

NBSIR 73-285

Structure Analysis and Program Planning Study of the Army Nurse Corps (ANC)

Part II

John W. Rowen, Ralph B. Swisher, Patsy B. Saunders

Technical Analysis Division
Institute for Applied Technology
National Bureau of Standards
Washington, D. C. 20234

October 1, 1973

Final Report: Project No. 431 4487

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U. S. DEPARTMENT OF COMMERCE, Frederick B. Dent, Secretary
NATIONAL BUREAU OF STANDARDS, Richard W. Roberts, Director

PART II
ANNEXES TO FINAL REPORT

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PROMOTION, SEPARATION AND RETIREMENT SYSTEM OF THE ARMYIntroduction

The Army Nurse Corps (ANC) structure is an important component in the quality of Army patient care. This structure is markedly affected by the individual nurse officers' numerous career transitions, promotions, career modifications, separations and retirements. These career factors are both deterministic and stochastic in nature; they profoundly impact upon the ANC leadership and nursing skills thus directly influencing the quality of patient care. This paper describes in nontechnical terms the effects of the statutory, regulatory, recruitment, and training factors upon the ANC and its efforts in providing for the ever-changing needs of the service. This Appendix has been prepared as part of the Office of the Surgeon General (OTSG) study entitled "ANC Structure Analyses and Program Planning Studies." It thus contains a description of the recruitment, promotion, separation, and retirement processes for the U.S. Army. Much of the material has been gleaned by the staff at the National Bureau of Standards from the UNITED STATES CODE ANNOTATED -- Title 10 "Armed Forces" Sections 3001 - 5000 - Subtitle B (Army).

Promotion

The U.S. Army operates the following three separate promotion systems: the Regular Army system, the reserve system and finally the AUS (temporary) system. These systems have some elements in common but there are differences and each system applies to a quite different constituency. There follows a general discussion first and a more detailed description of each system afterwards.

The Secretary of the Army, through his designated representative, annually appoints promotion boards for the grades of 1st Lt. (02), Captain (03), Major (04), Lt. Col. (05), Col. (06), and General (07). Since the ANC has only one General this report will concentrate on grades of 1st Lt. to Col. and not delve into the details of promotion to General. The promotion boards are instructed on the maximum number of officers they are to recommend from the list presented to them. This list is developed in the following manner: A date is selected by the Secretary of the Army for each grade level. All the officers in that grade with date of rank on or before the specified date are in the zone of consideration. Officers in the zone of consideration are ordered by time in grade (TIG) and then by active Federal commissioned service time (AFCS) among those having the same time in grade. No officer may be considered for promotion unless all those above him are also considered.

Except for the grade of Col. the ratio of the number allowed to be promoted to the number in the zone of consideration (an officer's "opportunity" for promotion) must be no less than 0.8². The officers not recommended are considered passed over.

Regular Army

We shall consider the Regular Army system first. The Regular Army is the standing Army of the Nation and its size is fixed by law. The officer complement of the Regular Army is fixed³ by law at 49,500

(exclusive officers of the ANC, the Army Medical Specialist Corps and the permanent professors of the U. S. Military Academy). Currently, there is no statutory maximum number of officers in the ANC. However, the Secretary of the Army has placed an administrative maximum of 1200 for the Regular Army component of the Nurse Corps. Regular Army officers have the following statutory maximum time in commissioned service limitations for Regular Army promotions.

- | | |
|-----------------------|----------|
| 1) 2nd Lt. to 1st Lt. | 3 years |
| 2) 1st Lt. to Capt. | 7 years |
| 3) Capt. to Major | 14 years |
| 4) Major to Lt. Col. | 21 years |

Each officer must be considered by a promotion board far enough in advance to meet the time limitations shown above. If an officer is passed over, his length of service (for promotion purposes only) is reduced⁴ by one year.

Reserve Army System

The Reserve Army Promotion System operates in a similar manner to the Regular Army System except that the time limitations are different than those shown above. For the Reserve officers the maximum statutory time in service limitations are:

- | | |
|-----------------------|----------|
| 1) 2nd Lt. to 1st Lt. | 3 years |
| 2) 1st Lt. to Capt. | 6 years |
| 3) Capt. to Major | 12 years |
| 4) Major to Lt. Col. | 17 years |

If an officer is passed over for promotion these statutory time limitations are increased by one year for that officer. Any Reserve officer on active

duty who is serving in a temporary grade higher than his permanent grade need not be considered by the promotion board but is automatically considered to have been recommended and is promoted when he reaches the appropriate time in service limitation⁵ specified above.

AUS System

The third promotion system relates to all officers (both Regular and Reserve) who are on active duty and it is referred to as the Army of the United States (AUS). This third system is the temporary promotion system and it operates independently of the other two. Promotions usually occur more rapidly under this system and officers are considered together disregarding their status as Regular or Reserve Army officers. The temporary system (AUS) allows the Army in time of increased military commitments to fill positions of responsibility.

There are two major differences in the AUS promotions as compared with the Regular and Reserve position systems. The first difference is that an officer passed over twice is not separated by statutory requirements. However, experience indicates that few officers below the grade of Lt. Col. who are passed over remain on active duty, and in the Regular and Reserve systems an officer below the grade of Lt. Col. passed over twice for promotion is separated. The exception to this practice is the officer with 18 or 19 years of service at the time of his second pass over is allowed to continue until he accrues the specified 20 years of service. The second difference in AUS promotions is that the Army may at its discretion when forming the promotion lists make up a secondary

zone of consideration. The officers in the secondary zone are in effect all those not in the primary zone. Instructions may be given to select a small number of officers from this group to promote. Naturally this reduces the number of officers recommended from the primary zone. This "procedure" allows the Army to promote promising officers ahead of their contemporaries. Officers are promoted as vacancies occur while in the other two systems they are promoted on the anniversary of their previous promotions.

Separation, Retention, and Retirement from the Army

To completely describe flow through the system knowledge is necessary about various ways in which officers leave the service. This process is complex and will be discussed in terms of retirement and separation. These terms shall be understood to be mutually exclusive.

Within each of these two ways of leaving the service we shall consider both voluntary and involuntary means. First let us concentrate on retirement. With rare exception all Reserve officers with 20 years of service are retired. Regular Army officers have guaranteed tenure of 28 years of service at the grade of Lt. Col. or the maximum of 30 years service or 5 years in grade at the permanent grade of Col. Regular Army officers may elect to retire at any time after 20 years of service. Regular Army officers below the grade of Lt. Col. must retire after 21 years unless they have been selected for promotion to Lt. Col. Lt. Cols. must retire after 28 years unless they have been selected for promotion to Col.

The only involuntary means of separation other than for cause is as a result of (for an officer below the grade of Lt. Col.) having been passed over

twice for permanent promotion. Officers twice passed over are released from active duty within a year unless they have 18 or 19 years active Federal commissioned service. In that case they are allowed to remain on active duty until they have accrued 20 years service and are then retired.

Any officer may resign from the Army upon completion of his obligated tour of duty.

ANNEX II - 2

Quantitative Description of Force Structure Changes In Terms of Transition Probabilities

As mentioned in Section 6.1 the total number of transitions possible by officers in a cohort group is six transitions denoted by six subscripts. These subscripts include all temporary and permanent promotions related to service component, years of service, time in temporary/permanent grades, differences in the temporary/permanent grades and MOS. The six component cohort vector $(\alpha, \beta, \gamma, \Delta, \rho, \theta)$ are of two types: those involving promotion and those which do not. The functions of importance are two compound transition probabilities for promotion and transfer respectively. The promotion system, as seen in Figure 1, encompasses both regular and reserve officers, temporary and permanent promotion and these complete expressions and detailed balance equations are complex. The following provide a complete description. In these equations:

$N_i(t)$ = number of officers of grade i at time t

$P_{\beta', \beta, i}$ = probability that an officer of grade i and MOS β' switches to MOS β

ANG PROMOTION SYSTEM

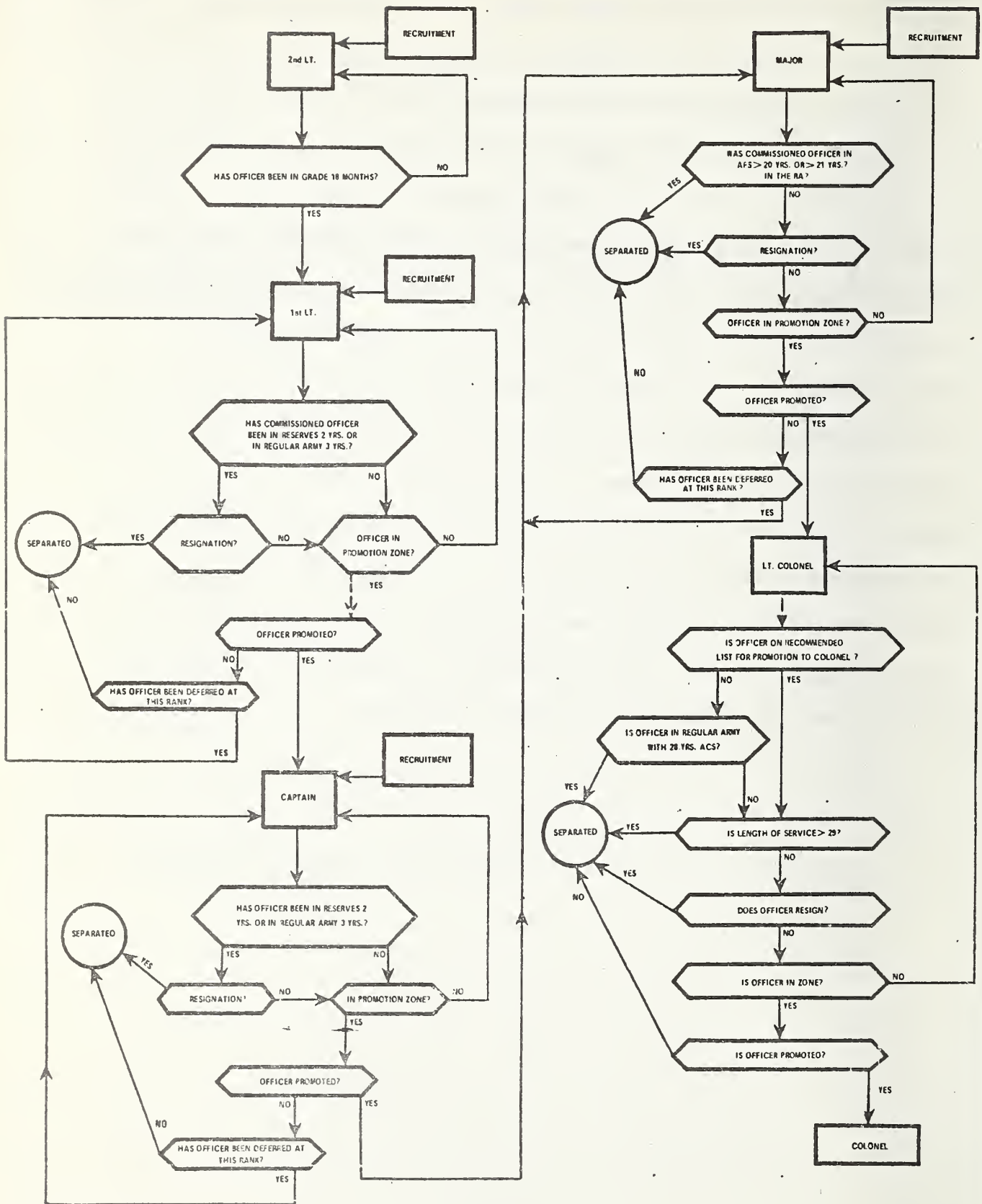


FIGURE 1

for all grades and components. The model first extracts from the Nurse Officer Master File the present composition of the Corps in terms of component, permanent and temporary grade, time in permanent grade, time in temporary grade, and PMOS. Using the rules and rates discussed above, forecasts of the structure of the Corps are made in terms of these variables and factors.

This description illustrates both the power and the limitations of the model. The effects of varying recruitment and promotion policy are readily computed. Attrition rates can be easily altered to determine their impact on the forecasted configuration. Changes in MOS mixes may be brought about by factors mentioned above and other stochastic elements and specific policy changes. It leaves the definition of the desired or preferred structure in the hands of the planner and gives him a flexible tool to determine the consequences, in advance, of budget, retirement, training and incentive policies, and other means he deems appropriate for attaining the desired or preferred structure.

The promotion system encompassing both regular and reserve officers, temporary and permanent promotions, as described under Introduction is necessarily quite complex. The following equations give a complete description of that system. In these equations:

$N_i(t)$ - number of officers of grade i at time t

$p_{\beta',\beta,i}$ - probability of officer of grade i and MOS β' switching to
MOS β

$\lambda_{(\alpha, \gamma, i)}$ - attrition rate for officers of grade i , component α ,
 years of active federal service γ

\hat{P}_i - the probability of receiving a permanent promotion for
 eligible officers in grade i

N_i - the probability of receiving a temporary promotion for
 eligible officers in grade i

$\alpha = \begin{cases} 0 & \text{- regular army} \\ 1 & \text{- reserve} \end{cases}$

$\beta =$ MOS code

$\gamma =$ years of active federal service

$\Delta =$ time in temporary grade

$\rho =$ time in permanent grade

$i =$ temporary grade

$\theta =$ difference between permanent and temporary grade.

Equations that describe transitions encountered by Colonels.

1) No promotion

$$N_6(t+1)_{(\alpha, \beta, \gamma, \Delta, \rho, \theta)} = \sum_{\beta'} N_6(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \theta)} P_{(\beta', \beta, 6)} (1 - \lambda_{(\alpha, \gamma, 6)})$$

2) Temporary promotion to Colonel, no permanent promotion.

$$N_6(t+1)_{(\alpha, \beta, \gamma, \rho, \rho, \theta+1)} = \sum_{(\beta', \Delta \in Z_5)} N_5(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \rho-1, \theta)} \cdot \hat{P}_5 \cdot p_{(\beta', \beta, 5)} (1 - \hat{P}_5)$$

3) Permanent promotion to Colonel, no temporary promotion.

$$N_6(t+1)_{(\alpha, \beta, \gamma, \Delta, \rho, \theta-1)} = \sum_{\beta'} N_6(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \rho, \theta)} \cdot \hat{P}_5 \cdot p_{(\beta', \beta, 5)}$$

4) Temporary and permanent promotion to Colonel.

$$N_6(t+1)_{(\alpha, \beta, \gamma, 0, 0, 0)} = \sum_{(\beta', \Delta \in Z_5)} N_5(t)_{(\alpha, \beta', \gamma-1, \Delta, \rho, 0)} \cdot \hat{P}_5 \cdot P(\beta', \beta, 5)$$

5) Temporary promotion to Colonel, permanent promotion to Lt. Col.

$$N_6(t+1)_{(\alpha, \beta, \gamma, 0, 0, 1)} = \sum_{\substack{(\beta', \Delta, \epsilon \in Z_5) \\ \rho > 7}} N_5(t)_{(\alpha, \beta, \gamma-1, \Delta, \beta, 1)} \cdot P(\beta', \beta, 5) \cdot P_5 \cdot \hat{P}_4$$

Equations that describe transitions encountered by grades 1st Lt. - Lt. Col.

1) No promotion.

$$N_i(t+1)_{(\alpha, \beta, \gamma, \Delta, \rho, \theta)} = \sum_{(\beta', \Delta-1 \in Z_i)} N_i(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \rho-1, \theta)} \cdot P(\beta', \beta, i) \\ \cdot (1-\lambda_{(\alpha, \gamma, i)}) \cdot (1-P_i) \\ + \sum_{(\beta', \Delta-1 \in Z_i)} N_2(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \rho-1, \theta)} \cdot P(\beta', \beta, i) (1-\lambda_{(\alpha, \gamma, i)})$$

2) Temporary promotion, no permanent promotion.

$$N_i(t+1)_{(\alpha, \beta, \gamma, 0, \rho, \theta+1)} = \sum_{(\beta', \Delta \in Z_i)} N_{i-1}(t)_{(\alpha, \beta', \gamma-1, \Delta, \rho-1, \theta)} P_i P(\beta', \beta, i) \cdot (1-\lambda_{(\alpha, \gamma, \rho)}) \\ \rho \leq \text{statutory} \\ \text{no. of years}$$

3) Permanent promotion, no temporary promotion.

$$N_i(t+1)_{(\alpha, \beta, \gamma, \Delta, 0, \theta-1)} = \sum_{(\beta', \Delta-1 \in Z_i)} N_i(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \rho, \theta)} \cdot (1-P_i) \cdot \hat{P}_i \\ \rho \geq \text{statutory} \\ \text{number of years} \\ \cdot P(\beta', \beta, i) \cdot (1-\lambda_{(\alpha, \gamma, i)}) + \sum_{(\beta', \Delta-1 \in Z_i)} N_i(t)_{(\alpha, \beta', \gamma-1, \Delta-1, \rho, \theta)} \cdot \hat{P}_i \cdot P(\beta', \beta, i) \\ \rho \geq \text{statutory} \\ \text{no. of years} \\ \cdot (1-\lambda_{(\alpha, \gamma, i)})$$

4) Temporary and permanent promotion.

$$N_i(t-1)_{(\alpha, \beta, \gamma, 0, 0, 0)} = \sum_{(\beta', \Delta \in Z_{i-1})} N_{i-1}(t)_{(\alpha, \beta', \gamma-1, \Delta, \rho, 0)} \cdot P_{(\beta, \beta, i)} \cdot P_{i-1} \cdot \hat{P}_{i-1}$$

$\rho >$ statutory
no. of years

5) Permanent and temporary promotions to different grades.

$$N_i(t+1)_{(\alpha, \rho, \gamma, 0, 0, 1)} = \sum_{(\beta, \Delta \in Z_{i-1})} N_{i-1}(t)_{(\alpha, \beta, \gamma-1, \Delta, \rho, 1)} \cdot P_{i-1} \cdot \hat{P}_{i-1} \cdot P_{(\beta', \beta, i)}$$

$\rho >$ statutory
no. of years

Note: Some of these equations may be modified by adding the term $R_{i, \alpha, \beta}$

representing recruitment at the appropriate grade and MOS.

