750.3289	340692.2	58389	1032878	-738552	171695	220181	-710614	-258675	51049.5	-100061	-2E+05	10949.088	79513.47	-158744	-424935	49938.94	-4546.4
-216.848	53.60635	1284.841	-2677.26	-836.968	450583	202985	937534	-889023	261616	186256	-554446	-291518	132480	-189867	-3E+05	10949.088	28443.38	129402.3	-112269	-55705.3	-6014.62
-216.848	42.16107	-832.062	-4782.49	-945.35	410508.7	161674	1147865	-880669	225589	204944	-712705	-258462	88666	-125566	-2E+05	10949.088	22370.55	-83800.6	-200585	-82918.8	-5479.68
681.5215	-19.5104	-347.891	1709.232	-1340.45	-138971.8	25833	-767237	476673	-114415	-46160	472044	174903	-47696	48823.13	115065	-34411.419	-10352.2	-35037.7	71688.03	-89215.1	1855.068