

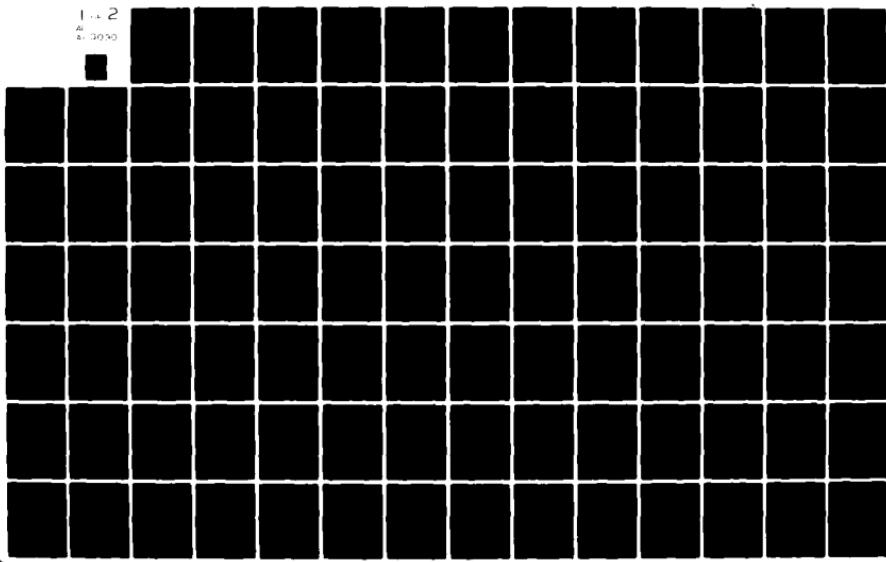
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EVALUATION OF CURRENTLY USED DENTAL MANAGEMENT INDICATORS AND D--ETC(U)
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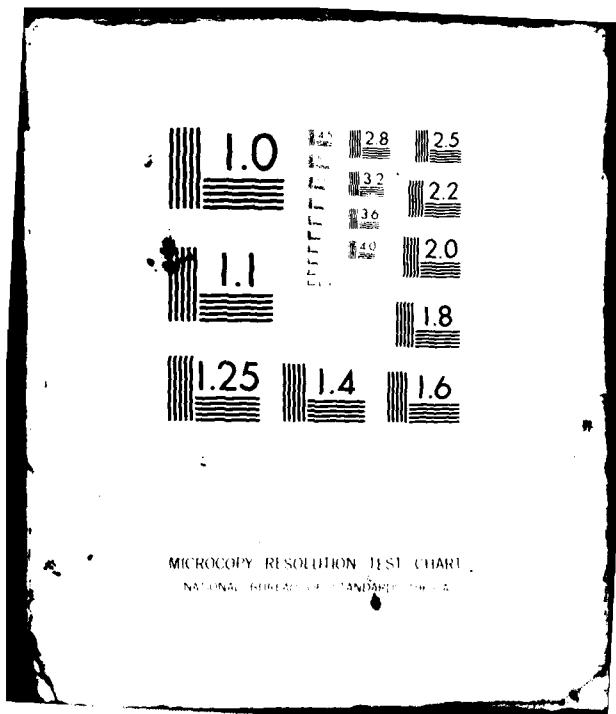
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REPORT #81-006

Evaluation of Currently Used Dental Management Indicators and
Development of New Management and Performance Indicators

by

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Dental Studies Office
Academy of Health Sciences, US Army
Fort Sam Houston, TX 78234

July 1981

Final Report

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Prepared for:

Assistant Surgeon General for Dental Services, Department of the Army

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A review of dental management indicators employed by the Directorate of Dental Services, US Army Health Services Command prior to 1 Oct 79 indicated that they were inappropriate for use with the Uniform Chart of Accounts Dental Workload Reporting System which became effective 1 October 1979. Using the workload and supplemental reports routinely submitted by Dental Activities, a series of management indicators have been explored and developed for use at various level of management in the Army Dental Care System. The results of eighteen months of workload analyses prepared from manually and automated means have been			

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completed. It was concluded that: 1) there are a variety of management indicators that can be generated from the current workload reporting system to assist in determining the efficiency and effectiveness of the Army Dental Care Delivery System; 2) indicators can and should be developed by level of operation from the clinic level to the OTSG level; 3) the magnitude and complexity of the data necessitates that the generation of management indicators be automated prior to interpretation by Commanders and/or staff officers; and 4) requirements for indicators at all levels need to be better defined before selection of an operating set of management indicators is established. It is recommended that: 1) an ad hoc committee be appointed by the Assistant Surgeon General for Dental Services and a meeting be convened to review the variety of indicators tested in this study and those in use by HSC, 7th MEDCOM and OTSG and identify a standardized package of indicators by level of command; and 2) that a Systems Change Request be prepared by OTSG based on the recommendations of the above committee for the preparation of a standardized management indicators package by Health Care Systems Support Agency, HSC for routine and special use for all levels of dental systems management.

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Summary

A review of dental management indicators employed by the Directorate of Dental Services, US Army Health Services Command prior to 1 October 1979 indicated that they were inappropriate for use with the Uniform Chart of Accounts Dental Workload Reporting System which became effective 1 October 1979. Using the workload and supplemental reports routinely submitted by Dental Activities, a series of management indicators have been explored and developed for use at various levels of management in the Army Dental Care System. The results of eighteen months of workload analyses prepared from manually and automated means have been completed. It was concluded that: 1) there are a variety of management indicators that can be generated from the current workload reporting system to assist in determining the efficiency and effectiveness of the Army Dental Care Delivery System; 2) indicators can and should be developed by level of operation from the clinic level to the OTSG level; 3) the magnitude and complexity of the data necessitates that the generation of management indicators be automated prior to interpretation by commanders and/or staff officers; and 4) requirements for indicators at all levels need to be better defined before selection of an operating set of management indicators is established.

It is recommended that: 1) an ad hoc committee be appointed by the Assistant Surgeon General for Dental Services and a meeting be convened to review the variety of indicators tested in this study and those in use by HSC, 7th MEDCOM and OTSG and identify a standardized package of indicators by level of command; and 2) that a Systems Change Request be prepared by OTSG based on the recommendations of the above committee for the preparation of a standardized management indicators package by Health Care Systems Support Agency, HSC for routine and special use for all levels of dental systems management.

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Evaluation of Currently Used Dental Management Indicators and Development of New Management and Performance Indicators

1. INTRODUCTION.

a. Problem. Since the formation of the Directorate for Dental Services, US Army Health Services Command (HSDS, HSC) in 1973, a variety of management indicators have been developed to evaluate performance and to distribute resources to Dental Activities (DENTAC). Early efforts produced crude indicators of performance, at best, because of the lack of discrete item-specific workload reported. Attempts to measure cost effectiveness resulted in cost indicators which could easily be distorted by the inaccuracy of workload reporting systems. This has severely limited the ability of the staff elements, Headquarters, Health Services Command (HSC) to develop meaningful policy and guidance on resource management and has provided little incentive for local Directors' of Dental Services (DDS) to become more objective in the management decisions. On 1 October 1979 a new dental workload reporting system was implemented Army-wide. The dental portion of the Department of Defense (DOD) directed system, Uniform Chart of Accounts (UCA), included a detailed list of more than 300 items and was designed to provide a much more specific cost breakdown by DENTAC. This increased detail for workload reporting and cost accounting necessitated an evaluation of existing indicators.

b. Purpose. The overall purpose of this study was to evaluate the appropriateness and usefulness of management indicators in use prior to 1 October 1979 and, if indicated, to develop new and/or additional indicators specifically related to the UCA system.

c. Background. HSC receives from each DENTAC on a monthly basis a clinic level workload report, a laboratory workload report, and a supplemental (personnel-type) report. The Health Care Statistical Support Activity (HCSSA) processes this information and prepares feedback reports of each DENTAC and a consolidated HSC Summary Report. The workload reports are provided in weighted work units and by raw frequencies. The Deputy Chief of Staff, Comptroller (DCS COMPT) provides HSDS with information about the cost of operating each DENTAC on a quarterly basis. These factors constitute the baseline from which management indicators will be considered.

Prior to 1 October 1979 HSC received quarterly reports from each DENTAC under HSC. The workload as reported on DD Form 477 consisted of 46 procedures. The summation, manipulation, and/or costing of these procedures produced nebulous information that was often subjective in nature and easily misinterpreted. The US Air Force produced a weighting system for the 46 procedures listed on DD Form 477. Although both the Army and the Air Force reported the same 46 procedures, they could not be compared because of different policies and interpretations as to where certain unlisted treatment procedures should be incorporated. Regardless of the many attempts to standardize reporting procedures within HSC, the fact remained that too many procedures could not be accounted for accurately. When reported under a pseudonym or a somewhat related item, weights assigned were not valid because they were developed for the actual procedures on the line item. Since a valid

set of weights did not exist, the management indicators developed from this system were dental procedures per dentist, dental procedures per care provider, and cost per dental procedure.

Since 1 October 1979, a revised dental reporting system has been implemented Army-wide as directed by DOD. The reporting system includes 319 clinical procedures and 75 dental laboratory procedures. Each procedure had a definition and a weighting factor. The use of the system is described in the Standard Operating Procedure For Accounting For Dental Service Report System (Modified) Utilizing the DOD-Approved Defense Code on Dental Procedures and Nomenclature dated 1 October 1979 and published by Headquarters, US Army Health Services Command, Directorate of Dental Services (HSDS). As a result of the tremendous increase in volume and specificity of information available from this new reporting system, the Director of Dental Services, HSC, proposed to the Study Advisory Committee, HSC, that this study be conducted. The proposal was approved and the study included in the 1980-81 Army Study Program. The study was directed at clinical procedure indicators only since DENTAC laboratory procedure indicators were based on the analysis package already developed for the Central Dental Laboratory System.

In addition to review of dental and medical literature, the following documents/sources also were utilized: 1) Defense Documentation Center for Scientific and Technical Information (DDC), 2) Defense Logistics Studies Information Exchange (DLSIE), and 3) The Army Study Program (TASP). The literature search did not provide information that was deemed helpful for the conduct of this study.

2. OBJECTIVES.

The objectives of the study were:

- a. Analyze and evaluate the Dental Reporting System-Modified (DRS-M) and determine when initial stabilization has occurred.
- b. Evaluate the appropriateness of applying management indicators in use prior to implementation of DRS-M to the new system.
- c. If indicated in the above paragraph develop a series of new and/or additional management indicators that are specifically related to the UCA system.

3. METHODOLOGY.

a. Data Collection.

(1) This study utilized data collected from DENTACs on a monthly basis by HSDS HSC. The basic documents for this study were the Dental Procedures and Services Report which consists of three parts: the Monthly (Quarterly) Dental Procedure Report, Laboratory Workload Report, and Monthly Supplemental Report. Samples of the reports are shown at Appendix A. The clinical and laboratory workload reports are procedure specific by category

of patient treated. Summaries are presented in unweighted frequencies of occurrence and by weighted units called Composite Time Values (CTV) for the clinical procedures, and Weighted Work Units (WWU) for laboratory services. The weighting system for clinical and laboratory procedures do not have the same basis for development and cannot be interchanged, summated, or compared. The clinical set of values is time-based while the laboratory procedures are fee-related. The supplemental report provides current personnel data which was used for evaluation of one form of performance indicator. This report also indicates troop strength supported. The HSC DCSCOMPT was the source of cost estimates provided on a quarterly basis to HSDS. Any additional data elements used were in the form of constants applied to either the raw or weighted procedures and did not require any additional data collection by care providers or administrative personnel.

b. Analysis of Data.

The initial months of data were analyzed by HCSD project officers to determine how the implementation was progressing, and to correct errors that surfaced concerning misinterpretation of procedure definitions or recording instructions. The analysis was performed at the dental and consolidated HSC report level. In addition to the standard workload feedback report, HCSSA provided HCSD with ranking of procedures by frequency of use for each DENTAC and for HSC. This process required six months of observation and analysis to insure stability in the system. When HCSD, HSDS, and OTSG agreed, the newly imposed system was stabilized, the actual tracking process using various management indicators began. All dental treatment facilities controlled by and reporting to HSC participated in this study.

c. Manually Prepared Indicators. Routine feedback reports (RFR) and frequency of use reports (FUR) were used to prepare several types of indicators. Calculators assisted in developing ratios and percentages before the computer assisted programs came on line. Some of these manually-developed indicators remained in use even after the computer-assisted indicators were developed because the format of the original computer input does not permit all proposed indicators to be prepared.

d. Computer Assisted Indicators. An extract tape prepared by HCSSA consisted of a listing by DENTAC of the total number of procedures reported for both monthly and quarterly workload. Supplemental data such as CTV values, cost values, fee values, and resources information was input by punched cards at the Operations Analysis Office, CDHCS, remote terminal of the TRADOC computer located at Fort Leavenworth, Kansas.

4. RESULTS AND DISCUSSION.

a. An evaluation of the management indicators used prior to 1 October 1979 revealed their complete inadequacy when applied to the information collected from the Uniform Chart of Accounts (UCA) system. This UCA data is available in the format shown in Appendix A. Basically, these indicators focused around unweighted dental procedures per care provider and cost per unweighted dental procedure. The UCA report, although complete, is presented

in a format that is difficult to tabulate and does not provide summary statistics that allow managers to easily and readily evaluate performance. It was obvious that the standardized weighting system in the UCA system would provide better information about workload productivity. In addition the Army Assistant Surgeon General for Dental Services (OTSG) wanted to establish indicators that were based upon projected revenue that would have been produced if fees were charged for the services rendered. Therefore, development of a dual system of indicators (time and fee based) was begun.

b. Appendix B contains a suggested list of proposed indicators submitted to the Directorate of Dental Services (DDS), US Army Health Services Command (HSC). This appendix also includes a list of "hard procedures selected by the project officers." The procedures were felt to contain the items which reflected common end-product services and would provide a capsulated summary of actual performance. Report formats are also included. Based upon the response from HSC and OTSG, a packet was developed for the first month of workload data received (October 1979) and is shown at Appendix C. The reports were modified as the needs and desires of the users were determined. Appendix D shows how the report has been modified eight months later (May 1980). The modified report contains a series of ratios which compares for each DENTAC the proportion of personnel resources available to the proportion of weighted work units produced. This overview of relative productivity has been used by HSC extensively in evaluating performance and preparing for DENTAC staff assistance visits. The material contained in Appendices C and D were manually prepared from the frequency of use listing prepared specifically for this study. This process could easily be automated by HCSSA if the information is felt to be of continuing benefit.

c. It was envisioned that as data continued to flow into the system monthly comparisons could be made to track progress. In the automated system the level of these comparisons could be at the clinic as well as DENTAC. They were also used to determine the stability of the workload reporting system. The system was shown to be stable according to the analyses performed to date (October 1979 - March 1981). Appendix E contains the October 1980 summary to allow comparisons with previous months' summaries.

d. At the request of OTSG a fee scale was developed based upon mean fees published by the American Dental Association (ADA) and updated by the Consumer Price Index for dental fees. The fees for procedures which were not published by the ADA were established from specialists' fee scales obtained by the project officers. Quarterly reports were prepared using these fee schedules and may be seen at Appendix F for Fiscal Year 1980.

e. The creation of a computer extract data tape by HCSSA allowed for a much more sophisticated analysis to be performed. The tape contains the total procedure values by procedure by DENTAC and is sent to Fort Leavenworth for use in the TRADOC computer which can be accessed by the remote terminal at Fort Sam Houston. Appendix G contains a series of tables and graphs generated at the request of OTSG in April 1981. These indicators primarily center around the dollar value produced/cost of operation.

f. A dental management system was created using a discriminant analysis technique. Discriminant analysis uses regression and comparative techniques to maximize the differences among groups on a variety of variables. In the dental management system, four groups of DENTACs were defined as a function of workload accomplished in weighted work units, number of dentists, patient load, and assigned Army strength supported (see Table 1). The timeframe looked at was October 1979 through March 1981. Discriminant functions were developed to separate the DENTACs based on the distribution of the DENTACs in the population of DENTACs. The probability of assigning a DENTAC into each of the four categories was employed in calculating the discriminant functions. The percent of the DENTACs correctly classified into the proper categories was 93.39%. The discriminant functions developed were very good in predicting the correct groupings for each DENTAC. The ranges for each variable for each of the four DENTAC categories are included in Table 2. This analysis has demonstrated that DENTACs consistently performing outside their group can be identified to permit staffers to further investigate the reason for the deviate performance.

5. REVENUES GENERATED.

Using the raw total number of procedures listed on the extract tape prepared by HCSSA for each DENTAC each month, a measure of the potential revenue that would be generated was calculated. Using the fee schedule provided (see Appendix H) for each procedure, the potential revenue for each DENTAC was computed by multiplying the raw total number of procedures times the fee for the procedure. A monthly total was determined for each DENTAC. Comparisons were made between quarters for CONUS ($F = 0.42$, $df = 5/660$, ns). The revenues were stable across the quarters (see Table 3). There were cyclical trends evident when analyses were performed across the months. In addition revenue to cost analyses were performed to identify the break-even points by DENTAC. The resulting proportions allow staffers to readily use this indicator to determine the degree to which DENTACs were producing revenue in relation to the cost of operation.

6. CONCLUSIONS.

a. There are a variety of management indicators that can be generated from the current workload reporting system to assist in determining the efficiency and effectiveness of the Army Dental Care Delivery System.

b. Indicators can and should be developed by level of operation from the clinic level to the OTSG level.

c. The magnitude and complexity of the data necessitates that the generation of management indicators be automated prior to interpretation by Commanders and/or staff officers.

d. Requirements for indicators at all levels need to be better defined before selection of an operating set of management indicators is established.

7. RECOMMENDATIONS.

a. Recommend that an ad hoc committee be appointed by the Assistant Surgeon General for Dental Services and a meeting be convened to review the variety of indicators tested in this study and those in use by HSC, 7th MEDCOM and OTSG and identify a standardized package of indicators by level of command.

b. Recommend that a Systems Change Request be prepared by OTSG based on the recommendations of the above committee for the preparation of a standardized management indicators package by Health Care System Support Agency, HSC for routine and special use for all levels of dental systems management.

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Table 1
DENTACs in each Category

Group 1	Group 3
3 Benning	1 Alaska
4 Bliss	2 Belvoir
5 Bragg	7 Canal Zone
6 Campbell	9 Devins
13 Gordon	11 Eustis
14 Hood	12 Fitzsimons
17 Knox	15 Huachuca
21 Lewis	18 Leavenworth
25 Ord	19 Lee
33 Sill	22 McClellan
	27 Presidio of San Francisco
Group 2	30 Rucker
8 Carson	31 Sam Houston
10 Dix	37 West Point
16 Jackson	
20 Leonard Wood	
23 Meade	Group 4
26 Polk	24 Monmouth
29 Riley	28 Redstone
34 Stewart	32 Sheridan
35 Hawaii	39 Irwin
36 Walter Reed	

Table 2
Workload Generated in Weighted Work Units
for each DENTAC Category

Group 1

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	9733.3	2766.8	9326.4 to 10140.3
Prevention	6135.6	1589.4	5901.8 to 6369.4
Restoration	10319.0	2658.4	9927.9 to 10710.0
Endodontics	1565.8	437.9	1501.4 to 1630.3
Periodontics	6032.3	1832.5	5762.8 to 6301.8
Removable Prosth	1379.4	515.6	1303.5 to 1455.2
Fixed Prosth	2350.3	1102.8	2188.1 to 2512.5
Surgery	2718.5	748.0	2608.5 to 2828.5
Ortho	527.7	423.2	465.5 to 590.0
Adjunct	17162.5	4500.1	16500 to 17824.4
Total Weighted Work Units	57924.9	14145.5	55844.3 to 60005.4
Assigned Dentists	53.8	15.8	
Assigned Total Personnel	191.7		
Assigned Army Strength	26103.0		
Total Patients	11205.2		

Group 2

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	6783.2	1941.5	6497.6 to 7068.7
Prevention	5126.0	1971.3	4836.0 to 5415.9
Restoration	6531.3	1742.4	6325.0 to 6337.6
Endodontics	924.6	311.2	878.8 to 970.4
Periodontics	3759.3	1752.7	3501.5 to 4017.1
Removable Prosth	934.5	1756.2	676.2 to 1192.8
Fixed Prosth	1693.4	726.2	1586.5 to 1800.2
Surgery	1292.6	512.6	1217.2 to 1368.0
Ortho	200.3	257.4	162.4 to 238.1
Adjunct	10438.7	2464.3	10076.2 to 10801.2
Total WWU	37734.2	8418.4	36496.0 to 38972.4
Assigned Dentists	32.4		
Assigned Total	125.6		
Assigned Army	15952.3		
Total Patients	7494.6		

Table 2 (Continued)

Group 3

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	2996.9	1229.6	6497.6 to 7068.7
Prevention	2661.7	964.8	2542.0 to 2781.4
Restoration	3341.9	1566.0	3147.6 to 3536.2
Endodontics	144.5	169.1	423.5 to 465.5
Periodontics	2252.9	1227.3	2100.6 to 2405.3
Removable Prostn	161.8	231.4	436.0 to 493.5
Fixed Prostn	276.0	373.0	829.7 to 922.3
Surgery	796.1	574.2	724.8 to 867.3
Ortho	136.0	205.0	110.6 to 161.5
Adjunct	5687.4	2108.4	5425.9 to 5949.0
Total WWU	19658.7	6842.3	18809.8 to 20507.6
Assigned Dentists	19.0		
Assigned Total	71.1		
Assigned Army	6890.1		
Total Patients	3986.2		

Group 4

Variable	Mean	Standard Deviation	95% Confidence Interval for Mean
Diagnosis	1603.0	703.8	1410.9 to 1795.1
Prevention	1179.5	586.0	1019.5 to 1339.5
Restoration	1381.1	724.2	1183.4 to 1578.8
Endodontics	200.0	95.4	174.0 to 226.1
Periodontics	1439.8	759.3	1232.5 to 1647.0
Removable Prosth	282.5	167.3	236.8 to 328.2
Fixed Prosth	685.2	272.3	610.7 to 759.7
Surgery	389.6	495.4	254.4 to 524.8
Ortho	3.9	8.5	1.5 to 6.2
Adjunct	2652.4	1164.8	2334.4 to 2970.4
Total WWU	9817.4	3797.2	8781.0 to 10853.9
Assigned Dentists	7.9		
Assigned Total	30.0		
Assigned Army	2661.0		
Total Patients	1727.4		

Table 3

Revenues Generated Over 6 Quarters
October 1979 through March 1981

Quarter		Dollars
1	80-1	28785961.
2	80-2	30234675.
3	80-3	31286810.
4	80-4	29328458.
5	81-1	28409318.
6	81-2	29943981.

APPENDIX A
Feedback Report

PREPARED 05/29/80
MSC CONSOLIDATED SUMMARY

DET 511 PROCECUTORS AND SERV'TS REPORT
MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 80
US ARMY HEALTH SERVICES COMMAND FORT SAN HOUSTON, TEXAS

RCS MED-376
PEN R5A44
PAGE

C O M M A N D S U M M A R Y

	ARMY	NAVY / MARINE	AIR FORCE	TOTAL MILITARY	DEPENDENT	ALL OTHER	ALL WEIGHTED	ALL TOTAL	CTV	ECP
					DEPEN-	WEIGHTED	DEPEN-	WEIGHTED		
					ENTS	ENTS	ENTS	ENTS		
61331 GROUP ORAL HEALTH CONSTITUING	40	16	1616	2747.4	1065	2023.5	324	615.6	2035	5306.5
61335 APPLICATION OF PIT AND FISSURE SEALANTS	0	0	0	0.0	214	128.4	0	0.0	214	128.4
6136C REFLUX AND TISSUE INDICES	15998	78	115	16101	6476.4	7482	2992.8	1887	754.8	25560
										10224.0
6111 RESTORATIVE (02000-02099)										4
6214C AMALGAM - ONE SURFACE	24574	70	215	24699.0	12560	12666.0	1755	17550	39115	39114.0
6215C AMALGAM - TWO SURFAC	16241	91	164	16496	31342.4	7990	15181.0	1693	3216.7	2617.9
6216C AMALGAM - THREE SURFACES	7159	35	7203	16044.6	2492	2582.7	1079	2373.8	10864	23900.8
6216L AMALGAM - FOUR OR MORE SURFACES	3266	30	3324	6642.4	1110	2906.8	686	1703.6	5128	13332.8
6221C SILICATE CEMENT	21	0	0	21	25.2	6	1.2	5	0.0	32
6233C ESDU, SIMPLE	1450	30	65	7545	9054.0	3055	3666.0	1074	1280.8	11674
6233E RESIN, COMPLEX	4226	13	46	4305	8179.5	1750	3325.0	749	1423.1	6806
6234C ACID ETCH	6706	35	68	6899	1377.8	3164	632.0	1023	204.6	11076
6234I GLAZING, COMPOSITE	2672	33	51	3756	791.2	1761	352.2	507	117.4	6304
62342 SEALANT, OPERATIVE	2332	27	70	2429	1457.4	717	430.2	401	240.6	47
										2128.2
										0.6
										19

PREPARED 05/29/00
M&G CONSOLIDATED SUMMARY

DENTAL PROCEDURES AND SERVICES REPORT
MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 00
US ARMY HEALTH SERVICES COMMAND FORT SAN HOUSTON, TEXAS

PCN F
P:

C O M M A N D S U M M A R Y

	ARMY	NAVY	AIR	TOTAL	MILITARY	DEPENDENT	ALL	ALL OTHER	ALL	TOTAL	CRV	
	MARINE	FORCE	MILITARY		WEIGHTED	CENTS	WEIGHTED	OTHER	WEIGHTED	ITEMS	WEIGHTED	
G1331 GROUP, ORAL HEALTH COUNSELING	40	16	1446	2747.4	1065	2023.5	324	615.6	2035	5386.5	1.9	
G135C APPLICATION OF PLT AND FISSURE SEALANTS	3	3	0	0.0	214	128.4	0	0.0	214	128.4	.6	
G136C TRICLORE AND TISSUE INDICES	1599B	115	16191	6476.4	7482	2992.8	1887	754.8	25560	10224.0	.4	
G138 RESTORATIVE (02005-02090)												
G214C AMALGAM - ONE SURFACE	24374	275	24699	24699.0	12660	12666.0	1755	1755.0	39114	39114.0	1.0	
G215C AMALGAM - TWO SURFACE	16291	91	166	16496	31342.4	7990	15181.0	1693	3216.7	26179	49746.1	1.9
G216C AMALGAM - THREE SURFACES	1159	35	99	7293	16044.6	2492	5482.4	1079	2313.8	10856	23900.8	2.2
G219L AMALGAM - FOUR OR MORE SURFACES	2766	30	28	3324	8642.4	1110	2904.8	686	1783.6	5128	13332.8	2.6
G221L SILICATE CEMENT	21	0	0	21	25.2	6	16.2	3	6.0	32	38.6	1.2
G232C RESTOR. SIMPLE	7450	30	65	7545	4954.0	3055	3666.0	1074	1280.0	11674	14008.8	1.2
G233E RESIN, COMPLEX	4226	35	46	4305	8179.5	1750	3325.0	769	1423.1	6804	12927.6	1.9
G234C ACID ETCH	6766	35	68	6809	1377.8	3164	632.0	1023	204.6	11074	2215.2	.2
G235 GLAZING, COMPOSITE	1672	33	51	3756	791.2	1761	352.2	507	117.4	6304	1263.8	.2
G236 SEALANT, OPERATIVE	2332	27	70	2429	1457.4	717	436.2	461	246.6	3547	2123.2	.5

DENTAL PROCEDURES AND SERVICES REPORT RCS-MED-376
MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 80
US ARMY HEALTH SERVICES COMMAND FORT SAN HOUSTON, TEXAS

DISC. CONSOLIDATED SUMMARY

COMMAND SUMMARY

AGENCY	ARMY	NAVY / MARINE	AIR FORCE	TOTAL MILITARY	COPEN WEIGHTED	DEPENDENT	ALL OTHER	ALL WEIGHTED	ALL TOTAL	CTV	EC
59926	LUMBAR THERAPY PROCEDURES, ADJUNCTIVE MEDICAL	415	4	443	310.1	294	205.8	54	37.8	791	553.7
59927	CELLULITIS TREATMENT	343	2	13	350	268.4	152	121.6	94	75.2	604
59940	ROUTIN PROTECTIONS	20	1	23	20.7	18	16.2	2	1.8	43	33.7
59941	PESSIM SIGNS	77	1	79	466.1	60	472.0	5	26.5	164	967.6
59942	FLUORIDE CARIES	41	0	49	44.1	951	855.9	382	343.0	1382	1243.9
59971	HYPERTENSIC MONITORING	0	1	1	10.6	6	0	0	1	10.6	10.6
59972	PATIENT HANDLING TIME, DIAGNOSTIC AND PREVENTIVE	75412	732	953	81.97	64877.6	37900	36320.0	14522	11617.6	133519
59973	PATIENT HANDLING TIME, ALL OTHER CLINICAL SERVICES	46166	613	720	150735	11031.8	48975	32872.5	20145	22139.5	170058
	TOTAL PROCEDURES	12417	3037	11245	1144114	850724.9	503750	373403.5	186934	163407.8	1013798
	TOTAL PROCEDURES BY RESERVES	8794	229	303	961677	7141.1	6013	5965.4	4192	3247.4	21821
	TOTAL PATIENTS TREATED	154137	1394	157379	1050	157379	77873	30626	265872	33592	16352.9
	TOTAL PATIENTS TREATED BY RESERVES	1254	37	100	1647	1268	657	3677	1176	1176	3677
	PATIENTS TREATED UNDER SPECIAL PROGRAMS	432	0	2	434	2057					