Equation for 1st Lt.

$$N_1(t)_{(\alpha, \beta, \gamma, \Delta, \rho, \theta)} = \sum_{\beta'} N_1(t)_{(\alpha, \beta, \gamma-1, \Delta-1, \rho-1, \theta)}$$

$$N_1(t)_{(\alpha, \beta, 0, 0, 0, 0)} = R(\alpha, \beta, 1)$$

Although these equations are quite complex, the actual sequence of steps needed to model flow through the Corps is not insurmountably complex. The flow diagram for the ANC promotion system is shown in Figure 1. The following sequential steps are applied to single nurse officers and the changes in status during the year are determined. These steps together with the processing of records, promotion points, MOS, and other variables and factors described in the Appendix represent the components of the Flow Computer Model.

MEDDAC ANALYSIS

The purpose of this Annex is to provide supplementary and reference material to that presented in the text (Section 4 of Part I) dealing with MEDDAC.

1 The MEDDAC Regression Model (MRM)

1.1 Examples of Additional Regression Results*

1.1.1 Many Variables

Several further examples of results will be presented, followed by a relatively brief description of a key idea, how well the regressions "fit." As mentioned in the text, one measure of fit is the quantity R^2 (explained below) which can take values between 0 and 1. Values near 1 are considered to represent very good fits and values near 0, poor fits.

- (1) One of the best fits that the study has obtained has the following form:

$$\begin{aligned}
 R^2 = .986; \quad y = & 21.067 + .01699x_1 + .2644x_{30} + .3592x_{10}^{-3} x_{17} \\
 & - .1752x_{13}^{-2} x_{14} + .9779x_{14}^{-2} x_{14} \\
 & + .5784x_{15}^{-4} x_{15} + 2.9177x_9 - 17.7573x_{60} \\
 & + .01662x_2 + 15.563x_{42},
 \end{aligned}$$

* The complete computer printout pertaining to each of the regressions discussed here is given in Annex II-4 for reference purposes. Only the one-page plots appearing at the end of each regression outputs are presented and discussed here.

where the variables are as follows:

y = no. of (ANC + DAC-RN) nurses

x_1 = no. of Beds Staffed

x_{30} = no. of M.D.'s

x_{17} = no. of Bed Occupied Days FY 72

x_{13} = Total Admissions FY 72

x_{14} = Total Births FY 72

x_{15} = Total Visits FY 72

x_9 = Normal no. of Operating Rooms

x_{60} = M.D./ANC staff ratio

x_2 = Average Daily Patient Census - all units

x_{42} = Professional/Nonprofessional staff ratio

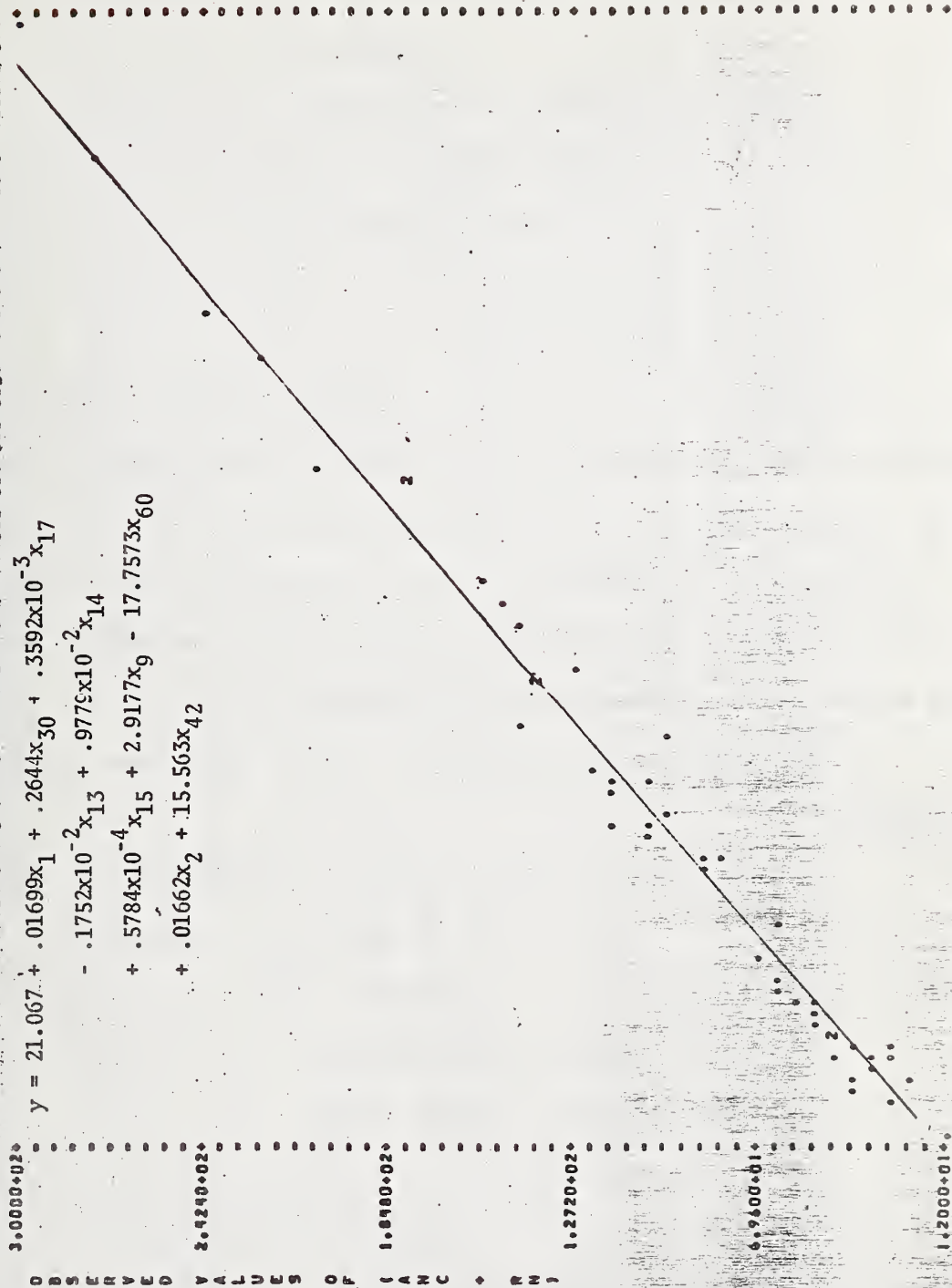
This equation means that if values of the indicated variables are substituted on the right-hand side, the equation will give an estimate of the number of professional nurses, $y = (\text{ANC} + \text{DAC-RN})$, in a MEDDAC.

An impression of the goodness of fit can be obtained from Figure 3-1 which plots the actual ("Observed") values of y against the calculated ("Fitted") estimates obtained by substituting the values of the variables for each MEDDAC in the above equation. Most of the values are seen to lie close to a straight line. They would all actually lie on a line if the fit were perfect ($R^2 = 1$), i.e., if each calculated estimate were equal to the actual number of (ANC + DAC-RN) nurses.

(2) In contrast to this, a simpler equation was obtained with far fewer variables and with a closeness of fit that may be regarded as almost equally good. This equation and accompanying plot were given in the text (Part I, Section 4) but are included here for convenience:

ABS= COLUMN 60, ORD= COLUMN 70 (,),

$$\begin{aligned}
 y = & 21.067 + .01699x_1 + .2644x_{30} + .3592x_{10}^{-3}x_{17} \\
 & - .1752x_{10}^{-2}x_{13} + .9779x_{10}^{-2}x_{14} \\
 & + .5784x_{10}^{-4}x_{15} + 2.9177x_9 - 17.7573x_{60} \\
 & + .01662x_2 + 15.563x_{42}
 \end{aligned}$$



3.0000+02
 3.4240+02
 1.8180+02
 1.2720+02
 6.9100+01
 1.2000+01
 1.9328+01
 7.6777+01
 1.3123+02
 1.9167+02
 2.4912+02
 3.0657+02

Figure 3-1 Ten Variable Predictor Equation for Nurses

$$R^2 = .957; \quad y = 8.927 + .7707x_{17}^{-3} + .4238x_{15}^{-4} + .6493x_{14}^{-2}$$

where the variables are as follows:

y = no. of (ANC + DAC-RN) nurses

x_{17} = no. of Bed Occupied Days FY 72

x_{15} = Total Visits FY 72

x_{14} = Total Births FY 72

The corresponding plot of actual vs. computed y is shown in Figure 3-2 and the eye can hardly detect from the two plots that the fit is less close. For this equation, additional calculation showed that the estimates of y differed from the actual values by 10 percent or less in as many as half the cases. This shows that it need not be necessary to have many variables in order to obtain a reasonably good fit.

(3) An example of an intermediate case is as follows, with 7 variables:

$$R^2 = .979; \quad y = 5.524 + .2109x_{30} + .3666x_{17}^{-3} - .1539x_{13}^{-2} + .8278x_{14}^{-2} + .6082x_{15}^{-4} + 2.500x_9 + .04319x_2,$$

where the variables are as follows:

y = no. of (ANC + DAC-RN) nurses

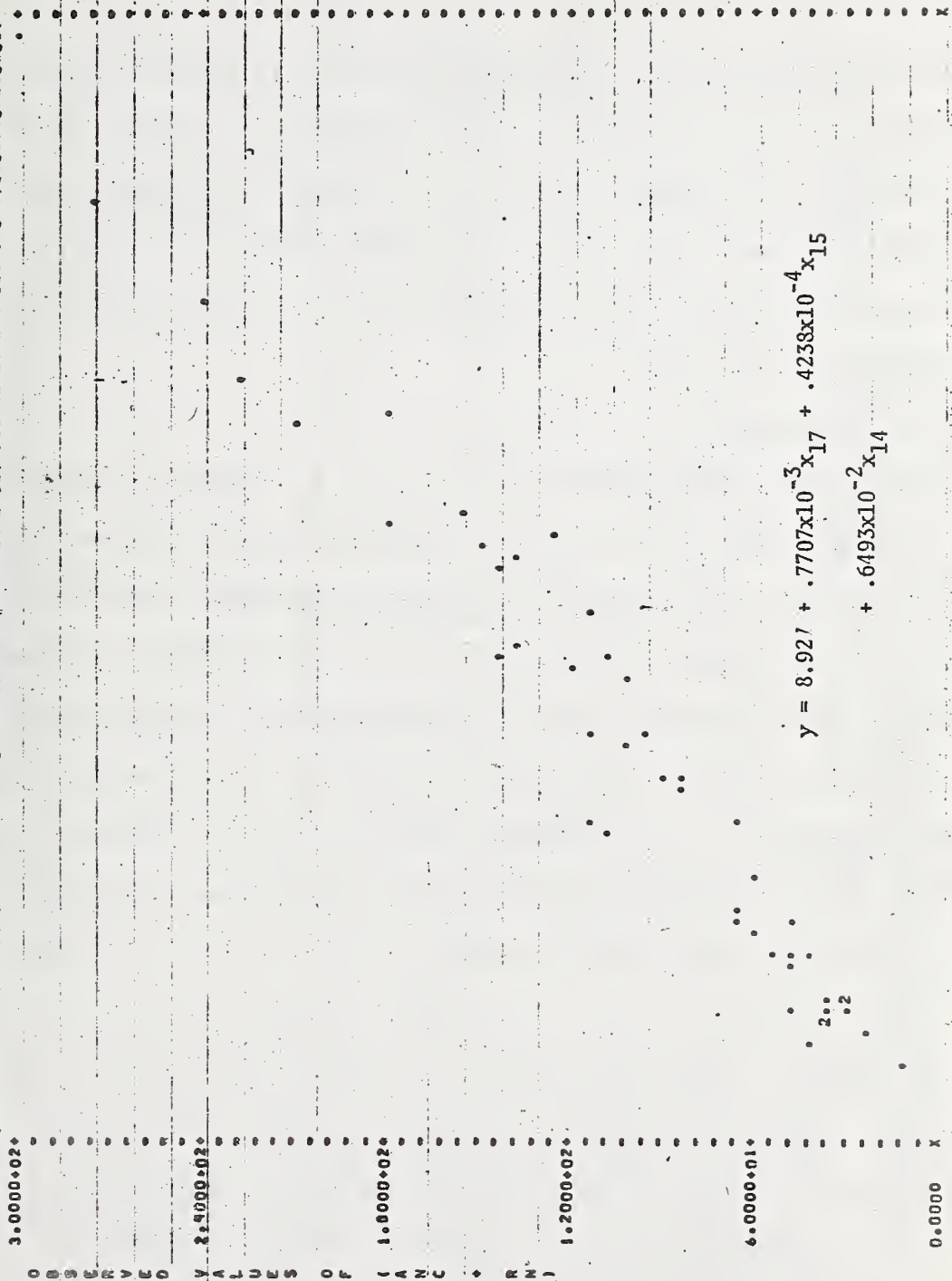
x_{30} = no. of M.D.'s

x_{17} = no. BOD

x_{13} = Total Admissions FY 72

x_{14} = Total Births FY 72

ABS- COLUMN 66 ORD- COLUMN 70 (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BEC/USE THEY FALL OUTSIDE OF BOUNDS IS 0



$$y = 8.921 + .7707 \times 10^{-3} x_{17} + .4238 \times 10^{-4} x_{15} + .6493 \times 10^{-2} x_{14}$$

6.0000+01
 1.2000+01
 1.8000+02
 2.4000+02
 3.0000+02

Figure 3-2 Three Variable Predictor Equation for Nurses

x_{15} = Total Visits FY 72

x_9 = Normal no. of Operating Rooms

x_2 = Average Daily Patient Census - all units

The corresponding plot of actual vs. computed y is shown in Figure 3-3, and again there is little difference in fit compared to the other equations.

The percentage residuals calculation showed that the estimates of y differed from the actual values by 10 percent or less in nearly 2/3 of the cases (29 out of 47), and by 5 percent or less in about 1/3 of the cases (16 out of 47).

1.1.2. One Variable

It also seemed worthwhile to look at, so to speak, the other end of the scale, where only 1 variable was fitted to the same variable y as above, and see to what extent that variable "explained" the actual number of professional nurses (ANC + DAC-RN) in the MEDDAC. Of the various variables tried one at a time, it is instructive to see how closely each of the three that are combined in the three-variable fitted equation above (and, in addition, the remaining variable in the MCCU definition, namely, Admissions) can fit the observed staff variable y when used separately.

(1) $R^2 = .939$; $(ANC + DAC-RN) = 20.721 + .9248 \times 10^{-3} (BOD)$

Plot of actual vs. computed y is shown in Figure 3-4.

(2) $R^2 = .718$; $(ANC + DAC-RN) = 11.007 + .2114 \times 10^{-3} (Visits)$

Plot of actual vs. computed y is shown in Figure 3-5.

(3) $R^2 = .231$; $(ANC + DAC-RN) = 48.410 + .0486 (Births)$

Plot of actual vs. computed y is shown in Figure 3-6.

(4) $R^2 = .597$; $(ANC + DAC-RN) = 17.345 + .923 \times 10^{-2} (Admissions)$

Plot of actual vs. computed y is shown in Figure 3-7.

ABS= COLUMN 66 ,ORD= COLUMN 70 (01)

3.0000*02

$$y = 5.524 + .2109x_{30} + .3666x_{10}^{-3}x_{17} - .1539x_{10}^{-2}x_{13} \\ + .8278x_{10}^{-2}x_{14} + .6082x_{10}^{-4}x_{15} + 2.500x_9 \\ + .04319x_2$$

2.4240*02

1.8980*02

1.2720*02

4.9500*01

1.2000*01

1.4786*01

7.3184*01

1.3114*02

1.8992*02

2.4330*02

3.0268*03

THE FOLLOWING PRINTOUT GIVES EACH RESIDUAL AS A PERCENTAGE OF THE
 FITTED VALUE, IN HOSPITAL-NUMBER ORDER, THE COLUMNS FOLLOWING THE HOSPITAL
 ID NUMBER ARE FOR THE FIT OF (ANC + RN) AGAINST (1) BE'S STAFFED, HD'S, HCCU

Figure 3-3 Seven Variable Predictor Equation for Nurses

21

OHNITAD

ABS= COLUMN 68, ORD= COLUMN 70 (.),



3.0000+02
 2.4240+02
 1.8480+02
 1.2720+02
 4.9600+01
 1.2000+01
 3.0777+02
 2.5145+02
 1.9513+02
 1.3811+02
 8.2494+01
 2.6173+01

Figure 3-4 Number of Nurses Fitted Only to Bed Occupied Days (BOD)

22

ABS- COLUMN 68 ,ORD- COLUMN 70 (.),



3.0000+02
 2.4240+02
 1.0480+02
 1.02720+02
 6.9600+01
 1.2000+01
 1.0351+01
 6.7874+01
 1.1740+02
 1.6692+02
 2.1644+02
 2.6597+02

Figure 3-5 Number of Nurses Fitted Only to Number of Visits

ABS- COLUMN 68 ,ORD- COLUMN 70 (.,)



8,5044+01
 5,2793+01
 1,730+02
 1,4955+02
 1,8160+02
 2,1805+02

Figure 3-6 Number of Nurses Fitted Only to Number of Births

24

ABS= COLUMN 68 ,ORD= COLUMN 70 (.),



FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)
Figure 3-7 Number of Nurses Fitted Only to Total Admissions

25

Of the three variables in the 3-variable equation, Bed Occupied Days, Visits, Births, it is not surprising that BOD gives the closest fit, as being the most relevant determinant of total professional nursing staff, and that Births gives the poorest fit, as determining a workload mainly for only part of this staff, namely, those connected with newborn units. The variables, Visits, Admissions, while perhaps representing a workload that concerns the staff in general—thus giving better fit than Births—apparently are not as intimately related to the staff variable as actually occupied beds represented by the variable, BOD. Thus, apparently Bed Occupied Days explains the lion's share of size of staff, and there is relatively little to be gained by 2, 6, or even 9 more variables as in the equations of Section 1.1.1.

1.2 Goodness of Fit—Nontechnical Explanation

1.2.1. The Quantity R^2

The idea is to use a single number to express how closely the actual values of the dependent variable, y , the number of professional nurses, say, are reproducible from the fitted equation. The equation yields a calculated value of y , denoted y_C to avoid ambiguity, by substituting into the equation the values of the variables associated with the actual, or observed, value of y . If we denote values for a particular MEDDAC by the subscript i , then we are comparing y_i with y_{Ci} for all values of i , say $i = 1, 2, \dots, N$ if there are N MEDDAC. Our comparison is by means of the differences:

$$d_i = y_i - y_{Ci}, \quad i = 1, 2, \dots, N.$$

The explanation is simplified by considering the ideal case, where the fit is "perfect" and all differences or "residuals", d_i , are zero, i.e.:

$$d_i = 0, \quad i = 1, 2, \dots, N.$$

These n relations may be replaced by the single relation:

$$S = \sum_{i=1}^N d_i^2 = 0,$$

when it is realized that this sum of positive numbers (or zero) can be 0 only when each term is 0. S is thus a number that expresses the "variation" of the actual about the calculated values of y , and we see that in the ideal case this variation is 0. In actual cases we may expect some variation, and S will, in general, not be 0, but the closer it is to 0 the better the fit. The closeness of S to 0 cannot be judged independently of the characteristics of the data. The data themselves (the y values) have an overall variability of their own, expressed by a quantity Sy^2 , whose formulation is given in Section 3.2. A fitted regression "removes" or "explains" some of this variation in the sense that the quantity S described above, calculated by means of the regression and denoted "SSE" in the discussion below, is less than Sy^2 . The quantity R^2 which measures the goodness of fit essentially compares the explained variation with the original variation Sy^2 and when the two are close so that almost all of the variation is "explained", then R^2 takes values very close to 1. Details are presented in Section 3 below.

1.2.2. Percentage Residuals

Another means of measuring closeness of fit is to compare each residual, d_i , with the corresponding actual value of the dependent value, y_i , through their ratio, and so tell whether the regression has fit the actual value y_i to within some small amount such as 5 percent, or 10 percent, etc. This further calculation has been made in the 3- and 7-variable equations in Subsection 1.1.1, paragraphs (2) and (3) above,

respectively. The result is expressed as the proportion of MEDDAC that have been fitted to within a certain percentage. This measure is much more stringent than R^2 , since it depends more directly on individual values of the d_i 's, rather than on an aggregate or average basis. It has the advantage of being more simple and direct to interpret.

1.3 Some Features of Regression Equations

One of the things to notice about these regression equations is the presence of a constant term. This means that if the regression is a true model in the sense that its variables explain the values of the dependent variable, here, Number of Professional Nurses (ANC + DAC-RN), then there would theoretically be a certain amount of nurses indicated even if all values of the other variables were zero. This may be interpreted as a kind of basic "overhead" which would be present irrespective of workload, etc. It should be noted that this constant term is not fixed, but depends upon which variables are used in the regression model, as do the coefficients in the equation.

Another feature that may require explanation is the presence of negative coefficients in the equation. It will be apparent that the meaning of a coefficient, such as .01699, the coefficient of x_1 (No. of Beds Staffed) in 1.1.1 equation (1) above, is, roughly, that if the number of beds increased by, say 100, then the value of y (number of professional nurses) would increase by about 2, according to the data, provided that no changes were made in any other variables. Where this latter assumption cannot be made because it is contrary to the data—for example, MEDDAC that differ in size by 100 beds do not have the same

number of M.D.'s, Admissions, Births, etc.—one cannot make an interpretation of an individual coefficient. Thus, even if a coefficient is negative^{*}—apparently indicating, for example, a decrease in the number of nurses with increase in Admissions, contrary to common sense—one cannot interpret such a coefficient by itself alone. Because of this interdependency among the variables, a regression equation model must be considered in its entirety—it cannot be "taken apart".

*A negative coefficient means a corresponding partial correlation coefficient that is also negative, through the relation which is a generalization of $r_{y1} = b_1 (s_x/s_y)$ which holds for the two-variable case $y = b_0 + b_1 x$. s_x , s_y are standard deviations (and positive).

(For derivation of the relationship see, e.g., Yule and Kendall, An Introduction to the Theory of Statistics, Griffin & Co., Ltd., London (1949), p. 266, eq. (14.8)). Discussion of a negative partial correlation coefficient (and therefore regression coefficient) will be found in J. M. Lucas, "Large Differences Between Partial Correlation Coefficients," The American Statistician, April 1973, pp. 77-78.

2 Testing of Certain Hypotheses on MEDDAC

Suppose it is desired to test a hypothesis that two groups of MEDDAC are alike with respect to a certain variable, x . For this purpose it is necessary to know several statistics for each group: the number in the group, n ; the average for the group, \bar{x} ; and the amount of scatter or dispersion of the values of x in the group, represented by the variance, V . These quantities are given subscripts "1" or "2" according to which group they pertain. It may be apparent that just knowing the means for each group would not be sufficient for judging their difference, and that a more precise approach is necessary.

From the above statistics,* two other quantities are calculated, one of which, v , is compared with a criterion value in a table, this table being entered by means of the other quantity, c , and the parameters $v_1 = n_1 - 1$ and $v_2 = n_2 - 1$.

$$v = \frac{|\bar{x}_1 - \bar{x}_2|}{\left(\frac{V_1}{n_1} + \frac{V_2}{n_2} \right)^{1/2}}$$

$$c = \frac{V_1/n_1}{V_1/n_1 + V_2/n_2}$$

For example, if the two groups are the Class II and Class I MEDDAC, then we find the following from the computer output with respect to the variable, No. of ANC nurses:

*These statistics are given directly by a single instruction STATIS (Statistical Analysis) in the NBS OMNITAB computer program system. For a brief explanation, see section 3.5 below.

Class IIClass I

$n_1 = 10$

$n_2 = 54$

$\bar{x}_1 = 106.3$

$\bar{x}_2 = 36.3$

$V_1 = 3345.6$

$V_2 = 927.8$

From these the above formula gives:

$$v = 3.73, \quad c = 0.9511$$

A special table for this statistical test (a modified t-test) is given in Biometrika Tables for Statisticians, Vol. I, edited by Pearson and Hartley, 1954, pp. 136-137. The table is in two parts, depending on the probability level involved. Thus, if the right-hand part is used (p. 137) then the table is entered at the quantities $v_1 = 10-1 = 9$, $v_2 = 54-1 = 53$, and c (column heading) = 0.95. Because of the very slow variation of the tabled value, the value for v_2 is given by the value for $v_2 = \infty$; simple interpolation is used for v_1 . This gives the values for $c = 0.9$ and 1.0, which are $v(\text{table}) = 2.74$ and 2.80, respectively. Interpolating midway between these corresponding to $c = 0.95$ gives as the tabular value to use as a criterion $v = 2.77$. The value of v , above, of 3.73 is compared with it, and since v is greater, we conclude that the hypothesis that Class II and Class I MEDDAC are alike with regard to No. of ANC nurses must be rejected.

A more precise statement can be made. In rejecting the hypothesis, we may be in error, due to chance. The chance, or probability, hopefully small, arises because even if the two groups of MEDDAC are alike, then chance could produce variation in the data which would result in calculated values of v , above, leading to rejection of the hypothesis. The larger

the calculated value, v , the less willing one should be to believe that the two MEDDAC groups are alike. The part of the table we looked at gives this chance as $P = .02$, called the level of significance. This means that, technically stated, the given data lead to a rejection of the hypothesis that Class II and Class I MEDDAC are alike with regard to number of ANC nurses at the .02 significance level. In other words, the probability that this large a value of v or larger could result from chance alone is only 2 in 100, if the MEDDAC groups are alike, and this is the chance of being in error in rejecting the hypothesis.

Of course, in this case, the difference in means of the two groups is so large that a statistical test was not necessary. This work only served as an illustration of the calculations involved in less obvious cases.

Other illustrations of interest, which indicate the range of possibilities, may be summarized as follows (numbers in parenthesis are degrees of freedom, which are 1 less than sample size):

<u>Variable, x</u>	<u>Statistic</u>	<u>Class II</u>	<u>Class I</u>
No. of M.D.'s	No. of MEDDACs	10(9)	54(53)
	average	174.2	48.04
	variance	1,565	1,562
Values to enter table ^{a/} :			
$v_1 = 9, v_2 = \infty, c = .98$			
Computed test value:			$v = 3.16^{**}$
Table comparison value:			1.83 ($P = .10$); 2.79 ($P = .02$)

^{a/} Because of slow change, results for $v_2 = \infty$ are the same as for $v_2 = 20$ or 30.

Simple interpolation is generally adequate with regard to v_1 .

**Significant at the 2 percent level.

<u>Variable, x</u>	<u>Statistic</u>	<u>Class II</u>	<u>Class I</u>
Average length of stay—all patients	No. of MEDDAC: \bar{n}	10(9)	52(51)
	average \bar{x}	15.58	7.38
	variance V	120.4	7.14

Values to enter table ^{a/}:

$$v_1 = 9, v_2 = \infty, c = .99$$

Computed test value: $v = 2.35^*$

Table comparison value: 1.84 (P = .10); 2.79 (P = .02)

No. beds staffed	No. of MEDDAC \bar{n}	8(7)	53(52)
	average \bar{x}	666.6	201.7
	variance V	9.63619×10^4	4.57077×10^4

Values to enter table ^{a/}:

$$v_1 = 7, v_2 = \infty, c = .93$$

Computed test value:

Table comparison value 1.87 (P = .10), $v = 4.09^{**}$
 (approx.): 2.84 (P = .02)

^{a/} Because of slow change, results for $v_2 = \infty$ are the same as for $v_2 = 20$ or 30 .

Simple interpolation is generally adequate with regard to v_1 .

* Significant at the 10 percent level.

**Significant at the 2 percent level.

3 TECHNICAL NOTES ON REGRESSION ANALYSIS AND HYPOTHESIS TESTING*

3.1 Fitting a Regression Model

A general form of regression model is:

$$(1) \quad y = a_0 + a_1 x_1 + a_2 x_2 + \dots + a_n x_n,$$

where, for example, the "independent" variables, x_1, x_2, \dots , and the "dependent" variable, y , take values that all belong to the same MEDDAC. To clarify this suppose x_1 denotes size of MEDDAC (number of beds), x_2 denotes number of patient visits, and x_3 denotes number of M.D.'s; and y denotes number of professional nurses. The structure of the data then assumes that for a particular MEDDAC there is available data on each of x_1, x_2, x_3 , and y . These four values constitute a group of data for that MEDDAC, so that here $n = 3$, and there are as many groups of data as there are MEDDAC to be included in the model.

Fitting the above model or equation means finding suitable a 's (the "coefficients," to distinguish them from the "variables" x_i) such that when an observed set of values of the x 's for a MEDDAC are substituted, then the right-hand side of the above equation takes a value (denoted y_C) "close" to the observed value of y for the same MEDDAC, and this is true for many of the MEDDAC. Closeness of such a calculated value to an observed y , for the i th MEDDAC, is measured by the residual (or "error" of fit) $d_i = y_i - y_{Ci}$, and the overall closeness of the calculated

* Although this subject is treated in many statistics books, e.g., The Statistical Analysis of Experimental Data, by John Mandel, National Bureau of Standards, who is a world authority in this field (see Chapter 12, "The Fitting of Straight Lines", especially Sections 12.1 and 12.2.), the essential material is presented here for the convenience of the technically-minded reader.

to observed values of y is measured by the sum of squares of the differences for all (say N) MEDDAC. :

$$(2) \quad \text{SSE} = \sum_{i=1}^N (y_i - y_{Ci})^2 = Q(a_0, a_1, \dots, a_n),$$

where SSE denotes "sum of squares due to error," and Q is a quadratic function of the a 's when the right-hand side of (1), with the observed values of the x 's, is substituted for y . To have the best measure of fit, it is evidently desirable to choose the a 's so as to minimize the measure of closeness, Q , or SSE.

The procedure for this is a minimization problem of calculus; it is not necessary to go into detail here because the results are readily obtainable by standard computer programs (see Section 3.3 below). These yield among other quantities, the minimizing values of the a_i , which will be termed regression coefficients, together with the minimized value of Q . For evident reason, this method has been called the "method of least squares," and has been well established by a wide variety of theoretical arguments, as well as the above heuristic one.

These regression coefficients determine the model for the n assumed variables x_1, x_2, \dots, x_n :

$$(3) \quad y = a_0 + a_1 x_1 + a_2 x_2 + \dots + a_n x_n,$$

where now the a 's have the least squares values determined above.

3.2 Goodness of Fit —

As stated above, goodness of fit is measured by the sum of squares due to error:

$$(4) \quad \text{SSE} = \sum (y_i - y_{Ci})^2,$$

where the sum is over all MEDDAC and y_{Ci} is calculated using the regression coefficients a_i determined above. For further development, it is necessary to analyze the sum of squares in (4). Through properties of the regression coefficients, it may be shown that this sum of squares may be broken into:

$$(5) \quad \text{SSE} = \sum (y_i - \bar{y})^2 - \text{SSR},$$

where the sum of squares on the right is the total sum of squares (of the dependent variable) about the mean, $\bar{y} = (\sum y_i)/N$, and where SSR, an essentially positive quantity, is the "reduction (in total sum of squares) due to regression," or the "sum of squares due to (or "explained by") the regression." relation (5) states is as follows. Initially, there is a sum of squares inherent in the data represented by sum of squares of the deviations of the dependent variable values about their mean \bar{y} . This is the "total" sum of squares and is represented by:

$$(6) \quad \text{Sy}^2 = \sum_{i=1}^N (y_i - \bar{y})^2.$$

It may be shown that:

$$(7) \quad \text{SSR} = R^2 (\text{Sy}^2), \text{ or, } R^2 = \text{SSR}/\text{Sy}^2,$$

where R is the multiple correlation coefficient between y and all the variables x_1, x_2, \dots, x_n , and R takes values between 0 and 1.

Equation (7) shows that R^2 may be regarded as the fraction of total variation Sy^2 that is "explained" (SSR). After a regression is obtained, the replacement of \bar{y} by the calculated value, y_{Ci} , in the above

sum of squares (6) produces a smaller sum of squares, SSE (equation (A4)), and the amount of reduction due to that regression is SSR. The better the fit, the smaller the sum of squares SSE (if the fit is perfect then each calculated value y_{Ci} equals its corresponding observed value y_i , and $SSE = 0$) and hence from (5) since the first term on the right depends only on the data and not on a regression, the greater is the reduction, SSR. Therefore, from (7) the greater is R^2 .

If a regression is enlarged by adding k variables, and the entire reduction in sum of squares due to the whole enlarged regression is denoted SSR, and the reduction attributable to the first n variables alone is denoted SSR_n , then the part of the reduction attributable to the added k variables is the difference, $SSR - SSR_n$.