PHILOMED 05/29/49

MCNALLY DENTAL PROCEDURE REPORT FOR APRIL FY 50
US ARMY HEALTH SERVICES COMMAND FORT SAN HOUSTON, TEXAS

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HSC CONSOLIDATED SUMMARY

C O M M A N D S U M M A R Y

	ARMY	NAVY	AIR	TOTAL	MILITARY	DEPEN-	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CIV	EC	
	MARINE	FIRE	MILITARY		WEIGHTED	DEPEN-	WEIGHTED	OTHER	WEIGHTED	TOTALS	WEIGHTED			
CLINIC	FACTORY	INDUSTRIAL	CULTURES	43	1	2	46	13.8	9	2.7	15	4.5	70	
CLINIC	CARIES SUSCEPTIBILITY TEST	70	2	58.4	0	0.6	19	15.2	92	73.6	.8			
CLINIC	MICROSCOPIC TISSUE EXAMINATION	101	0	108.6	54	32.4	4	2.4	239	143.4	.6			
CLINIC	MICROSCOPIC TISSUE EXAMINATION	178	0	179	320.4	52	93.6	10	18.0	240	432.0	1.9		
CLINIC	LUMINESCENCE DIAGNOSTIC TEST	2367	8	2325	1060.0	860	688.0	322	257.6	3507	2005.6	.8	11	
CLINIC	CLINICAL PHOTOGRAPHY	1965	14	1605	542.5	790	399.0	311	155.5	2194	1097.0	.5		
CLINIC	IDENTIFICATION PHOTOGRAPHY	69	0	69	20.7	146	43.8	17	5.1	232	69.6	.3		
CLINIC	PREVENTIVE DENTAL-ORAL													
CLINIC	ADULT PROPHYLAXIS	23567	206	24302	43007.6	8448	15206.4	4093	1367.7	36923	65661.4	1.8	72	
CLINIC	CHILD PROPHYLAXIS	0	0	0	8.0	5174	5174.0	117	117.0	5299	5299.0	1.0	19	
CLINIC	TOPICAL APPLICATION	77907	152	10661	12922.7	11352	7518.4	2921	2046.7	32695	22885.0	.7	53	
CLINIC	TOOTH FLUORIDE - SETT ADDED	10747	7	20	10703	9704.7	2601	2412.9	389	350.1	13053	12467.7	.9	2.9
CLINIC	DENTAL PLATING	426	13	23	462	646.8	262	166.8	122	170.8	866	1184.4	1.4	10
CLINIC	INDIVIDUAL ORAL HEALTH COUNSELING	9678	866	1149	9047.9	47514	14254.2	15923	4776.9	161930	40579.0	.3	450	

REPAEED 05/29/80 DENTAL PROCEDURES AND SERVICES REPORT
 MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 80
 US ARMY HEALTH SERVICES COMMAND FORT SAN HOUSTON, TEXAS

MARSHAL FORCE

DENTAL PROCEDURES AND SERVICES REPORT
 ALL TOTAL CIV ECP
 ALL OTHER ALL TOTAL CIV ECP
 WEIGHTED WEIGHTED WEIGHTED

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DENTAL SUMMARY

	ARMY	NAVY	AIR	TOTAL	MILITARY	DEPENDENT	ALL	ALL OTHER	ALL TOTAL	CIV	ECP
	MAJINE	FLCE	FLCE	MILITARY	WEIGHTED	DEPEN-	WEIGHTED	WEIGHTED	WEIGHTED	CIV	ECP
52472 IDENTIFICATION PHOTOGRAPHY	0	0	1	0.3	35	10.5	0	0.0	36	10.0	.3
52473 PREVENTIVE (2000-02999)											
52474 ADULT PERIODONTIS	0	324	503.0	169	304.2	15	27.0	508	914.4	1.8	2
52475 CHILD PERIODONTIS	0	0	0.0	89	39.0	0	0.0	89	89.0	1.0	
52476 TYPICAL APPLICATION	0	247	172.9	208	145.6	14	9.0	469	328.3	.7	
52477 DENTAL PLANNING	7	0	7	9.8	6	8.4	0	0.0	13	10.2	1.4
52478 INDIVIDUAL ORAL HEALTH COUNSELING	0	2263	670.9	2400	720.6	15	46.5	4793	1459.4	.3	201
52479 GROUP ORAL HEALTH COUNSELING	7	0	7	13.3	6	11.4	0	0.0	13	24.7	1.9
52480 PLAQUE AND ISSUE INDICES	0	640	256.0	463	185.2	49	19.6	1152	460.0	.4	29
52481 HISTORATIVE (02000-02999)											
52482 AMALGAM - ONE SURFACE	449	0	449	449.0	548	548.0	11	11.0	1008	1008.0	1.0
52483 AMALGAM - TWO SURFACE	0	273	518.7	353	670.7	670.7	9	17.1	835	1206.5	1.0
52484 AMALGAM - THREE SURFACE	121	0	121	266.2	86	189.2	5	11.0	212	466.4	2.2
52485											

PREPARED 05/29/00
DENTAL PROCEDURES AND SERVICE REPORT

MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 00
U.S. ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

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EXCERPTS FROM PREVIOUS REPORT

DENTAL SUMMARY

	ARMY	NAVY	AIR	TOTAL	MILITARY	DEPENDENT	ALL	ALL OTHER	ALL	ALL TOTAL	CIV	ECP
	MALE	MALE	MALE	MALE	MALE	MALE	MALE	MALE	WEIGHTED	DENTS	WEIGHTED	WEIGHTED
0312C ORAL EXAM (ANAL CR PERIOD)	0	860	694.4	720	576.0	32	25.6	1620	1295.0	.8	.8	.52
0313C OTHER EXAMINATION	0	933	373.2	977	390.0	59	23.6	1969	787.6	.4	.4	.60
0313C SCREENING EXAMINATION	0	206	62.4	401	160.4	25	10.0	632	252.8	.4	.4	.31
0314C COMPREHENSIVE EXAMINATION	0	97	349.2	279	1004.4	15	54.0	391	1407.6	3.6	3.6	.44
0315C DENTAL CONSULTATION	0	21	14.7	205	143.5	1	6.7	227	158.9	.7	.7	.26
0316C THERMO-PRESSURE RECORDING	0	50	11.6	51	10.2	5	1.0	114	22.8	.2	.2	.7
0318C INTRADENTAL SERIES	0	25	35.0	23	32.2	2	2.8	50	70.0	1.4	1.4	.16
0322C INTRADENTAL FILM	0	1400	200.0	1165	233.0	23	4.6	2588	517.6	.2	.2	.16
0325C EXTRADENTAL FILM	0	3	1	0.5	1	0	0.0	2	1.0	.5	.5	.16
0333C RADIOGRAPHIC FILM	52	58	23.2	91	36.4	5	2.0	154	61.6	.4	.4	.1
0334C CEPHALOMETRIC FILM	0	0	1	0.4	22	8.8	3	1.2	10.4	.4	.4	.1
0346C TRIDIMENSIONAL DIAGNOSTIC TEST	0	79	63.2	42	33.6	2	1.6	123	98.4	.0	.0	.10
03471 DIAGNOSTIC CLINICAL PHOTOGRAPHY	0	0.5	67	21.5	0	6.0	68	34.0	.5	.5	.5	.1

PREPARED 05/29/00

DENTAL PROCEDURES AND SERVICES REPORT
MONTHLY DENTAL PROCEDURE REPORT FOR APRIL FY 00
U.S. ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

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CENTAC SUMMARY

ARMY	NAVY	AIR FORCE	TOTAL	MILITARY DEPENDENT	DEPENDENT WEIGHTED	ALL OTHER WEIGHTED	ALL OTHER WEIGHTED TOTALS	CIV	ECP		
C2161 AMALGAM - FOUR OR MORE SURFACES	6.0	0	60	156.0	47	122.2	3	7.8	110	286.0	2.6
C232C RESIN, SIMPLE	12.5	0	125	150.0	154	184.0	5	6.0	204	343.8	1.2
C233C RESIN, COMPLEX	4.3	0	43	81.7	73	130.7	5	9.5	121	229.9	1.9
C234C ACID ETCH	12.0	0	120	25.6	153	30.6	11	2.2	202	50.4	0.2
C234I GLAZING, COMPOSITE	11.9	0	119	23.0	141	28.2	5	1.0	265	53.0	0.2
C234L SALAMIT, OPERATIVE	2.7	0	24	40.2	37	22.2	4	2.4	103	64.8	0.6
C234L RECOMMENDATION: INLAY, CROWN, FIXED PROTR	2.0	0	20	28.0	20	28.0	6	8.4	50	70.0	1.4
C234C SEPARATIVE/TEMPORARY RESTORATION	2.1	0	21	100.5	108	94.0	3	1.5	392	196.0	0.5
C235C CROWN SUBSTRUCTURE	1.4	0	14	35.0	7	17.5	0	0.0	21	52.5	2.5
C235Z RESTORATION POLISH	4.8	0	48	360.0	360	288.0	54	43.2	874	699.2	0.8
C2452 PLASTER REPAIR	6.6	0	66	26.4	18	7.2	1	0.4	85	34.0	0.4
C2454 INTERMEDIATE BASE	9.56	0	956	191.2	1037	207.4	36	7.2	2029	405.8	0.2
C266C KÜNTER-DÄM APPLICATION	4.67	0	467	186.8	460	184.0	10	4.0	937.	374.8	0.4
C247C HAMELOPLASTY/COONCPLASTY	2.3	0	25	5.0	26	5.2	1	0.2	52	10.4	0.2

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US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS
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DISCUSSION

DENTAL SUMMARY

ARMY	NAVY	AIR FORCE	TOTAL MILITARY	DEPEN-	DEPENDENT	ALL OTHER	ALL TOTAL	CIV	ECP
				WEIGHTED	WEIGHTED	WEIGHTED	WEIGHTED		
1973 PATIENTS TREATED	1372	1372	1509.2	1843	1807.3	113	124.3	3128	3440.8
TOTAL PROCEDURES	0	0	19250	13408.5	20125	14336.5	1045	893.6	40420
TOTAL PROCEDURES BY RESERVES	0	0	0.0	167	104.6	0	0.0	167	104.6
TOTAL PATIENTS TREATED	0	0	2467	2655	2655	144	5266		
TOTAL PATIENTS TREATED BY RESERVES	0	0	0	3A	0	0	30		
PATIENTS TREATED UNDER SPECIAL PROGRAMS	0	0	197	21	21	21	210		

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APRIL 15/1963 MONTHLY DENTAL SUPPLEMENTAL REPORT FOR APRIL 30
US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

INSTRUCTIONS

DENTAL SERVICES AND SERVICES REPORT
DENTAL SUPPLEMENTAL REPORT FOR APRIL 30
US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

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PAGE 1

MILITARY STRENGTH SERVED	ARMY	NAVY/MARINE	AIR FORCE	ARMED FORCES	TOTAL	PERCENT OF TOTAL
ARMY CLASSIFIED	1,452	0	6	6	8,450	16.40
ARMY UNCLASSIFIED	1,303	0	1	1	1,309	16.40
ARMED FORCES CLASSIFIED	4,505	0	5	5	4,590	54.20
ARMED FORCES UNCLASSIFIED	2,479	0	0	0	2,479	29.30

MILITARY STRENGTH SERVED DEPENDENTS RETIRED OTHER
0 0 0 0

TYPE APPLICATIONS	ARMY	OTHER-MILITARY	DEPENDENTS	OTHER	TOTAL
TYPE	690	ELIGIBLE	PARTICIPATING	PARTICIPATION	90.72%

MILITARY FACILITIES
TOTAL CLINICS TOTAL TREATMENT ROOMS
44 44

NUMBER OF PARTICIPATING
SERVING RESIDENT OFFICERS
MUTUAL SUPPORT TRAINING CARE MODES
0 0 0 C

% LOST TO UNFILLED APPOINTMENTS
141 HOURS

TYPE OF DENSTY PRACTICE RESIDENTS
0 NUMBER OF DENSTYS 0 FOREIGN + OTHER
0

NOTE: OF DC ASSIGNMENT NOT AVAILABLE 50 PERCENT OF THE TIME FOR DIRECT PATIENT CARE

NOTE: OF DTA ASSIGNED NOT AVAILABLE 50 PERCENT OF THE TIME FOR DIRECT PATIENT CARE

NOTE: OF DTA ASSIGNED NOT AVAILABLE 50 PERCENT OF THE TIME FOR DIRECT PATIENT CARE

P3CRSA 01

DENTAL PROCEDURES AND SERVICES REPORT
MONTHLY LABORATORY PRODUCTION REPORT FOR APRIL FY 00
US ARMY HEALTH SERVICES COMMAND FOR SAN HOUSTON, TEXAS

PJCRSAOS
PAGE 2

~~REPRODUCTION PROHIBITED~~

CENTRAL SUPPLY ROOM

LABORATORY WORKLOAD

PROCEDURE	PROCEDURE NAME	UNITS	WHL	WHL VALUE
C038	ARTICULATOR SIMPLE	44	001	44
C041	IMPRESSION TRAY COMPL DENT	12	005	60
C041	SECOND BASE AND RIM COMPL DENT	19	007	133
C043	SET-UP AND MAX-UP COMPL DENT	16	030	300
C044	PROCESS AND FINISH COMPL DENT	12	030	360
C045	FULLY EDU COMPL DENT	10	058	580
C046	RELIEF/REBASE COMPL DENT	05	020	100
C047	REPAIR COMPLETE DENTURE	20	008	160
C048	SURGICAL TEMPLATE	01	007	07
C049	SOX AND POUR IMPRESSION	26	005	130
C050	ARTICULATOR SEMI-ADJUSTABLE	06	002	92
C051	ORTHODONTIC TOOTH POSITIONER	02	030	60
C052	ORTHODONTIC STUDY MODELS	79	010	790
C053	ORTHODONTIC APPLIANCE	32	050	1600
C053	ORTHODONTIC FLEXIBLE	04	005	20

TOTAL LABORATORY WORKLOAD

1043

8828

PJCRSA

MONTHLY LABORATORY PRODUCTION REPORT FOR APRIL, FY 80
US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

PCN 35005
PAGE 1

CENTRAL SUMMARY

LABORATORY WORKLOAD

PROCEDURE	NAME	UHS	WNU	WNU VALUE	PCN 35005
		04	010	72	PAGE 1
COP13	FULLY FAB FPD PORCELAIN/METAL	01	035	35	
COP14	FULLY FAB FPD UNVENEERED	15	045	675	
COP15	FULL FAB CUTIN PORCELAIN/METAL	23	035	805	
COP16	FULL FAB CRACK UNVENEERED	07	010	70	
COP17	SOLDER	25	005	125	
COP18	SLAKE	16	005	80	
COP19	CHARACTER VENEER (SPEC STAIN)	12	010	120	
COP20	LASTINGS	12	025	300	
COP21	POST AND CORE	06	005	30	
COP22	TEETH SPANNER BRIDGE FORMER	285	001	285	
COP23	POUR CAST FIXED	64	030	120	
COP24	SET-UP AND PROCESS FPD				
COP25	TRANSITIONAL FPD	14	020	280	
COP27	REPAIR FPD	18	012	216	
COP28	IMPRESSION TRAY FIXED OR REM	67	005	335	
COP29	ALTERED CAST TRAY	02	009	10	
COP30	PURE ALTERED CAST	02	005	10	
COP37	PURE CAST PRELIM MASTER/OPPOS	194	001	194	

DEPARTMENT OF DEFENSE
MONTHLY DENTAL SUPPLEMENTAL REPORT FOR APRIL FY 80
US ARMY HEALTH SERVICES COMMAND FORT SAM HOUSTON, TEXAS

1 APRIL 1980

DENTAL SUMMARY

ENTAL PROCURES AND SERVICES REPORT RCS MED-376 PCH RSH-MD-3
MONTHLY DENTAL SUPPLEMENTAL REPORT FOR APRIL FY 80 PAGE 3

CATEGORY OF PERSONNEL	MOS	TDA SERIES	TO REPRESENTS	AUTHORIZATION	ASSIGNED	ONBOARDED, ETC.	OTHER
ARMY AND SUPPLY							
PROFESSIONAL	351	1	0	1	0	0	
CIVILIAN	352	0	0	0	0	0	
MILITARY	370	4	3	4	4	0	
CIVILIAN	370	4	4	4	4	0	
TOTAL							
DENTIST MILITARY	117	27	26	26	26	0	
DENTIST CIVILIAN	60	0	0	0	0	0	
RSC	351	1	1	1	1	0	
CIVILIANS	352	64	40	14	14	0	
CIVILIAN	370	11	9	9	9	0	

PREPARED 05/29/40 DENTAL PROFESSIONALS AND STANDARDS REPORT
 MONTHLY DENTAL SUPPLEMENTAL REPORT FOR APRIL FY 40
 US ARMY HEALTH SERVICES COMMAND FORT SAN HOUSTON, TEXAS
 RCS MED-376 PGN RS P

DENTAL STAFF SUMMARY

CATEGORIES OF PERSONNEL	MCS	TCA	TDA	OTHER
	SERIES	REQUIREMENTS	AUTHORIZATION	ASSIGNED
DENTIST				BORROWED, ETC.
MILITARY	377	27	26	0
CIVILIAN	680	0	0	0
DENTAL HYG	3			
MILITARY	91553	4915	2	2
MILITARY	91540	**914	2	2
MILITARY	91533	**913	1	1
MILITARY	42440	**424	0	0
MILITARY	42039	**423	1	0
CIVILIAN				
DENTAL ASSISTANTS				
MILITARY	4922	34	23	13
CIVILIAN	49601	6	5	0
DIA S				
MILITARY	919	4	4	0
CIVILIAN	**679	0	0	0
HYGILISTS				
MILITARY	911	9	7	0
CIVILIAN	**682	0	0	0
PUBLIC HEALTH DENTAL HYC				
CIVILIAN	**684	1	0	0
DENTAL LAB TECHNICIAN				
MILITARY	420	7	6	0
CIVILIAN	**683	0	0	0

APPENDIX B
Management (Performance) Indicators

MANAGEMENT (PERFORMANCE) INDICATORS

1. Production (Productivity) Indicators

a. Weighted Dental Procedures Per Care Provider

Formula: $\frac{\text{Total Weighted Procedures}}{\text{Total Clinical Staff*}}$

*Includes dentists, hygienists, DTAs, DAs, x-ray technicians

b. Cost Per Weighted Dental Procedure

Formula: $\frac{\text{Total Weighted Procedures}}{\text{Assigned Costs*}}$

*As designated by DENTAC or MACOM controller

c. Weighted Laboratory Procedures Per Technician

Formula: $\frac{\text{Total Weighted Dental Laboratory Procedures}}{\text{Assigned Laboratory Technicians*}}$

*Includes all technicians assigned to DENTAC, wherever utilized.

d. Prophylaxes Per Assigned Hygienist and DTA

Formula: $\frac{\text{Prophylaxes Unweighted (01110, 01120)}}{\text{Assigned Hygienist} + .3 \text{ Assigned DTA}}$

e. Restorations Per Dentist

Formula: $\frac{\text{Number of Restorations,* Unweighted}}{\text{Number of Assigned Dentists}}$

*See appendix for selected procedures.

f. Endo Teeth Filled Per Dentist

Formula: $\frac{\text{Number of Teeth, Endo Completed,* Unweighted}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

g. Periodontal Procedures Per Dentist

Formula: $\frac{\text{Number of Perio Procedures Completed*}}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

h. Removable Dentures Per Dentist

Formula: $\frac{\text{Number of Removable Dentures Completed}^*}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

i. Units of Fixed Prosthodontics Per Dentist

Formula: $\frac{\text{Units of Crown and Bridge Completed}^*}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

j. Teeth Extracted Per Dentist

Formula: $\frac{\text{Number of Teeth Extracted}^*}{\text{Number of Dentists Assigned}}$

*See appendix for selected procedures

k. Oral and Maxillofacial Surgical Procedures Per Oral Surgeon Assigned

Formula: $\frac{\text{Selected O and MFSP}^*}{\text{Number of Oral Surgeons Assigned}}$

*See appendix for list of procedures

l. Orthodontic Procedures Per Orthodontist*

Formula: $\frac{\text{Selected Orthodontic Procedures}^{**}}{\text{Number of Orthodontists Assigned}}$

*Applied on to DENTACs where orthodontists are assigned

**See appendix for list of procedures

NOTE: Most of the above productivity indicators are based upon the total number of assigned dentists or combined care providers. By so doing they do not spotlight any particular provider or group of providers. But they do measure overall performance in major treatment areas.

2. Reporting System Evaluators

a. Treatment Category Profile (TCP)

Defined: A proportion of weighted procedures by each treatment category to total weighted procedures.

Purpose: To establish a DENTAC profile to monitor performance over time and detect significant deviations. The proportions for the ten treatment categories will equal 100 percent or 1.

b. DENTAC Hard Procedures Index (HPI)

Defined: The HPI is an abstract number designed to be a more realistic indicator of "end-product" workload as reported by the unmodified ADA codes.

Purpose: To monitor DENTACs for major deviations from historical norms of performance.

Formula: $\frac{\text{Weighted Hard Procedures by Category}}{\text{Weighted Total Procedures by Category}} = \text{Category Index}$

Sum of the Category Indexes: Hard Procedure Index
 $\leq CI = HPI$

c. Care Profile by Beneficiary Category (CPBC)

Defined: A measure of the weighted procedures reported for each treatment category by beneficiary category.

Purpose: To monitor the allocation of resources and care.

Formula: $\frac{\text{Total Weighted Procedures by Category}}{\text{Total Patients Treated by Category}} = CPBC$

For each Treatment Category the Sum of the CPBCs will equal 100% or 1.

d. Active Duty Army at Risk Index (ARI)

Defined: A measure of treatment provided to active duty Army personnel as compared to the total number of Army assigned (at risk).

Purpose: Using care needs as measured by recent study efforts by Health Care Studies Division, AHS, this index will evaluate the care delivered to active duty personnel as compared to total need of that group.

Formula: $\frac{\text{Total Weighted Procedures by Category}}{\text{Total Army Assigned}} = ARI$

APPENDIX
SELECTED PROCEDURES

A-1 Selected Restorative Procedures for Restorative per assigned DDS ratio:

02140 - Amalgam 1 surface
02150 - Amalgam 2 surfaces
02160 - Amalgam 3 surfaces
02161 - Amalgam 4 or more surfaces
02320 - Resin, Simple
02336 - Resin, Complex

A-2 Selected Endodontic Procedures for Endo teeth per assigned DDS ratio:

03311 - Anterior, 1 Canal Filled
03312 - Anterior, 2 or more Canals Filled
03321 - Premolar, 1 Canal Filled
03322 - Premolar, 2 Canals Filled
03323 - Premolar, 3 or more Canals Filled
03331 - Molar, 1 Canal Filled
03332 - Molar, 2 Canals Filled
03333 - Molar, 3 Canals Filled
03334 - Molar, 4 or more Canals Filled

A-3 Selected Periodontal Procedures* for Periodontics per assigned DDS ratio:

- 04210 - Gingivectomy/Gingivoplasty
- 04220 - Gingival Curretage
- 04260 - Osseous Resective Surgery
- 04271 - Free Soft Tissue Graft
- 04272 - Vestibuloplasty
- 04340 - Perio Scale and Root Planning

*Some of these procedures are not end-item entities as are restorations or crowns. For example, a mucogingival flap (04240) must be prepared prior to osseous resective surgery (04260), therefore both procedures will be recorded at a single appointment.

Some of the above procedures are also reported to a maximum of 2 per sextant rather than 1. The average maximum reportable for the 7 procedures is 9, or 1.3 per procedure. Perhaps a factor should be used to standardize this reporting category with the other nine reporting categories.

A-4 Selected Removable Prosthodontic Procedures for Dentures per DDS ratio:

- 05110 - Maxillary Complete Denture
- 05120 - Mandibular Complete Denture
- 05130 - Immediate Maxillary Complete Denture
- 05140 - Immediate Mandibular Complete Denture
- 05201 - Resin Maxillary Removable Partial Denture
- 05202 - Resin Mandibular Removable Partial Denture
- 05203 - Cast Metal Maxillary
- 05204 - Cast Metal Mandibular
- 05205 - Cast Metal Maxillary Resin
- 05206 - Cast Metal Mandibular Resin
- 05862 - Overdenture Maxillary
- 05863 - Overdenture Mandibular

A-5 Selected Fixed Prosthodontics Procedures for Units of Fixed Prosthodontics per DDS ratio:

06100 Fixed Partial Denture Retainers

06130 Porcelain Fused to Metal

06150 Partial Veneer, Metal

06160 Complete Crown, Metal

06200 Fixed Partial Denture Pontics

06201 Cast Metal

06240 Porcelain Fused to Metal

06700 Artificial Crowns

06718 Dowel and Core, Metal

06750 Porcelain Fused to Metal

06780 Partial Veneer, Metal

06790 Complete Crown, Metal

A-6 Selected Extraction Procedures for Teeth Extracted per DDS ratio:

07110 Tooth Removal

07120 Tooth Removal, Complicated

07130 Tooth Removal, Impacted

A-7 Selected Oral and Maxillofacial Surgery Procedures for OMFSP per O.S. assigned ratio:

07280 Skin or Mucosal Grafts

07285 Bone Graft or Osseous Implant

07310 Alveoloplasty with Extractions

07320 Alveoloplasty

07412 Excision, Soft Tissue

07452 Removal of Odontogenic Cyst or Tumor

07462 Removal of Non-Odontogenic Cyst or Tumor

07470 Removal of Exostoses

07481 Sequestrectomy

07520 Biopsy

07610 Maxilla, Open Reduction

07620 Maxilla, Closed Reduction

07630 Mandible, Open Reduction

07640 Mandible, Closed Reduction

07690 Maxillofacial Appliances

07960 Frenectomy

A-8 Selected Orthodontic Procedures for Orthodontic Procedures per Orthodontist assigned ratio*

08410 Banding ¹

08420 Bonding ¹

08540 Positioner Insertion ²

08110 Space Maintainer ²

✓ 08553 Craniofacial Analysis ¹

*This indicator is intended for use only where one or more military orthodontists are assigned to a DENTAC as reported on the monthly personnel report form, i.e., HSC Form 113. As with the other performance indicators above it is not intended as a precise measure of productivity.

¹These three procedures are intended to give a rough estimation of the number of new orthodontic patients entering the treatment regimen. Since these procedures are reported per tooth banded or bonded, monthly reports will have to be monitored in order to determine the average number of these procedures per patient. From this it can be determined how many new patients have been started.

²These two procedures are intended to provide an estimate of the number of patients completing active orthodontic treatment during a reporting period.