To test whether the addition of the last k variables improves the regression "significantly" it is then necessary to test whether the added reduction in sum of squares due to these k variables, namely, $SSR - SSR_n$ is "sufficiently small," according to statistical criteria, so that it could have resulted from pure chance alone. This test is carried out conveniently by setting up an "analysis of variance" table as follows, where the concept of "variance" is essentially "sum of squares":

Line No.	Source of Variation	Degrees of Freedom	Sum of Squares	Mean Square
(1)	Reduction of sum of squares due to first (n+1) vectors (n variables + constant term)	n+1	SSR_{n+1}	
(2)	Entire reduction due to enlarged regression	(n+1+k)	SSR	
(3)	Added reduction due to k added variables (=line(2)-line(1))	k	$SSR - SSR_{n+1}$	$(SSR - SSR_{n+1})/k$
(4)	Sum of squares due to error, for enlarged regression	$N - (n+1+k)$	SSE	$SSE/[N - (n+1+k)]$

"Degrees of freedom" basically measures the amount of data that goes into the calculation of sums of squares, and makes possible their comparison by expressing them on a per unit data basis as indicated in the "Mean Squares" column. The added reduction due to the additional k variables calculated in line (3) is tested by forming the ratio of the two mean squares in the last column:

$$F = \frac{(SSR - SSR_n)/k}{SSE/[N - (n+k) - 1]} \quad \text{with } (k, N - (n+k) - 1) \text{ degrees of freedom}$$

This quantity is looked up in an "F-table" and if it exceeds the tabulated value in the column and row corresponding to the above respective degrees of freedom, then we conclude that the additional k variables have improved the regression "significantly"—significance at the probability level P indicated in the table used, usually P = .05 or .01. That is, the odds against the indicated improvement being due to chance alone are about 20 or 100 to 1, respectively.

If $k = 1$, then the preceding procedure provides a method for testing whether bringing the last variable into the regression made a significant improvement. If so, then the fit is improved by using it, and if not, then it can be dropped without impairing the fit.

3.3 Estimation From the Model

When a regression model deemed satisfactory has been obtained, then it may be used for estimation. This is done by inserting new desired values of the variables into the equation such as (1) and calculating the left-hand side. For example, the effect of changes in size of MEDDAC, and/or the number of M.D.'s or number of professional nurses can be estimated by using the new specified values of these quantities. The new value for number of professional nurses can be compared with the old to see what change may be expected and this procedure could be repeated for other choices of values of the independent variables.

3.4 Use of OMNITAB in Computer-aided Regression Analysis

The regression calculations were carried out with the aid of the NBS OMNITAB system of computer programs on the on-site Univac 1108 computer. OMNITAB is an interpretive computing system developed and maintained by the National Bureau of Standards to enable scientists to perform extensive numerical, statistical, and data analysis without extensive programming training. OMNITAB contains numerous instructions that automatically provide many of the quantities needed in a wide variety of analyses. For example, the single command "FIT" produces almost all of the quantities needed in a regression analysis, such as:

- o actual and estimated y-values;
- o residuals;
- o analysis of variance;
- o estimates of coefficients from least squares fit; and
- o fit omitting last variable.

For the convenience of the reader, these quantities are described in detail for the output (Exhibit I) corresponding to the 3- variable equation presented in Section 1.1.1 above. Further details may be found in the OMNITAB Manual [1].

In this regression analysis, the variable, Professional Nursing Staff, consisting of (ANC + DAC-RN), is fitted by the 3 variables Total Bed Occupied Days FY 72 (BOD), Total Visits FY 72, and Total Births FY 72. In the output, the variables are designated by Column Numbers, as follows:

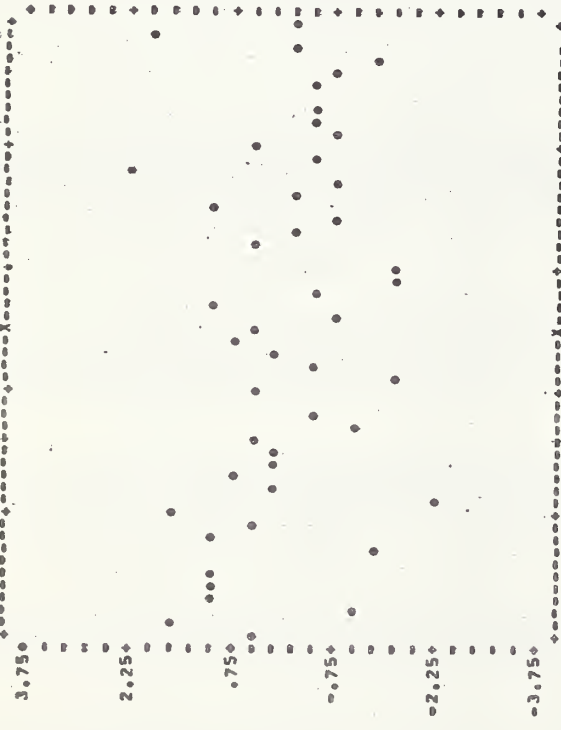
LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 4 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 14
 USING 47 NON-ZERO WEIGHTS AND 0 ZERO WEIGHTS IN COLUMN 71

ROW	COL. 17	COL. 15	COL. 14	DATA COL. 70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	310400	1004000	797.0	300.000000	295.87610	8.0998413	4.1239038	.39	1.000
2	298100	816100	1300.	275.000000	250.91623	5.9064176	24.003774	1.80	1.000
3	176200	858600	2173.	181.000000	195.19392	4.4490328	-14.193917	-1.02	1.000
4	235900	634700	1233.	240.000000	225.64587	5.9079497	14.354132	1.07	1.000
5	173500	916600	1813.	208.000000	191.98871	4.4811416	16.011293	1.15	1.000
6	165900	562300	808.0	181.000000	165.88426	3.8431513	15.115740	1.07	1.000
7	174700	250100	90.00	137.000000	154.78299	7.2473668	-17.782991	-1.40	1.000
8	115100	579000	909.0	142.000000	128.05611	2.8354004	13.943894	.97	1.000
9	47070	232200	585.0	65.000000	66.890515	2.8041680	6.1094850	.42	1.000
10	54990	498200	1389.	107.000000	81.445778	3.2954394	25.554222	1.79	1.000
11	148000	710300	1391.	129.000000	162.114780	3.0880759	-33.117806	-2.31	1.000
12	38650	287800	659.0	59.000000	55.190068	2.7735831	12.183867	.85	1.000
13	36790	308600	840.0	68.000000	55.816133	2.6962029	1.2339278	.09	1.000
14	16530	236900	625.0	37.000000	35.766072	3.1608986	7.79163173	.06	1.000
15	29060	274500	501.0	47.000000	46.208368	2.7409444	4.3919265	.30	1.000
16	31310	243700	804.0	53.000000	48.608074	3.4528843	-13.412519	-0.96	1.000
17	151500	856100	1144.	156.000000	159.41252	2.85419843	-6.64926166	-.46	1.000
18	86540	362100	712.0	89.000000	75.625948	3.4375521	-23.977730	-1.68	1.000
19	16450	155500	366.0	37.000000	30.507384	3.2421911	-8.3783339	-.59	1.000
20	136600	519500	727.0	117.000000	140.97773	3.3581839	1.5349934	.11	1.000
21	25220	116200	476.0	28.000000	16.378334	3.1876944	9.6935889	.68	1.000
22	23770	338900	1065.	50.000000	48.465007	3.0140517	15.455396	.46	1.000
23	111400	594600	1738.	141.000000	131.30641	3.1745915	-6.8417491	-.48	1.000
24	17590	165500	293.0	38.000000	31.396712	3.5310143	6.6032877	.46	1.000
25	129100	733700	2153.	142.000000	153.851310	4.1894938	-11.513097	-.82	1.000
26	9516	146100	322.0	40.000000	24.544604	3.8796241	15.455396	.46	1.000
27	79570	470100	564.0	87.000000	73.841748	3.1992424	-6.8417491	-.48	1.000
28	94120	623200	2513.	101.000000	124.20602	5.3382589	-23.206024	-1.70	1.000
29	117200	540700	911.0	106.000000	128.06134	2.6339321	-22.061343	-1.53	1.000
30	92740	463700	1327.	116.000000	138.67146	2.2682704	7.3285406	.51	1.000
31	15490	313.0	313.0	30.000000	31.658737	3.5794682	-11.6587370	-.12	1.000
32	77060	410400	1445.	80.000000	75.222727	2.6190487	-11.222727	-.78	1.000
33	20380	136800	622.0	51.000000	34.470369	3.1745915	16.529631	1.15	1.000
34	12460	124800	320.0	22.000000	25.899477	3.5650111	-3.8994769	-.27	1.000
35	120500	1206000	1167.	153.000000	150.48393	9.8244336	-7.4939277	-.69	1.000
36	58470	470400	1523.	114.000000	32.662796	3.3600060	31.337204	2.20	1.000
37	22900	977100	757.0	31.000000	35.632075	3.1947681	7.1680964	.50	1.000
38	17180	126900	660.0	39.000000	11.831904	3.2219399	-4.5463803	-.32	1.000
39	35980	294300	1201.	47.000000	56.914601	2.8486569	-9.9146014	-.69	1.000
40	5895	34730	247.0	123.000000	16.4546380	3.9718955	-4.5463803	-.32	1.000
41	104200	563500	2206.	123.000000	127.44993	4.2697257	4.4499330	.32	1.000
42	48840	306400	1353.	61.000000	58.343472	2.88846294	-7.3434733	-.51	1.000
43	100300	196200	1876.	97.000000	176.71312	5.8549131	-9.7131193	-.72	1.000
44	69900	231900	1556.	65.000000	32.728053	3.9608346	-17.728053	-1.26	1.000
45	31100	193600	996.0	45.000000	17.568653	2.9521912	-2.5686534	-.18	1.000
46	182000	745600	3402.	227.000000	212.91247	7.9846855	24.087531	1.96	1.000
47	92760	297000	1791.	103.000000	114.63601	4.3715854	-1.6360117	-.12	1.000

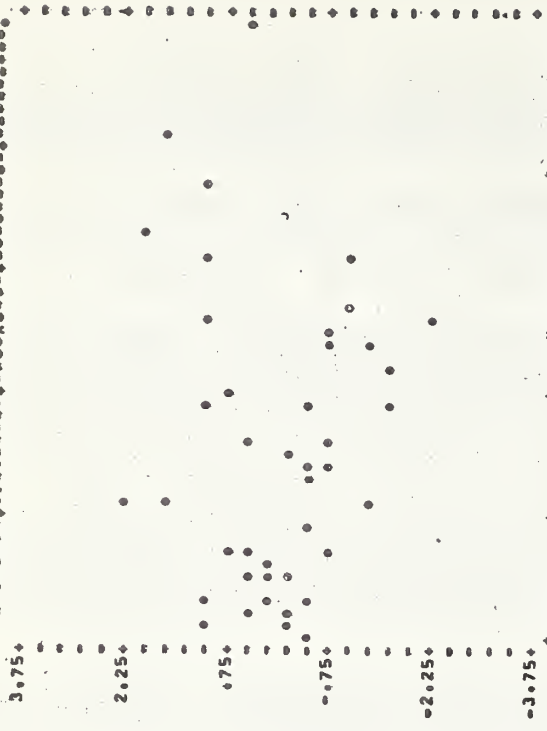
EXHIBIT I

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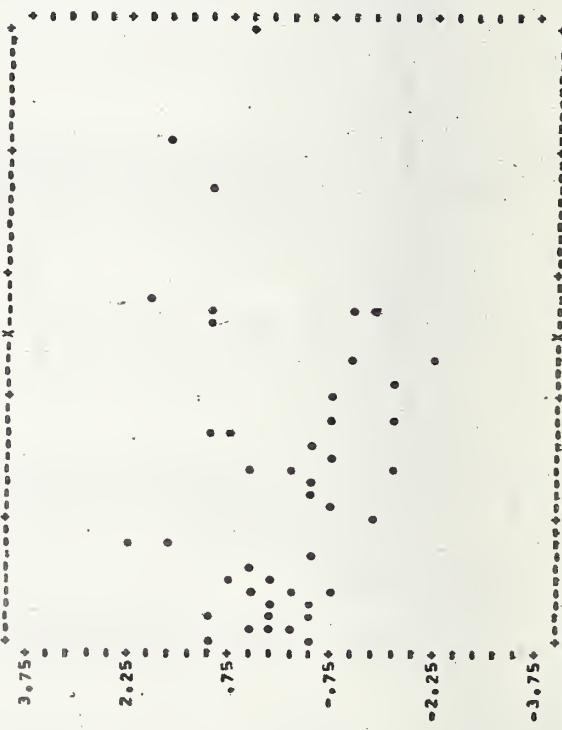
OMNITAB
STANDARDIZED RESIDUALS VS ROW NUMBER



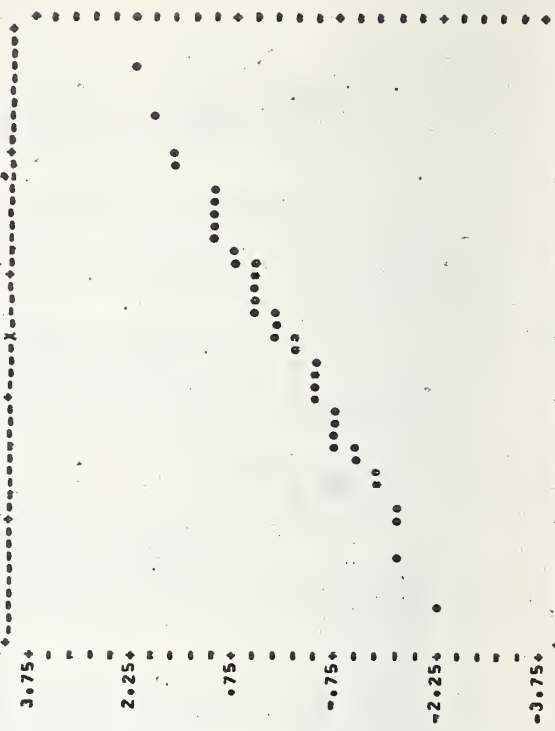
STANDARDIZED RESIDUALS VS PREDICTED VALUES



STANDARDIZED RESIDUALS VS R.O.D



PROBABILITY PLOT OF STANDARDIZED RESIDUALS



42

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 4 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 14
 USING 47 NONZERO WEIGHTS AND 0 ZERO WEIGHTS IN COLUMN 71

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	17	15	14
64	20.027848			
17	2.1366006-06	2.4815196-09		
15	-1.7173614-05	-5.2348060-10	1.9572164-10	
14	-.0075575393	4.5343390-09	-1.9118859-08	1.4030176-05

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	486339.59	486339.59	1	4706.2912	46	2263.132	.000	806.886	.000
17	203277.87	344808.73	2	293.58952	45	945.933	.000	321.471	.000
15	3325.0583	230980.84	3	224.69250	44	15.473	.000	9.239	.000
14	645.91284	173397.11	4	214.89668	43	3.006	.090	3.006	.090
RESIDUAL		9240.5573	43						
TOTAL	702829.00		47						

43

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 4 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 14
 USING 47 NONZERO WEIGHTS AND 0 ZERO WEIGHTS IN COLUMN 71

COLUMN	ESTIMATES FROM LEAST SQUARES FIT				FIT OMITTING LAST COLUMN			
	COEFFICIENT	S.D. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO	
64	8.9270344	4.4752483	1.99	8.62	12.425043	4.0846364	3.04	
17	.00077070563	.000049834924	15.47	7.25	.00076860491	.000050943065	15.09	
15	.00042388023	.00001399055	3.03	7.12	.000051237193	.000013319257	3.85	
14	.0064938711	.0037456877	1.73	6.41				
RESIDUAL STANDARD DEVIATION =		14.659355				14.989747		
BASED ON DEGREES OF FREEDOM		47-4 = 43				47-3 = 44		

• THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS
 .95731635

44

Col. 70 (ANC + DAC-RN)

17 BOD
15 Visits
14 Births

In addition,

Col. 64 all 1's

provides for the constant term in the regression equation. Thus the equation has 4 terms, which are designated "4 predictor variables" in the output page headings. The input data to the analysis run appears on PAGE 1, with one line for each MEDDAC, for a total of 47 MEDDACs and consists of data for the variables headed "Col. 17, 15, 14, 70", which are the variables identified above. The next column, "Predicted Values", furnishes what has been called in the text "estimated", or "calculated" values, computed for each MEDDAC from the regression equation. The next important items on this Page are the columns headed "Residuals" and "Std. Res."

(Standardized Residuals). Residuals are the quantities

$$d_i = y_i - y_{Ci}, \quad i = 1, 2, \dots, 47$$

that were /discussed in the text. These are standardized, or normalized, by subtracting their mean and dividing by their standard deviation. Thus the column "Std. Res." is to be thought of as representing the number of standard deviations by which the actual value y differs from the corresponding estimated value from the equation. From this viewpoint, any value far in excess of 3 (the "3-sigma" limit) provides grounds for suspecting the corresponding observation as being grossly in error or having other difficulty associated with it.

PAGE 2 contains four plots of the standardized residuals. The standardized residuals are used instead of the residuals to (i) have a common vertical scale for all plots going from -3.75 to +3.75 in steps of 0.3, and (ii) to avoid distortion, in some cases, due to differences in the standard deviations of the residuals. Item (i) avoids using a different scale for each set of measurements and makes it possible to present the results in a more compact form. Only residuals associated with non-zero weights are used in the plots. An examination of these plots can be very helpful in assessing the adequacy of the statistical model used. Non-random patterns and/or very large (small) values are evidence of one kind or another of failure of the model to represent the data.

(1) Upper Left. The standardized residuals are plotted against the order in which the measurements are entered into the worksheet (row number). If this order corresponds to the order in which the measurements were taken, patterns of non-randomness indicate that time has an effect on the measurements.

(2) Upper Right. The standardized residuals are plotted against the predicted values. Non-randomness may indicate non-constant variance or that some important variable(s) has been excluded from the model. The former case may indicate the need to use weights, the weights used are improper or a transformation of the measurements is required.

(3) Lower Left. The standardized residuals are plotted against the predictor (independent) variable. In a FIT, this plot may or may not have much meaning, depending upon the order and character of the predictor variables. The predictor variable used for the plot is the first one which is not identically equal to one (unless the number of vectors is one).

(4) Lower Right. This is a probability plot of the standardized residuals against the expected value of the standardized residuals, assuming that the measurement errors are normally and independently distributed. The ordered standardized residuals are plotted against:

$$x_i = \text{Gau}^{-1}(p) \doteq 4.91(p^{.14} - (1-p)^{.14}),$$

where

$$\begin{aligned} p &= (i - \pi/8)/(N + 1 - \pi/4), \quad \text{for } i \geq 2 \text{ or } N > 10 \\ &= (3i - 1)/(3N + 1), \quad \text{for } i = 1 \text{ and } N \leq 10 \end{aligned}$$

and $i=1,2,\dots,N$ = the total number of points; x is the inverse (percentage point) of the normal probability integral and the Tukey approximation on the right is used to compute x . If the statistical model adequately represents the data, the points should lie approximately on a straight line.

PAGE 3 shows the "analysis of variance" for the regression. This is not the most common analysis of variance, but rather several analyses combined into one, so that the notation taken from the OMNITAB Manual does not always conform to that given in Sec. 3.2 above. The results depend, in general, on the order in which the variables are entered. The ten columns of the printing under "Analysis of Variance" are described under (1) through (10) below, keyed to these identification numbers entered on the output.

(1) Shows the column numbers of the variables used in the instruction FIT.

(2) The second column shows a separation of the total sum of squares,

$$S_y^2 = \sum_{n=1}^N w_i y_i^2,$$

into $(n+1)$ parts

$$S_1 + S_2 + \dots + S_n + S_{n+1} = S_N$$

(where it will be recalled that the regression equation has n variables and (n+1) terms or vectors) with one degree of freedom for each of the (n+1) vectors fitted and N -(n+1) degrees of freedom for the residual. The second sum of squares is the sum of squares due to fitting the second vector after having fit the first. The third (if n exceeds 1) sum of squares is the reduction due to fitting the third vector after having fitted both the first and second vectors, and so on.

(3) For the rth line of printing the cumulative mean square reduction equals:

$$\sum_{i=1}^r S_i / r,$$

where S_i is the ith sum of squares shown in the second column. On PAGE 3, for example, $230980.84 = (486339.59 + 203277.87 + 3325.0583)/3.$

(4) The cumulative degrees of freedom 1, 2, ..., n+1 are printed and followed by the degrees of freedom for the residual, N - (n+1), and for the total, N. The number in the rth line, r, is the number in the denominator of the expression used to compute the cumulative mean square reduction above.

(5) The cumulative residual mean square on the rth line is:

$$\sum_{i=r+1}^{n+1} S_i / (N-r)$$

The last number in the column is the residual mean square, which equals the residual sum of squares divided by the residual degrees of freedom. On PAGE 3, $214.89668 = 9240.5573/43.$ The square root of the residual mean square (214.89668) equals the residual standard deviation (14.659355) shown on PAGE 4.

(6) Gives the degrees of freedom for the cumulative residual mean square, which equals $(N-r)$ on the r th line.

(7) The F-ratio printed is the sum of squares (due to coefficient) divided by the residual mean square with 1 and $N-(n+1)$ degrees of freedom. On PAGE 3, $9437.18 = 99404.994/10.5333333$. The F-values are printed with 3 decimal places.

(8) Gives the significance level of the F-ratio on the same line in (7), under the hypothesis that the corresponding parameter (coefficient) in the model equals zero. These significance levels should be interpreted carefully. Three decimal places are shown. The value .000 is the (rounded) probability value that a F-ratio will exceed 15.473 if the model does not include the Col. 15 variable, namely, Total Visits, FY 72.

(9) The F-ratio on the r th line is used to test the hypothesis that all the parameters $r, r+1, \dots, n+1$ equal zero.

(10) Gives the significance level of the F-ratio on the same line of (9).

PAGE 4 is divided into three parts: (a) estimates, (b) accuracy, and (c) estimates from refit omitting last term.

(a1) to (a4). Least squares estimates of the unknown parameters are printed on the left. On the extreme left (a1) the usual column heading appears. This is followed by a listing of the estimates (coefficients), standard deviations of the estimates, and the ratios of the estimates to their standard deviations, (a2) to (a4), respectively.

The residual standard deviation and the associated degrees of freedom are printed at the bottom. The degrees of freedom equals the number of non-zero weights minus the number of vectors fitted, $n+1$, which is the third argument in a FIT-instruction. The smaller the residual standard deviation, the better the fit, since it means that the estimated values vary less about the fitted regression.

The ratio (a4) can be used to perform t-tests and construct confidence intervals for the parameters in the model.

(b) Next, a column headed *ACC. DIGITS is printed. The algorithm used in FIT is generally accurate, but no least squares fitting algorithm is fully accurate in all cases. (See Longley [2], Wampler [3] or [4].) Computational accuracy is affected by several factors; in particular (i) the number of measurements and vectors, (ii) the scaling of measurements and vectors, (iii) how closely the vectors are related (correlated), and (iv) the number of digits in the raw data. The values under *ACC DIGITS provide an indication of how well the results have been computed. Loosely speaking, values between 6. and 8. indicate that the computations are accurate. Values less than 4.0 indicate some source of computing difficulty. Negative values cry out for an investigation.

Mathematically, singular matrices cannot be inverted. However, in a computer, an algorithm sometimes fails to distinguish between a singular matrix and a non-singular matrix. This can happen here. Users will sometimes use a set of vectors which is not of full rank. For example, one of the columns (variables) may inadvertently be a sum (or other linear combination) of other columns. Any of the following may indicate trouble: (i) a coefficient exactly equal to zero, (ii) extremely large or small coefficients or standard deviations of coefficients, and (iii) small values under *ACC. DIGITS.

The values under *ACC. DIGITS are estimates based upon a refit of the predicted values. If the calculations are accurate, the two calculations of the coefficients should agree. (Mathematically, they are exactly equal.) The estimates of accuracy are reasonably reliable. The smallest and largest possible values are -8.0 and +8.0. If $\hat{\beta}$ is the coefficient and $\tilde{\beta}$ is a coefficient computed from the refit, the accuracy of the computations is given by:

$$-\log_{10} |(\hat{\beta} - \tilde{\beta})/\tilde{\beta}|.$$

Negative answers indicate the first digit in the coefficient is incorrect. For example, the last coefficient in column (a2) is accurate to at least 6 (non-zero) digits.

The results here apply to the coefficients and provide a general assessment of computational accuracy. They cannot be generalized to all other computations. For example, if a measurement equals 15923.648 and the predicted value equals 15923.635, the residual, 0.012681742, may have only 3 or 4 correct digits.

(c1) to (c3). On the right, the coefficients, their standard deviations and the ratio of the coefficients to the standard deviations, (c1) to (c3), respectively, are printed from a refit omitting the last term (vector). Again, the residual standard deviation and degrees of freedom are printed at the bottom. These results can be usefully compared with the results on the left. In a FIT, these results may or may not be useful, depending upon the order in which the vectors appear in the instruction and the importance of the last term. If only one vector is fitted, only the residual standard deviation and degrees of freedom are printed.

The squared multiple correlation coefficient is (if weights are used):

$$R^2 = 1 - \text{Residual Sum of Squares} / \sum_{i=1}^N w_i (y_i - \bar{y}_w)^2, \text{ where } \bar{y}_w = \sum w_i y_i / \sum w_i.$$

The denominator in the fraction is the "corrected" Total Sum of Squares (SSE), i.e., sum of squares about the mean. If the first vector is a vector of 1's, the corrected Total Sum of Squares is the uncorrected Total Sum of Squares minus the sum of squares due to fitting the mean (constant term), i.e., the last number minus the first number under SS = RED. DUE TO COEFF. on PAGE 3. If the first vector is not identically equal to 1, then R^2 has no meaning.

3.5 Use of OMNITAB in Computer-aided Hypothesis Testing

As with regression analysis, a single instruction, "STATIS", in the OMNITAB programming system, can be used to produce essentially all the quantities for a regression analysis. This will be described in detail for the output (Exhibit II) corresponding to the example for the variable, No. of ANC nurses, discussed in the text (Part I, Sec. 4). For a more detailed description of the use of the STATIS instruction, see reference [5].

To use this programming, the total data is first separated into the two groups which are to be compared through hypothesis testing. For this work, the available data were in the form of punched cards, one set of 12 or so cards for each of 71 MEDDAC, with data for up to 70 variables for each MEDDAC. Because of missing data, etc., the number of MEDDAC with complete data varied for the different variables, and only these could be included in the analysis. The groups considered were the Class II and Class I MEDDAC, and it was simplest to separate

manually the punch cards into two sets each consisting of the MEDDAC of the appropriate group. Thus, the Class II set consisted of the cards for those 10 MEDDAC, and the Class I set consisted of the remaining cards, for the other 61 MEDDAC, even though some data were incomplete. This difficulty was taken care of through computer processing, as will be described.

Exhibit II shows the computer results for the Class I MEDDAC. The corresponding results for the Class II MEDDAC were precisely similar.

The preparatory part of the computer run took the 61 values of each variable, corresponding to the 61 MEDDAC, deleted missing results, etc. eliminating the corresponding MEDDAC, and closed up the remaining values of each variable, so that, in effect, there are a different number of MEDDAC corresponding to each variable. Thus, in the example, there are (second line of PAGE 161 in Exhibit II) $N = 54$ Class I MEDDAC for which there are usable data and for which the statistical analysis calculations were made. The second line also shows the name of the command and indicates the identification of the variable by means of Column number. The reference to NBS Handbook 91 is [6]. For further reference see p. 119 in the OMNITAB manual [1].

In order to cover as many different situations as possible, the STATIS command produces 53 statistics of many different kinds, spread over several pages of output. For the purposes of this report, actually only two of them are needed, and consideration will essentially be limited to these.

The statistics are preceded by a FREQUENCY DISTRIBUTION, on PAGE 161, which shows the number of data points that fall in each of 10 equal intervals of the range of all the data, listed in ascending sequence of intervals. Items in parentheses refer to page number in NBS Handbook 91 [6].

STATISTICAL ANALYSIS OF COL 37

N = 54

FREQUENCY DISTRIBUTION (1-6) 16 16 6 8 8 6 0 1 0 0 1

MEASURES OF LOCATION (2-2) MEASURES OF DISPERSION (2-6)

UNWEIGHTED MEAN = 3.6259259+01
 WEIGHTED MEAN = 3.6259259+01
 MEDIAN = 2.4500000+01
 MID-RANGE = 9.3000000+01
 25 PCT UNWTD TRIMMED MEAN = 2.9571429+01
 25 PCT WTD TRIMMED MEAN = 2.9571429+01
 STANDARD DEVIATION = 3.0459491+01
 S.D. OF MEAN = 4.1450117+00
 RANGE = 1.6400000+02
 MEAN DEVIATION = 2.3363511+01
 VARIANCE = 9.2778057+02
 COEFFICIENT OF VARIATION = 8.4004723+01

A TWO-SIDED 95 PCT CONFIDENCE INTERVAL FOR MEAN IS 2.7945+01 TO 4.4573+01 (2-2)
 A TWO-SIDED 95 PCT CONFIDENCE INTERVAL FOR S.D. IS 2.5453+01 TO 3.7482+01 (2-7)

LINEAR TREND STATISTICS (5-1)

SLOPE = -1.1122545-01
 S.D. OF SLOPE = 2.6804988-01
 SLOPE/S.D. OF SLOPE = T = -4.1494318-01
 PROB EXCEEDING ABS VALUE OF OBS T = .680

TESTS FOR NON-RANDOMNESS

NO OF RUNS UP AND DOWN = 37
 EXPECTED NO OF RUNS = 35.7
 S.D. OF NO OF RUNS = 3.05
 MEAN 50 SUCCESSIVE DIFF = 2.1150566+03
 MEAN 50 SUCC DIFF/VAR = 2.280

DEVIATIONS FROM WTD MEAN

NO OF + SIGNS = 20
 NO OF - SIGNS = 34
 NO OF RUNS = 30
 EXPECTED NO OF RUNS = 26.2
 S.D. OF RUNS = 3.30
 DIFF./S.D. OF RUNS = 1.125

OTHER STATISTICS

MINIMUM = 1.0000000+00
 MAXIMUM = 1.6500000+02
 RATA ONE = 3.0659196+00
 RATA TWO = 7.3560253+00
 WTD SUM OF VALUES = 1.9580000+01
 WTD SUM OF SQUARES = 1.2016800+05
 WTD SUM OF DEVS SQUARED = 4.9172371+04
 STUDENT'S T = 8.7476896+00
 WTD SUM ABSOLUTE VALUES = 1.9580000+03
 WTD AVE ABSOLUTE VALUES = 3.6259259+01

(II-3)-40

NOTE - ITEMS IN PARENTHESES REFER TO PAGE NUMBER IN NBS HANDBOOK 91

ORDERED OBSERVATIONS

OBSERVATIONS

I	Y (I)	RANK	X (I) - MEAN	NO.	X (J)	X (J+1) - Y (J)
1	4.000000+01	36.0	3.740740+00	32	1.000000+00	2.000000+00
2	6.900000+01	47.0	3.274074+01	33	3.000000+00	1.000000+00
3	9.000000+00	7.0	-2.725925+01	34	4.000000+00	1.000000+00
4	6.000000+01	44.5	2.374074+01	53	5.000000+00	2.000000+00
5	2.500000+01	29.0	-1.125925+01	16	7.000000+00	1.000000+00
6	3.500000+01	33.0	-1.259259+00	54	8.000000+00	1.000000+00
7	1.800000+01	17.0	-1.825925+01	3	9.000000+00	1.000000+00
8	2.200000+01	21.5	-1.425925+01	37	1.000000+01	1.000000+00
9	2.900000+01	32.0	-7.259259+00	41	1.100000+01	1.000000+00
10	7.600000+01	50.0	3.974074+01	15	1.200000+01	0.000000
11	5.800000+01	42.0	2.174074+01	40	1.200000+01	1.000000+00
12	2.000000+01	18.0	-1.625925+01	30	1.300000+01	1.000000+00
13	4.700000+01	37.0	1.074074+01	23	1.400000+01	1.000000+00
14	2.500000+01	29.0	-1.125925+01	52	1.500000+01	1.000000+00
15	1.200000+01	10.5	-2.425925+01	19	1.600000+01	0.000000
16	7.000000+00	5.0	-2.025925+01	38	1.600000+01	2.000000+00
17	2.500000+01	29.0	-1.125925+01	7	1.800000+01	2.000000+00
18	7.100000+01	48.0	3.474074+01	12	2.000000+01	1.000000+00
19	1.600000+01	15.5	-2.025925+01	27	2.100000+01	0.000000
20	7.800000+01	51.5	4.174074+01	48	2.100000+01	1.000000+00
21	2.400000+01	25.5	-1.225925+01	8	2.200000+01	0.000000
22	7.400000+01	49.0	3.774074+01	46	2.200000+01	1.000000+00
23	1.400000+01	13.0	-2.225925+01	39	2.300000+01	1.000000+00
24	5.500000+01	41.0	1.874074+01	21	2.400000+01	0.000000
25	7.800000+01	51.5	4.174074+01	36	2.400000+01	0.000000
26	6.000000+01	44.5	2.374074+01	47	2.400000+01	0.000000
27	2.100000+01	19.5	-1.525925+01	50	2.400000+01	1.000000+00
28	5.000000+01	38.0	1.374074+01	5	2.500000+01	0.000000
29	3.600000+01	34.0	-2.592592+01	14	2.500000+01	0.000000
30	1.300000+01	12.0	-2.325925+01	17	2.500000+01	3.000000+00
31	1.100000+02	53.0	7.374074+01	43	2.800000+01	1.000000+00
32	1.000000+00	1.0	-3.525925+01	9	2.900000+01	6.000000+00
33	3.000000+00	2.0	-3.325925+01	6	3.500000+01	1.000000+00
34	4.000000+00	3.0	-3.225925+01	29	3.600000+01	1.000000+00
35	6.300000+01	46.0	2.674074+01	45	3.700000+01	3.000000+00
36	2.000000+01	25.5	-1.225925+01	1	4.000000+01	7.000000+00
37	1.000000+01	8.0	-2.625925+01	13	4.700000+01	3.000000+00
38	1.600000+01	15.5	-2.025925+01	28	5.000000+01	2.000000+00
39	2.300000+01	23.0	-1.325925+01	42	5.200000+01	2.000000+00
40	1.200000+01	10.5	-2.425925+01	44	5.400000+01	1.000000+00

ORDERED OBSERVATIONS

OBSERVATIONS

I	X(I)	RANK	X(I)-MEAN	NO.	X(J)	X(J+1)-X(J)
41	1.1000000+01	9.0	-2.5259259+01	24	5.5000000+01	3.0000000+00
42	5.2000000+01	39.0	1.5740741+01	11	5.8000000+01	1.0000000+00
43	2.8000000+01	31.0	-8.2502592+00	51	5.9000000+01	1.0000000+00
44	5.4000000+01	40.0	1.7740741+01	4	6.0000000+01	0.0000000
45	3.7000000+01	35.0	7.4074078-01	26	6.0000000+01	3.0000000+00
46	2.2000000+01	21.5	-1.4259259+01	35	6.5000000+01	6.0000000+00
47	2.4000000+01	25.5	-1.2259259+01	2	6.9000000+01	2.0000000+00
48	2.1000000+01	19.5	-1.5259259+01	18	7.1000000+01	3.0000000+00
49	1.6500000+02	54.0	1.2874074+02	22	7.4000000+01	2.0000000+00
50	2.4000000+01	25.5	-1.2259259+01	10	7.6000000+01	2.0000000+00
51	5.9000000+01	43.0	2.2740741+01	20	7.8000000+01	0.0000000
52	1.5000000+01	14.0	-2.1259259+01	25	7.8000000+01	3.2000000+01
53	5.0000000+00	4.0	-3.1259259+01	31	1.1000000+02	5.5000000+01
54	8.0000000+00	6.0	-2.8259259+01	49	1.6500000+02	

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HISTOGRAM FOR MID-POINTS IN COLUMN 69, FREQUENCIES IN COLUMN 6A

MID-POINTS FREQUENCY

1.0000001	13	+++++
28.333333	23	+++++
55.666667	11	+++++
82.999999	5	++++
110.33333	1	+
137.66666	0	
165.00000	1	+

57

the frequency distribution is helpful in.