PROPOSED PRINTOUT FORMAT - INDIVIDUAL DENTAC TIME

DENTAC TCP FOR (MONTH, YEAR)

DENTAC	DIAG	PREV	REST	ENDO	PERIO	R.PROS	F.PROS	ORTHO	SURG	AGS	TOTAL	DE
DENTAC 1	.10	.05	.20	.05	.10	.15	.15	.05	.10	.05	1.00	..
2	.08	..	..	..	..	..	..	..	..	..	1.00	..
3	.06	..	..	..	..	..	..	..	..	..	1.00	..
4	.03	..	..	..	..	..	..	..	..	..	1.00	..
5	.15	..	..	..	..	..	..	..	..	..	1.00	..
37	.04										1.00	

OVERALL
DENTAC AVG .084

DEVIATION FROM MACOM AVERAGE (PERCENT)

1.00
1.00

DE

DENTAC	1	+16	+25	-3	-1	+4	+8	0	+21	+18	-6	+18
2	
3	
4	
5	

APPENDIX C
Initial Monthly Analysis (Oct 79)

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

HSC - OCT 79

NUMBER OF PROCEDURES USED-OCTOBER 1979

ALASKA	160	LEE	152
BELVOIR	139	LEONARD WOOD	168
BENNING	191	LEWIS	1 3
BLISS	173	McCLELLAN	128
BRAGG	195	MEADE	150
CAMPBELL	196	MONMOUTH	108
CANAL ZONE	154	ORD	178
CARSON	152	POLK	176
DEVENS	131	PRESIDIO of S.F.	153
DIX	145	REDSTONE	130
EUSTIS	135	RILEY	202
FITZSIMONS	152	RUCKER	158
GORDON	194	SAM HOUSTON	168
HAWAII	158	SHERIDAN	107 (L)
HOOD	203	SILL	193
HUACHUCA	163	STEWART	141
JACKSON	165	WALTER REED	203
KNOX	223 (H)	WEST POINT	139
LEAVENWORTH	162	HSC	295

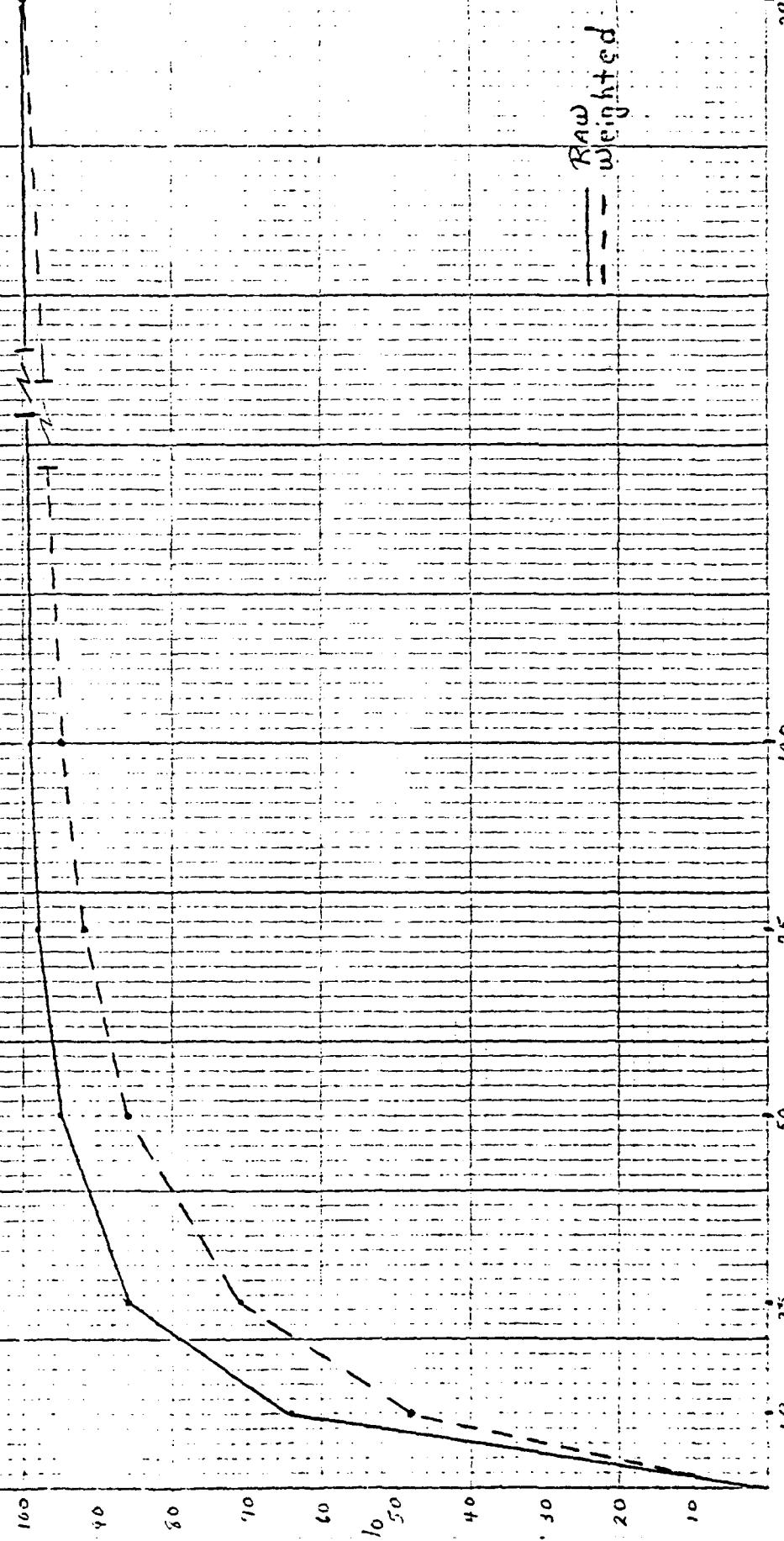
DENTAC RANGE: 107-223

PROCEDURE INCIDENCE

HSC - OCTOBER 1979

INCIDENCE HIERARCHY (HARD PROCEDURE)	CUMULATIVE RELATIVE FREQUENCY	
	RAW	WEIGHTED
10 ([1])	64	48
25 (4[3])	86	71
50 (10 [3])	95	86
75 (20 [3])	98	92
100 (29 [3])	99	95
293	100	100

COMMAND PROCEDURE INCIDENCE



WEIGHTED HEALTH SERVICE COMMAND PROCEDURE PROFILE

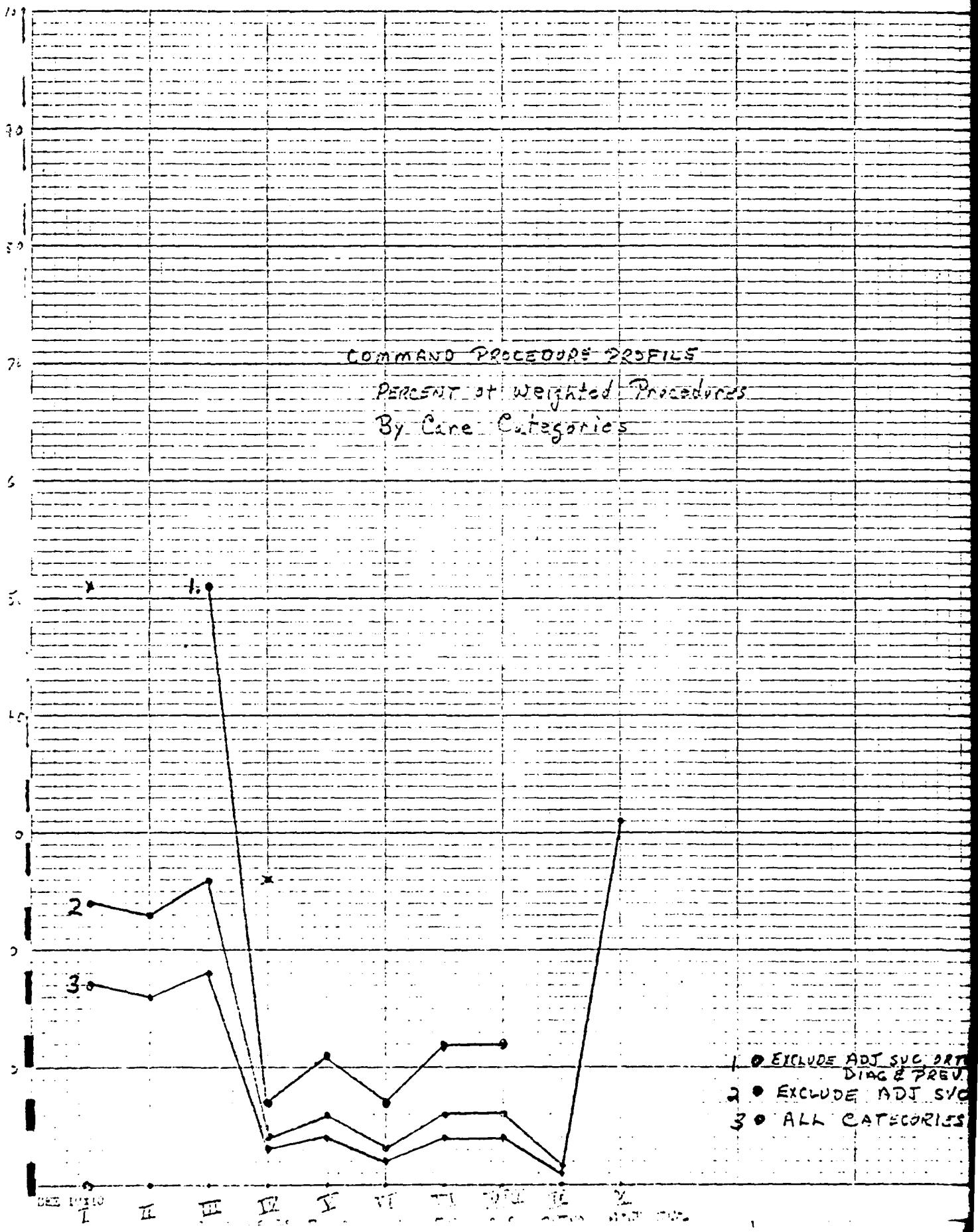
Percent of Relative Frequency

I	DIAGNOSTIC	17	24
II	PREVENTIVE	11 (16)	16 (23)
III	RESTORATIVE	18	26
IV	ENDODONTICS	3	4
V	PERIODONTICS	9 (4)	13 (6)
VI	R. PROSTHODONTICS	2	3
VII	F. PROSTHODONTICS	4	6
VIII	ORAL SURGERY	4	6
IX	ORTHODONTICS	1	1
X	ADJUNCTIVE SERVICES	31	

SELECTED PROCEDURE CATERGORY PROFILE

HSC October 1979

*		ADJUSTED PERIODONTICS
	<u>%</u>	<u>%</u>
RESTORATIVE	44	51
ENDODONTICS	6	7
PERIODONTICS	22	11
R. PROSTHODONTICS	6	7
F. PROSTHODONTICS	11	12
ORAL SURGERY	<u>11</u> <u>100</u>	<u>12</u> <u>100</u>



HSC EXAM PROFILE BY DENTAC

The following is a list of exam ratios. The ratio was obtained by totaling exams (00120, 00130, 00133, 00140) and dividing that sum by the Total Patient Treated.

Alaska	1.23	Lee	.72
Belvoir	.53	Leonard Wood	.70
Benning	.75	Lewis	.95
Bliss	.84	Mc Clellan	.97
Bragg	.80	Meade	.96
Campbell	.67	Monmouth	.54
Canal Zone	.68	Ord	.92
Carson	.71	Polk	.68
Devens	.61	Pres. of S.F.	.87
Dix	.90	Redstone	.94
Eustis	.67	Riley	.84
Fitzsimons	.61	Rucker	.51
Gordon	.78	Sam Houston	.86
Hawaii	.84	Sheridan	.48
Hood	.88	Sill	.75
Huachuca	.69	Stewart	.59
Jackson	.40	Walter Reed	.87
Knox	.79	West Point	.40
Leavenworth	.54		

HSC SELECTED UNWEIGHTED PROCEDURE PROFILE

	SELECTED PROCEDURE FREQUENCY	PERCENT OF TOTAL CATEGORY
RESTORATIVE	95,630	32%
ENDODONTICS	2,946	15%
PERIODONTICS	7,876	24%
R. PROSTHODONTICS	2,312	45%
F. PROSTHODONTICS-TOTAL Units (5,374)	11,591	84% (40%)
ORAL SURGERY-TOTAL EXT (28,909) OTHER (24,867)	53,776	96% (51%) (44%)
ORTHODONTICS	4,203	32%
TOTAL		

TOTAL SELECTED
TOTAL REPORTED

11% of Procedures Reported
are in Selected Group

(10%) for most restricted selective group

WORK HOURS EQUIVALENTS ANALYSIS

HSC October 1979

1,266,862 TOTAL CTV's

1,194,068.4 CORRECTED CTV's (Reserved & X-Ray Removed)

15,378.15 WORK-HOURS/DAY PRODUCED BY HSC
(1534* Care Providers)

10 WORK-HOURS/DAY/CARE PROVIDER

* From Supplemental Report-Assigned Strength of DDS, Hyg, and 1/2 DTA

	TREATED	TOTAL PTS	PTS/TREATED	PHTS/PT TREATED	PROCEDURES	TOTAL WTD PROC	RAW PROC PT TRID	WTD PROC PT TRID
Alaska	3805	5562	1.46	38874	28401.6	10.2	7.4	
Belvoir	5007	8224	1.64	27147	20793.8	5.4	4.1	
Benning	12427	12548	1.01	83099	62571.8	6.7	5.0	
Bliss	8939	10149	1.13	56827	41952.9	6.3	4.7	
Bragg	14278	16979	1.19	98784	73451.2	6.9	5.1	
Campbell	11387	13354	1.17	76089	53898.0	6.7	4.7	
Canal Zone*	6269	4072*	0.65*	38356	25740.7	6.1	4.1	
Carson	7906	10467	1.32	53906	39724.6	6.8	5.0	
Devens	3308	3799	1.15	22713	15734.3	6.9	4.7	
Dix	5935	7262	1.22	39656	32149.0	6.7	5.4	
Eustis	4844	4904	1.01	31127	23393.3	6.4	4.8	
Fitzsimons	1888	1693	0.89*	9778	8284.5	5.2	4.4	
Gordon	10836	13746	1.27	69812	53052.0	6.4	4.9	
Hood	15708	18695	1.19	115935	84312.3	7.4	5.3	
Huachuca	5209	5179	0.99*	39405	28198.9	7.5	5.4	
Jackson #	13967	17704	1.27	61157	42823.8	4.4	3.0	
Knox	11566	13696	1.18	76426	56203.1	6.3	4.8	
Leavenworth	3785	4219	1.11	19735	15767.7	5.2	4.1	
Lee	4518	4949	1.09	28123	20565.4	6.2	4.5	
Leonard Wood ##	16563	11168*	0.67*	69658	47704.7	4.2	2.9	
Lewis (Madigan)	9226	11657	1.26	68298	49528.7	7.4	5.3	
McClellan	33488	5301	1.52	22403	16029.6	6.4	4.6	
Meade	5714	7391	1.29	41813	31630.3	7.3	5.5	
Monmouth*	1938	1403	0.72*	10976	8887.5	5.6	4.6	
Ord**	7240	18865	2.60	74768	61696.6	10.3	8.5	
Polk	7643	10100	1.32	50492	37830.1	6.6	4.9	
Presidio of San Fran	3162	3490	1.10	18167	14625.6	5.7	4.6	
Redstone Arsenal	2210	3911	1.77	18676	14622.1	8.4	6.6	
Riley	8703	10161	1.17	63154	46866.5	7.2	5.4	
Rucker*	4641	4232	0.91*	27621	20779.3	5.9	4.5	

	PTS TREATED	TOTAL PITS	PITS/PT TREATED	TOTAL PROCEDURES	TOTAL WTD PROC	RAW PROC PT TRID	WTD PROC PT TRID
Fort Sam	4419	4520	1.02	27799	21030.1	6.3	4.7
Sheridan	604	566	0.94	3590	338.5	5.9	5.6
Sill	11740	12807	1.09	72687	53260.9	6.2	4.1
Stewart	5451	5613	1.03	32071	24024.9	5.9	4.4
Hawaii	7517	8522	1.13	43213	33172.1	5.7	4.4
Walter Reed	7601	8664	1.14	49913	42533.8	6.5	5.6
West Point***	3021***	3021***	1.00	15651	12234.9	5.2	4.0

Overall PHT AVERAGE

1.21

Overreported on
recruits

Recruits

REPORTING DISCREPANCIES BY CARE CATEGORY
MONTHLY REPORT - OCTOBER 1979

I. Diagnostic.

- a. 00460, Endo Diag Test seems to be underreported. Some DENTACs reported none. Some reported only 4, 7, etc., for the month.
- b. 00471, 00472, Diag and ID Photos. Alaska may be double reporting since they reported identical totals for both.
- c. 00141, Post Mortem exam seems to be overreported. Knox, for example, reported 11.
- d. 00310, Sialography. Huachuca reported 41 and WRAMC 87. They may be reporting it every time they look for a stone in a duct with a routine x-ray.

II. Preventive.

- a. 01310, Dietary Planning appears to be overreported. As examples:

Benning	215
Riley	120
Ord	113
Redstone	107
HSC total	763

- b. 01330, Individual Oral Health Counseling reported 143,710. This is more than 1 for every 2 patients treated.

III. Restorative.

- a. 02954, Intermediate Base. Should be monitored. For example, Hood reported about 6700 as compared to total restoration of about 7800.

- b. 03220, Pulpotomy Permanent. Total reported 1153. Bragg, Campbell, and Sill are the heaviest and they also do dependent care. But this still seems high.

IV. Endodontics.

- a. 03360, Endo Interim Treatment seems to be low overall (4650 for all of HSC).

V. Periodontics.

- a. 04210, 04220, Gingivectomy and Gingival Curretage. Alaska reported far more than any other DENTAC, 434 as compared to 203 for Meade.

VI. Prosthodontics Removable.

a. 06203, Procclain Pontic reported 54 times, 34 from Ord. This is surely misreporting.

VIII. Oral and Maxillofacial Surgery.

a. 07210, Repair Trauma Simple Under 5 cm. Bragg reported a total of 127, which seems to be high when compared to 29 for Hood. This procedure is probably being used for suturing credit during other surgical procedures, which is wrong.

b. 07310, Alveoloplasty with Extractions. This appears to be over-reported, especially by:

Ord	307
Alaska	231
Hood	176
HSC	2647

c. 07320, Alveoloplasty reported 639 times. This seems high, especially in view of the small number of removable dentures being reported.

d. 07452, Removal Odontogenic Cyst/Tumor was heavily reported, especially by:

Sill	307
Ord	269
Knox	175
Lewis	137
Jackson	151
Benning	142
HSC	2530

This seems to be a carryover from the old days.

e. 07845, TMJ surgery. Sill reported 6 cases as compared to 12 for all of HSC.

f. 07901, Postsurgical Treatment was heavily reported (HSC - 13210).

Examples by DENTAC:

Hood	1014
Campbell	960
Bragg	724
Gordon	686
Lewis	648
Ord	648
Knox	644
Benning	630

IX. Adjunctive General Services.

- a. 09210, Local Anesthesia Diagnostic was probably misreported (HSC total - 5430)
- b. 09212, Trigeminal Block, was probably misreported (HSC total 456).

Gordon	302
Knox	78

- c. 09610, Therapeutic Injection was probably misreported (191)

Hood	114
Sill	67

- d. 09715, Grand Rounds seems to be overreported by some and under-reported by others. Some MEDCENs reported 0 while some DENTACs reported heavily. For example:

WRAMC	0
LAMC	0
BAMC	0
TAMC	106
FAMC	82
WBAMC	97
Hood	339
Knox	93

- e. 09918, Postoperative Treatment is probably being misused. The HSC total was over 24,000 even though the scope of this procedure is narrow as compared to the old system.

Examples of heavy reporting:

Campbell	2721
Gordon	1347
Hood	1243
Meade	1020 (Med DENTAC)
WRAMC	1016
Lee	926 (Sm DENTAC)

Jackson probably underreported (only 259).

- f. 09922, Surgical Procedure for Diagnosis. Campbell reported 57 which seems high when compared to 172 for all of HSC. Only 13 DENTACs reported this procedure and the next highest total was by Fitzsimons (35).

- g. 09927, Cellulitis Treatment. FAMC reported 356 as compared to HSC total of 583.

h. Patients Treated Special Programs.

The HSC total was 35648. Bragg reported 16341 of this total, while Sheridan reported 0.

i. Patients Treated.

Hood, which is the largest DENTAC in terms of workload reported and dentists assigned reported a total of 15708. Leonard Wood reported 16563 and Jackson 13967.

This category bears close monitoring. It is possible that some DENTACs are incorrectly reporting a patient more than once a day.

OTHER AREAS WHICH BEAR WATCHING

1. 09943, Radiation Shield was erroneously reported (HSC total 2445). All of these were reported by Dix and obviously represented the use of the lead apron during the process of making dental x-rays.
2. Jackson and Leonard Wood credited a PHT for each recruit seen. This is not correct since these recruits are not examined by a dentist.
3. Leonard Wood and McClellan apparently reported a Screening Exam for each recruit seen. This is also not correct.
4. There is evidently some difficulty in the field with the Patient Handling Time concept. One DENTAC seriously underreported (0.7 PHT per patient treated) while another DENTAC apparently overreported (2.8 PHT per patient treated). The true figure should be something more than 1.0 PHT per PT TX since some patients are seen by more than one care provider at a particular appointment. But the figure should not be less than 1.0 nor exactly 1.0 as reported by one DENTAC.
5. There was evidence that in the area of Fixed Prosthodontics there were errors made in material codes. This probably has no great bearing on weights but it can give an inaccurate picture of the types of work being done. It should be an area for scrutiny in subsequent monthly reports.
6. 02970, Enameloplasty/Odontoplasty seems to be seriously underreported.

APPENDIX D

Revised Monthly Analysis (May 80)

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

MAY 1980

TOTAL DENTISTS ASSIGNED BY DENTAC

	<u>DC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	26	1138	= 0.0228	Leonard Wood	38	1138	= 0.0334
Belvoir	15		0.0132	Lewis	35		0.0308
Benning	45		0.0395	Mc Clellan	15		0.0132
Bliss	51		0.0448	Meade	30		0.0264
Bragg	72		0.0633	Monmouth	8		0.0070
Campbell	46		0.0404	Ord	34		0.0299
Canal Zone	28		0.0246	Polk	32		0.0281
Carson	28		0.0246	Presidio of SF	22		0.0193
Devens	12		0.0105	Redstone	12		0.0105
Dix	16		0.0141	Riley	37		0.0325
Eustis	21		0.0185	Rucker	20		0.0176
Fitzsimons	11		0.0097	Sam Houston	24		0.0211
Gordon	47		0.0413	Sheridan	4		0.0035
Hood	85		0.0747	Sill	47		0.0413
Huachuca	24		0.0211	Stewart	25		0.0220
Jackson	39		0.0343	Hawaii	26		0.0228
Knox	69		0.0606	Walter Reed	52		0.0457
Leavenworth	16		0.0141	West Point	11		0.0097
Lee	15		0.0132				

TOTAL DENTAL PERSONNEL BY DENTAC

	<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	84	4233	= 0.0198	Leonard Wood	146	4233	= 0.0345
Belvoir	58		0.0137	Lewis	147		0.0347
Benning	204		0.0482	Mc Clellan	55		0.0130
Bliss	182		0.0430	Meade	130		0.0307
Bragg	255		0.0602	Monmouth	36		0.0085
Campbell	154		0.0364	Ord	131		0.0309
Canal Zone	113		0.0267	Polk	118		0.0279
Carson	121		0.0286	Presidio of SF	72		0.0170
Devens	55		0.0130	Redstone	37		0.0087
Dix	88		0.0208	Riley	142		0.0335
Eustis	67		0.0158	Rucker	81		0.0191
Fitzsimons	37		0.0087	Sam Houston	94		0.0222
Gordon	171		0.0404	Sheridan	20		0.0047
Hood	264		0.0624	Sill	162		0.0383
Huachuca	89		0.0210	Stewart	99		0.0234
Jackson	135		0.0319	Hawaii	101		0.0239
Knox	230		0.0543	Walter Reed	177		0.0418
Leavenworth	61		0.0144	West Point	42		0.0099
Lee	75		0.0177				

TOTAL CTV'S BY DENTAC

	<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	29683.1	0.0234	Leonard Wood	45292.8	0.0357
Belvoir	16668.8	0.0131	Lewis	48866.4	0.0385
Benning	57814.9	0.0456	Mc Clellan	15311.5	0.0121
Bliss	62738.0	0.0495	Meade	36137.1	0.0285
Bragg	78211.5	0.0617	Monmouth	12262.5	0.0097
Campbell	48270.2	0.0381	Ord	35322.1	0.0279
Canal Zone	27291.8	0.0215	Polk	27989.1	0.0221
Carson	35093.9	0.0277	Presidio	17668.9	0.0139
Devens	19816.7	0.0156	Redstone	13788.2	0.0109
Dix	26004.0	0.0205	Riley	42999.0	0.0339
Eustis	25152.5	0.0198	Rucker	23739.6	0.0187
Fitzsimons	10365.3	0.0082	Sam Houston	26527.8	0.0209
Gordon	60608.2	0.0478	Sheridan	3029.5	0.0024
Hood	78044.7	0.0616	Sill	49684.3	0.0392
Huachuca	27589.2	0.0218	Stewart	33479.0	0.0264
Jackson	48005.6	0.0379	Hawaii	34041.6	0.0268
Knox	57185.5	0.0451	Walter Reed	43078.6	0.0340
Leavenworth	18084.2	0.0143	West Point	12064.9	0.0095
Lee	19950.2	0.0157	HSC TOTAL	1267861.2	

HSC EXAM PROFILE BY DENTAC

	<u>MAY</u>	<u>APR</u>	<u>MAR</u>	<u>FEB</u>	<u>NOV</u>	<u>OCT</u>
Alaska	0.89	0.87	0.98	0.97	0.73	1.23
Belvoir	0.56	0.55	0.58	0.66	0.52	0.53
Benning	0.83	0.77	0.81	0.92	0.81	0.75
Bliss	1.01	1.15	1.08	1.08	0.78	0.84
Bragg	0.80	0.75	0.79	0.95	0.83	0.80
Campbell	0.59	0.71	0.65	0.63	0.65	0.67
Canal Zone	0.67	0.65	0.78	0.95	0.89	0.68
Carson	0.66	0.58	0.50	0.40	0.66	0.71
Devens	0.58	0.54	0.57	0.60	0.64	0.61
Dix	1.61	1.53	1.65	1.78	0.99	0.90
Eustis	0.79	0.82	0.77	0.87	0.77	0.67
Fitzsimons	0.67	0.60	0.56	0.57	0.54	0.61
Gordon	0.70	0.72	0.80	0.61	0.70	0.78
Hood	0.79	0.83	0.80	0.82	0.82	0.88
Huachuca	0.68	0.74	0.72	0.86	0.72	0.69
Jackson	0.64	0.77	0.78	0.76	0.76	0.40
Knox	0.92	0.83	0.87	0.92	0.84	0.79
Leavenworth	0.43	0.41	0.45	0.40	0.50	0.54
Lee	0.72	0.72	0.75	0.74	0.72	0.72
Leonard Wood	1.00	1.19	1.32	1.11	0.85	0.70
Lewis	0.87	0.78	0.88	0.97	0.99	0.95
McClellan	0.75	0.70	0.84	0.87	0.99	0.97
Meade	0.77	0.75	0.90	0.89	0.89	0.96
Monmouth	0.55	0.57	0.48	0.62	0.74	0.54

HSG EXAM PROFILE BY DENTAC

Con't	<u>MAY</u>	<u>APR</u>	<u>MAR</u>	<u>FEB</u>	<u>NOV</u>	<u>OCT</u>
Ord	0.66	0.67	0.63	0.70	0.93	0.92
Polk	0.66	0.64	0.62	0.58	0.65	0.68
Presidio of SF	0.74	0.63	0.69	0.73	0.58	0.87
Redstone	1.13	1.03	1.13	1.12	1.01	0.94
Riley	0.90	0.81	0.80	0.87	0.91	0.84
Rucker	0.67	0.64	0.69	0.69	0.61	0.51
Sam Houston	1.08	0.99	1.05	0.84	0.71	0.86
Sheridan	0.44	0.63	0.51	0.50	0.38	0.48
Sill	0.76	0.68	0.80	0.81	0.64	0.75
Stewart	0.91	0.65	0.77	0.81	0.68	0.59
Hawaii	0.74	0.77	0.77	0.71	0.88	0.84
Walter Reed	1.04	0.98	0.79	1.01	0.84	0.87
West Point	0.80	0.42	0.48	0.48	0.43	0.40
HSC Average	0.79	0.77	0.80	0.77	0.78	0.76

The above is a list of exam ratios. The ratio was obtained by totaling examinations (00120, 00130, 00133, 00140) and dividing that sum by the total patients treated.