(1) looking at the shape of distribution, e.g., skewness, peakedness, etc., and in

(2) detecting outliers at one or both ends.

Usually if an end point is separated by one or more zeroes from the main part of the data in the frequency distribution, it is suspected as an outlier. If it can be verified that the outlier is present because of a mistake in recording or typing, or because of violation of experimental conditions, obviously the point should be deleted. Other than that the course of action is not clear. We suggest as a first reference the three-page article, "Some Remarks on Wild Observations" by William H. Kruskal [7].

MEASURES OF LOCATION. The only value needed is the Unweighted Mean, which is designated \bar{x} (with subscript 2 for the Class I group in the hypothesis testing calculation).

MEASURES OF DISPERSION. The one used is the Variance, designated V_2 .

COEFFICIENT OF VARIATION (in percent, designated C.V.). Although not used, this is useful in indicating an overall impression of the spread of the data. If the C.V. for a variable is much over 100 percent, then one can expect more difficulty in the analysis of that variable because of the extremely wide spread than for a variable that is relatively concentrated, about a central value, with a C.V. of say, less than 50 or even 25 percent.

RANKED OBSERVATIONS, ORDERED OBSERVATIONS, PAGES 162-3. Two blocks of information are presented, with essentially these titles, in sets of columns at the left, and right, of the page, respectively. The first column "I" indexes the observations in the sequence they are read into the program. Since the printout is automatic, no other identification can be provided. Thus, if incomplete MEDDAC data are eliminated and the column "closed up", then it will not be possible from this printout alone to identify a particular value with its MEDDAC without looking for that value in the original data input, before elimination, which should therefore be programmed to show in the output. The second column "X(I)" lists the value of observations in floating point format. The third column lists the ranks of the values when ranked from smallest to largest. If two or more values are the same, these are given in the same rank number, calculated as the average of the ranks if these numbers are slightly different. The fourth column lists the differences $X(I) - \text{MEAN}$ in floating point format.

The column $X(J)$ orders the observations in an ascending sequence. Under the heading "NO." the index number "I" associated with the observations are listed so that specific ones can be identified in terms of those listed in the left block of columns. The last column $X(J + 1) - X(J)$ gives the successive differences between adjacent ordered observations. The last column is useful because large differences, especially associated with large observations at the bottom of the column $X(J)$, indicate gaps that may represent "outliers" that really do not belong with the body of the data, that may be due to error or other cause.

The last page, PAGE 164, showing HISTOGRAM, is provided by a few instructions that produce a frequency distribution in graphical form. This shows at a glance the character of the data being analyzed. When the STATIS instruction is run on a large succession of variables, then flipping the pages with HISTOGRAM output makes it possible to very rapidly screen the variables, and enable preliminary attention to be focused on segments of the total data that are more amendable to analysis.

REFERENCES

- [1] OMNITAB II: User's Reference Manual, Hogben, Peavy, and Varner, NBS Tech. Note 552, Oct. 1971.
- [2] Longley, J. W. (1967). An appraisal of least squares programs for the electronic computer from the point of view of the user. J. Amer. Statist. Assoc., 62, 819-841.
- [3] Wampler, R. H. (1969). An evaluation of linear least squares computer programs. J. of Res., B, NBS, 73B, 59-90.
- [4] Wampler R. H. (1970). A report on the accuracy of some widely used least squares computer programs. J. Amer. Statist. Assoc., 65, 549-565.
- [5] Ku, H. H. (1973). A Users's Guide to the OMNITAB Command "STATISTICAL ANALYSIS," NBS Tech. Note 756, issued March 1973.
- [6] Natrella, Mary G., Experimental Statistics. National Bureau of Standards Handbook 91, 1963, 2nd edition, 1966.
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- [8] Ku, Harry H., Ed., Precision Measurement and Calibration - Concepts and Procedures. National Bureau of Standards Special Publication 300, Vol. 1, 1969.



ANNEX II-4
ACTUAL COMPUTER OUTPUT MATERIAL FOR REFERENCE

This annex presents 9 sets of computer outputs of five pages each. Each set corresponds to a regression equation discussed in Annex II-3 and is identified by the corresponding section and equation numbers. Column numbers in the outputs correspond to the subscripts of, and identify, variables in the list below.

For further explanation of these regression analysis outputs, see discussion of OMNITAB in Annex II-3, Section 3.4.

Col. 70 = y = no. of (ANC + DAC RN) nurses

x_1 = no. of Beds Staffed

x_{30} = no. of M.D.'s

x_{17} = no. of Bed Occupied Days FY 72

x_{13} = Total Admissions FY 72

x_{14} = Total Births FY 72

x_{15} = Total Visits FY 72

x_9 = Normal no. of Operating Rooms

x_{60} = M.D./ANC staff ratio

x_2 = Average Daily Patient Census - all units

x_{42} = Professional/Nonprofessional staff ratio

x_{16} = Medical Care Composite Units (MCCU)

The regression outputs are followed by the relevant portions of the correlation analysis output for 50 variables with 47 observations indicated in Part I, Sec. 4.1, and there identified as Set 3 (also so identified in Annex II-11).



Computer Output for ANNEX II-3, Sec. 1.1.1 (1)

(II-4)-3

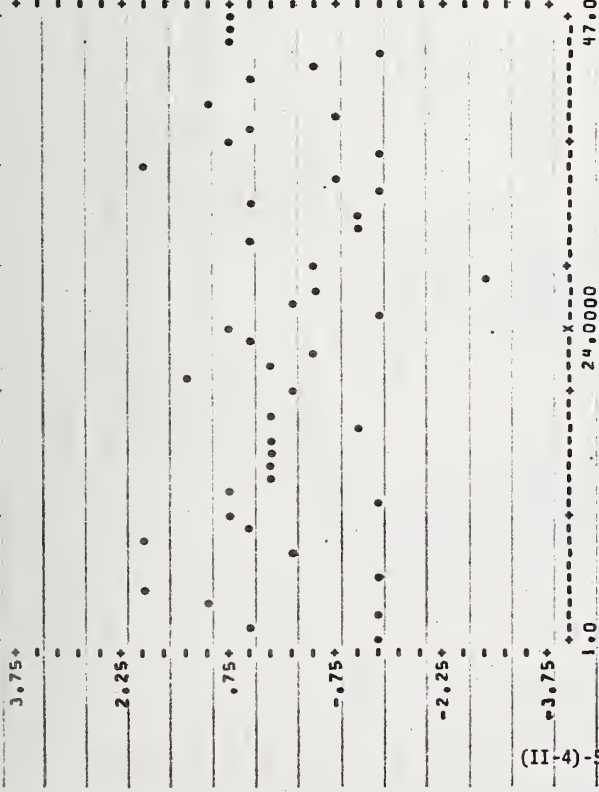
60 2. 42
 AS A LINEAR FUNCTION OF 11 PREDICTOR VARIABLES IN COLUMNS 64, 1, 30, 17, 13, 14, 15, 9,
 USING 47 NON-ZERO WEIGHTS = 1.00000000

ROW	COL. 1	COL. 30	COL. 17	COL. 70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	980.0	389.0	310400	300.000000	306.57085	7.9732146	-6.5708554	-1.50	1.000
2	800.0	287.0	258100	275.000000	272.70705	7.6035132	2.2929557	.46	1.000
3	1024.0	180.0	176200	181.000000	189.15945	6.1509062	-8.1594543	-1.22	1.000
4	850.0	245.0	235900	240.000000	232.23673	5.7317728	7.7632694	1.10	1.000
5	559.0	172.0	173500	208.000000	192.17382	3.6395411	15.826183	1.90	1.000
6	525.0	274.0	165900	181.000000	189.59992	6.6573026	-8.5999246	-1.39	1.000
7	598.0	60.00	174700	137.000000	138.51325	7.0834708	-1.5132552	-.26	1.000
8	422.0	94.00	115100	142.000000	125.10343	3.6861585	16.896575	2.03	1.000
9	116.0	48.00	47070	65.000000	60.884902	2.9782102	4.1150981	.48	1.000
10	334.0	73.00	54990	107.000000	100.02323	3.4957330	6.9767687	.83	1.000
11	535.0	92.00	148000	129.000000	138.67411	5.3909760	-9.6741124	-1.32	1.000
12	186.0	42.00	38650	59.000000	52.758944	2.4873496	6.2410568	.71	1.000
13	142.0	50.00	36790	68.000000	66.217312	2.3789439	1.7826890	.20	1.000
14	75.00	30.00	16530	37.000000	35.365356	2.7712964	1.6346436	.19	1.000
15	125.0	40.00	29060	47.000000	44.714698	2.8206843	2.2853023	.26	1.000
16	126.0	38.00	31310	53.000000	51.097497	2.3490533	1.9025031	.22	1.000
17	97.00	127.0	151500	156.000000	162.04049	6.2170147	-6.0404901	-.91	1.000
18	254.0	45.00	86580	89.000000	88.631115	3.5214338	.36888586	.04	1.000
19	98.00	29.00	16450	37.000000	38.395922	2.9048405	-1.3959219	-.16	1.000
20	67.00	72.00	136600	117.000000	107.99067	6.0332030	9.0093274	1.32	1.000
21	88.00	24.00	25220	28.000000	26.926630	3.5047499	1.0733696	.13	1.000
22	75.00	56.00	23770	50.000000	52.469102	5.8314444	-2.4691027	-.35	1.000
23	54.00	110.0	111400	141.000000	137.19825	3.0692341	3.8017524	.44	1.000
24	100.0	24.00	17590	38.000000	31.026228	2.5403498	6.9737723	.80	1.000
25	339.0	95.00	129100	142.000000	151.67497	4.4817173	-9.6749716	-1.22	1.000
26	85.00	23.00	9516	40.000000	42.268855	3.8563180	-2.2668551	-.28	1.000
27	378.0	61.00	79570	87.000000	90.449255	3.6170143	-3.4492551	-.41	1.000
28	285.0	77.00	94120	101.000000	122.91664	4.2054757	-21.916639	-2.72	1.000
29	450.0	80.00	117200	106.000000	110.68840	4.0283037	-4.6884020	-.57	1.000
30	344.0	64.00	92740	116.000000	111.02308	2.6799808	4.9769254	.57	1.000
31	106.0	35.00	15490	30.000000	39.786584	3.3562630	-9.7865843	-1.16	1.000
32	281.0	60.00	77060	84.000000	92.321150	2.4391589	-8.3211502	-.95	1.000
33	110.0	33.00	20380	51.000000	47.425311	3.1531348	-11.137381	-1.27	1.000
34	60.00	14.00	12460	22.000000	33.137381	2.5310964	6.9538620	.73	1.000
35	440.0	105.0	120500	153.000000	157.27174	6.9538620	-4.2671400	-.73	1.000
36	300.0	72.00	55870	114.000000	98.713993	3.9282721	15.286007	1.86	1.000
37	132.0	27.00	17180	31.000000	43.297334	2.7970476	-12.297334	-1.42	1.000
38	100.0	28.00	29000	39.000000	33.498775	2.5808679	5.5012257	.63	1.000
39	125.0	45.00	36960	47.000000	44.539550	4.0069646	2.4603498	.30	1.000
40	35.00	118.0	5895	12.000000	13.328279	3.4461944	-7.3282787	-.87	1.000
41	330.0	108.0	104200	123.000000	113.54930	4.0479924	9.4502040	1.16	1.000
42	175.0	61.00	48840	61.000000	56.199240	3.6595822	4.8007598	.58	1.000
43	485.0	93.00	100300	97.000000	101.19679	4.9941569	-4.1969873	-.55	1.000
44	272.0	68.00	63900	65.000000	75.299423	3.6364473	-10.299424	-1.23	1.000
45	115.0	38.00	31100	45.000000	38.52332	3.3301670	6.4071680	.76	1.000
46	750.0	219.0	182000	227.000000	221.23080	5.8363010	5.7691967	.83	1.000
47	350.0	67.00	92760	103.000000	96.117167	3.7565852	6.8828341	.83	1.000

(II-4)-4

STANDARDIZED RESIDUALS VS ROW NUMBER

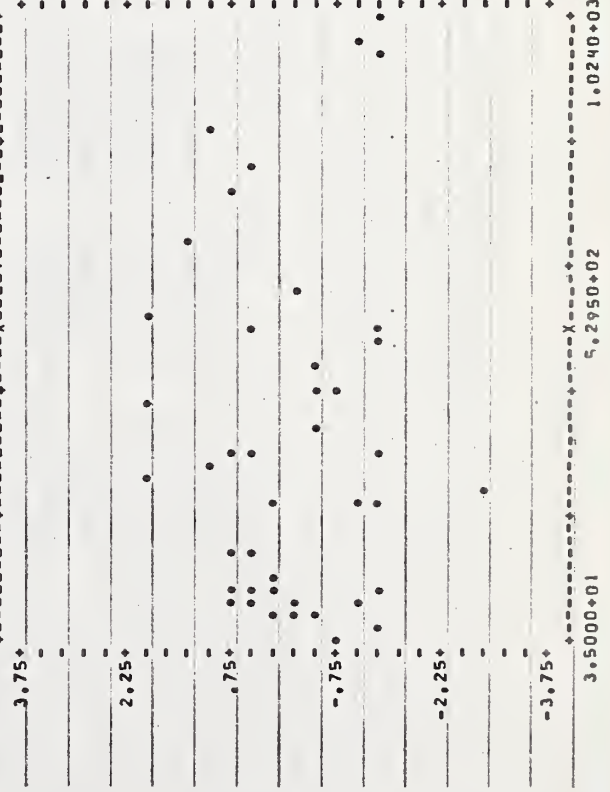
STANDARDIZED RESIDUALS VS PREDICTED VALUES



(II-4)-5

STANDARDIZED RESIDUALS VS BEDS

PROBABILITY PLOT OF STANDARDIZED RESIDUALS



2.5

0.0

2.5

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 11 PREDICTOR VARIABLES IN COLUMNS 64, 1, 30, 17, 13, 14, 15, 9,
 60, 2, 42 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	1	30	17	13	14	15
64	53.752929					
1	.021248908	2.4672255-04				
30	.19357252	7.610862-06	.0029362617			
17	-1.4776767-04	-4.5057340-07	-3.6712324-06	1.1896438-08		
13	-8.7484908-04	-5.4795675-06	8.8237028-06	-2.6764493-09		
14	6.9181318-04	3.7614953-06	2.2447828-07	-6.4821897-09	6.4864186-06	
15	3.0526640-06	4.9909552-08	-1.3817828-07	-7.8633132-11	-6.6774652-09	1.0366698-09
9	-2.7881724	.0072798014	-0.021167917	6.9796978-06	-7.0980082-05	1.6840014-10
60	-1.6026841-01	-.0078481139	-.058974188	1.8149004-06	-2.4105036-04	-1.6127668-07
2	.0014333714	-8.1054928-05	3.6213649-04	-1.72269635-06	4.9912846-05	-0.014222530
42	-3.9601510-01	-.025369428	-.016795693	3.1836653-04	1.6055383-06	3.4067037-06
COLUMN	9	2	42			
9	1.4514134					
60	-.24544226	16.695629				
2	-.0077903552	.020968321	4.9805744-04			
42	1.8751861	-1.2102206+01	-.049305558	1.0521061+C2		

(II-4)-6

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	486339.59	486339.59	1	4766.2912	46	5873.575	.000	768.376	.000
1	173562.37	329950.98	2	953.93404	45	2096.131	.000	257.857	.000
30	26827.420	228909.79	3	315.90026	44	323.998	.000	53.604	.000
17	6533.2476	173315.65	4	212.47358	43	78.903	.000	19.805	.000
13	1032.8492	138859.09	5	213.17892	42	12.474	.001	11.362	.000
14	863.57240	115859.84	6	157.07177	41	10.429	.003	11.177	.000
15	2185.5924	99620.658	7	137.10875	40	26.396	.000	11.326	.000
9	647.84519	87249.057	8	124.01295	39	7.824	.008	7.559	.000
60	1565.2906	7728.638	9	16.084586	38	18.904	.000	7.470	.001
2	97.742725	69265.748	10	65.715447	37	1.205	.280	1.753	.188
42	190.62535	63622.555	11	62.801285	36	2.302	.138	2.302	.138
RESIDUAL	2980.8463		36						
TOTAL	702829.00		47						

LEAST SQUARES FIT FOR DATA IN COLUMN 70
AS A LINEAR FUNCTION OF 11 PREDICTOR VARIABLES IN COLUMNS 64, 1, 30, 17, 13, 14, 15, 9,

60, 2, 42

USING 47 NON-ZERO WEIGHTS = 1.0000000

ESTIMATES FROM LEAST SQUARES FIT				FIT OMITTING LAST COLUMN			
COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	*ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	21.066566	7.3316389	2.87	5.98	26.924625	6.3414536	4.25
1	.016995334	.015707404	1.08	6.20	.020748110	.015782054	1.31
30	.26437870	.054187284	4.88	6.90	.28922375	.052555128	5.50
17	.00035922385	.00010907079	3.29	6.88	.00031212944	.00010638538	2.93
13	-.0017525157	.00070956496	-2.47	7.30	-.0019763323	.00070617095	-2.80
14	.0097791747	.0025468448	3.84	7.62	.010131901	.0025804577	3.93
15	.00057845047	.000012976908	4.46	7.33	.000061539083	.000012968847	4.75
9	2.9177592	1.2047462	2.42	6.71	2.6403719	1.2115682	2.18
60	-17.757327	4.0860285	-4.35	7.87	-15.955272	3.9778159	-4.01
2	.016625660	.022317201	.74	7.55	.023919192	.022173561	1.08
42	15.563295	10.257222	1.52	7.12			

(II-4)-7

RESIDUAL STANDARD DEVIATION = 9.0995212
BASED ON DEGREES OF FREEDOM 47-11 = 36

9.2582638
47-10 = 37

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

.98623098

2
1
0
9
8
7
6
5
4

ABS= COLUMN 68, ORD= COLUMN 70 (.),

3.0000+02+

D
B
S
E
R
R
V
E
D

2.4240+02+

V
A
L
U
E
S

1.8480+02+

(
A
N
C

(II-4)-8

1.2720+02+

R
N
J

6.9600+01+

1.2000+01+

1.9328+01

7.6777+01

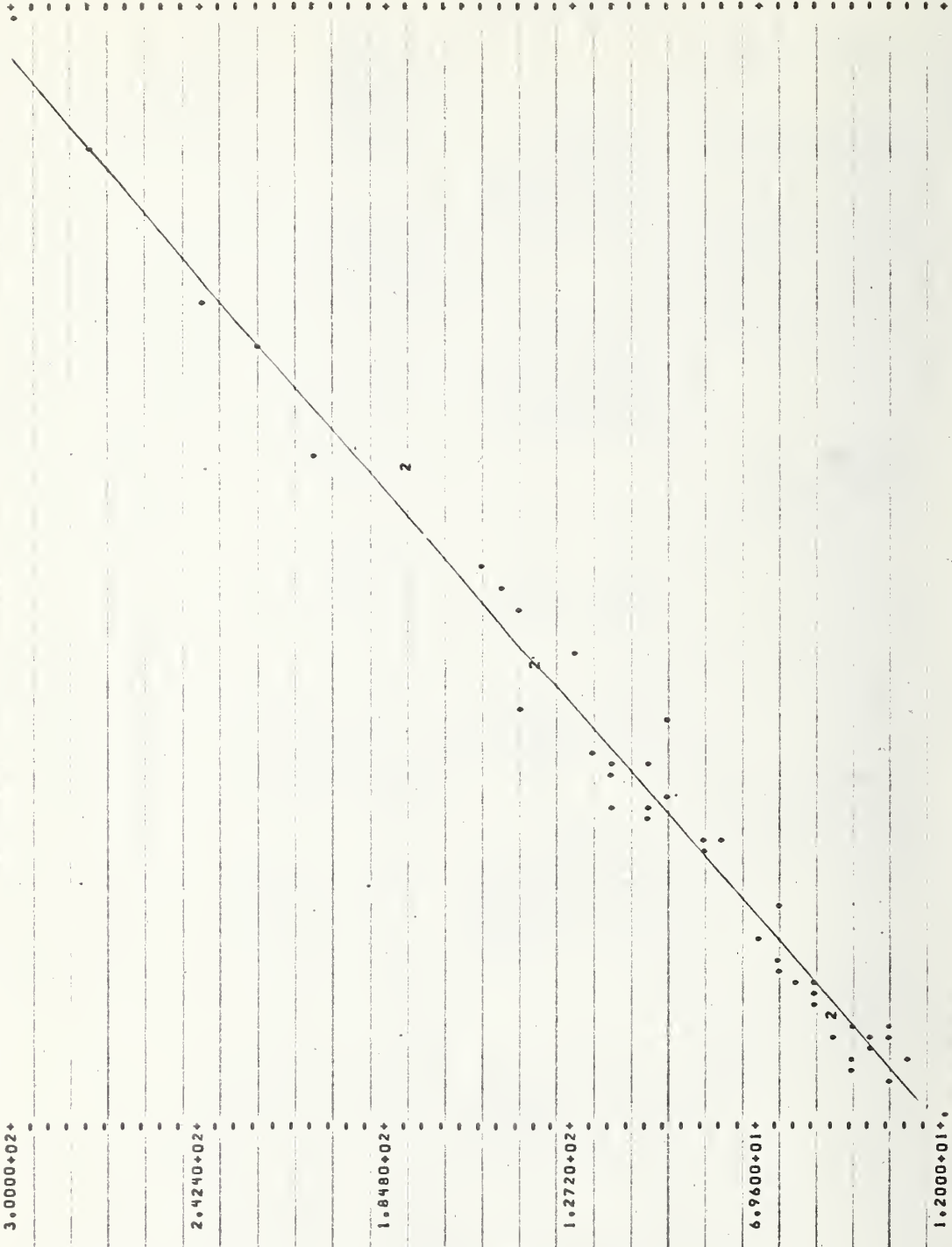
1.3423+02

1.9167+02

2.4912+02

3.0657+02

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)



12
11
10
9
8
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5
4
3
2
1

Computer Output for ANNEX II-3, Sec. 1.1.1 (2)

(II-4)-9

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 4 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 14
 USING 47 NON-ZERO WEIGHTS AND 0 ZERO WEIGHTS IN COLUMN 71

ROW	COL. 17	COL. 15	COL. 14	DATA COL. 70	PREDICTED VALUES	STO. DEV. OF PREO. VALUES	RESIDUALS	RES.	WEIGHTS
1	310400	1004000	797.0	300.00000	295.87610	8.0996413	4.1239038	.34	1.000
2	258100	816100	1300.	275.00000	250.91623	5.9064176	24.083774	1.80	1.000
3	176200	658600	2173.	181.00000	195.19392	4.4990328	-14.193917	-1.02	1.000
4	235900	634700	1233.	240.00000	225.64587	5.9079497	14.354132	1.07	1.000
5	173500	916600	1613.	208.00000	191.98871	4.4811416	16.011293	1.15	1.000
6	165900	562300	808.0	181.00000	165.88426	3.8431513	15.115740	1.07	1.000
7	174700	250100	90.00	142.00000	128.05611	2.8354004	13.943894	.97	1.000
8	115100	579000	909.0	65.00000	58.890515	2.8041680	6.1094850	.42	1.000
9	47070	23200	565.0	107.00000	81.445778	3.2954394	25.554222	1.79	1.000
10	54990	498200	1389.	129.00000	162.14780	3.0880759	-33.147806	-2.31	1.000
11	148000	710300	1391.	59.00000	55.190060	2.7735831	3.8099323	.26	1.000
12	38650	287800	659.0	68.00000	55.816133	2.6762029	12.183867	.85	1.000
13	36790	308600	840.0	37.00000	35.766072	3.1606986	1.2339278	.09	1.000
14	14530	236900	625.0	47.00000	46.208368	3.1682335	.79163173	.06	1.000
15	29060	274500	501.0	37.00000	48.608074	2.7409444	4.3919265	.30	1.000
16	31310	243700	808.0	53.00000	169.41252	4.5928843	-13.142519	-0.96	1.000
17	151500	856100	1144.	156.00000	95.625948	2.5419843	-6.6259480	-.46	1.000
18	86540	362100	712.0	89.00000	30.570384	3.4375521	6.4972616	.46	1.000
19	16450	155500	356.0	37.00000	140.97773	3.2421911	-23.977730	-1.68	1.000
20	136600	519500	727.0	117.00000	36.378334	3.3581839	-8.3783339	-.59	1.000
21	25220	116200	476.0	20.00000	48.469507	3.1876944	1.5349934	.11	1.000
22	23770	338900	1055.	50.00000	131.30641	3.0140517	9.6935889	.68	1.000
23	111400	594600	1738.	191.00000	31.396712	3.5310143	6.6032877	.46	1.000
24	17490	165500	293.0	38.00000	153.51310	4.1894938	-11.513097	-.82	1.000
25	129100	733700	2153.	112.00000	24.544604	3.5796241	15.455396	1.09	1.000
26	9516	146100	322.0	40.00000	93.841748	3.1992424	-6.8417491	-.48	1.000
27	79570	470100	564.0	87.00000	174.20602	5.3382589	-23.206024	-1.70	1.000
28	94120	623200	2513.	101.00000	126.06134	2.6339321	-22.061343	-1.53	1.000
29	117200	540700	911.0	106.00000	108.67146	2.2682704	7.3285406	.51	1.000
30	92700	463700	1327.	116.00000	31.658737	3.5794682	-1.6587370	-.12	1.000
31	15490	206700	313.0	30.00000	95.222727	2.6190487	-11.222727	-.78	1.000
32	77060	410400	1465.	84.00000	34.470369	3.1745915	16.529631	1.15	1.000
33	20380	136800	622.0	51.00000	25.899477	3.5650111	-3.8994769	-.27	1.000
34	12460	148800	328.0	27.00000	160.48393	9.8244336	-7.4839277	-.69	1.000
35	120500	1206000	1167.	153.00000	87.662796	3.3600060	31.337204	2.20	1.000
36	55870	490400	1523.	114.00000	35.632075	3.3947681	-4.6320757	-.32	1.000
37	22000	97710	757.0	31.00000	31.831904	3.2193399	7.1680964	.50	1.000
38	17180	126900	660.0	39.00000	56.914601	2.8486569	-9.9146014	-.69	1.000
39	35960	294300	1201.	47.00000	16.546380	3.9718955	-4.5463803	-.32	1.000
40	5895	34730	247.0	12.00000	127.44993	4.2697257	-4.4499330	-.32	1.000
41	104200	563500	2206.	123.00000	68.343472	2.8846294	-7.3434733	-.51	1.000
42	48840	306400	1353.	61.00000	106.71312	5.8549131	-9.7131193	-.72	1.000
43	100300	186200	1876.	97.00000	82.728053	3.9608346	-17.728053	-1.26	1.000
44	67900	231900	1556.	65.00000	27.9521912	2.9521912	-2.5686534	-.18	1.000
45	31100	193600	996.0	45.00000	202.91247	7.9846855	24.087531	1.96	1.000
46	182000	745600	3402.	227.00000	104.563601	4.3715854	-1.6360117	-.12	1.000
47	92760	237000	1791.	103.00000					

(II-4)-10

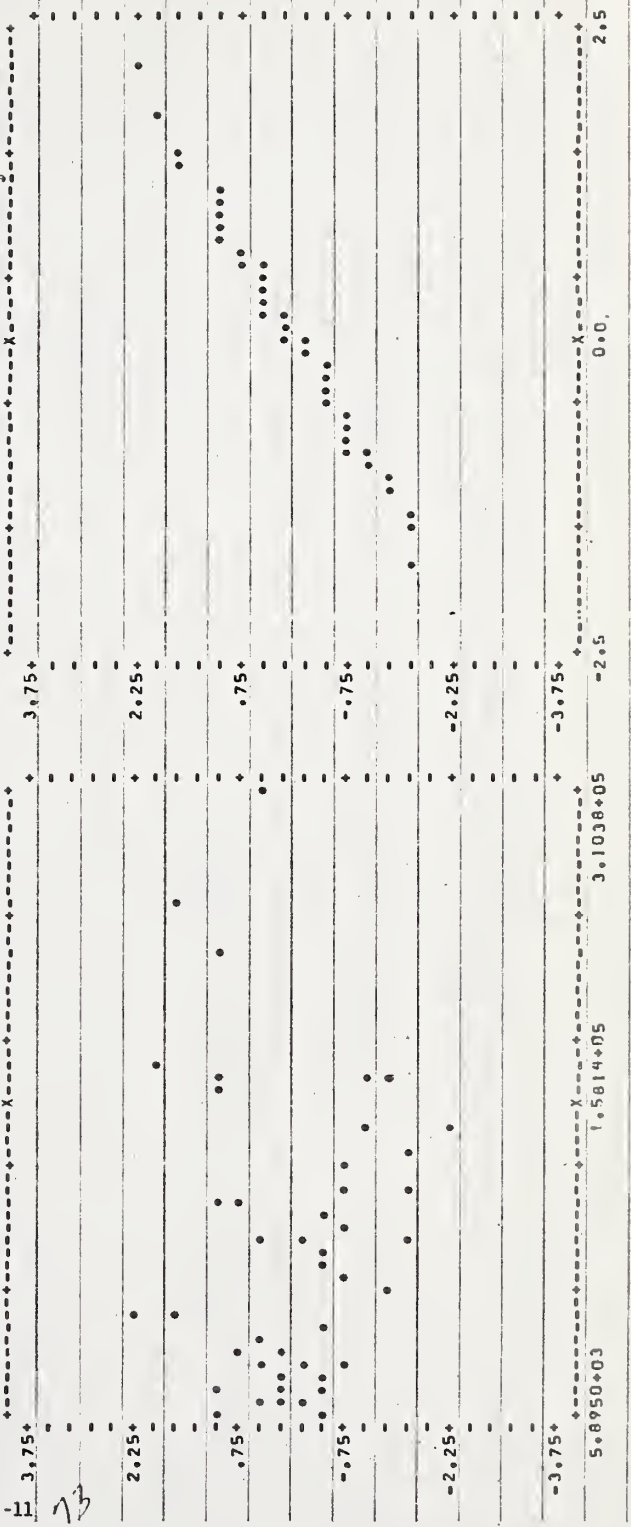
STANDARDIZED RESIDUALS VS PREDICTED VALUES

STANDARDIZED RESIDUALS VS ROW NUMBER



STANDARDIZED RESIDUALS VS R O D

PROBABILITY PLOT OF STANDARDIZED RESIDUALS



(II-4)-11

OMNITAR

114W

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 4 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 14
 USING 47 NON-ZERO WEIGHTS AND 0 ZERO WEIGHTS IN COLUMN 71

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	17	15	14
64	20.027848			
17	2.136606-06	2.4015196-09		
15	-1.7173614-05	-5.2368060-10	1.9572164-10	
14	-.007555393	4.5343390-09	-1.9118859-08	1.4030176-05

ANALYSIS OF VARIANCE

-DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEFF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	486339.59	486339.59	1	4706.2912	46	2263.132	.000	806.886	.000
17	203277.87	344808.73	2	293.58952	45	945.933	.000	321.471	.000
15	3325.0583	230980.84	3	224.69250	44	15.473	.000	9.239	.000
14	645.91284	173397.11	4	214.89668	43	3.006	.090	3.006	.090
RESIDUAL	9240.5573		43						
TOTAL	702829.00		47						

(II-4)-12

74

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LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 4 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 14
 USING 47 NON-ZERO WEIGHTS AND 0 ZERO WEIGHTS IN COLUMNS 71