PROFILE BY FREQUENCY OF USE
FOR TOP 100 PROCEDURES REPORTED

MAY 1980

	<u>RAW</u>		<u>CTV's</u>
1 to 10	1,076,594 (64%)		600,882.7 (47%)
11 to 20	278,154 (17%) 1,354,748 (88%)		225,327.9 (18%) 826,210.6 (65%)
21 to 25	79,732 (05%) 1,434,480 (85%)		60,736.9 (05%) 886,947.5 (70%)
26 to 50	163,135 (10%) 1,597,615 (95%)		192,220.8 (15%) 1,079,168.3 (85%)
51 to 75	45,141 (03%) 1,642,756 (98%)		88,559.6 (07%) 1,167,727.9 (92%)
76 to 100	20,650 (01%) 1,663,406 (99%)		37,112.9 (03%) 1,204,840.8 (95%)
TOTAL HSC 1-293	1,683,541		1,267,861.2

FREQUENCY OF USE PROFILE
RESTRICTED HARD PROCEDURES

MAY 1980

	<u>UNWEIGHTED</u>	<u>WEIGHTED</u>
1 to 10	134,504 (08%)	186,874.7 (15%)
11 to 25	149,111 (03%)	253,132.5 (20%)
26 to 51	153,207 (09%)	275,030.2 (22%)

WEIGHTED HEALTH SERVICE COMMAND PROCEDURE PROFILE

MAY 1980

PERCENT OF RELATIVE FREQUENCY

		OCT	NOV	FEB	MAR	APR	MAY
I	DIAGNOSTIC	17	17	17	17	16	16
II	PREVENTIVE	16	17	17	18	17	18
III	RESTORATIVE	18	18	18	18	17	17
IV	ENDODONTICS	3	2	3	3	3	2
V	PERIODONTICS	4	4	4	5	5	4
VI	R. PROSTHODONTICS	2	2	2	2	2	3
VII	F. PROSTHODONTICS	4	4	5	4	5	5
VIII	ORAL SURGERY	4	4	4	4	4	4
IX	ORTHODONTICS	1	1	1	1	1	1
X	ADJUNCTIVE SERVICES	31	30	29	28	29	28

DENTAC SUMMARY

	<u>TOTAL PROC</u>	<u>TOTAL WWU</u>	<u>WTD TO RAW PROC RATIO</u>	<u>WTD PROC PT TRTD</u>	<u>RAW PROC PT TRTD</u>
Alaska	42319	29683.1	1.43	5.90	8.40
Belvoir	21335	16668.8	1.28	3.86	4.94
Benning	75247	57814.9	1.30	5.72	7.44
Bliss	83391	62738.0	1.33	5.35	7.12
Bragg	106915	78211.5	1.37	5.28	7.22
Campbell	68697	48270.2	1.42	4.57	6.50
Canal Zone	37243	27291.8	1.36	5.08	6.93
Carson	45609	35093.9	1.30	5.18	6.73
Davens	27054	19816.7	1.37	4.58	6.26
Dix	36588	26004.0	1.41	8.61	12.12
Eustis	33186	25152.5	1.32	5.55	7.32
Fitzsimons	12312	10365.3	1.19	4.55	5.41
Gordon	78262	60608.2	1.29	5.23	6.75
Hood	102405	78044.7	1.31	4.79	6.28
Huachuca	36246	27589.2	1.31	5.19	6.81
Jackson	64164	48005.6	1.34	4.84	6.47
Knox	78061	57185.5	1.37	4.84	6.60
Leavenworth	22303	18084.2	1.23	4.44	5.48
Lee	26119	19950.2	1.31	4.89	6.41
Leonard Wood	62675	45292.8	1.38	4.67	6.46
Lewis	66155	48866.4	1.35	6.00	8.13
Mc Clellan	20283	15311.5	1.32	4.47	5.92
Meade	49169	36137.1	1.36	4.70	6.39
Monmouth	14345	12262.5	1.17	6.14	7.19
Ord	46891	35322.1	1.33	5.22	6.93
Polk	37910	27989.1	1.35	4.26	5.77
Presidio of SF	21671	17668.9	1.23	5.38	6.60
Redstone	16545	13788.2	1.20	7.57	9.09
Riley	56183	42999.0	1.31	5.11	6.67
Rucker	32736	23739.6	1.38	4.83	6.66
Sam Houston	30778	26527.8	1.16	6.66	7.73
Sheridan	3859	3029.5	1.27	3.88	4.94
Sill	69764	49684.3	1.40	4.86	6.82
Stewart	42794	33479.0	1.28	4.82	6.16
Hawaii	45770	34041.6	1.34	5.03	6.83
Walter Reed	53392	43078.6	1.24	5.84	7.23
West Point	15165	12064.9	1.26	4.92	6.19
HSC Total	1683541	1267861.2	1.33	5.13	6.81

Alaska

Belvoir

Bennings

B11gg

Brageg

Campbell

Canal Zone

Cargo

Devene

Dix

Figure 9

Estimations

Gordon

100

Huachucas

23 - 091 - 456 123 709, 456 412 705, 345, 1612, 678, 345, 981, 678, 234, 981, 678, 10, 45

Jackson

Knox

Leavenworth

Lee

Leonard Wood

Lewis

McClellan

Meade

Monmouth

Ord

Polk

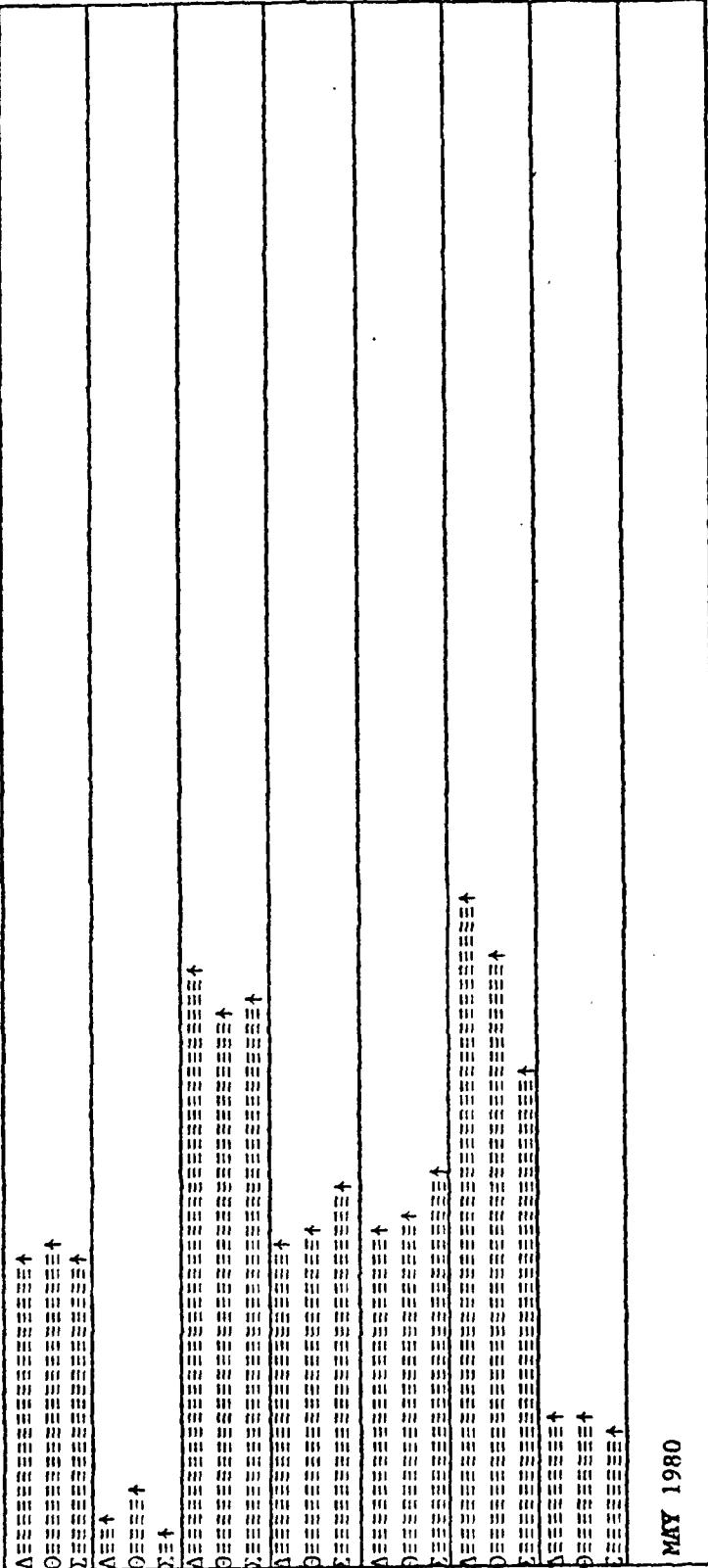
Presidio

Redstone

Riley

Rucker

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SYMBOL

- △ TOTAL DENTISTS ASSIGNED BY DENTAC
- TOTAL DENTAL PERSONNEL BY DENTAC
- TOTAL CTV'S BY DENTAC

TITLE

PROPORTION OF HEALTH SERVICE COMMAND BY PERCENTAGE

APPENDIX E

Revised Monthly Analysis (Oct 80)

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

OCTOBER 1980

TOTAL DENTISTS ASSIGNED BY DENTAC

	<u>DC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	27	1167	0.0231	Leonard Wood	36	1167	0.0308
Belvoir	13		0.0111	Lewis	39		0.0334
Benning	54		0.0463	Mc Clellan	19		0.0163
Bliss	53		0.0454	Meade	29		0.0249
Bragg	67		0.0574	Monmouth	10		0.0086
Campbell	40		0.0343	Ord	37		0.0317
Panama	29		0.0249	Polk	30		0.0257
Carson	30		0.0257	Presidio	19		0.0163
Devens	12		0.0103	Redstone	12		0.0103
Dix	18		0.0154	Riley	35		0.0300
Eustis	20		0.0171	Rucker	21		0.0180
Fitzsimons	09		0.0077	Sam Houston	29		0.0249
Gordon	53		0.0454	Sheridan	05		0.0043
Hood	87		0.0746	Sill	45		0.0386
Huachuca	26		0.0223	Stewart	31		0.0266
Jackson	35		0.0300	Hawaii	28		0.0240
Knox	73		0.0626	Walter Reed	51		0.0437
Leavenworth	16		0.0137	West Point	12		0.0103
Lee	15		0.0129	Irwin	02		0.0017

TOTAL DENTAL PERSONNEL BY DENTAC

	<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	77	4352	0.0177	Leonard Wood	150	4352	0.0345
Belvoir	60		0.0138	Lewis	154		0.0354
Benning	216		0.0496	Mc Clellan	66		0.0152
Bliss	188		0.0432	Meade	131		0.0301
Bragg	264		0.0607	Monmouth	38		0.0087
Campbell	144		0.0331	Ord	140		0.0322
Panama	111		0.0255	Polk	112		0.0257
Carson	129		0.0296	Presidio	73		0.0168
Devens	56		0.0129	Redstone	39		0.0090
Dix	80		0.0184	Riley	137		0.0315
Eustis	65		0.0149	Rucker	84		0.0193
Fitzsimons	37		0.0085	Sam Houston	110		0.0253
Gordon	184		0.0423	Sheridan	18		0.0041
Hood	281		0.0646	Sill	155		0.0356
Huachuca	96		0.0221	Stewart	106		0.0244
Jackson	125		0.0287	Hawaii	104		0.0239
Knox	242		0.0556	Walter Reed	190		0.0437
Leavenworth	69		0.0159	West Point	45		0.0103
Lee	70		0.0161	Irwin	06		0.0014

TOTAL CTV'S BY DENTAC

	<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>PROPORTION OF HSC TOTAL</u>
Alaska	28136.2	0.0215	Leonard Wood	48084.8	0.0368
Belvoir	15613.2	0.0120	Lewis	52539.9	0.0403
Benning	53185.6	0.0407	Mc Clellan	17750.5	0.0136
Bliss	61792.1	0.0473	Meade	36283.6	0.0278
Bragg	76159.3	0.0583	Monmouth	9469.8	0.0073
Campbell	45851.5	0.0351	Ord	40970.4	0.0314
Panama	24488.3	0.0187	Polk	32963.4	0.0252
Carson	41158.6	0.0315	Presidio	16676.0	0.0128
Devens	15004.9	0.0115	Redstone	12338.6	0.0094
Dix	21262.2	0.0163	Riley	37635.8	0.0288
Eustis	26456.2	0.0203	Rucker	23873.4	0.0183
Fitzsimons	7617.7	0.0058	Sam Houston	27130.2	0.0208
Gordon	74422.9	0.0570	Sheridan	10504.1	0.0080
Hood	91644.8	0.0702	Sill	45781.8	0.0351
Huachuca	29574.7	0.0226	Stewart	37307.8	0.0286
Jackson	42683.2	0.0327	Hawaii	30084.9	0.0230
Knox	74824.4	0.0573	Walter Reed	45708.6	0.0350
Leavenworth	16920.1	0.0130	West Point	12598.5	0.0096
Lee	21337.7	0.0163	Irwin	230.5	0.0002

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Alaska	Δ
Belvoir	Ω
Benning	Σ
Bliss	Δ
Bragg	Ω
Campbell	Σ
Panama	Δ
Carson	Ω
Devens	Σ
Dix	Δ
Eustis	Ω
Fitzsimons	Σ
Gordon	Δ
Hood	Ω
Illachuca	Σ

01234567891123456789212345678931234567894123456789512345678961234567897123456789812345678991234567891012345

Jackson

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166

• 100

Lewis

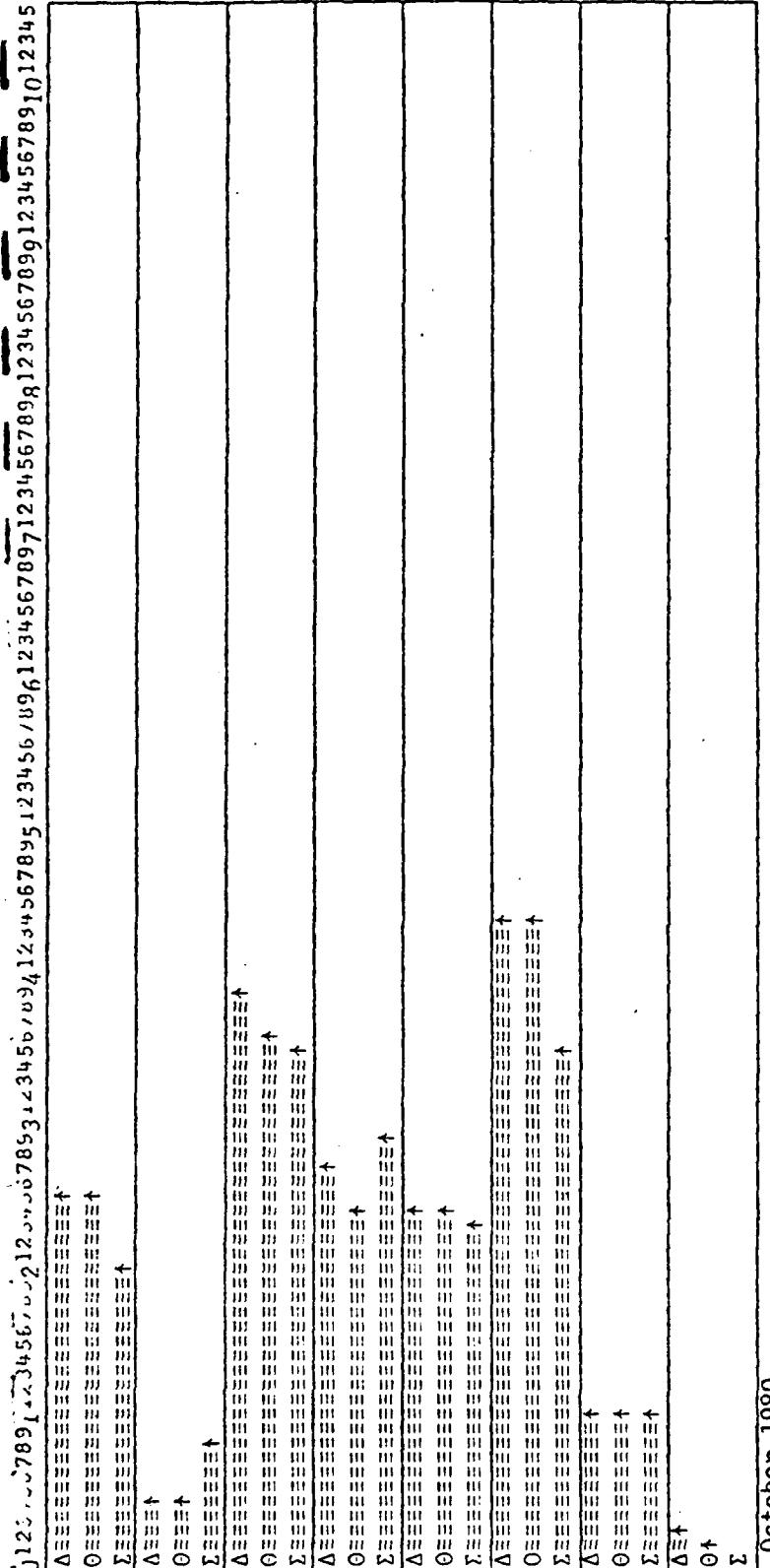
Mcade

۱۰۳

Presidio

Redstone

ucker



SYMBOL

- Δ Total dentists assigned by DENTAC (first line)
- Θ Total dental personnel by DENTAC (second line)
- Σ Total weighted work units by DENTAC (third line)

TITLE

Proportion of Health Service Command by percentage

SYSTEM: 1 to 15 = 10: 16 to 25 = 20: 26 to 35 = 30; or 1.57 = 1.60

October 1980

RATIO OF ANCILLARY PERSONNEL

TO DENTISTS ASSIGNED

	<u>RATIO</u>		<u>RATIO</u>
Alaska	1.85	Leonard Wood	3.17
Belvoir	3.62	Lewis	2.95
Benning	3.00	Mc Clellan	2.47
Bliss	2.55	Meade	3.52
Bragg	2.94	Monmouth	2.80
Campbell	2.60	Ord	2.78
Panama	2.83	Polk	2.73
Carson	3.30	Presidio	2.84
Devens	3.67	Redstone	2.25
Dix	3.44	Riley	2.91
Eustis	2.25	Rucker	3.00
Fitzsimons	3.11	Sam Houston	2.79
Gordon	2.47	Sheridan	2.60
Hood	2.22	Sill	2.44
Huachuca	2.69	Stewart	2.42
Jackson	2.57	Hawaii	2.71
Knox	2.32	Walter Reed	2.73
Leavenworth	3.31	West Point	2.75
Lee	3.67	Irwin	2.00

FORMULA: Total assigned minus dentists assigned by summary = RATIO

HSC EXAM PROFILE BY DENTAC

	<u>OCT</u>	<u>SEP</u>	<u>AUG</u>	<u>JUL</u>		<u>OCT</u>	<u>SEP</u>	<u>AUG</u>	<u>JUL</u>
Alaska	1.25	1.21	1.23	1.06	Leonard Wood	1.18	1.23	0.98	1.08
Belvoir	0.52	0.58	0.93	0.51	Lewis	0.95	0.89	0.85	1.02
Benning	0.85	0.87	0.94	0.73	Mc Clellan	0.90	0.95	1.12	1.18
Bliss	1.03	1.12	1.09	1.10	Meade	0.89	0.66	0.93	0.73
Bragg	0.82	0.75	1.04	0.81	Monmouth	0.41	0.25	0.73	0.70
Campbell	0.58	0.62	0.67	0.59	Ord	0.65	0.72	0.66	0.67
Panama	0.70	0.74	0.78	0.79	Polk	0.72	0.75	0.65	0.70
Carson	0.61	0.63	0.59	0.59	Presidio	0.61	0.57	0.56	0.56
Devens	0.59	0.56	0.63	0.54	Redstone	1.01	1.00	1.04	1.16
Dix	1.46	1.99	1.27	2.92	Riley	0.89	0.88	0.90	1.11
Eustis	0.89	0.83	0.83	0.81	Rucker	0.71	0.85	0.67	0.70
Fitzsimons	0.71	0.78	0.72	0.80	Sam Houston	0.93	0.91	1.11	1.08
Gordon	0.76	0.75	0.78	0.72	Sheridan	0.75	0.83	0.83	0.75
Hood	0.81	0.89	0.82	0.83	Sill	0.91	0.78	0.75	0.78
Huachuca	0.76	0.80	0.77	0.80	Stewart	0.89	0.81	0.93	0.82
Jackson	0.73	0.76	0.41	0.87	Hawaii	0.80	0.81	0.75	0.75
Knox	1.13	1.05	0.91	0.90	Walter Reed	1.00	0.94	0.85	1.01
Leavenworth	0.35	0.44	0.46	0.44	West Point	0.52	0.37	0.61	0.39
Lee	0.61	0.68	0.65	0.64	Irwin	0.74			
					HSC Average	0.84	0.84	0.82	0.83

The above is a list of exam ratios. The ratio was obtained by totaling examinations (00120, 00130, 00133, & 00140) and dividing that sum by the total patients treated.

DENTAC SUMMARY

	<u>TOTAL PROC</u>	<u>TOTAL WWU</u>	<u>RAW TO WTD PROC RATIO</u>	<u>WTD PROC PT TRTD</u>	<u>RAW PROC PT TRTD</u>
Alaska	39014	28136.2	1.39	6.64	9.20
Belvoir	20422	15613.2	1.31	4.46	5.84
Benning	76196	53185.6	1.43	5.08	7.27
Bliss	84744	61792.1	1.37	5.11	7.01
Bragg	105121	96159.3	1.38	5.04	6.96
Campbell	67659	45851.5	1.48	4.38	6.46
Panama	34654	24488.3	1.42	5.36	7.59
Carson	53477	41158.6	1.30	5.11	6.64
Devens	20056	15004.9	1.34	4.69	6.27
Dix	29419	21262.2	1.38	7.14	9.88
Eustis	35049	26456.2	1.32	5.80	7.68
Fitzsimons	9418	7617.7	1.24	4.36	5.39
Gordon	94959	74422.9	1.28	5.35	6.82
Hood	124654	91644.8	1.36	4.92	6.69
Mt. Huachuca	40654	29574.7	1.37	4.86	6.68
Jackson	60967	42683.2	1.43	4.91	7.01
Knox	104409	74824.4	1.40	5.10	7.12
Leavenworth	21793	16920.1	1.29	4.02	5.18
Lee	28363	21337.7	1.33	4.62	6.15
Leonard Wood	71598	48084.8	1.49	4.38	6.52
Lewis	70482	52539.9	1.34	6.28	8.43
McClellan	24604	17750.5	1.39	4.43	6.14
Meade	48644	36283.6	1.34	5.41	7.26
Monmouth	11763	9468.8	1.24	4.43	5.50

DENTAC SUMMARY

Con't

	<u>TOTAL PROC</u>	<u>TOTAL WWU</u>	<u>RAW TO WTD PROC RATIO</u>	<u>WTD PROC PT TRTD</u>	<u>RAW PROC PT TRTD</u>
Ord	54318	40970.4	1.33	5.35	7.10
Polk	45263	32963.4	1.37	4.52	6.21
Presidio	21478	16676.0	1.29	4.36	5.62
Redstone	16105	12338.6	1.31	6.71	8.76
Riley	51925	37635.8	1.38	4.71	6.50
Rucker	32904	23873.4	1.38	5.33	7.35
Sam Houston	33364	27130.2	1.23	5.81	7.15
Sheridan	13203	10404.1	1.26	4.16	5.23
Sill	66644	45781.8	1.46	4.94	7.20
Stewart	46872	37307.8	1.26	4.56	5.73
Hawaii	40564	30084.9	1.35	4.85	6.54
Valter Reed	56036	45708.6	1.23	6.00	7.35
West Point	15559	12598.5	1.24	4.60	5.69
Irwin	350	230.5	1.52	2.61	3.98
ASC Average	1772706	1306066.2	1.36	5.06	6.86

WEIGHTED HEALTH SERVICE COMMAND PROCEDURE PROFILE

PERCENT OF RELATIVE FREQUENCY

		MILITARY	DEPENDENTS	ALL OTHER	TOTAL WEIGHTED
I	DIAGNOSTIC	62	26	12	17
II	PREVENTIVE *	63	27	10	19
III	RESTORATIVE	63	27	09	18
IV	ENDODONTICS	65	24	11	03
V	PERIODONTICS	57	21	22	04
VI	REM. PROS.	37	23	41	02
VII	FIXED PROS.	67	21	12	04
VIII	ORAL SURGERY	65	25	10	04
IX	ORTHODONTICS	13	86	01	01
X	ADJ. SERVICES	60	28	12	29
	TOTAL	61	27	12	

* Includes No. 04342 Periodontal Scaling.

PROFILE BY FREQUENCY OF USE
FOR TOP 100 PROCEDURES REPORTED

	<u>RAW</u>		<u>CTV'S</u>
1 to 10	1,143,622 (65%)		643,639.3 (49%)
11 to 20	297,583 (17%) 1,441,205 (81%)		229,930.8 (18%) 873,570.1 (67%)
21 to 25	80,397 (05%) 1,521,602 (89%)		64,744.9 (05%) 938,315.0 (72%)
26 to 50	168,974 (10%) 1,690,576 (95%)		195,000.5 (15%) 1,133,315.5 (87%)
51 to 75	42,742 (02%) 1,733,318 (98%)		74,307.0 (06%) 1,207,622.5 (92%)
76 to 100	19,181 (01%) 1,752,499 (99%)		36,883.3 (03%) 1,244,505.8 (95%)
Total HSC	1,772,706		1,306,066.2

FREQUENCY OF USE PROFILE
RESTRICTED HARD PROCEDURES

	<u>RAW</u>	<u>CTV'S</u>
1 to 10	139,290 (08%)	195,307.7 (15%)
11 to 25	152,222 (09%)	246,016.0 (19%)
26 to 52	156,134 (09%)	270,925.8 (21%)

APPENDIX F

Quarterly Analyses (FY 80)

UNIFORM CHART OF ACCOUNTS
DENTAL REPORTING SYSTEM ANALYSIS

1ST QTR FY 80

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>
1. 00330	Panoramic Film	96678	20.00 1,933,560.00
2. 01110	Adult Prophylaxis	90640	17.00 1,540,880.00
3. 02150	Amalgam - Two Surface	69123	22.00 1,520,706.00
4. 00120	Oral Exam (annual or periodic)	215521	7.00 1,508,647.00
5. 02140	Amalgam - One Surface	102734	14.00 1,438,276.00
6. 07130	Tooth Removal, Impacted	15395	75.00 1,154,625.00
7. 00220	Intraoral Film	421555	2.50 1,053,887.50
8. 06750	Porcelain Fused to Metal	4229	230.00 972,670.00
9. 02160	Amalgam - Three Surface	27705	29.00 803,445.00
10. 01240	Topical Application	77745	10.00 777,450.00
			12,704,146.50
11. 07110	Tooth Removal	50198	15.00 752,970.00
12. 02320	Resin, Simple	36216	18.00 651,888.00
13. 04343	Periodontal Scaling & Root Planing	33454	19.00 635,626.00
14. 06240	Porcelain Fused to Metal	2734	230.00 628,820.00
15. 06130	Porcelain Fused to Metal	2480	230.00 570,400.00
16. 06790	Complete Crown Metal	2866	190.00 544,540.00
17. 00210	Intraoral Series	19544	27.00 527,688.00
18. 04210	Gingivectomy/Gingivoplasty	4877	107.00 521,839.00
19. 05110	Maxillary Full Denture	1520	320.00 486,400.00
20. 02161	Amalgam - Four or more Surface	12738	37.00 471,306.00
			5,791,477.00
			18,495,623.50
21. 04331	Occlusal Adjustment, Complete	5418	85.00 460,530.00
22. 02336	Resin, Complex	17298	26.00 449,748.00
23. 03311	Anterior - One Canal Filled	3129	115.00 359,835.00
24. 07310	Alveoloplasty with Extractions	7036	50.00 351,800.00
25. 03333	Molar - Three Canals Filled	1798	190.00 341,620.00
			1,963,533.00
			20,459,156.50
26. 07120	Tooth Removal, Complicated	13136	26.00 341,536.00
27. 06160	Complete Crown Metal	1652	185.00 305,620.00
28. 05206	Cast Metal Mandibular Resin	936	320.00 299,520.00
29. 04260	Osseous Resective Surgery	1942	150.00 291,300.00
30. 07462	Removal of Non-Odontogenic Cyst/Tumor	667	400.00 266,800.00
31. 05120	Mandibular Full Denture	832	320.00 266,240.00
32. 05205	Cast Metal Maxillary Resin	817	320.00 261,440.00
33. 00140	Comprehensive Examination	32576	7.00 228,032.00
34. 07721	Mandibular Osteotomy	162	1,400.00 226,800.00
35. 05201	Resin Maxillary Partial Denture	1069	170.00 181,730.00
36. 07470	Removal of Exostoses	559	300.00 167,700.00
37. 01120	Child Prophylaxis	12146	13.00 157,898.00
38. 05203	Cast Metal Maxillary Partial Denture	485	320.00 155,200.00
39. 05204	Cast Metal Mandibular Partial Denture	480	320.00 153,600.00
40. 00250	Extraoral Film	6023	25.00 150,575.00
41. 06718	Dowel and Core Metal	2254	65.00 146,510.00
42. 02953	Pin Retention	17302	8.00 138,416.00
43. 03321	Premolar - One Canal Filled	877	145.00 127,165.00
44. 03334	Molar - Four or more Canals Filled	635	190.00 120,650.00
45. 04363	Other Periodontal Appliances	787	150.00 118,050.00
46. 05130	Immediate Maxillary Full Denture	345	320.00 110,400.00
47. 03322	Premolar - Two Canals Filled	728	145.00 105,560.00
48. 07520	Biopsy	2228	45.00 100,260.00
49. 04220	Gingival Curretage	7558	13.00 98,254.00
50. 06201	Cast Metal (Pontic)	531	185.00 98,235.00
			4,617,491.00
			25,076,647.50

1st QTR FY 80

			<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>
51.	07712	Maxillary Osteotomy, Segmental	122	800.00
52.	07722	Mandibular Osteotomy, Body	67	1,400.00
53.	07320	Alveoplasty	1741	50.00
54.	06150	Partial Veneer, Metal	464	180.00
55.	03220	Pulpotomy - Permanent	3298	25.00
56.	07711	Maxillary Osteotomy, Total	61	1,350.00
57.	04271	Free Soft Tissue Graft	406	195.00
58.	07640	Mandibular, Closed Reduction	168	450.00
59.	03332	Molar - Two Canals Filled	385	190.00
60.	05621	Partial Denture Repair	2514	27.00
61.	07530	Removal of Foreign Body	339	200.00
62.	06780	Partial Veneer, Metal	365	185.00
63.	05202	Resin Mandibular Partial Denture	396	170.00
64.	05710	Acrylic Resin (processed)	746	80.00
65.	05731	Reline Complete Maxillary (chairside)	1089	54.00
66.	04261	Osseous Graft	252	225.00
67.	02910	Recement Inlay, Crown or Fixed Partial	4516	12.00
68.	04272	Vestibuloplasty	255	195.00
69.	07815	Myofascial Pain Dysfunction	197	250.00
70.	07630	Mandible, Open Reduction	73	650.00
71.	03331	Molar - One Canal Filled	248	190.00
72.	09231	Intravenous Sedation or Analgesia	2457	18.00
73.	07811	Reduction of Dislocation	212	200.00
74.	07285	Bone Graft or Osseous Implant	43	950.00
75.	05611	Complete Denture Repair	1379	27.00
				1,612,845.00
				26,689,492.50
76.	05751	Reline Complete Maxillary (laboratory)	428	88.00
77.	07681	Other Fracture Reduction	50	750.00
78.	09233	Inhalation Sedation or Analgesia	2055	18.00
79.	07835	Mandibular Manipulation	354	100.00
80.	04321	Provisional Splint, Extracoronal	464	75.00
81.	03210	Pulpotomy - Deciduous	1308	24.00
82.	07680	Facial Bone Fracture	28	1,100.00
83.	07651	Zygomatic Complex Fracture	44	650.00
84.	05741	Reline Removable Partial Maxillary chairside	463	54.00
85.	04351	Root Desensitization	1630	15.00
86.	07350	Stomotoplasty	59	400.00
87.	03340	Deciduous Root Canal Filling	196	116.00
88.	08121	Space Maintainer, Complex Fixed	217	100.00
89.	06610	Replace Broken Facing	706	30.00
90.	04361	Occlusal Orthopedic Appliance	208	100.00
91.	09220	General Anesthesia	518	40.00
92.	08120	Space Maintainer, Simple Fixed	333	60.00
93.	05732	Reline Complete Mandibular (chairside)	360	54.00
94.	05752	Reline Complete Mandibular (laboratory)	216	88.00
95.	07755	Augmentation, Contouring, Reduction	24	650.00
96.	07150	Surgical Exposed Tooth	461	31.00
97.	04270	Pedicle Soft Tissue Graft	109	125.00
98.	06203	Porcelain (Pontic)	73	185.00
99.	07280	Skin or Mucosal Graft	12	1,100.00
100.	05742	Reline Removable Partial Mandibular chairside	244	54.00
				595,159.00
				27,284,651.50

			DENTAL UNIT	GENERAL FEE
101.	07610	Maxillary, Open Reduction	16	750.00
02.	03312	Anterior - Two or more Canals Filled	103	115.00
103.	07480	Partial Resection, Maxilla or Mandible	10	1,100.00
104.	05763	Rebase Complete Maxillary (laboratory)	118	88.00
05.	05140	Immediate Mandibular	32	320.00
06.	07340	Stomoplasty, Uncomplicated	51	200.00
107.	07560	Maxillary Sinusotomy	24	400.00
08.	07845	Temporomandibular Joint Surgery	37	250.00
09.	07405	Salivary Gland Surgery	30	300.00
110.	07432	Excision, Benign Tumor	174	50.00
111.	07960	Frenectomy	193	45.00
12.	03323	Premolar - Three or more Canals Filled	56	147.00
113.	04320	Provisional Splint, Intracoronal	45	150.00
114.	08220	Habit Breaker, Fixed	66	100.00
15.	06713	Acrylic Resin, Metal	31	200.00
116.	06760	Reverse Pin Facing and Metal	26	220.00
117.	06740	Porcelain Jacket Crown	27	195.00
18.	06204	Acrylic Veneered Pontic	25	200.00
119.	02542	Pin Ledge Restoration	24	178.00
120.	05814	Overdenture Immediate Maxillary	11	320.00
21.	07270	Oral-Antral Fistula or Comm. Repair	16	200.00
22.	06220	Slotted Facing or Pontic	17	175.00
123.	06140	Reverse Pin Facing and Metal	13	220.00
24.	05764	Rebase Complete Mandibular (laboratory)	30	88.00
25.	05220	With Amalgam Occlusal, Partial Denture	8	320.00
126.	05863	Overdenture Mandibular	8	320.00
127.	05761	Reline Removable Partial Maxillary (lab)	31	75.00
28.	05862	Ovendenture Maxillary	7	320.00
129.	05762	Reline Removable Partial Mandibular (lab)	27	75.00
130.	05210	With Metal Occlusal, Partial Denture	6	320.00
31.	05866	Overdenture Immediate Maxillary Rem PTR DTR	6	320.00
132.	05711	Maxillary Duplicate Denture	6	320.00
133.	06110	Acrylic Resin Veneered Crown	9	200.00
34.	05815	Overdenture Immediate Mandibular	4	320.00
35.	05864	Overdenture Partial Maxillary	4	320.00
136.	05765	Rebase, Removable Partial Maxillary (lab)	16	75.00
37.	02521	Inlay - Two Surface	8	128.00
38.	07880	Arthrocentesis, Arthrography, Injection	10	100.00
139.	05766	Rebase Removable Partial Mandibular (lab)	13	75.00
40.	02541	Onlay - Cusp Coverage	32	26.00
41.	05865	Overdenture Partial Mandibular	2	320.00
142.	05876	Overdenture Immediate Mandibular Rem PTR DTR	2	320.00
43.	02511	Inlay - One Surface	5	96.00
44.	05816	Overdenture Maxillary, Metal	1	320.00
145.	02531	Inlay - Three Surface	2	156.00
146.	07465	Destruction of Lesions	4	50.00
				203,231.00
				27,487,882.50

TABLE 1

FREQUENCY OF USE PROFILE FOR ALL REPORTED PROCEDURES
FIRST QUARTER, FY 80

<u>Health Services Command Dental Procedure and Services Report</u>		
Most Frequently Reported Procedures	Percent of Total Raw Procedures Reported	Percent of Total Weighted Procedures Reported
10	61 %	46 %
25	83 %	69 %
50	92 %	84 %
75	95 %	91 %
100	96 %	95 %
Total Used 308	100 %	100 %

TABLE 2

FREQUENCY OF USE PROFILE FOR REPORTED "HARD" PROCEDURES*

FIRST QUARTER FY 80

Health Services Command Dental Procedure and Services Report

Most Frequently Used "Hard" Procedures	Percent of Total Raw Procedures Reported	Percent of Total Weighted Procedures Reported
10	7.95%	14.59 %
20	8.79%	18.37 %
25	8.97%	19.38 %
54	9.25%	21.02 %
with addition of Scalings and Prophys	17.83%	31.02 %

*Hard Procedures identified in Appendix A by Frequency of Use

TABLE 3

Dollar Value* of "Hard" Procedures By
 Frequency of Use for 1st Qtr, FY 80
 US Army Health Services Command

Number of "Hard" Procedures	Dollar Value
10	\$ 8,612,593.87
20	13,280,485.64
30	15,958,981.89
54**	18,064,251.34
Plus Prophys	1,765,235.65
Total Value.	\$19,829,486.99

*Established using Mean Fees Report by the American Dental Association (JADA, Vol 97, Oct 78) plus inflation factor (15.4%); personal communication with Dr. Paul H. McFarland (Surg) and COL E. Valkavich (Perio).

**Original "Hard List" prior to incorporation of additional surgical procedures as suggested by Dr. McFarland.

TABLE 4

DOLLAR VALUE OF EXPANDED "HARD PROCEDURES"/*
1ST QTR 80 - HSC COMMAND SUMMARY

Dollar value of additional procedures*	\$ 2,046,275.00
Dollar value of 54 item hard procedure list	18,064,251.34
Dollar value of prophys	<u>1,765,235.65</u>
Total value of service	\$ 21,875,761.99

*Indicate procedures suggested by Dr. McFarland.

TABLE 5

DOLLAR VALUE FOR TOTAL PROCEDURES REPORTED* 1ST QTR
80 - HSC COMMAND SUMMARY

Dollar Value \$ 33,768,064.39

*Based on 168 procedures for which fees were derived.

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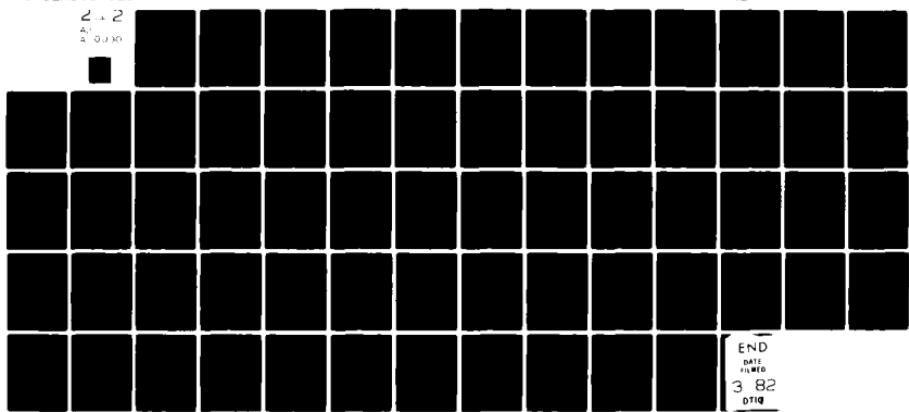
ACADEMY OF HEALTH SCIENCES (ARMY) FORT SAM HOUSTON TX--ETC F/G 6/5
EVALUATION OF CURRENTLY USED DENTAL MANAGEMENT INDICATORS AND D--ETC(U)

JUL 81 W A PARKER, A D MANGELSDORFF

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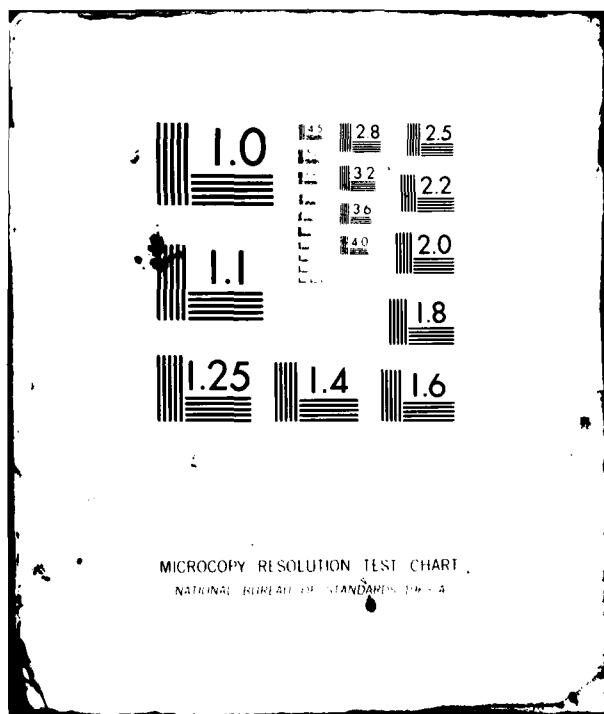


TABLE 6
PERCENT OF "HARD PROCEDURE" DOLLAR VALUE
BY CATEGORY OF CARE

	<u>Hard Procedure Original</u>	<u>Profile with Added Surgery</u>
Restorative	31%	27%
Endodontics	6%	5%
Periodontic	10%	9%
Prosthodontics, Removable	12%	10%
Prosthodontics, Fixed	19%	17%
Oral and Maxillofacial Surgery	23%	31%

TABLE 7

"HARD PROCEDURE" PROFILE BY CATEGORY OF PROCEDURES
USING VARIOUS INDICATOR SYSTEMS

	<u>Weighted Hard Procedures</u>	<u>Dollar Value (with added surg)</u>
Restorative	51%	31% (27%)
Endodontics	7%	6% (5%)
Periodontics	12%	10% (9%)
Prosthodontics, Removable	7%	12% (10%)
Prosthodontics, Fixed	12%	19% (17%)
Oral and Maxillofacial Surgery	11%	23% (31%)

Table G

Dollar Value Profile for Services Reported

<u>GROUP FREQ.</u>	<u>CUMULATIVE FREQ.</u>	<u>PERCENT OF TOTAL VALUE</u>
1 to 10 = 13,494,821.53 ✓	13,494,821.53 ✓	40%
11 to 20 = 6,697,879.06 ✓	20,192,700.59 ✓	60% 60%
21 to 25 = 2,433,696.55 ✓	22,626,397.14 ✓	67% 67%
26 to 50 = 6,937,005.29 ✓	29,563,402.43 ✓	89% 89%
51 to 75 = 2,432,629.41 ✓	31,996.031.84 ✓	95% 95%
76 to 100 = 1,129,523.37 ✓	33,829.555.21 ✓	98%
101 to 168 = 642,510.18	33,732,065.39	100%

Procedures ordered by frequency of use.

1-58 = 30,492,519.64 or 90% of Total Dollar Value

1-76 = ~~31,996,031.84~~ or 95% of Total Dollar Value

Table 9

<u>Dollar Value of Selected Care Categories</u>		
	<u>Dollar Value</u>	<u>Codes</u>
Restorative	5,459,433.44	2140,2150,2160 2161,2320,2336
Extractions	2,487,873.50	7110,7120,7130
Endodontics (Teeth Completed)	1,207,754.95	3311,3312,3321 3322,3323,3331 3332,3333,3334
Crowns	1,753,243.10	6750,6780,6790 6718
Bridges	1,678,742.94	6130,6150,6160 6201,6240
Removable Pros.	2,064,570.56	5110,5120,5130 5140,5201,5202 5203,5204,5205 5206
Periodonties	1,658,066.70	4210,4220,4260 4271,4343

TABLE 10

Cost Information
HSC 1st QTR, FY 80

Military Pay	\$ 12,111,000
Civilian Pay	6,163,000
Supplies	<u>1,249,400</u>
TOTAL	\$ 19,523,400

Table 11

Comparision of Dollar Values for various indicators of performance

	Dollar Value Per Patient Treated	Dollar Value Per Raw Procedure	Dollar Value Per WTD Procedure	Dollar Value Per Assigned DC	Dollar Value Per Assigned Pers
HSC	46.88	7.10	9.41	29,010.00	8,090.00
A	49.46	7.06	9.21	34,013.00	9,688.00
B	48.26	7.91	10.35	37,341.00	13,069.00

TOTAL CTV'S BY DENTAC

	<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOTAL</u>		<u>DENTAC</u>	<u>HSC</u>	<u>PROPORTION OF HSC TOT</u>
Alaska	91471.6	3588761.8	0.0255	Leonard Wood	148052.1	3588761.8	0.0413
Belvoir	53311.0		0.0149	Lewis	137231.5		0.0382
Benning	173645.8		0.0484	Mc Clellan	47010.6		0.0131
Bliss	128978.5		0.0359	Meade	103266.6		0.0288
Bragg	230195.1		0.0641	Monmouth	25898.2		0.0072
Campbell	141585.8		0.0395	Ord	136041.3		0.0379
Canal Zone	76397.9		0.0213	Polk	101262.2		0.0282
Carson	105093.0		0.0293	Presidio of SF	43316.5		0.0121
Devens	49931.3		0.0139	Redstone	40692.8		0.0113
Dix	86821.8		0.0242	Riley	117483.9		0.0327
Eustis	59804.1		0.0167	Rucker	60197.1		0.0168
Fitzsimons	26416.1		0.0074	Sam Houston	72422.1		0.0202
Gordon	182236.9		0.0508	Sheridan	11013.5		0.0031
Hood	219234.3		0.0611	Sill	140414.8		0.0391
Huachuca	81199.7		0.0226	Stewart	75674.6		0.0211
Jackson	108080.1		0.0301	Hawaii	101045.8		0.0282
Knox	147902.6		0.0412	Walter Reed	134808.0		0.0376
Leavenworth	47692.6		0.0133	West Point	30528.5		0.0085
Lee	52403.5		0.0146				

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEMS ANALYSIS

2ND QTR FY 1980

TOP 100 CTV's

2ND QTR FY 1980

		CUMULATIVE CTV's	PERCENT OF TOTAL CTV's
1 to 10	=	1,801,052.0	47
11 to 20	=	2,473,897.4	64
21 to 25	=	2,667,361.5	70
26 to 50	=	3,300,970.5	86
51 to 75	=	3,518,166.0	92
76 to 100	=	3,642,985.2	95
TOTAL CTV's		3,837,038.7	

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>
1. 00330	Panoramic Film	110217	20.00 2,204,340.00
2. 01110	Adult Prophylaxis	95718	17.00 1,627,206.00
3. 00120	Oral Exam (annual or periodic)	227430	7.00 1,592,010.00
4. 02150	Amalgam - Two Surface	72282	22.00 1,590,204.00
5. 02140	Amalgam - One Surface	106219	14.00 1,487,066.00
6. 07130	Tooth Removal, Impacted	16112	75.00 1,208,400.00
7. 00220	Intraoral Film	436891	2.50 1,092,227.50
8. 06750	Porcelain Fused to Metal	4096	230.00 942,080.00
9. 02160	Amalgam - Three Surface	30156	29.00 874,524.00
10. 04343	Periodontal Scaling & Root Planing	44761	19.00 850,459.00
			13,468,516.50
11. 01240	Topical Application	81485	10.00 814,850.00
12. 07110	Tooth Removal	53017	15.00 795,255.00
13. 06790	Complete Crown Metal	3225	190.00 612,750.00
14. 02320	Resin, Simple	33348	18.00 600,264.00
15. 06240	Porcelain Fused to Metal	2560	230.00 588,800.00
16. 06130	Porcelain Fused to Metal	2474	230.00 569,020.00
17. 00210	Intraoral Series	19014	27.00 513,378.00
18. 02161	Amalgam - Four or more Surface	13838	37.00 512,006.00
19. 05110	Maxillary Full Denture	1538	320.00 492,160.00
20. 04210	Gingivectomy/Gingivoplasty	4549	107.00 486,743.00
			5,985,226.00
			19,453,742.50
21. 02336	Resin, Complex	17968	26.00 467,168.00
22. 07310	Alveoloplasty with Extractions	8092	50.00 404,600.00
23. 03311	Anterior - One Canal Filled	3511	115.00 403,765.00
24. 03333	Molar - Three Canals Filled	2053	190.00 390,007.00
25. 07120	Tooth Removal, Complicated	14675	26.00 381,550.00
			2,047,090.00
			21,500,832.50
26. 04331	Occlusal Adjustment, Complete	4348	85.00 369,580.00
27. 05206	Cast Metal Mandibular Resin	1093	320.00 349,760.00
28. 07462	Removal of Non-Odontogenic Cyst/Tumor	869	400.00 347,600.00
29. 04260	Osseous Resective Surgery	2194	150.00 329,100.00
30. 07470	Removal of Exostoses	1074	300.00 322,200.00
31. 06160	Complete Crown Metal	1732	185.00 320,420.00
32. 05205	Cast Metal Maxillary Resin	896	320.00 286,720.00
33. 05120	Mandibular Full Denture	852	320.00 272,640.00
34. 00140	Comprehensive Examination	38885	7.00 272,195.00
35. 01120	Child Prophylaxis	14053	13.00 182,489.00
36. 05201	Resin Maxillary Partial Denture	1049	170.00 178,330.00
37. 00250	Extraoral Film	6755	25.00 168,875.00
38. 07721	Mandibular Osteotomy, Ramus	111	1,400.00 155,400.00
39. 05204	Cast Metal Mandibular Partial Denture	464	320.00 148,480.00
40. 06718	Dowel and Core Metal	2259	65.00 146,835.00
41. 03321	Premolar - One Canal Filled	970	145.00 140,650.00
42. 02953	Pin Retention	17538	8.00 140,304.00
43. 03334	Molar - Four or more Canals Filled	651	190.00 123,690.00
44. 04363	Other Periodontal Appliances	818	150.00 122,700.00
45. 05203	Cast Metal Maxillary Partial Denture	358	320.00 114,560.00
46. 03322	Premolar - Two Canals Filled	773	145.00 112,085.00
47. 07520	Biopsy	2395	45.00 107,775.00
48. 07320	Alveoloplasty	2155	50.00 107,750.00
49. 06201	Cast Metal (Pontic)	567	185.00 104,895.00
50. 06780	Partial Veneer, Metal	560	185.00 103,600.00
			5,028,833.00
			26,529,665.50

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>	
51.	05130 Immediate Maxillary Full Denture	318	320.00	101,760.00
52.	03220 Pulpotomy - Permanent	3900	25.00	97,500.00
53.	07722 Mandibular Osteotomy, Body	66	1,400.00	92,400.00
54.	04271 Free Soft Tissue Graft	472	195.00	92,040.00
55.	07712 Maxillary Osteotomy, Segmental	111	800.00	88,800.00
56.	04220 Gingival Curretage	6513	13.00	84,669.00
57.	07815 Myofascial Pain Dysfunction	328	250.00	82,000.00
58.	05621 Partial Denture Repair	2815	27.00	76,005.00
59.	03332 Molar - Two Canals Filled	381	190.00	72,390.00
60.	07530 Removal of Foreign Body	352	200.00	70,400.00
61.	05202 Resin Mandibular Partial Denture	398	170.00	67,660.00
62.	04261 Osseous Graft	283	225.00	63,675.00
63.	07711 Maxillary Osteotomy, Total	47	1,350.00	63,450.00
64.	05731 Reline Complete Maxillary (chairside)	1163	54.00	62,802.00
65.	02910 Recement Inlay, Crown or Fixed Partial DTR	5212	12.00	62,544.00
66.	06710 Acrylic Resin (processed)	752	80.00	60,160.00
67.	06150 Partial Veneer, Metal	325	180.00	58,500.00
68.	07835 Mandibular Manipulation	542	100.00	54,200.00
69.	03331 Molar - One Canal Filled	273	190.00	51,870.00
70.	07285 Bone Graft or Osseous Implant	54	950.00	51,300.00
71.	04272 Vestibuloplasty	246	195.00	47,970.00
72.	07640 Mandible, Closed Reduction	103	450.00	46,350.00
73.	04351 Root Desensitization	2889	15.00	43,335.00
74.	05611 Complete Denture Repair	1561	27.00	42,147.00
75.	09231 Intravenous Sedation or Analgesia	2174	18.00	39,132.00
				1,673,059.00
				28,202,724.50
76.	05751 Reline Complete Maxillary (laboratory)	441	88.00	38,808.00
77.	08121 Space Maintainer, Complex Fixed	386	100.00	38,600.00
78.	07681 Other Fracture Reduction	49	750.00	36,750.00
79.	09233 Inhalation Sedation or Analgesia	1937	18.00	34,866.00
80.	03210 Pulpotomy - Deciduous	1364	24.00	32,736.00
81.	04320 Provisional Splint, Intracoronal	212	150.00	31,800.00
82.	04361 Occlusal Orthopedic Appliance	293	100.00	29,300.00
83.	04321 Provisional Splint, Extracoronal	377	75.00	28,275.00
84.	08120 Space Maintainer, Simple Fixed	464	60.00	27,840.00
85.	07755 Augmentation, Contouring, Reduction	40	650.00	26,000.00
86.	07630 Mandible, Open Reduction	36	650.00	23,400.00
87.	07480 Partial Resection, Maxilla or Mandible	21	1,100.00	23,100.00
88.	05741 Reline Removable Partial Maxillary (chairside)	425	54.00	22,950.00
89.	07350 Stomatoplasty, Complicated	54	400.00	21,600.00
90.	07340 Stomatoplasty, Uncomplicated	105	200.00	21,000.00
91.	07281 Skin or Mucosal Graft	19	1,100.00	20,900.00
92.	07680 Facial Bone Fracture	18	1,100.00	19,800.00
93.	03340 Deciduous Root Canal Filling	165	116.00	19,140.00
94.	05732 Reline Complete Mandibular (chairside)	348	54.00	18,792.00
95.	06740 Porcelain Jacket Crown	96	195.00	18,720.00
96.	09220 General Anesthesia	456	40.00	18,240.00
97.	04270 Pedicle Soft Tissue Graft	143	125.00	17,875.00
98.	06610 Replace broken Facing	566	30.00	16,980.00
99.	05752 Reline Complete Mandibular (laboratory)	161	88.00	14,168.00
100.	07560 Maxillary Sinusotomy	35	400.00	14,000.00
				615,640.00
				28,818,364.50

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>	
101.	05140 Immediate Mandibular	43	320.00	13,760.00
102.	07651 Zygomatic Complex Fracture	21	650.00	13,650.00
103.	05742 Reline Removable Partial Mandibular (chairside)	238	54.00	12,852.00
104.	07610 Maxilla, Open Reduction	15	750.00	11,250.00
105.	07620 Maxilla, Closed Reduction	28	400.00	11,200.00
106.	07405 Salivary Gland Surgery	35	300.00	10,500.00
107.	05763 Rebase Complete Maxillary (laboratory)	118	88.00	10,384.00
108.	03312 Anterior - Two Canals Filled	86	115.00	9,890.00
109.	06760 Reverse Pin Facing and Metal	43	220.00	9,460.00
110.	03323 Premolar - Three or more Canals Filled	64	147.00	9,408.00
111.	07960 Frenectomy	207	45.00	9,315.00
112.	05814 Overdenture Immediate Maxillary	29	320.00	9,280.00
113.	04371 Root Amputation	80	100.00	8,000.00
114.	07432 Excision, Benign Tumor	128	50.00	6,400.00
115.	06713 Acrylic Resin, Metal	31	200.00	6,200.00
116.	07150 Surgical Exposed Tooth	192	31.00	5,952.00
117.	07270 Oral-Antral Fistula or Comm. Repair	23	200.00	4,600.00
118.	08220 Habit Breaker, Fixed	39	100.00	3,900.00
119.	05862 Overdenture, Maxillary	12	320.00	3,840.00
120.	05764 Rebase Complete Mandibular (laboratory)	43	88.00	3,784.00
121.	07811 Reduction of Dislocation	18	200.00	3,600.00
122.	05815 Overdenture Immediate Mandibular	10	320.00	3,200.00
123.	06110 Acrylic Resin, Metal	15	200.00	3,000.00
124.	07845 Temporomandibular Joint Surgery	11	250.00	2,750.00
125.	05867 Overdenture Immediate Mandibular Rem PTR DTR	8	320.00	2,560.00
126.	05762 Reline Removable Partial Mandibular (laboratory)	30	75.00	2,250.00
127.	05711 Maxillary Duplicate Denture	7	320.00	2,240.00
128.	05863 Overdenture Mandibular	6	320.00	1,920.00
129.	05864 Overdenture Partial Maxillary	6	320.00	1,920.00
130.	06203 Porcelain Pontic	10	190.00	1,900.00
131.	05765 Rebase Removable Partial Maxillary (laboratory)	25	75.00	1,875.00
132.	06204 Acrylic Veneered Pontic	9	200.00	1,800.00
133.	02521 Inlay - Two Surface	14	128.00	1,792.00
134.	02542 Pinledge Restoration	10	178.00	1,780.00
135.	05761 Reline Removable Partial Maxillary (laboratory)	22	75.00	1,650.00
136.	06140 Reverse Pin Facing and Metal	7	220.00	1,540.00
137.	07465 Destruction of Lesions	26	50.00	1,300.00
138.	05866 Overdenture Immediate Maxillary Rem PTR DTR	4	320.00	1,280.00
139.	05766 Reline Removable Partial Mandibular (lab)	14	75.00	1,050.00
140.	05865 Overdenture Partial Mandibular	3	320.00	960.00
141.	06220 Slotted Facing or Pontic	5	175.00	875.00
142.	05210 With Metal Occlusal, Partial Denture	2	320.00	640.00
143.	05220 With Amalgam Occlusal Partial Denture	2	320.00	640.00
144.	02541 Onlay - Cusp Coverage	16	26.00	416.00
145.	02511 Inlay - One Surface	1	96.00	96.00
			216,659.00	
			29,035.023.50	

RESTRICTED HARD PROCEDURES

2nd QTR FY80

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NO. USED</u>	<u>DOLLAR VALUE</u>
1. 02150	Amalgam - Two Surface	72282	22.00 1,590,204.00
2. 02140	Amalgam - One Surface	106219	14.00 1,487,066.00
3. 07130	Tooth Removal, Impacted	16112	75.00 1,208,400.00
4. 06750	Porcelain Fused to Metal	4096	230.00 942,080.00
5. 02160	Amalgam - Three Surface	30156	29.00 874,524.00
6. 04343	Periodontal Scaling & Root Planing	44761	19.00 850,459.00
7. 07110	Tooth Removal	53017	15.00 795,255.00
8. 06790	Complete Crown Metal	3225	190.00 612,750.00
9. 02320	Resin, Simple	33348	18.00 600,264.00
10. 06240	Porcelain Fused to Metal	2560	230.00 588,800.00
1. 06130	Porcelain Fused to Metal	2474	230.00 569,020.00
2. 02161	Amalgam - Four or more Surface	13838	39.00 512,006.00
13. 05110	Maxillary Full Denture	1538	320.00 492,160.00
'4. 04210	Gingivectomy/Gingivoplasty	4549	107.00 486,743.00
5. 02336	Resin, Complex	17968	26.00 467,168.00
16. 03311	Anterior - One Canal Filled	3511	115.00 403,765.00
17. 03333	Molar - Three Canals Filled	2053	190.00 390,007.00
8. 07120	Tooth Removal, Complicated	14675	26.00 381,550.00
19. 05206	Cast Metal Mandibular Resin	1093	320.00 349,760.00
20. 07462	Removal of Non-Odontogenic Cyst/Tumor	869	400.00 347,600.00
1. 04260	Osseous Resective Surgery	2194	150.00 329,100.00
-2. 07470	Removal of Exostoses	1074	300.00 322,200.00
23. 06160	Complete Crown Metal	1732	185.00 320,420.00
4. 05205	Cast Metal Maxillary Resin	896	320.00 286,720.00
5. 05120	Mandibular Full Denture	852	320.00 272,640.00
26. 05201	Resin Maxillary Partial Denture	1049	170.00 178,330.00
'7. 05204	Cast Metal Mandibular	464	320.00 148,480.00
3. 06718	Dowel and Core Metal	2259	65.00 146,835.00
29. 03321	Premolar - One Canal Filled	970	145.00 140,650.00
30. 03334	Molar - Four or more Canals Filled	651	190.00 123,690.00
1. 05203	Cast Metal Maxillary	358	320.00 114,560.00
32. 03322	Premolar - Two Canals Filled	773	145.00 112,085.00
33. 07520	Biopsy	2395	45.00 107,775.00
+ 07320	Alveoloplasty	2155	50.00 107,750.00
5. 06780	Partial Veneer, Metal	560	185.00 103,600.00
36. 05130	Immediate Maxillary Full Denture	318	320.00 101,760.00
'7. 04271	Free Soft Tissue Graft	472	195.00 92,040.00
3. 04220	Gingival Curretage	6513	13.00 84,669.00
39. 03332	Molar - Two Canals Filled	381	190.00 72,390.00
40. 05202	Resin Mandibular Partial Denture	398	170.00 67,600.00
1. 04261	Osseous Graft	283	225.00 63,675.00
42. 06150	Partial Veneer, Metal	325	180.00 58,500.00
43. 03331	Molar - One Canal Filled	273	190.00 56,870.00
1. 04272	Vestibuloplasty	246	195.00 47,970.00
45. 07640	Mandible, Closed Reduction	103	450.00 46,350.00
46. 07630	Mandible, Open Reduction	36	650.00 23,400.00
4. 05140	Immediate Mandibular	43	320.00 13,700.00
4. 07610	Maxilla, Open Reduction	15	750.00 11,250.00
49. 03312	Anterior - Two Canals Filled	86	115.00 9,890.00
1. 03323	Premolar - Three or more Canals Filled	64	147.00 9,408.00
1. 07960	Frenectomy	207	45.00 9,315.00

17,528,323.00

1st QTR FY80

BY MG KUTTAS FEE SCALE

1	to	10	12,704,146.50
11	to	20	18,495,623.50
21	to	25	20,459,156.50
26	to	50	25,076,647.50
51	to	75	26,689,492.50
76	to	100	27,284,651.50
101	to	146	27,487,882.50

2nd QTR FY80

BY MG KUTTAS FEE SCALE

1	to	10	13,468,516.50
11	to	20	19,453,742.50
21	to	25	21,500,832.50
26	to	50	26,529,665.50
51	to	75	28,202,724.50
76	to	100	28,818,364.50
101	to	145	29,035,023.50

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

3RD QTR FY80

3rd QTR FY80

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>
1. 00330	Panoramic Film	104442	20.00 2,088,840.00
. 01110	Adult Prophylaxis	105095	17.00 1,786,615.00
3. 02150	Amalgam - Two Surface	74064	22.00 1,629,408.00
4. 00120	Oral Exam (Annual or Periodic)	231433	7.00 1,620,031.00
. 02140	Amalgam - One Surface	110784	14.00 1,550,976.00
v. 07130	Tooth Removal, Impacted	17119	75.00 1,283,925.00
7. 06750	Porcelain Fused to Metal	4972	230.00 1,143,560.00
. 00220	Intraoral Film	430641	2.50 1,076,602.50
.. 01240	Topical Application	89635	10.00 896,350.00
10. 02160	Amalgam - Three Surface	30237	29.00 876,873.00
			13,953,180.50
1. 07110	Tooth Removal	56327	15.00 844,905.00
12. 04343	Perio Scaling and Root Planing	41824	19.00 794,656.00
12. 06130	Porcelain Fused to Metal	3078	230.00 707,940.00
1. 06240	Porcelain Fused to Metal	2985	230.00 686,550.00
15. 06790	Complete Crown Metal	3567	190.00 677,730.00
16. 02320	Resin, Simple	33315	18.00 599,670.00
1. 02161	Amalgam - Four or more Surface	14368	37.00 531,616.00
10. 05110	Maxillary Full Denture	1643	320.00 525,760.00
19. 02336	Resin, Complex	19771	26.00 514,046.00
2. 05206	Cast Metal Mandibular Resin	1376	320.00 440,320.00
			6,323,193.00
			20,276,373.50
2. 04210	Gingivectomy/Gingivoplasty	4075	107.00 436,025.00
2. 07310	Alveoloplasty with Extractions	8649	50.00 432,450.00
23. 04331	Occlusal Adjustment, Complete	4610	85.00 391,850.00
24. 07120	Tooth Removal, Complicated	14856	26.00 386,256.00
2. 06160	Complete Crown Metal	2066	185.00 382,210.00
			2,028,791.00
			22,305,164.50
2. 03311	Anterior - One Canal Filled	3174	115.00 365,010.00
2. 07462	Removal of Non-Odontogenic Cyst/Tumor	910	400.00 364,000.00
28. 00210	Intraoral Film Series	13059	27.00 352,593.00
2. 05205	Cast Metal Maxillary Resin	1078	320.00 344,960.00
3. 04260	Osseous Resective Surgery	2286	150.00 342,900.00
31. 03333	Molar - Three Canals Filled	1792	190.00 340,480.00
3. 05120	Mandibular Full Denture	920	320.00 294,400.00
3. 07470	Removal of Exostoses	944	300.00 283,200.00
34. 00140	Comprehensive Exam	33843	7.00 236,901.00
3. 05201	Resin Maxillary Partial Denture	1053	170.00 179,010.00
3. 01120	Child Prophylaxis	13556	13.00 176,228.00
3. 07721	Mandibular Osteotomy	127	1,400.00 177,800.00
38. 00250	Extraoral Film	6734	25.00 168,350.00
3. 06718	Dowel and Core Metal	2312	65.00 150,280.00
40. 05204	Cast Metal Mandibular Partial Denture	434	320.00 138,880.00
41. 02953	Pin Retention	17256	8.00 138,048.00
4. 07712	Maxillary Osteotomy, Segmental	172	800.00 137,600.00
4. 07711	Maxillary Osteotomy, Body	99	1,350.00 133,650.00
44. 03321	Premolar - One Canal Filled	910	145.00 131,950.00
45. 05203	Cast Metal Maxillary Resin	394	320.00 126,080.00
46. 06201	Cast Metal (Pontic)	657	185.00 121,545.00
47. 03822	Premolar - Two Canals Filled	818	145.00 118,610.00
48. 07520	Biopsy	2626	45.00 118,170.00
49. 07815	Myofascial Pain Dysfunction	470	250.00 117,500.00
50. 05130	Immediate Maxillary Full Denture	360	320.00 115,200.00
			5,173,345.00
			27,478,509.50

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>	
51.	03334 Molar - Four or more Canals Filled	604	190.00	114,760.00
52.	04363 Other Periodontal Appliances	711	150.00	106,650.00
53.	03220 Pulpotomy - Permanent	3982	25.00	99,550.00
54.	06780 Partial Veneer, Metal	534	185.00	98,790.00
55.	07722 Mandibular Osteotomy, Body	70	1,400.00	98,000.00
56.	04220 Gingival Curretage	7340	13.00	95,420.00
57.	07320 Alveoloplasty	1859	50.00	92,950.00
58.	04271 Free Soft Tissue Graft	455	195.00	88,725.00
59.	05621 Partial Denture Repair	2854	27.00	77,058.00
60.	05202 Resin Mandibular	451	170.00	76,670.00
61.	05731 Reline Complete Maxillary Denture Chairside	1328	54.00	71,712.00
62.	02910 Recement Inlay, Crown, Fixed Partial Denture	5742	12.00	68,904.00
63.	06150 Partial Veneer, Metal	351	180.00	63,180.00
64.	03332 Molar - Two Canals Filled	310	190.00	58,900.00
65.	07640 Mandible, Closed Reduction	127	450.00	57,150.00
66.	06710 Acrylic Resin Processed	701	80.00	56,080.00
67.	04272 Vestibuloplasty	286	195.00	55,770.00
68.	03331 Molar - One Canal Filled	291	190.00	55,290.00
69.	07530 Removal of Foreign Body	269	200.00	53,800.00
70.	04261 Osseous Graft	231	225.00	51,975.00
71.	07835 Mandibular Manipulation	468	100.00	46,800.00
72.	08121 Space Maintainer, Complex Fixed	466	100.00	46,600.00
73.	05611 Complete Denture Repair	1719	27.00	46,413.00
74.	09231 Intravenous Sedation or Analgesia	2460	18.00	44,280.00
75.	07560 Maxillary Sinusotomy	110	400.00	44,000.00
				1,769,427.00
				29,247,936.50
76.	09233 Inhalation Sedation or Analgesia	2341	18.00	42,138.00
77.	03210 Pulpotomy Deciduous	1578	24.00	37,872.00
78.	05751 Reline Complete Maxillary Denture Laboratory	427	88.00	37,576.00
79.	05741 Reline Removable PTR Maxillary Chairside	550	54.00	29,700.00
80.	04351 Root Densensitization	1971	15.00	29,565.00
81.	03340 Deciduous Root Canal Filling	232	116.00	26,912.00
82.	08120 Space Maintainer, Simple Fixed	441	60.00	26,460.00
83.	07755 Augmentation, Contouring, Reduction	40	650.00	26,000.00
84.	07285 Bone Graft or Osseous Implant	27	950.00	25,650.00
85.	05732 Reline Complete Mandibular Denture Chairside	460	54.00	24,840.00
86.	07630 Mandible, Open Reduction	35	650.00	22,750.00
87.	07681 Other Fracture Reduction	30	750.00	22,500.00
88.	07280 Skin or Mucosal Graft	20	1,100.00	22,000.00
89.	07651 Zygomatic Complex Fracture	33	650.00	21,450.00
90.	05752 Reline Complete Mandibular Denture Laboratory	236	88.00	20,768.00
91.	04321 Provisional Splint, Extracoronal	264	75.00	19,800.00
92.	04361 Occlusal Orthopedic Appliance	181	100.00	18,100.00
93.	07680 Facial Bone Fracture	16	1,100.00	17,600.00
94.	07350 Stomatoplasty, Complicated	43	400.00	17,200.00
95.	09220 General Anesthesia	401	40.00	16,040.00
96.	06740 Porcelain Jacket Crown	79	195.00	15,405.00
97.	06610 Replace Broken Facing	509	30.00	15,270.00
98.	07610 Maxilla, Open Reduction	20	750.00	15,000.00
99.	05140 Immediate Mandibular Complete Denture	45	320.00	14,400.00
100.	04270 Pedicle Soft Tissue Graft	109	125.00	13,625.00
				578,621.00
				29,826,557.50

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>	
101. 05742	Reline Removable PTR Mandibular Chairside	249	54.00	13,446.00
102. 07960	Frenectomy	287	45.00	12,915.00
103. 03312	Anterior - Two or more Canals Filled	111	115.00	12,765.00
104. 07405	Salivary Gland Surgery	39	300.00	11,700.00
105. 04320	Provisional Splint, Intracoronal	76	150.00	11,400.00
106. 05763	Rebase Complete Maxillary Denture Laboratory	124	88.00	10,912.00
107. 07150	Surgical Exposed, Tooth	239	31.00	9,083.00
108. 07341	Stomatoplasty, Uncomplicated	45	200.00	9,000.00
109. 07480	Partial Resection, Maxillary/Mandibular	8	1,100.00	8,800.00
110. 07432	Excision, Benign Tumor	159	50.00	7,950.00
111. 07620	Maxilla, Closed Reduction	19	400.00	7,600.00
112. 03323	Molar - Two Canals Filled	49	147.00	7,203.00
113. 04371	Root Amputation	65	100.00	6,500.00
114. 06203	Porcelain Pontic	34	190.00	6,460.00
115. 06760	Reverse Pin Facing and Metal	28	220.00	6,160.00
116. 08120	Habit Breaker, Fixed	61	100.00	6,100.00
117. 06204	Acrylic Veneered Pontic	30	200.00	6,000.00
118. 05862	Overdenture, Maxillary	17	320.00	5,440.00
119. 07845	Temporomandibular Joint Surgery	20	250.00	5,000.00
120. 05863	Overdenture, Mandibular	15	320.00	4,800.00
121. 05711	Maxillary Duplicate Denture	14	320.00	4,480.00
122. 05814	Overdenture, Maxillary Immediate	13	320.00	4,160.00
123. 07270	O-A Fistula or Communication Repair	20	200.00	4,000.00
124. 06713	Acrylic Resin, Veneered Crown	41	200.00	2,800.00
125. 05764	Rebase Complete Mandibular Laboratory	30	88.00	2,640.00
126. 06140	Reverse Pin Facing and Metal	12	220.00	2,640.00
127. 06220	Slotted Facing or Pontic	14	175.00	2,450.00
128. 05210	Partial Denture, Cast Metal Occlusal	7	320.00	2,240.00
129. 07811	Reduction of Dislocation	11	200.00	2,200.00
130. 02531	Inlay - Three Surface	14	156.00	2,184.00
131. 06864	Overdenture, Partial, Maxillary	6	320.00	1,920.00
132. 05762	Reline Removable PTR Mandibular Laboratory	22	75.00	1,650.00
133. 05815	Overdenture, Maxillary Immediate	5	320.00	1,600.00
134. 05866	Overdenture, Maxillary Removable PTR Immediate	5	320.00	1,600.00
135. 06110	Acrylic Resin, Veneered Crown	7	200.00	1,400.00
136. 05765	Rebase Removable PTR Maxillary Laboratory	17	75.00	1,275.00
137. 02521	Inlay - Two Surface	9	128.00	1,152.00
138. 05761	Reline Removable PTR Maxillary Laboratory	14	75.00	1,050.00
139. 07880	Arthrocentesis, Arthrography, Injection	10	100.00	1,000.00
140. 05816	Overdenture, Maxillary, Metal	2	320.00	640.00
141. 07465	Destruction of Lesions	10	50.00	500.00
142. 05766	Rebase Removable PTR Mandibular Laboratory	6	75.00	450.00
143. 05220	Partial Denture with Amalgam Occlusal	1	320.00	320.00
144. 05865	Overdenture, Partial, Mandibular	1	320.00	320.00
145. 05857	Overdenture, Mandibular Removable PTR Immediate	1	320.00	320.00
146. 02541	Onlay Cusp Coverage	11	26.00	286.00
				214,511.00
				30,041,068.50

1st QTR FY80

1 to 10	12,704,146.50
11 to 20	18,495,623.50
21 to 25	20,459,156.50
26 to 50	25,076,647.50
51 to 75	26,689,492.50
76 to 100	27,284,651.50
101 to 146	27,487,882.50

2nd QTR FY80

1 to 10	13,468,516.50
11 to 20	19,453,742.50
21 to 25	21,500,832.50
26 to 50	26,529,665.50
51 to 75	28,202,724.50
76 to 100	28,818,364.50
101 to 145	29,035,023.50

3rd QTR FY80

1 to 10	13,953,180.50
11 to 20	20,276,373.50
21 to 25	22,305,164.50
26 to 50	27,478,509.50
51 to 75	29,247,936.50
76 to 100	29,826,557.50
101 to 146	30,041,068.50

RESTRICTED HARD PROCEDURES

3rd QTR FY80

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NUMBER USED</u>	<u>DOLLAR VALUE</u>
1.	02150 Amalgam - Two Surface	74064	22.00 1,629,408.00
2.	02140 Amalgam - One Surface	110784	14.00 1,550,976.00
3.	07130 Tooth Removal, Impacted	171119	75.00 1,283,925.00
4.	06750 Porcelain Fused to Metal	4972	230.00 1,143,560.00
5.	02160 Amalgam - Three Surface	30273	29.00 876,873.00
6.	07110 Tooth Removal	56327	15.00 844,905.00
7.	04343 Perio Scaling and Root Planing	41824	19.00 794,656.00
8.	06130 Porcelain Fused to Metal	3078	230.00 707,940.00
9.	06240 Porcelain Fused to Metal	2985	230.00 686,550.00
10.	06790 Complete Crown Metal	3567	190.00 677,730.00
11.	02320 Resin, Simple	33315	18.00 599,670.00
12.	02161 Amalgam - Four or more Surface	14368	37.00 531,616.00
13.	05110 Maxillary Full Denture	1643	320.00 525,760.00
14.	02336 Resin, Complex	19771	26.00 514,046.00
15.	05206 Cast Metal Mandibular Resin	1376	320.00 440,320.00
16.	04210 Gingivectomy/Gingivoplasty	4075	107.00 436,025.00
17.	07120 Tooth Removal, Complicated	14856	26.00 386,256.00
18.	06160 Complete Crown Metal	2066	185.00 382,210.00
19.	03311 Anterior - One Canal Filled	3174	115.00 365,010.00
20.	07462 Removal of Non-Odontogenic Cyst/Tumor	910	400.00 364,000.00
21.	05205 Cast Metal Maxillary Resin	1078	320.00 344,960.00
22.	04260 Osseous Resective Surgery	2286	150.00 342,900.00
23.	03333 Molar - Three Canals Filled	1792	190.00 340,480.00
24.	05120 Mandibular Full Denture	920	320.00 294,400.00
25.	07470 Removal of Exostoses	944	300.00 283,200.00
26.	05201 Resin Maxillary Partial Denture	1053	170.00 179,010.00
27.	06718 Dowel and Core Metal	2312	65.00 150,280.00
28.	05204 Cast Metal Mandibular	434	320.00 138,880.00
29.	03321 Premolar - One Canal Filled	910	145.00 131,950.00
30.	05203 Cast Metal Maxillary	394	320.00 126,080.00
31.	03322 Premolar - Two Canals Filled	818	145.00 118,610.00
32.	07520 Biopsy	2626	45.00 118,170.00
33.	05130 Immediate Maxillary Full Denture	360	320.00 115,200.00
34.	03334 Molar - Four or more Canals Filled	604	190.00 114,760.00
35.	06780 Partial Veneer, Metal	534	185.00 98,790.00
36.	04220 Gingival Curettage	7340	13.00 95,420.00
37.	07320 Alveoloplasty	1859	50.00 92,950.00
38.	04271 Free Soft Tissue Graft	455	195.00 88,725.00
39.	05202 Resin Mandibular	451	170.00 76,670.00
40.	06150 Partial Veneer, Metal	351	180.00 63,180.00
41.	03332 Molar - Two Canals Filled	310	190.0 58,900.00
42.	07640 Mandible, Closed Reduction	127	450.00 57,150.00
43.	04272 Vestibuloplasty	286	195.00 55,270.00
44.	03331 Molar - One Canal Filled	291	190.00 55,290.00
45.	04261 Osseous Graft	231	225.00 51,975.00
46.	07630 Mandible, Open Reduction	35	650.00 22,750.00
47.	07610 Maxilla, Open Reduction	20	750.00 15,000.00
48.	05140 Immediate Mandibular Full Denture	45	320.00 14,400.00
49.	07960 Frenectomy	287	45.00 12,915.00
50.	03312 Anterior - Two Canals Filled	111	115.00 12,765.00
51.	03323 Premolar - Three or more Canals Filled	49	147.00 7,203.00
			18,420,169.00

DOLLAR VALUE PER CATEGORY

I	DIAGNOSTIC	5,543,317.50	18%
II	PREVENTIVE	2,859,193.00	10%
III	RESTORATIVE	5,913,163.00	20%
IV	ENDODONTICS	1,369,302.00	05%
V	PERIODONTICS	2,462,916.00	08%
VI	REMOVABLE PROSTHODONTICS	2,623,010.00	09%
VII	FIXED PROSTHODONTICS	4,146,450.00	14%
VIII	ORAL SURGERY	4,942,054.00	16%
IX	ORTHODONTICS	79,160.00	0.0026%
X	ADJUNCTIVE SERVICES	102,458.00	0.0034%
	TOTAL DOLLAR VALUE	30,041,068.50	

TOP 100 CTV's

3rd QTR FY80

	<u>CUMULATIVE CTV's</u>	<u>PERCENT OF TOTAL CTV's</u>
1 to 10	1,866,291.8	47 %
11 to 20	2,567,549.0	65 %
21 to 25	2,754,050.9	70 %
26 to 50	3,356,614.8	85 %
51 to 75	3,622,081.1	92 %
76 to 100	3,731,868.6	95 %
TOTAL CTV's	3,936,510.2	

THE FOLLOWING IS A COMPARISON OF TWO MEDIUM
SIZE DENTACS BY CATEGORY AND DOLLAR VALUE

		<u>POST A</u>	<u>POST B</u>
I	DIAGNOSTIC	198,496.50	230,724.50
II	PREVENTIVE	90,514.00	83,205.00
III	RESTORATIVE	252,142.00	63,555.00
IV	ENDODONTICS	60,988.00	68,163.00
V	PERIODONTICS	53,256.00	82,366.00
VI	R. PROSTHODONTICS	82,259.00	107,787.00
VII	F. PROSTHODONTICS	59,565.00	112,495.00
VIII	ORAL SURGERY	301,749.00	143,426.00
IX	ORTHODONTICS	4,660.00	2,500.00
X	ADJUNCTIVE SERVICES	7,006.00	2,232.00
	TOTAL	1,110,905.50	1,096,454.50

DIFFERENTIAL

DENTISTS.....	+1
TOTAL PERSONNEL.....	+11
TOTAL PROCEDURES.....	+1,531
TOTAL CTV'S.....	+3522.7
MILITARY STRENGTH SERVED.....	+7,000

COST-DOLLAR VALUE COMPARISON*

HSC SUMMARY - FY80

<u>FY80</u>	<u>COST</u>	<u>DOLLAR VALUE</u>
1st QTR	\$ 19,115,000.00	\$ 27,487,882.00
2nd QTR	\$ 20,618,000.00	\$ 29,035,023.00
3rd QTR	\$ 18,193,000.00	\$ 30,041,068.00

* Cost obtained from MED-304 Report (Mil-Civ Personnel and Supplies)
Dollar Value obtained as shown in 3rd Qtr Analysis

UNIFORM CHART OF ACCOUNTS

DENTAL REPORTING SYSTEM ANALYSIS

4TH QTR FY80

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NO. USED</u>	<u>DOLLAR VALUE</u>
. 00300	Panoramic Film	124652	20.00 2,493,040.00
2. 01110	Adult Prophylaxis	106043	17.00 1,802,731.00
. 02150	Amalgam Two-Surface	69393	24.00 1,665,432.00
. 00120	Oral Exam (Annual or Periodic)	230220	7.00 1,611,540.00
5. 02140	Amalgam One-Surface	106192	15.00 1,592,880.00
6. 07130	Tooth Removal, Impacted	17949	85.00 1,525,665.00
. 00220	Intraoral Film	447824	2.50 1,119,560.00
8. 01240	Topical Application	100387	10.00 1,003,870.00
9. 06750	Porcelain Fused to Metal (Crowns)	3684	250.00 921,000.00
J . 02160	Amalgam Three-Surface	29034	30.00 871,020.00
			14,606,738.00
11. 07110	Tooth Removal	53324	15.00 799,860.00
1. 04343	Periodontal Scaling and Root Planing	29215	20.00 784,300.00
1. 02320	Resin, Simple	30113	20.00 602,260.00
14. 06130	Porcelain Fused to Metal (FPD Retainer)	2301	250.00 575,250.00
15. 06240	Porcelain Fused to Metal (FPD Pontic)	2265	250.00 566,250.00
1. 02161	Amalgam Four or more Surface	14179	38.00 538,802.00
17. 02336	Resin, Complex	19192	26.00 498,992.00
18. 06790	Complete Crown Metal (Crowns)	2437	200.00 487,400.00
1. 05110	Maxillary-Full Denture	1346	350.00 471,100.00
2u. 07310	Alveoloplasty with Extractions	9055	50.00 452,750.00
			5,776,964.00
21. 05206	Cast Metal Mandibular Resin PTR DTR	1195	350.00 418,250.00
22. 04331	Occlusal Adjustment, Complete	4180	95.00 397,100.00
2 . 00210	Intraoral Series	12281	30.00 368,430.00
2 . 07462	Removal of Non-Odontogenic Cyst or Tumor	1209	300.00 362,700.00
25. 03311	Anterior-One Canal Filled	2897	125.00 362,125.00
			1,908,605.00
			22,292,307.00
26. 04210	Gingivectomy/Gingivoplasty	3141	115.00 361,215.00
27. 03333	Molar-Three Canal Filled	1755	200.00 351,000.00
2 . 05205	Cast Metal Maxillary Resin PTR DTR	965	350.00 337,750.00
29. 06160	Complete Crown Metal (FPD Retainer)	1633	200.00 326,600.00
30. 07120	Tooth Removal, Complicated	12846	20.00 256,920.00
3 . 07711	Maxillary Osteotomy, Total	178	1,400.00 249,200.00
3 . 04260	Osseous Resective Surgery	1650	150.00 247,500.00
33. 05120	Mandibular-Full Denture	706	350.00 247,100.00
3 . 00140	Comprehensive Exam	34236	7.00 239,652.00
3 . 01120	Childs Prophylaxis	16293	13.00 211,809.00
36. 07835	Mandibular Manipulation	1481	100.00 148,100.00
37. 06719	Stainless Steel, Aluminum, Interim	2836	50.00 141,800.00
3 . 07721	Mandibular Osteotomy, Ramus	98	1,400.00 137,200.00
39. 07470	Removal of Exostoses	682	200.00 136,400.00
40. 05201	Resin Maxillary PTR DTR	887	150.00 133,050.00
4 . 02953	Pin Retention	16498	8.00 131,984.00
42. 06718	Dowel and Core Metal	1868	70.00 130,760.00
43. 05204	Cast Metal Mandibular PTR DTR	353	350.00 123,550.00
4 . 03321	Premolar-One Canal Filled	215	200.00 119,400.00
4 . 05203	Cast Metal Maxillary PTR DTR	305	350.00 106,750.00
46. 03322	Premolar-Two Canal Filled	702	150.00 105,300.00
47. 07520	Biopsy	2069	50.00 103,450.00
4 . 03334	Molar-Four or more Canal Filled	514	200.00 102,800.00
49. 07712	Maxillary Osteotomy, Segmental	127	800.00 101,600.00
52. 05130	Immediate Maxillary Complete Denture	289	350.00 101,150.00
			4,652,040.00
			26,944,347.00

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NO. USED</u>	<u>DOLLAR VALUE</u>	
5 . 04220	Gingival Curretage	6393	15.00	95,895.00
5 . 00250	Extraoral Film	3796	25.00	94,900.00
53. 07815	Myofascial Pain Dysfunction Treatment	377	250.00	94,250.00
5 . 03220	Pulpotomy-Permanent	3634	25.00	90,850.00
5 . 07722	Mandibular Osteotomy, Body	62	1,400.00	86,800.00
56. 06201	Cast Metal (FPD Pontic)	422	200.00	84,400.00
57. 07320	Alveoplasty	1675	50.00	83,750.00
5 . 05621	Partial Denture Repair	2648	30.00	79,440.00
59. 06150	Partial Veneer, Metal (FPD Retainer)	370	200.00	74,000.00
60. 05810	Denture Temporary, Maxillary	714	100.00	71,400.00
6 . 06780	Partial Veneer, Metal (Crowns)	355	200.00	71,000.00
62. 05731	Reline Complete Maxillary (Chairside)	1093	60.00	65,580.00
63. 06710	Acrylic Resin (Processed) (Crowns)	789	80.00	63,120.00
6 . 07640	Mandible, Closed Reduction	137	450.00	61,650.00
6 . 02910	Recement, Inlay, Crowns or Fixed PTR DTR	5128	12.00	61,536.00
66. 03332	Molar-Two Canal Filled	281	200.00	56,000.00
67. 04271	Free Soft Tissue Graft	370	150.00	55,500.00
6 . 05202	Resin Mandibular PTR DTR	351	150.00	52,650.00
69. 07405	Salivary Gland Surgery	166	300.00	49,800.00
70. 04363	Other Periodontal Appliances	444	100.00	44,400.00
7 . 09233	Inhalation Sedation or Analgesia	2197	20.00	43,940.00
72. 05611	Complete Denture Repair	1459	30.00	43,770.00
73. 07530	Removal of Foreign Body	218	200.00	43,600.00
7 . 03331	Molar-One Canal Filled	215	200.00	43,000.00
7 .. 09231	Intravenous Sedation or Analgesia	2022	20.00	40,440.00
				1,651,671.00
				28,595,018.00
7 . 05751	Reline Complete Maxillary (Laboratory)	356	100.00	35,600.00
77. 07630	Mandible, Open Reduction	48	700.00	33,600.00
7 . 03210	Pulpotomy-Deciduous	1321	25.00	33,025.00
7 . 03960	Bleaching of Discolored Teeth	644	50.00	32,200.00
80. 04261	Osseous Graft	214	150.00	32,100.00
81. 04272	Vestibuloplasty	210	150.00	31,500.00
8 . 07560	Maxillary Sinusotomy	68	400.00	27,200.00
83. 09220	General Anesthesia	567	40.00	22,680.00
84. 07285	Bone Graft or Osseous Implant	20	1,100.00	22,000.00
8 . 04321	Provisional Splint, Extra coronal	287	75.00	21,525.00
8 .. 05732	Reline Complete Mandibular (Chairside)	356	60.00	21,360.00
87. 07651	Zygomatic Complex Fracture	30	700.00	21,000.00
8 . 07681	Other Fracture Reduction	30	700.00	21,000.00
8 . 04351	Root Desensitization	1260	15.00	18,900.00
90. 05811	Denture Temporary, Mandibular	188	100.00	18,800.00
9 . 06740	Porcelain (Crown)	91	200.00	18,200.00
9 . 05741	Reline Rem PTR DTR, Maxillary (Chairside)	293	60.00	17,580.00
93. 05140	Immediate Mandibular Complete Denture	49	350.00	17,150.00
9 . 07350	Stomatoplasty, Complicated	40	400.00	16,000.00
9 . 05610	Replace Broken Facing	517	30.00	15,510.00
9 . 04361	Occlusal Orthopedic Appliance	152	100.00	15,200.00
97. 03340	Deciduous Root Canal Filling	118	120.00	14,160.00
9 . 07680	Facial Bone Fracture	12	1,100.00	13,200.00
9 . 05752	Reline Complete Mandibular (Laboratory)	128	100.00	12,800.00
00. 05742	Reline Rem PTR DTR, Mandibular (Chairside)	209	60.00	12,540.00
				544,830.00
				29,140,848.00

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NO. USED</u>	<u>DOLLAR VALUE</u>
C . 07755	Augmentation, Contouring, Reduction	17	650.00
.02. 04270	Pedicle Soft Tissue Graft	78	125.00
.03. 05763	Rebase Complete Maxillary (Laboratory)	97	100.00
.C . 07610	Maxilla, Open Reduction	12	800.00
.C. 01350	Application of Pit and Fissure Sealants	950	10.00
.06. 03312	Anterior-Two or more Canal Filled	72	125.00
.C . 07480	Partial Resection, Maxilla or Mandible	8	1,100.00
.C . 07620	Maxilla, Closed Reduction	22	400.00
.09. 07960	Frenectomy	172	50.00
.10. 06713	Acrylic Resin, Veneered (Crowns)	30	200.00
.1 . 07340	Stomatoplasty, Uncomplicated	59	100.00
.12. 05853	Overdenture, Mandibular	15	350.00
.13. 04371	Root Amputation	52	100.00
.1 . 05970	Obturator	6	750.00
.15. 07280	Skin or Mucosal Graft	9	500.00
.16. 03323	Premolat-Three or more Canal Filled	29	150.00
.1 . 07811	Reduction of Dislocation	40	100.00
.1 . 05814	Overdenture, Immediate Maxillary	11	350.00
.19. 07150	Surgiacl Exposed Tooth	118	30.00
.2 . 05764	Rebase Complete Mandibular (Laboratory)	33	100.00
.2 . 06204	Acrylic Veneered Pontic	16	200.00
.22. 04320	Provisional Splint, Intracoronal	21	150.00
.22. 06140	Reverse Pin Facing and Metal (FPD Retainer)	11	250.00
.2 . 05862	Overdenture, Maxillary	7	350.00
.25. 06203	Porcelain, Pontic	12	200.00
.26. 06220	Slotted Facing or Pontic	12	200.00
.2 . 07845	Temporomandibular Joint Surgery	9	250.00
.20. 07270	O-A Fistula or Communication Repair	11	200.00
.29. 07465	Destruction of Lesions	11	200.00
.3 . 07432	Excision, Benign Tumor	43	50.00
.31. 05210	Partial Denture with Cast Metal Occlusal	6	350.00
.32. 05815	Overdenture, Immediate Mandibular	6	350.00
.3 . 05980	Speech Bulb	2	900.00
.3 . 02542	Pinledge Restoration	11	150.00
.35. 06110	Acrylic Resin, Veneered Crown	8	200.00
.36. 02521	Inlay-Two Surface	12	130.00
.3 . 02541	Onlay-Cusp Coverage	12	130.00
.38. 05762	Reline Rem PTR DTR Mandibular (Laboratory)	19	75.00
.39. 05765	Rebase Rem PTR DTR Maxillary (Laboratory)	19	75.00
.4 . 06760	Reverse Pin Facing and Metal (Crowns)	5	250.00
.41. 02531	Inlay-Three Surface	7	160.00
.42. 05711	Maxillary Duplicate Denture	6	150.00
.4 . 05864	Overdenture Partial Maxillary	2	350.00
.4 . 05965	Overdenture Partial Mandibular	2	350.00
.45. 05867	Overdenture Immediate Mandibular Rem PTR DTR	2	350.00
.47. 05910	Ear Prosthesis	1	700.00
.4 . 05761	Reline Rem PTR DTR Maxillary (Laboratory)	9	75.00
.48. 02450	Gold Foil Class V	11	60.00
.49. 07880	Arthrocentesia, Arthrography Injection	6	100.00
.51. 05766	Rebase Rem PTR DTR Mandibular (Laboratory)	7	75.00
.51. 05816	Overdenture Maxillary Metal	1	350.00
.52. 05920	Eye Prosthesis	1	350.00
.54. 02410	Gold Foil Class I	5	60.00
.54. 02511	Inlay-One Surface	3	100.00
.55. 02430	Gold Foil Class III	1	125.00

185,515.00
29,326,363.00

NOT USED: 02420,02440,05220,05817,05867, & 05915.

1ST QTR FY80

1 to 10	12,704,146.50
11 to 20	18,495,623.50
21 to 25	20,459,156.50
26 to 50	25,076,647.50
51 to 75	26,689,492.50
76 to 100	27,284,651.50
101 to 146	27,487,882.50

2ND QTR FY80

1 to 10	13,468,516.50
11 to 20	19,453,742.50
21 to 25	21,500,832.50
26 to 50	26,529,665.50
51 to 75	28,202,724.50
76 to 100	28,818,364.50
101 to 145	29,035,023.50

3RD QTR FY80

1 to 10	13,953,180.50
11 to 20	20,276,373.50
21 to 25	22,305,164.50
26 to 50	27,478,509.50
51 to 75	29,247,936.50
76 to 100	29,826,557.50
101 to 146	30,041,068.50

4TH QTR FY80

1 to 10	14,606,738.00
11 to 20	20,383,702.00
21 to 25	22,292,307.00
26 to 50	26,944,347.00
51 to 75	28,596,018.00
76 to 100	29,140,848.00
101 to 155	29,326,363.00

<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>NO. USED</u>	<u>DOLLAR VALUE</u>
1. 02150	Amalgam-Two Surface	69393	24.00 1,665,432.00
2. 02140	Amalgam-One Surface	106192	15.00 1,592,880.00
3. 07110	Tooth Removal, Impacted	17949	85.00 1,525,665.00
4. 06750	Porcelain Fused to Metal (Crowns)	3684	250.00 921,000.00
5. 02160	Amalgam-Three Surface	29034	30.00 871,020.00
6. 07110	Tooth Removal	53324	15.00 799,860.00
7. 04343	Periodontal Scaling and Root Planing	29215	20.00 784,300.00
8. 02320	Resin, Simple	30113	20.00 602,260.00
9. 06130	Porcelain Fused to Metal (FPD Retainer)	2301	250.00 575,250.00
10. 06240	Porcelain Fused to Metal (FPD Pontic)	2265	250.00 566,250.00
			9,903,917.00
11. 02161	Amalgam-Four or more Surface	14179	38.00 538,802.00
12. 02336	Resin, Complex	19192	26.00 498,992.00
13. 06790	Complete Crown Metal (Crowns)	2437	200.00 487,400.00
14. 05110	Maxillary Full Denture	1346	350.00 471,100.00
15. 05206	Cast Metal Mandibular Resin PAR DTR	1195	350.00 418,250.00
16. 07462	Removal of Non-Odontogenic Cyst or Tumor	1209	300.00 362,700.00
17. 03311	Anterior-One Canal Filled	2897	125.00 362,125.00
18. 04210	Gingivectomy/Gingivoplasty	3141	115.00 361,215.00
19. 03333	Molar-Three Canal Filled	1755	200.00 351,000.00
20. 05205	Cast Metal Maxillary Resin PAR DTR	965	350.00 337,750.00
21. 06160	Complete Crown Metal (FPD Retainer)	1633	200.00 326,600.00
22. 07120	Tooth Removal, Complicated	12846	20.00 256,920.00
23. 04260	Osseous Resective Surgery	1650	150.00 247,500.00
24. 05120	Mandibular Full Denture	706	350.00 247,100.00
25. 07470	Removal of Exostoses	682	200.00 136,400.00
			5,403,854.00
			15,307,771.00
26. 05201	Resin Maxillary REM PAR DTR	887	150.00 133,050.00
27. 06718	Dowel and Core Metal	1868	70.00 130,760.00
28. 05204	Cast Metal Mandibular REM PAR DTR	353	350.00 123,550.00
29. 03321	Premolar-One Canal Filled	215	200.00 119,400.00
30. 05203	Cast Metal Maxillary REM PAR DTR	305	350.00 106,750.00
31. 03322	Premolar-Two Canal Filled	702	150.00 105,300.00
32. 07520	Biopsy	2069	50.00 103,450.00
33. 03334	Molar-Four or more canal Filled	514	200.00 102,800.00
34. 05130	Immediate Maxillary Full Denture	289	350.00 101,150.00
35. 04220	Gingival Curettage	6393	15.00 95,895.00
36. 07320	Alveoloplasty	1675	50.00 83,750.00
37. 06150	Partial Veneer, Metal (FPD Retainer)	370	200.00 74,000.00
38. 06780	Partial Veneer, Metal (FPD Crowns)	355	200.00 71,000.00
39. 07640	Mandible, Closed Reduction	137	450.00 61,650.00
40. 03332	Molar-Two Canal Filled	281	200.00 56,000.00
41. 04271	Free Soft Tissue Graft	370	150.00 55,500.00
42. 05202	Resin Mandibular REM I-R DTR	351	150.00 52,650.00
43. 03331	Molar-One Canal Filled	215	200.00 43,000.00
44. 07630	Mandible, Open Reduction	48	700.00 33,600.00
45. 04261	Osseous Graft	214	150.00 32,100.00
46. 04272	Vestibuloplasty	210	150.00 31,500.00
47. 05140	Immediate Mandibular Complete Denture	49	350.00 17,150.00
48. 07610	Maxilla, Open Reduction	12	800.00 9,600.00
49. 03312	Anterior-Two or more Canal Filled	72	125.00 9,000.00
50. 07960	Frenectomy	172	50.00 8,600.00
51. 03323	Premolar-Three or more Canal Filled	29	150.00 4,350.00
			1,765,555.00
			17,073,326.00

DOLLAR VALUE PER CATEGORY

I	DIAGNOSTIC	5,927,122.00	20%
II	PREVENTIVE	3,027,910.00	10%
III	RESTORATIVE	5,970,181.00	20%
IV	ENDODONTICS	1,323,210.00	05%
V	PERIODONTICS	2,123,235.00	07%
VI	R. PROSTHODONTICS	2,430,870.00	08%
VII	F. PROSTHODONTICS	3,494,890.00	12%
VIII	ORAL SURGERY	4,921,885.00	17%
IX	ORTHODONTICS	Not Computed	
X	ADJ. SERVICES	107,060.00	0037%
	TOTAL DOLLAR VALUE	29,326,363.00	

TOP 100 CTV'S

4TH QTR FY80

	<u>CUMULATIVE CTV'S</u>	<u>PERCENT OF TOTAL CTV'S</u>
1 to 10	1,793,934.2	47%
11 to 20	2,531,831.1	67%
21 to 25	2,692,996.1	71%
26 to 50	3,289,807.1	87%
51 to 75	3,510,198.4	92%
76 to 100	3,617,310.2	95%
TOTAL CTV'S	3,799,344.9	

THE FOLLOWING IS A COMPARISON OF TWO MEDIUM
SIZE DENTACS BY CATEGORY AND DOLLAR VALUE

		<u>POST A</u>	<u>PERCENT</u>	<u>POST B</u>	<u>PERCENT</u>
I	DIAGNOSTIC	321,747.00	51	175,970.50	37
II	PREVENTIVE	85,406.00	14	52,761.00	11
III	RESTORATIVE	78,975.00	13	79,772.00	17
IV	ENDODONTICS	10,850.00	02	15,900.00	03
V	PERIODONTICS	14,820.00	02	12,725.00	03
VI	R. PROSTHODONTICS	37,310.00	06	53,750.00	11
VII	F. PROSTHODONTICS	37,810.00	06	63,310.00	13
VIII	ORAL SURGERY	41,210.00	07	24,975.00	05
IX	ORTHODONTICS	NOT COMPUTED		NOT COMPUTED	
X	ADJ. SERVICES	60.00	.0001	360.00	.0008
	TOTAL DOLLARS	628,188.00		479,523.50	

COMPARISON OF THE TWO DENTACS

	<u>FORT DIX</u>	<u>FORT MC CLELLAN</u>
DENTISTS ASSIGNED	18	19
TOTAL PERSONNEL ASSIGNED	82	62
TOTAL PROCEDURES	111772	71088
TOTAL CTV'S	76322.1	49580.4
MILITARY STRENGTH SERVED	10,821	10,202

DIFFERENTIAL

DENTISTS ASSIGHED +1

TOTAL PERSONNEL ASSIGNED +10

TOTAL PROCEDURES +40684

TOTAL CTV'S +26741.7

MILITARY STRENGTH SERVED 619

DOLLAR VALUE +148,664.50

UNWEIGHTED AND WEIGHTED PROCEDURE PROFILE

PERCENT OF RELATIVE FREQUENCY

		FORT DIX				FORT MC CLELLAN			
		PROC	%	WWU	%	PROC	%	WWU	%
I	DIAGNOSTIC	41959	38	19044.5	25	26087	37	10458.2	21
II	PREVENTIVE	26522	24	21283.5	28	9615	14	6826.9	14
III	RESTORATIVE	14708	13	16019.5	14	10136	14	7774.0	16
IV	ENDODONTICS	771	0069	1087.5	01	1085	02	1595.7	03
V	PERIODONTICS	6328	06	4533.4	06	2647	04	2063.3	04
VI	R. PROSTHODONTICS	446	0040	1226.4	02	267	0038	1791.4	04
VII	F. PROSTHODONTICS	399	0036	1684.6	02	457	0064	2594.7	05
VIII	ORAL SURGERY	1971	02	1599.5	02	1744	02	1457.7	03
IX	ORTHODONTICS	20	0002	11.4	0001	66	0009	34.6	0007
X	ADJ. SERVICES	18548	17	15231.8	20	18984	27	14983.9	30
	TOTAL	111772		76322.1		71088		49580.4	
	<u>RESERVES PERCENT OF TOTAL</u>	9145	08	6866.8	09	550	0077	420.9	0085

APPENDIX G
Special Analysis

DOLLAR VALUE PER CATEGORY1ST QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,402,389.50	20 %	5,461,021.50	19 %
				58,632.00	01 % Increase
II	PREVENTIVE	2,476,228.00	09 %	2,476,288.00	09 %
				No Increase	
III	RESTORATIVE	5,534,897.00	20 %	5,891,952.00	21 %
				357,055.00	06 % Increase
IV	ENDODONTICS	1,331,395.00	.05 %	1,414,020.00	.05 %
				82,625.00	06 % Increase
V	PERIODONTICS	2,411,619.00	09 %	2,465,390.00	09 %
				53,771.00	02 % Increase
VI	REM. PROS.	2,310,646.00	.08 %	2,479,625.00	.09 %
				168,979.00	.07 % Increase
VII	Fixed Pros.	3,542,025.00	13 %	3,821,147.00	13 %
				279,122.00	08 % Increase
VIII	Oral Surgery	4,328,467.00	16 %	4,273,395.00	15 %
				55,072.00	01 % <u>DECREASE</u>
IX	ORTHODONTICS	48,280.00	.0018 %	48,280.00	.0017 %
				No Increase	
X	ADJ. SERVICES	101,936.00	.0037 %	110,960.00	.0039 %
				9,024.00	09 % Increase
	TOTAL	27,487,882.50		28,442,018.50	
				954,136.00	03 % Increase

Health Service Command

<u>DOLLAR VALUE PER CATEGORY</u>					
<u>2ND QTR FY80</u>					
		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,843,025.50	20 %	5,900,067.50	20 %
				57,042.00	01 % Increase
II	PREVENTIVE	2,624,745.00	09 %	2,624,745.00	09 %
				No Increase	
III	RESTORATIVE	5,738,164.00	20 %	6,101,773.00	20 %
				363,609.00	06 % Increase
IV	ENDODONTICS	1,463,131.00	05 %	1,543,675.00	05 %
				80,544.00	06 % Increase
V	PERIODONTICS	2,605,521.00	09 %	2,648,745.00	09 %
				43,224.00	02 % Increase
VI	REM. PROS.	2,353,827.00	08 %	2,538,345.00	08 %
				174,518.00	07 % Increase
VII	FIXED. PROS.	3,567,535.00	12 %	3,845,270.00	13 %
				277,735.00	08 % Increase
VIII	ORAL SURGERY	4,666,497.00	16 %	4,549,885.00	15 %
				116,612.00	03 % DECREASE
IX	ORTHODONTICS	70,340.00	.0024 %	70,340.00	.0024 %
				No Increase	
X	ADJ. SERVICES	92,238.00	.0032 %	100,460.00	.0034 %
				8,222.00	09 % Increase
	TOTAL	29,035,023.50		29,923,305.50	
				888,282.00	03 % Increase

Health Service Command

DOLLAR VALUE PER CATEGORY3RD QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,543,317.50	18 %	5,582,494.50	18 %
				39,177.00	01 % Increase
II	PREVENTIVE	2,859,193.00	10 %	2,859,193.00	09 %
				No Increase	
III	RESTORATIVE	5,913,163.00	20 %	6,284,528.00	20 %
				371,365.00	06 % Increase
IV	ENDODONTICS	1,369,302.00	05 %	1,443,415.00	05 %
				74,113.00	05 % Increase
V	PERIODONTICS	2,462,961.00	08 %	2,511,945.00	08 %
				48,984.00	02 % Increase
VI	REM. PROS.	2,623,010.00	09 %	2,819,285.00	09 %
				196,275.00	07 % Increase
VII	FIXED PROS.	4,146,450.00	14 %	4,472,540.00	14 %
				326,090.00	09 % Increase
VIII	ORAL SURGERY	4,942,054.00	16 %	4,845,280.00	16 %
				96,774.00	02 % DECREASE
IX	ORTHODONTICS	79,160.00	.0026 %	79,160.00	.0026 %
				No Increase	
X	ADJ. SERVICES	102,458.00	.0034 %	112,060.00	.0036 %
				9,602.00	09 % Increase
	TOTAL	30,041,068.50		31,009,900.50	
				968,832.00	03 % Increase

Health Service Command

DOLLAR VALUE PER CATEGORY4TH QTR FY80

		<u>1980 DOLLARS</u>		<u>1981 DOLLARS</u>	
I	DIAGNOSTIC	5,890,279.00	20 %	5,927,122.00	20 %
				36,843.00	01 % Increase
II	PREVENTIVE	3,027,910.00	11 %	3,027,910.00	10 %
				No Increase	
III	RESTORATIVE	5,619,675.00	20 %	5,970,181.00	20 %
				350,506.00	06 % Increase
IV	ENDODONTICS	1,224,500.00	04 %	1,323,210.00	05 %
				98,710.00	08 % Increase
V	PERIODONTICS	2,068,656.00	07 %	2,123,235.00	07 %
				54,579.00	03 % Increase
VI	REM. PROS.	2,123,625.00	08 %	2,430,870.00	08 %
				307,245.00	14 % Increase
VII	FIXED PROS.	3,109,475.00	11 %	3,494,890.00	12 %
				385,415.00	12 % Increase
VIII	ORAL SURGERY	4,996,234.00	18 %	4,921,885.00	17 %
				74,349.00	01 % <u>DECREASE</u>
IX	ORTHODONTICS	57,780.00	.0020 %	57,780.00	.0020
				No Increase	
X	ADJ. SERVICES	98,622.00	.0035 %	107,050.00	.0037 %
				8,438.00	09 % Increase
	TOTAL	28,216,756.00		29,326,363.00	
				1,109,607.00	04 % Increase

Health Service Command

HSC

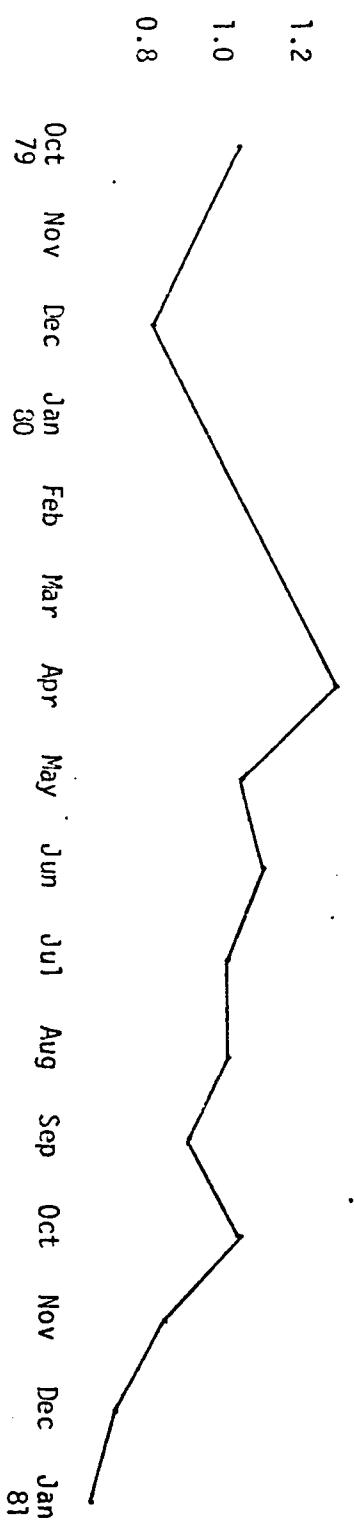
MEAN CHANGE FOR DOLLAR VALUES PRODUCED BY MONTH FOR ALL HSC DENTAC

FORMULA FOR CHANGE:

$$\frac{\$ \text{ Produced per Month per DENTAC}}{\text{Mean Dollars Produced per Month all HSC DENTAC}} = \text{Mean Change per DENTAC}$$

FORMULA FOR COMMAND MEAN CHANGE:
 $\frac{\zeta \text{ of DENTAC Mean Change By Month Monthly}}{\text{Number of DENTACs By Month}} = \text{Mean Change For Command}$

Monthly Command Mean Change is Plotted on Graph.



TOTAL PATIENTS TREATED

MEAN CHANGE FOR DOLLAR VALUES PRODUCED BY MONTH FOR ALL HSC DENTAC

FORMULA FOR CHANGE:

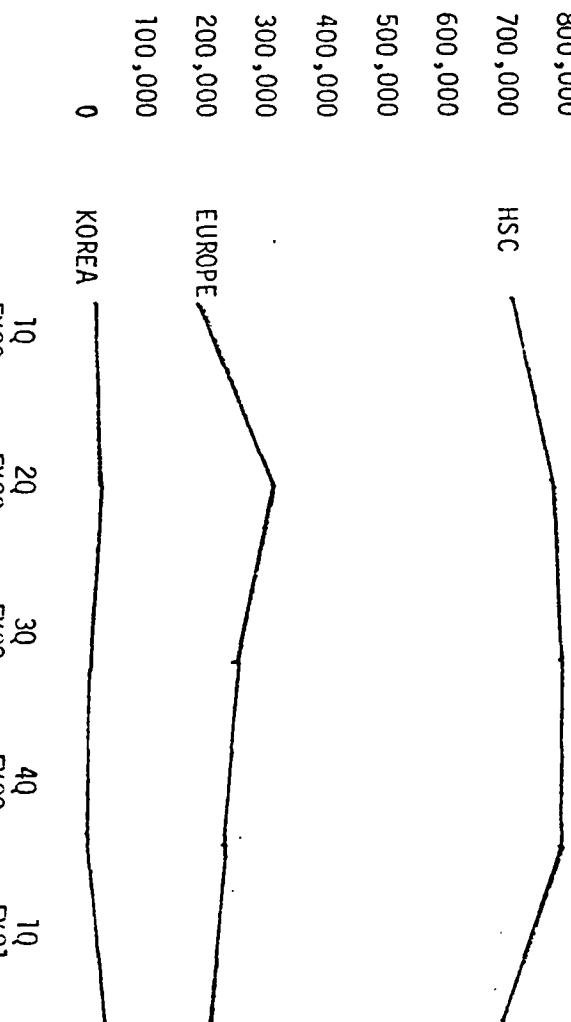
$$\frac{\$ \text{ Produced per Month per DENTAC}}{\text{Mean Dollars Produced per Month all HSC DENTAC}} = \text{Mean Change per DENTAC}$$

FORMULA FOR COMMAND MEAN CHANGE:

$$\frac{\sum \text{ of DENTAC Mean Change By Month Monthly}}{\text{Number of DENTACs By Month}} = \text{Mean Change For Command}$$

Number of DENTACs By Month

Monthly Command Mean Change is Plotted on Graph.



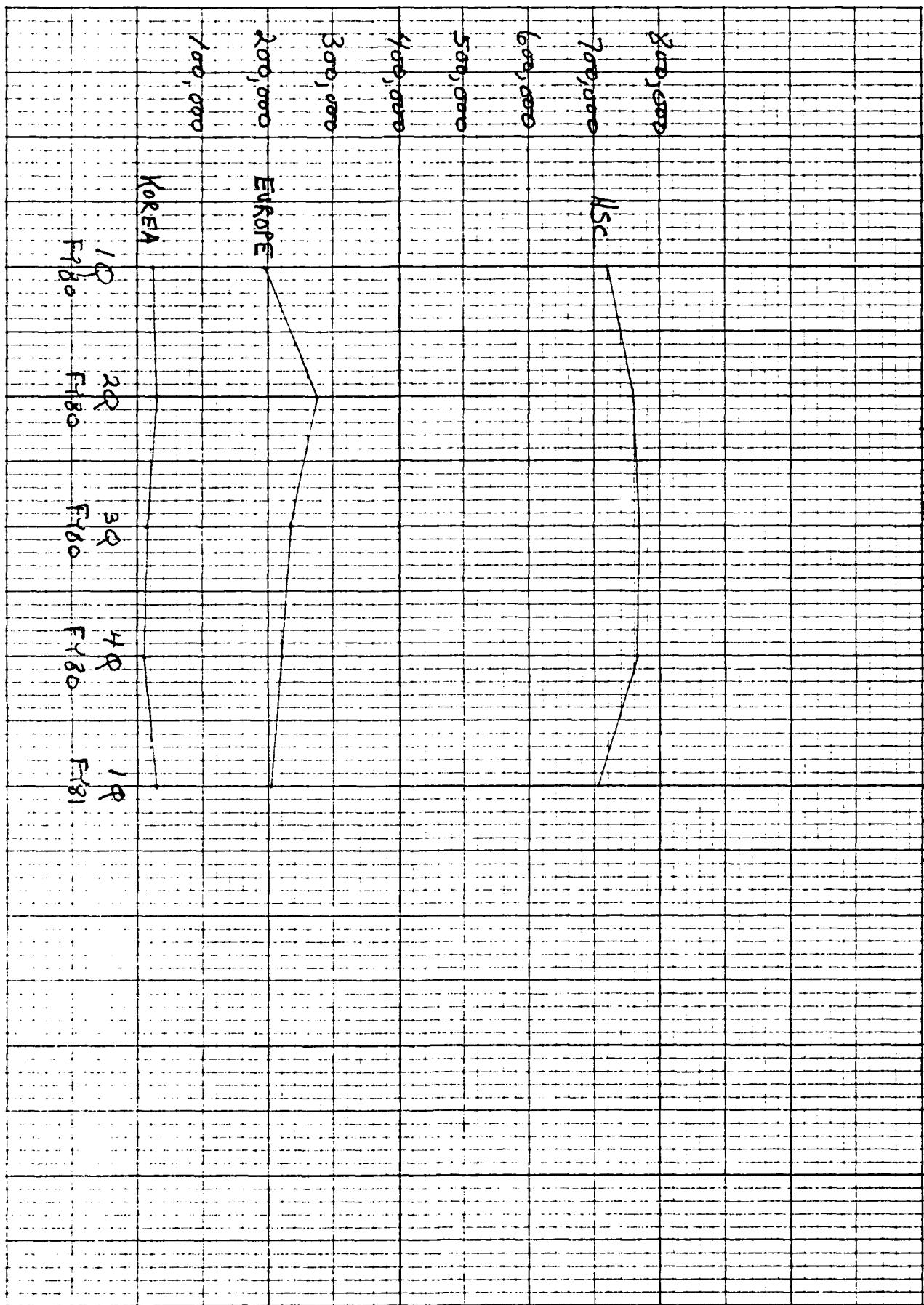
HSC

RANK ORDER OF INCREASE AND DECREASE IN
PRODUCTIVITY FY80.1 COMPARED TO FY81.1

- | | | |
|-----------------|-----------------|--------------------------------------|
| 1. Sheridan | (most improved) | 19. Panama |
| 2. Leonard Wood | | 20. Hood |
| 3. Stewart | ↑ | 21. Riley |
| 4. Gordon | | 22. Presidio |
| 5. Jackson | | 23. West Point |
| 6. Knox | | 24. Polk |
| 7. Bliss | | 25. Devens |
| 8. Mc Clellan | | 26. Belvoir |
| 9. Lewis | | 27. Walter Reed |
| 10. Rucker | | 28. Campbell |
| 11. Carson | = | 29. Hawaii |
| 12. Eustis | | 30. Sill |
| 13. Monmouth | | 31. Benning |
| 14. Bragg | | 32. Ord |
| 15. Leavenworth | | 33. Dix (Greatest decline) |
| 16. Meade | | 34. Redstone |
| 17. Lee | | 35. Sam Houston |
| 18. Huachuca | | 36. Alaska |
| | | 37. Fitzsimons |



TOTAL PATENTS TREATED



HSC

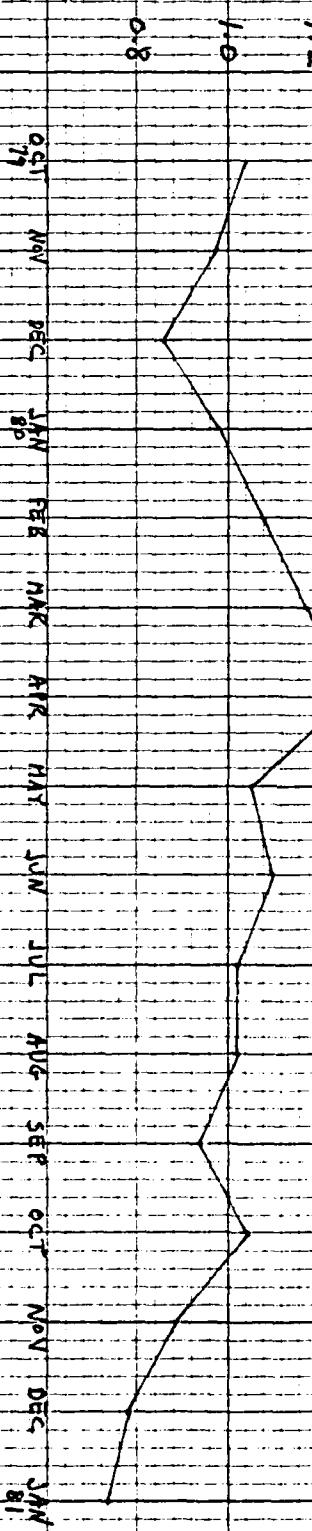
MEAN CHANGE FOR DOLLAR VALUES PRODUCED BY MONTH FOR ALL HSC DENTAC**FORMULA FOR CHANGE:**

$$\frac{\$ \text{Produced per Month per DENTAC}}{\text{Mean Dollars Produced per Month all HSC DENTAC}} = \text{Mean Change per DENTAC}$$

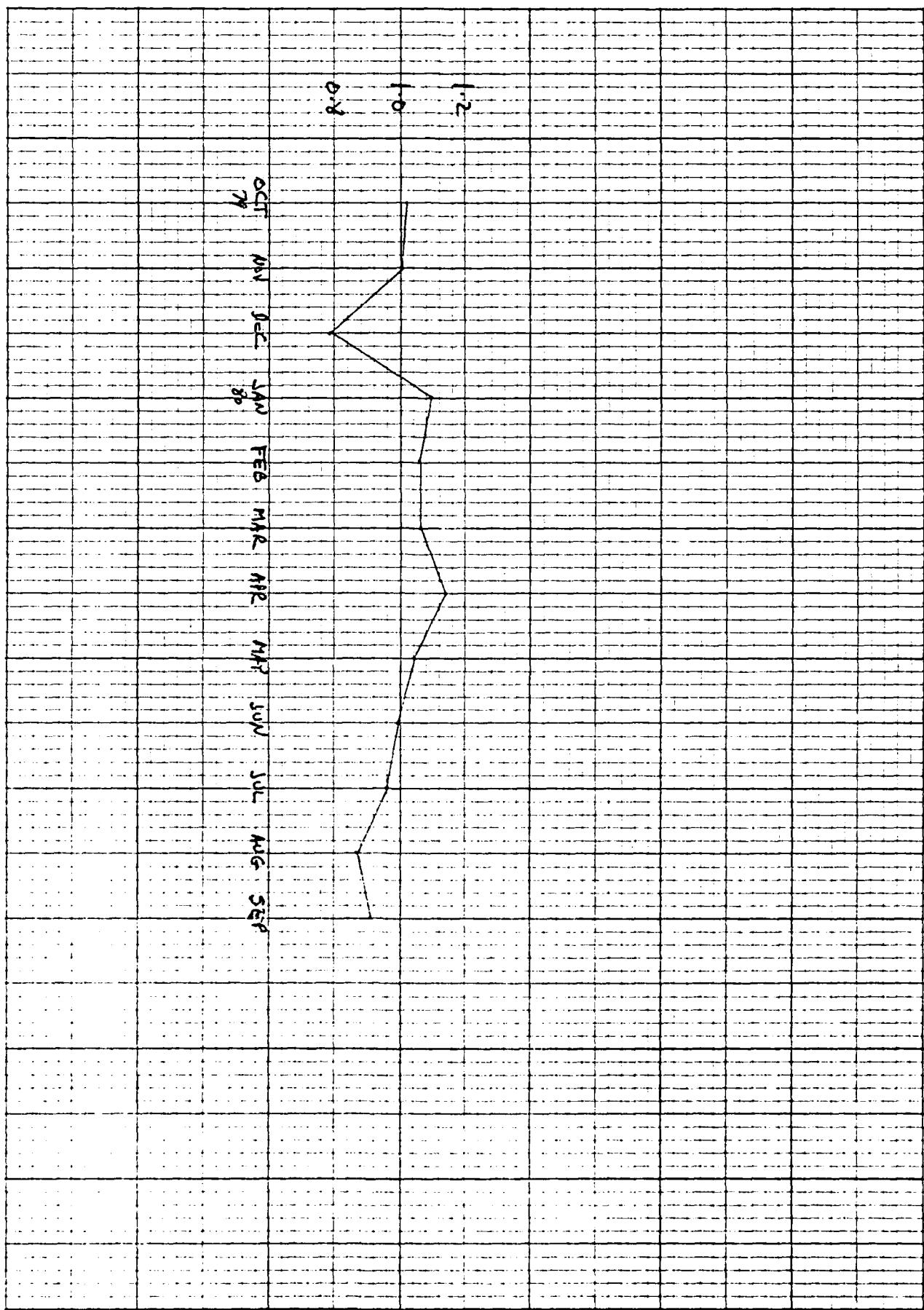
FORMULA FOR COMMAND MEAN CHANGE:

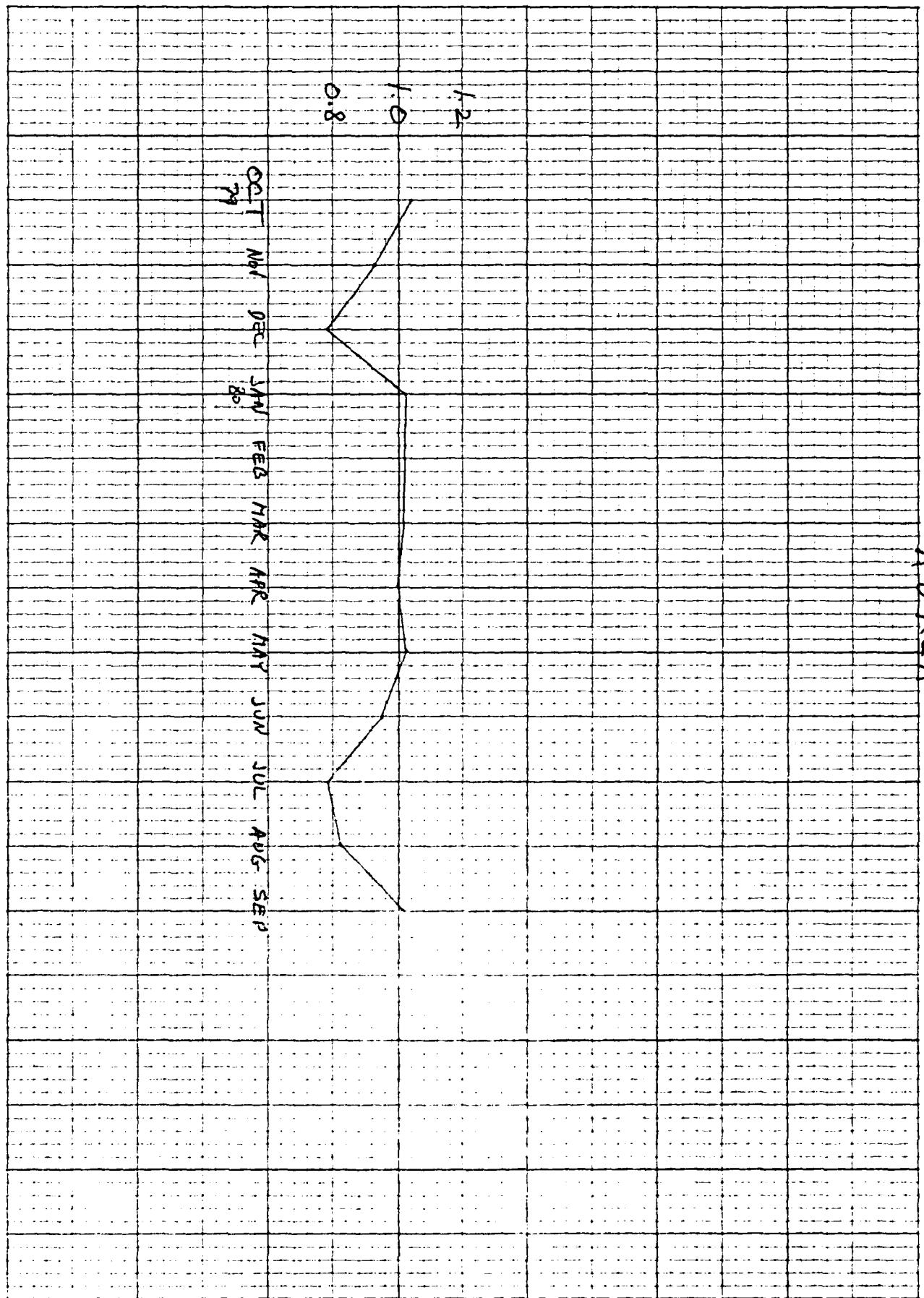
$$\frac{\Sigma \text{of DENTAC Mean Change By Month Monthly}}{\text{Number of DENTACS By Month}} = \text{Mean Change For Command}$$

Monthly Command Mean Change is Plotted on graph.



EUROPE





DOLLAR VALUE PER CATEGORY

CONUS

2ND QTR FY81

I	DIAGNOSTIC	5,377,829.00	18 %
II	PREVENTIVE	2,741,794.00	09 %
III	RESTORATIVE	6,439,370.00	22 %
IV	ENDODONTICS	1,678,815.00	06 %
V	PERIODONTICS	2,424,110.00	08 %
VI	REM. PROS.	2,592,740.00	09 %
VII	FIXED PROS.	3,714,290.00	12 %
VIII	ORAL SURGERY	4,851,080.00	16 %
IX	ORTHODONTICS	NOT COMPUTED	
X	ADJ. SERVICES	90,260.00	.0030 %
	TOATL	29,910,288.00	
	ORTHO	<u>864,350.00</u>	
	Total \$	<u>30,774,638.00</u>	

HSC

1ST QTR FY80

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>W/MU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	434277	447704.7	
2.	00220	Intraoral Film	421555	84311.0	1,053,887.50
3.	01330	Individual Oral Health Counseling	410471	123471.3	
4.	09972	Patient Handling Time, Diagnostic and Preventive	396891	317512.8	
5.	04342	Periodontal Scaling	305578	183346.8	
6.	09211	Local Anesthesia, for therapy	266434	106573.6	
7.	02954	Intermediate Base	233920	46784.0	
8.	00130	Other Examination	221476	88509.4	
9.	00120	Oral Examination (Annual or Periodic)	215521	172416.8	1,508,647.00
10.	02952	Restoration Polish	115299	92239.2	
11.	02140	Amalgam-One Surface	102734	102734.0	1,154,625.00
12.	00330	Panoramic Film	96678	38671.2	1,933,560.00
13.	02960	Rubber Dam Application	90674	36269.6	
14.	01110	Adult Prophylaxis	90640	163152.0	1,540,880.00
15.	00133	Screening Examination	87504	35001.6	
16.	01240	Topical Application	77745	54421.5	777,450.00
17.	02150	Amalgam-Two Surface	69123	131333.7	1,520,706.00
18.	09631	Prescriptions	65474	19642.2	
19.	09918	Postoperative Treatment	63982	31541.0	
20.	01360	Plaque and Tissue Indices	61632	24652.8	
21.	02940	Sedative/Temporary Restoration	58398	29199.0	
22.	07110	Tooth Removal	50198	35138.6	752,970.00
23.	09923	Dental Cast	49620	39696.0	
24.	07901	Posrsurgical Treatment	37241	18620.5	
25.	02320	Resin, Simple	36216	43459.2	651,888.00
TOTAL			4058381	2466402.5	10,894,613.50
Percent of Total			85 %	68 %	39

2ND QTR FY80

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWT</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	481368	529504.8	
2.	01330	Individual Oral Health Counseling	443450	133035.0	
3.	00220	Intraoral Film	436891	87378.2	1,092,227.50
4.	09972	Patient Handling Time, Diagnostic and Preventive	381886	305508.8	
5.	04342	Periodontal Scaling	340243	204145.8	
6.	09211	Local Anesthesia, for therapy	290859	116343.6	
7.	00130	Other Examination	252287	100914.8	
8.	02954	Intermediate Base	246073	49214.6	
9.	00120	Oral Examination (Annual or Periodic)	227430	181944.0	1,592,010.00
10.	02952	Restoration Polish	116328	93062.4	
11.	00330	Panoramic Film	110217	44086.8	2,204,340.00
12.	02140	Amalgam-One Surface	106219	106219.0	1,487,066.00
13.	02960	Rubber Dam Application	95874	38349.6	
14.	01110	Adult Prophylaxis	95718	172292.4	1,627,206.00
15.	00133	Screening Examination	95144	38057.6	
16.	01240	Topical Application	81485	57039.5	814,850.00
17.	02150	Amalgam-Two Surface	72282	137335.8	1,590,204.00
18.	09631	Prescription	72023	21606.9	
19.	01360	Plaque and Tissue Indices	67362	26944.8	
20.	02940	Sedative/Temporary Restoration	61826	30913.0	
21.	09918	Postoperative Treatment	60833	30416.5	
22.	07110	Tooth Removal	53017	37111.9	795,255.00
23.	09923	Dental Cast	52916	42332.8	
24.	04343	Periodontal Scaling and Root Planing	44761	62665.4	850,459.00
25.	07901	Postsurgical Treatment	41875	20937.5	
		TOTAL	4328367	2667361.5	12,053,617.50
		Percent of Total		84 %	69 %
					41

3RD QTR FY80

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	482111	530322.1	
2.	01330	Individual Oral Health Counseling	463607	139082.1	
3.	00220	Intraoral Film	430641	86128.2	1,076,602.50
4.	04342	Periodontal Scaling	426816	256089.6	
5.	09972	Patient Handling Time, Diagnostic and Preventive	382972	306377.6	
6.	09211	Local Anesthesia, for therapy	302541	121016.4	
7.	00130	Other Examination	256711	102684.4	
8.	02954	Intermediate Base	249869	49973.8	
9.	00120	Oral Examination (Annual or Periodic)	231433	185146.4	1,620,031.00
10.	02952	Restoration Polish	111839	89471.2	
11.	02140	Amalgam-One Surface	110784	110784.0	1,550,976.00
12.	01110	Adult Prophylaxis	105095	189171.0	1,786,615.00
13.	00330	Panoramic Film	104442	41776.8	2,088,840.00
14.	00133	Screening Examination	92037	36814.8	
15.	02960	Rubber Dam Application	91456	36582.4	
16.	01240	Topical Application	89635	62744.5	896,350.00
17.	01360	Plaque and Tissue Indices	75579	30231.6	
18.	09631	Prescription	74350	22305.0	
19.	02150	Amalgam-Two Surface	74064	140721.6	1,629,408.00
20.	02940	Sedative/Temporary Restoration	60251	30125.5	
21.	09918	Postoperative Treatment	57177	28588.5	
22.	07110	Tooth Removal	56327	39428.9	844,905.00
23.	09923	Dental Cast	48783	39026.4	
24.	04343	Periodontal Scaling and Root Planing	41824	58553.6	794,656.00
25.	07901	Postsurgical Treatment	41809	20904.5	
TOTAL			4462153	2754050.9	12,288,383.5
Percent of Total			85 %	69 %	40

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	463261	509587.1	
2.	01330	Individual Oral Health Counseling	456519	136955.7	
3.	00220	Intraoral Film	447824	89564.8	1,119,560.00
4.	04342	Periodontal Scaling	416824	250094.4	
5.	09972	Patient Handling Time, Diagnostic and Preventive	385877	308701.6	
6.	09211	Local Anesthesia, for therapy	289162	115664.8	
7.	00130	Other Examination	255459	102183.6	
8.	02954	Intermediate Base	235727	47145.4	
9.	00120	Oral Examination (Annual or Periodic)	230220	184176.0	1,611,540.00
10.	00330	Panoramic Film	124652	49860.8	2,493,040.00
11.	00133	Screening Examination	113771	45508.4	
12.	02140	Amalgam-One Surface	106192	106192.0	1,592,880.00
13.	01110	Adult Prophylaxis	106043	190877.4	1,802,731.00
14.	01240	Topical Application	100387	70270.9	1,003,870.00
15.	02952	Restoration Polish	93734	74987.2	
16.	02960	Rubber Dam Application	89263	35705.2	
17.	01360	Plaque and Tissue Indices	83513	33405.2	
18.	09631	Prescriptions	71053	21315.9	
19.	02150	Amalgam-Two Surface	69393	131846.7	1,665,432.00
20.	02940	Sedative/Temporary Restoration	55576	27788.0	
21.	07110	Tooth Removal	53324	37326.8	799,860.00
22.	09918	Postoperative Treatment	49949	24974.5	
23.	09923	Dental Cast	49876	39900.8	
24.	01245	Topical Fluoride-Self Applied	39353	35417.7	
25.	09630	Other Therapeutic Medication	39242	23545.2	
		TOTAL	4426194	2692996.1	12.088,913.00
		Percent of Total		85 %	70 %
					41 %

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>WWU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patient Handling Time, all other clinical services	458188	504006.8	
2.	01330	Individual Oral Health Counseling	449865	134959.5	
3.	00220	Intraoral Film	408996	81799.2	1,022,490.0
4.	04342	Periodontal Scaling	307098	238258.8	
5.	09972	Patient Handling Time, Diagnostic and Preventive	341538	273230.4	
6.	09211	Local Anesthesia, for therapy	289266	115706.4	
7.	00130	Other Examination	252380	100952.0	
8.	02954	Intermediate Base	238651	47730.2	
9.	00120	Oral Examination (Annual or Periodic)	222191	177752.8	1,555,337.0
10.	02140	Amalgam-One Surface	104717	104717.0	1,570,755.0
11.	01110	Adult Prophylaxis	96621	173917.8	1,642,557.0
12.	02952	Restoration Polish	90370	72296.0	
13.	02960	Rubber Dam Application	89056	35622.4	
14.	00133	Screening Examination	87491	34996.4	
15.	00330	Panoramic Film	87257	34902.8	1,745,140.0
16.	01240	Topical Application	83323	58326.1	833,230.0
17.	01360	Plaque and Tissue Indices	76467	30586.8	
18.	02150	Amalgam-Two Surface	70684	134299.6	1,696,416.0
19.	09631	Prescriptions	64730	19419.0	
20.	02940	Sedative/Temporary Restoration	57037	28518.5	
21.	09923	Dental Cast	48918	39134.4	
22.	09918	Postoperative Treatment	46727	23363.5	
23.	07110	Tooth Removal	46311	32417.7	694,665.0
24.	04343	Periodontal Scaling and Root Planing	42634	59687.6	852,680.00
25.	04330	Occlusal Adjustment, Limited	40983	28638.1	
TOTAL			4101499	2585289.8	11,613,270.00
Percent of Total				83 %	71 %
					40 %

2ND QTR FY81

TOP 25

<u>RANK</u>	<u>CODE</u>	<u>PROCEDURE DESCRIPTION</u>	<u>PROCEDURE</u>	<u>W/HU</u>	<u>DOLLAR VALUE</u>
1.	09973	Patients Handling Time, all other clinical services	482700	530970.0	
2.	01330	Individual Oral Health Counseling	473868	142160.4	
3.	04342	Periodontal Scaling	445163	267097.8	
4.	00220	Intraoral Film	441440	88238.0	1,103,600.00
5.	09972	Patients Handling Time, Diagnostic and Preventive	363242	290593.6	
6.	09211	Local Anesthesia, for therapy	307179	122871.6	
7.	00130	Other Examination	271960	108784.0	
8.	02954	Intermediate Base	250694	50138.8	
9.	00120	Oral Examination (Annual or Periodic)	227143	181714.4	1,590,001.00
10.	02140	Amalgam-One Surface	113665	113665.0	1,704,975.00
11.	02952	Restoration Polish	103277	82621.6	
12.	01110	Adult Prophylaxis	100341	180613.8	1,705,797.00
13.	00330	Panoramic Film	99482	39792.8	1,989,640.00
14.	00133	Screening Examination	93372	37348.8	
15.	02960	Rubber Dam Application	91360	36544.0	
16.	01240	Topical Application	84211	58947.7	842,110.00
17.	01360	Plaque and Tissue Indices	83585	33434.0	
18.	02150	Amalgam-Two Surface	74920	142348.0	1,798,080.00
19.	09631	Prescription	71629	21488.7	
20.	02940	Sedative/Temporary Restoration	57007	28503.5	
21.	09923	Dental Cast	50852	40681.6	
22.	09630	Other Therapeutic Medication	47979	28787.4	
23.	07110	Tooth Removal	47398	33178.6	710,970.00
24.	09918	Postoperative Treatment	46135	23067.5	
25.	04343	Periodontal Scaling and Root Planing	43252	60552.8	865,040.00
TOTAL			4471854	2744194.4	12,310,213.00
Percent of Total					41 %

RANKING OF DOLLAR VALUE PROCEDURES AMONG

TOP 25 PROCEDURES

CONUS

	<u>80-1</u>	<u>80-2</u>	<u>80-3</u>	<u>80-4</u>	<u>81-1</u>	<u>81-2</u>
Intraoral Film	2	3	3	3	3	4
Oral Exam (Annual)	9	9	9	9	9	9
Amalgam-One Surface	11	12	11	12	10	10
Panoramic Film	12	11	12	10	15	13
Adult Prophylaxis	14	14	13	13	11	12
Topical Application	15	16	16	14	16	16
Amalgam-Two Surface	17	17	19	19	18	18
Tooth Removal	22	22	22	21	23	23
Resin, Simple	25	-	-	-	-	-
Perio Scal & Root Planing	-	14	14	-	24	25

HSC
TOTAL DOLLAR VALUE OF TOP 25 PROCEDURES

MILLION
PFT

13

12

11

10

9
80.1 80.2 80.3 80.4 81.1 81.2

HSC
TOP 25 PROCEDURES
PERCENT OF TOTAL DOLLAR VALUE
(CURRENT 81 FEE SCALE)

PERCENT
45

40

•

•

•

•

•

•

35

30 . 80.1 80.2 80.3 80.4 81.1 81.2

PRODUCTIVITY RATING

\$ Prod to \$ Cost

	80-1	81-1	Oct 79 - Jan 81
Top:	1. Ord 2. Hawaii 3. Jackson 4. Alaska 5. L. Wood	1. Jackson 2. L. Wood 3. Gordon 4. McClellan 5. Ord	1. Jackson 2. Ord 3. McClellan 4. L. Wood 5. Hawaii
Bottom:	37. Panama 36. W. R. 35. Lee 34. Riley 33. Knox	W. R. Panama Riley Lee Fitzsimons	W. R. Panama Riley Lee Knox

Same method - shows slight decline in overall HSC system when quarters (80.1 to 81.1) are compared.

Formula For Quarterly \bar{X} Productivity =

$$\frac{\$ \text{ PROD.}}{\$ \text{ COST}} \div \text{ No. of Months/qtr} = \bar{X} \text{ Prod}$$

$$\sum \frac{\text{Dentac } \$\text{Prod/Mo}}{\text{Dentac } \$\text{Cost/Mo}} = \bar{X} \text{ Prod}$$

No. of Dentac Mo/Qtr

APPENDIX H

Fee Scale FY 81

DR. GUY L. WILHELM

I. DIAGNOSTIC

CODE	DESCRIPTION	COST
00100	Periodontal Exam	7.00
00110	Comprehensive Exam	7.00
00210	Intraoral Radios	31.00
00220	Intraoral Film	2.00
00330	Extraoral Film	23.00
00340	Periapical Film	23.00

II. PREVENTIVE

01100	Adults Prophylaxis	17.00
01120	Child Prophylaxis	12.00
01240	Topical Application	10.00
01360	Application of Pit & Fissure Sealants	10.00

III. RESTORATIVE

02140	Amalgam - 1 Surface	15.00
02150	Amalgam - 2 Surfaces	24.00
02160	Amalgam Restoration - 3 Surfaces	30.00
02161	Amalgam Restoration - 4 or more Surfaces	33.00
02310	Resin, Simple	20.00
02330	Resin, Complex	26.00
02410	Gold Foil Class I	60.00
02420	Gold Foil Class II	175.00
02430	Gold Foil Class III	125.00
02440	Gold Foil Class IV	200.00
02450	Gold Foil Class V	60.00
02511	Inlay, 1 Surface	100.00
02521	Inlay, 2 Surfaces	130.00
02531	Inlay, 3 Surfaces	140.00
02541	Onlay - Deep Coverage	130.00
02542	Pinbridge Restoration	150.00
02910	Sediment Inlay, Crown or Fissure Partial Denture	10.00
02950	Pin Retention	2.00

IV. ENDODONTICS

03100	Intpatoi, Deciduous	23.00
03120	Intpatoi, Permanent	23.00
03241	Anterior 1 canal filled	125.00
03250	Anterior 2 or more Canals filled	125.00
03311	Posterior 1 canal filled	150.00
03321	Posterior 2 canals filled	150.00
03330	Posterior 3 or more canals filled	150.00
03351	Intpato 1 canal filled	150.00

IV. DENTAL THERAPEUTICS

03100	Scaling & Root Planing	
03102	Scaling & Root Planing	
03104	Scaling & Root Planing, Full Arch	
03140	Endodontic Root Canal Treatment	
03160	Scaling of Subgingival & Sub	

V. PERIODONTICS

04210	Gingivectomy	10.00
04220	Gingival Thermoplasty	10.00
04230	Gum Graft Reinforcement Surgery	100.00
04251	Gum Graft	150.00
04270	Pedicled Soft Tissue Graft	150.00
04271	Free Soft Tissue Graft	150.00
04272	Vestibuloplasty	150.00
04320	Provisional Splint, Intermaxillary	100.00
04321	Provisional Splint, Intramaxillary	75.00
04330	Orthodontic Adjustment, Complex	50.00
04340	Periodontal Scaling & Root Planning	75.00
04351	Root Desensitization	75.00
04361	Orthodontic Orthopedic Appliances	100.00
04363	Other Periodontal Applications	100.00
04371	Root Preparation	100.00

VI. PROSTHODONTICS, Removable

05110	Maxillary	350.00
05120	Mandibular	350.00
05120	Resin Maxillary	350.00
05140	Resin Mandibular	350.00
05161	Resin Maxillary	150.00
05162	Resin Mandibular	150.00
05203	Cast Metal Maxillary	350.00
05204	Cast Metal Mandibular	350.00
05205	Cast Metal Maxillary Resin	350.00
05206	Cast Metal-Mandibular Resin	350.00
05210	With Cast Metal Occlusals	350.00
05220	With Amalgam Occlusals	350.00
05411	Complete Denture	30.00
05521	Partial Denture	30.00
05711	Maxillary Duplicate Denture	150.00
05731	Paline Complete Maxillary (Chairside)	60.00
05732	Paline Complete Mandibular (Chairside)	60.00
05741	Paline Recoverable Partial Maxillary (Chairside)	60.00
05742	Paline Recoverable Partial Mandibular (Chairside)	60.00
05751	Paline Complete Maxillary (Laboratory)	100.00

VI. PROSTHESES, Removable

05182	Palate Replicate Mandibular (Removable)	100.00
05184	Palate Reparable Partial Denture (Removable)	100.00
05782	Palate Reparable Section Mandibular (Removable)	100.00
05783	Palate Reparable Section Maxillary (Removable)	300.00
05185	Palate Reparable Mandibular (Removable)	100.00
05785	Palate Reparable Partial Maxillary (Removable)	300.00
05786	Palate Reparable Partial Mandibular (Removable)	100.00
05610	Pearl, Removable Partial Mandibular (Removable)	100.00
05811	Pearl, Temporary (Complete, Removable Partial or Fixed Partial)	100.00
05814	Oven-baked Immediate Mandibular	350.00
05815	Oven-baked Immediate Maxillary	350.00
05816	Oven-baked Mandibular, Metal	350.00
05817	Oven-baked Maxillary, Metal	350.00
05852	Oven-baked Maxillary	350.00
05763	Oven-baked Maxillary	350.00
05854	Oven-baked Partial Maxillary	350.00
05855	Oven-baked Partial Maxillary	350.00
05856	Oven-baked Immediate Mandibular Removable Partial Denture	350.00
05867	Oven-baked, Immediate Mandibular Removable Partial Denture	350.00
05910	Nas Prosthesis	700.00
05915	Nose Prosthesis	600.00
05920	Eye Prosthesis	350.00
05970	Obturator	750.00
05980	Speech Bulb	200.00

VII. PROSTHESES, Fixed

06110	Acrylic Resin, Veneered Crown	200.00
06130	Porcelain Fused to Metal	250.00
06140	Reverse Pin Fusing and Metal	250.00
06150	Partial Veneer, Metal	250.00
06160	Complete Crown, Metal	200.00
06201	Cast Metal	200.00
06203	Porcelain	200.00
06204	Acrylic Veneered Denture	200.00
06220	Slotted Veneer or Porcelain	250.00
06240	Porcelain Fused to Metal	250.00
06410	Replace Broken Fusing	30.00
06710	Acrylic Resin (Processed)	30.00
06713	Acrylic Resin, Veneered Crown	200.00
06715	Dowel and Core, Metal	70.00
06719	Stainless Steel, Nitinol, Cobalt-Chromium	120.00
06750	Porcelain	200.00
06750	Porcelain Fused to Metal	150.00
06760	Reverse Pin Fusing and Metal	250.00
06780	Partial Veneer, Metal	200.00
06790	Complete Crown, Metal	200.00

VII. ORAL AND MAXILLOFACIAL SURGERY

07301	Wise-Palmer	\$100.00
07302	Tissue Removal, complicated	200.00
07303	Swelling Removal, Inflamed	100.00
07304	Surgical Excision, skin	100.00
07305	Oral Tissue Biopsy or Excisional Biopsy	100.00
07306	Skin or Internal Grafts	100.00
07307	Alveoloplasty or Gummy Graft	100.00
07308	Alveoloplasty with Implants	100.00
07309	Hirschmann	100.00
07310	Cysto-ctomy, Uncomplicated	100.00
07311	Cysto-ctomy, Complicated	100.00
07312	Salivary Gland Surgery	100.00
07313	Resection, Tonsil Tissue	100.00
07314	Removal of Non-Herbogenous Tissue or Tumor	100.00
07315	Decortication of Lesions	100.00
07316	Excision of Lesions	100.00
07317	Partial Resection, Maxilla or Mandible	1,400.00
07318	Biopsy	50.00
07319	Removal of Foreign Body	200.00
07320	Mandibular Osteotomy	400.00
07321	Maxilla, Open Reduction	400.00
07322	Mandible, Closed Reduction	400.00
07323	Mandible, Open Reduction	700.00
07324	Maxilla, Closed Reduction	400.00
07325	Hyperacute Complex Fracture	700.00
07326	Facial Bone Fractures	1,100.00
07327	Other Fracture Reduction	700.00
07711	Maxillary Osteotomy, Total	1,400.00
07712	Maxillary Osteotomy, Segmental	800.00
07721	Maxillomolar Osteotomy, Roots	1,400.00
07722	Condylar Osteotomy, Body	1,400.00
07723	Augmentation, Contouring, Reduction	650.00
07811	Reduction of Dislocation	100.00
07815	Myofacial Pain Dysfunction Treatment	250.00
07826	Maxillomolar Manipulation	100.00
07845	Temporomandibular Joint Surgery	250.00
07860	Arthrocentesis, Arthrography, Injection	100.00
07960	Promectomy	50.00

VIII. ORTHODONTICS

Full bonded cases (starts)	\$300.00
(finished)	700.00
Partial ortho i.e.,	200.00
Uprighting	
cross bite corrections	
opening spaces	
interceptive orthodontics	

ANSWER: The following statements are true:
STATEMENT 1: Information about the number of
STATEMENT 2: The number of observations per individual

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