ESTIMATES FROM LEAST SQUARES FIT		FIT OMITTING LAST COLUMN					
COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	8.9270344	4.4752483	1.99	5.62	12.425043	4.0846366	3.04
17	.00077070563	.000049034924	15.47	7.25	.0007680691	.000050943065	15.09
15	.000042388023	.000013990055	3.03	7.12	.000051237193	.000013319257	3.85
14	.0064938711	.0037456877	1.73	6.41			
RESIDUAL STANDARD DEVIATION =		14.659355				14.989747	
BASED ON DEGREES OF FREEDOM		47 - 4 = 43				47 - 3 = 44	

• THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS
 .95731635

12
11
10
9
8
7
6
5
4

ABS- COLUMN 68 ,ORD- COLUMN 78 (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



0.0000 X
 1.0000
 2.0000
 3.0000
 4.0000
 5.0000
 6.0000
 7.0000

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)

0.0000
 1.0000
 2.0000
 3.0000
 4.0000
 5.0000
 6.0000
 7.0000

(II-4)-14

91

Computer Output for ANNEX II-3, Sec. 1.1.1 (3)

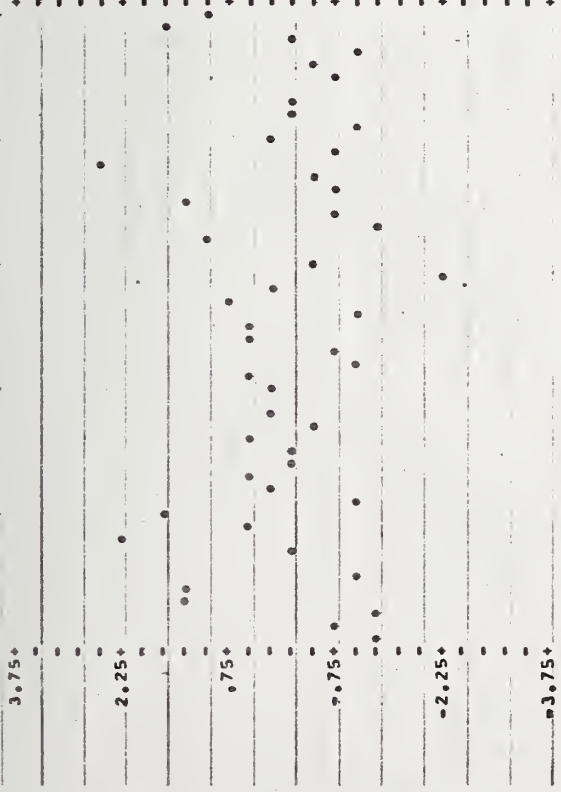
LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 8 PREDICTOR VARIABLES IN COLUMNS 64, 30, 17, 13, 14, 15, 9, 2
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ROW	COL. 30	COL. 17	COL. 13	DATA COL. 70	PREDICTED VALUES	STO. DEV. OF PRED. VALUES	RESIDUALS	STO. RES.	WEIGHTS
1	389.0	310400	15680	300.00000	306.67911	9.3777956	-6.6791134	-1.23	1.000
2	287.0	258100	15010	275.00000	280.08170	8.7180232	-5.0817028	-.79	1.000
3	180.0	176200	10990	181.00000	194.87219	4.1844219	-13.872329	-1.39	1.000
4	245.0	235900	13600	240.00000	227.21076	5.8444591	12.789241	1.40	1.000
5	172.0	173500	14750	208.00000	194.95315	4.1503364	13.046855	1.30	1.000
6	274.0	165900	11140	181.00000	188.12574	7.5207742	-7.1257417	-.91	1.000
7	60.0	174700	4725	137.00000	137.85516	8.3579143	-.85516444	-.12	1.000
8	94.0	115100	9804	142.00000	120.35616	3.6027621	21.643641	2.12	1.000
9	48.0	47070	6394	65.00000	59.959278	2.6914834	5.0403227	.48	1.000
10	73.0	54990	9004	107.00000	90.73272	3.1252646	16.267228	1.57	1.000
11	92.0	148000	14820	129.00000	138.55028	5.6874892	-9.502814	-1.03	1.000
12	42.0	38650	4742	59.00000	56.37920	2.5025867	2.6203802	.25	1.000
13	50.0	36790	4925	68.00000	64.615743	2.7067347	3.3842577	.32	1.000
14	30.0	16530	2878	37.00000	40.010342	2.7679401	-3.0103421	-.29	1.000
15	40.0	29060	3768	49.00000	49.624516	2.7318834	-2.6245167	-.25	1.000
16	38.0	31310	4850	53.00000	47.05761	2.5050730	5.9429395	.56	1.000
17	127.0	151500	18930	156.00000	161.10308	4.6033890	-5.1030759	-.52	1.000
18	45.0	86580	9614	89.00000	86.983397	2.9397029	2.0166042	.19	1.000
19	29.0	16450	2494	37.00000	35.50265	2.9213318	1.4937352	.14	1.000
20	72.0	136600	19720	117.00000	112.85360	6.7104818	4.1444009	.49	1.000
21	24.0	25220	3043	38.00000	38.838596	2.6448767	-10.838596	-1.03	1.000
22	56.0	23770	5130	50.00000	58.508032	3.5822766	-8.5080322	-.83	1.000
23	110.0	111400	11760	141.00000	137.46662	2.9711393	3.5333831	.34	1.000
24	24.0	17590	2705	38.00000	33.989558	2.6926999	4.0104425	.38	1.000
25	95.0	129100	11680	142.00000	150.81681	4.9551306	-8.8168068	-.91	1.000
26	23.0	9516	2110	40.00000	30.792549	3.1290695	9.2074516	.89	1.000
27	61.0	79570	13040	87.00000	85.442620	3.7022409	1.5573802	.15	1.000
28	77.0	94120	11630	101.00000	123.93462	4.7104757	-22.934617	-2.35	1.000
29	80.0	117200	16210	106.00000	110.53158	4.2278997	-4.5315755	-.45	1.000
30	44.0	8097	92740	116.00000	106.33608	2.9456134	9.6639247	.93	1.000
31	35.0	15490	2699	30.00000	42.661864	3.7043345	-12.661864	-1.24	1.000
32	60.0	77060	9823	84.00000	92.653655	2.2388354	-8.6536552	-.82	1.000
33	33.0	20380	4017	51.00000	37.941511	2.6751671	13.058490	1.24	1.000
34	14.0	12460	2055	28.00000	28.447920	2.7170866	-6.4479204	-.61	1.000
35	105.0	120500	23690	153.00000	156.22402	7.8373523	-3.2240252	-.43	1.000
36	72.0	55870	8838	114.00000	87.024790	2.9539935	26.975210	2.59	1.000
37	27.0	22900	3025	31.00000	38.512871	2.6805565	-7.5128711	-.72	1.000
38	28.0	17180	2865	39.00000	36.549532	2.6790291	2.4504180	.23	1.000
39	45.0	35960	6336	47.00000	56.904938	2.5049746	-9.9049077	-.94	1.000
40	11.0	5895	1332	14.00000	14.785682	3.2032912	-2.7856825	-.27	1.000
41	108.0	104200	13690	123.00000	123.21705	3.8525164	-.21705383	-.02	1.000
42	61.0	48840	6877	69.00000	69.140832	2.3859395	-8.1408030	-.77	1.000
43	93.0	100300	10840	97.00000	101.16263	5.7814510	-4.1625981	-.45	1.000
44	68.0	69900	7713	65.00000	76.786577	3.3631321	-11.786578	-1.14	1.000
45	38.0	31100	4693	45.00000	45.507732	3.42650815	-.50770254	-.05	1.000
46	219.0	182000	18790	227.00000	211.46573	6.3097241	15.534250	1.76	1.000
47	67.0	92760	10800	103.00000	91.844975	4.1545860	11.155006	1.11	1.000

(II-4)-16

STANDARDIZED RESIDUALS VS ROW NUMBER

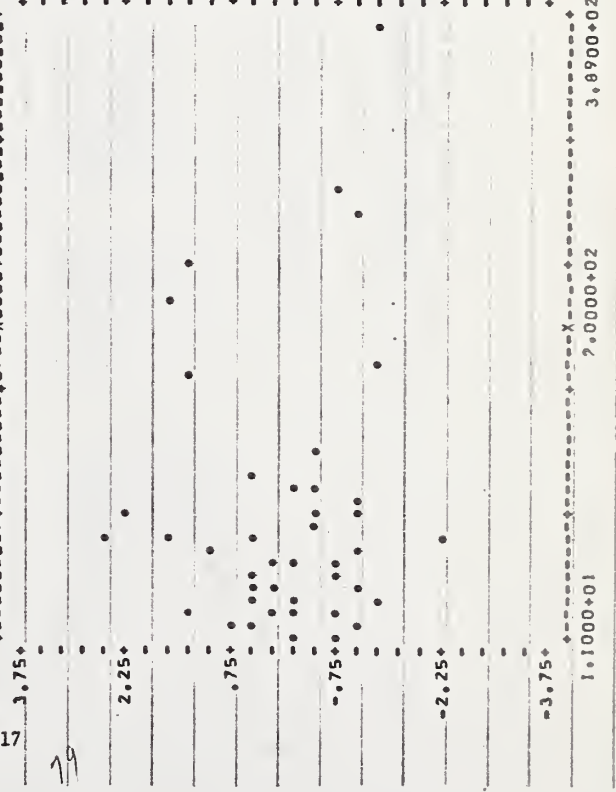
STANDARDIZED RESIDUALS VS PREDICTED VALUES



(II-4)-17

STANDARDIZED RESIDUALS VS M.D.

PROBABILITY PLOT OF STANDARDIZED RESIDUALS



0.0

2.5

2.5

56

12
11
10
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2

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 8 PREDICTOR VARIABLES IN COLUMNS 64, 30, 17, 13, 14, 15, 9, 2
 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	30	17	13	14	15	9
64	15.632457						
30	.033379986	.0011678917					
17	2.8372366-05	-4.3970938-06	1.4644546-08				
13	-8.8373701-05	1.4975457-05	-2.1560579-08	5.2936407-07			
14	-.0035074309	-1.6378976-05	1.1339170-08	-7.3573277-07	8.8360564-06		
15	-6.2075755-06	-2.2096395-07	8.6046468-11	-7.6412655-07	2.9385357-10	2.1832147-10	
9	-2.9621876	-.0244539552	7.6776547-06	-5.6559531-05	-3.1909377-04	-3.3173020-07	1.9673540
2	.0034749767	4.6914043-04	-2.4671771-06	4.8575032-07	6.6506498-06	-1.4782105-08	-.0084105134

COLUMN 2

2 6.1123995-04

(II-4)-18

ANALYSIS OF VARIANCE

-DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=REQ. DUE TO COEF.	CUM.	MS REDUCTION	D.F.	CUM.	RESIDUAL MS	D.F.	F(COEF=01)	F(COEF=01)	P(F)
64	486339.59		486339.59	1	4776.2912	46	4139.044	.000	742.812	.000
30	187977.08		337158.34	2	63.60701	45	1599.799	.000	257.637	.000
17	18812.270		231042.98	3	210.45559	44	160.104	.000	33.943	.000
13	1148.4982		173569.36	4	158.87321	43	9.774	.003	8.711	.000
14	877.41422		139030.97	5	162.71747	42	7.467	.009	8.445	.000
15	2125.2049		116213.34	6	15.33973	41	18.087	.000	8.771	.000
9	607.24892		99698.255	7	13.52950	40	5.172	.029	4.112	.024
2	358.66167		87280.806	8	117.50047	39	3.052	.088	3.052	.088
RESIDUAL	4582.5184			39						
TOTAL	702829.00			47						

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 8 PREDICTOR VARIABLES IN COLUMNS 64, 30, 17, 13, 14, 15, 9, 2
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ESTIMATES FROM LEAST SQUARES FIT

COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	5.5244541	1.9537902	1.40	5.36	5.2788668	4.0513948	1.30
30	.21095682	.056284027	3.75	6.61	.17780906	.054331269	3.27
17	.00036661658	.00012101465	3.03	7.23	.00054096465	.000070189822	7.71
13	-.0015395498	.00072757410	-2.12	6.88	-.0015738763	.00074573470	-2.11
14	.002780276	.0029725505	2.78	7.55	.0078000461	.0030353524	2.57
15	.000060826199	.000014775705	4.12	8.00	.000061870806	.000015137631	4.09
9	2.5003578	1.4026239	1.78	6.88	3.0947038	1.3952188	2.22
2	.043194510	.024723267	1.75	6.85			

FIT OMITTING LAST COLUMN

RESIDUAL STANDARD DEVIATION = 10.839764
 BASED ON DEGREES OF FREEDOM 47- 8 = 39

11.114383
 47- 7 = 40

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

.97883260

((II-4)-19

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ABS= COLUMN 68 ,ORD= COLUMN 70 (.),

3.0000+02+

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(II-4)-20

1.2720+02+

82

6.9600+01+

1.2000+01+

1.4786+01

7.3164+01

1.3154+02

1.8992+02

2.4830+02

3.0668+02

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)
FITTED VALUE, IN HOSPITAL-NUMBER ORDER, THE COLUMNS FOLLOWING THE HOSPITAL
ID NUMBER ARE FOR THE FIT OF (ANC + RN) AGAINST (1) BEDS STAFFED, MD'YS, MCCU

Computer Output for ANNEX II-3, Sec. 1.1.2 (1)

(II-4)-21

83

LEAST SQUARES FIT FOR DATA IN COLUMN 70
AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 17
USING 47 NON-ZERO WEIGHTS = 1.000000

ROW	B O O IN COLUMN 17	DATA IN COLUMN 70	PREDICTED VALUES	STO. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	310377.00	100.000000	307.77465	8.2198792	-7.7746481	-.52	1.000
2	258148.00	775.000000	259.47045	6.4950870	15.5299554	.98	1.000
3	176153.00	181.000000	183.63704	3.9921744	-2.6370380	-.16	1.000
4	235898.00	740.000000	238.89244	5.7811030	1.1075577	.07	1.000
5	173520.00	208.000000	181.20190	3.9204385	26.798103	1.61	1.000
6	165920.00	181.000000	174.17301	3.7185367	6.8626932	1.41	1.000
7	174735.00	137.000000	162.32559	3.9534337	-45.325595	-2.72	1.000
8	115049.00	142.000000	127.14326	2.6795208	14.856746	.88	1.000
9	47073.000	65.000000	64.256879	2.8764519	.74312154	.04	1.000
10	54988.000	107.000000	71.577099	2.7493897	35.422902	2.09	1.000
11	148019.00	129.000000	157.61719	3.2800417	-28.617194	-1.70	1.000
12	38645.000	59.000000	56.462209	3.0340231	2.5377913	.15	1.000
13	36787.000	68.000000	54.743831	3.0715176	13.256170	.79	1.000
14	16528.000	37.000000	36.007213	3.5332513	.99278741	.06	1.000
15	29056.000	47.000000	47.593783	3.2370263	-.59378325	-.04	1.000
16	31307.000	53.000000	49.675630	3.1873326	3.3243706	.20	1.000
17	151508.00	156.000000	160.84401	3.3660751	-4.8640105	-.29	1.000
18	86578.000	89.000000	100.79324	2.4995670	-11.793237	-.70	1.000
19	16447.000	37.000000	35.932300	3.5352643	1.0677008	.06	1.000
20	136638.00	117.000000	147.09143	3.0363266	-30.091431	-1.78	1.000
21	25219.000	28.000000	44.045118	3.3243621	-16.045119	-.95	1.000
22	23772.000	50.000000	42.706855	3.3581146	7.2931449	.43	1.000
23	111443.00	141.000000	123.78973	2.6362543	17.210267	1.02	1.000
24	17585.000	38.000000	36.984784	3.4507097	1.0152164	.06	1.000
25	129111.00	142.000000	140.13005	2.8943040	1.8699459	.11	1.000
26	9516.0000	40.000000	29.522136	3.7115541	10.477864	.63	1.000
27	79571.000	87.000000	94.312784	2.45151344	-7.3127847	-.43	1.000
28	94124.000	101.000000	107.77219	2.5098662	-6.7721856	-.40	1.000
29	117167.00	106.000000	129.08360	2.7069803	-23.083597	-1.36	1.000
30	92736.000	116.000000	106.40849	2.45058689	9.5115118	.56	1.000
31	15491.000	30.000000	35.048139	3.5591040	-5.0481390	-.30	1.000
32	77055.000	84.000000	91.945851	2.5265652	-7.9858520	-.47	1.000
33	20376.000	51.000000	39.566051	3.4389827	11.4433949	.68	1.000
34	12464.000	22.000000	32.248605	3.6356217	-10.248605	-.61	1.000
35	120501.00	153.000000	132.16706	2.7541178	20.832939	1.23	1.000
36	55869.000	114.000000	72.391895	2.7336313	41.608105	2.46	1.000
37	22898.000	31.000000	41.898532	3.3787090	-10.898533	-.65	1.000
38	17180.000	39.000000	36.610218	3.5170904	2.3897826	.14	1.000
39	35959.000	47.000000	53.976050	3.0885249	-6.9780506	-.41	1.000
40	5895.0000	12.000000	26.173239	3.8066085	-14.173239	-.85	1.000
41	104206.00	123.000000	117.09656	2.5666938	5.9034358	.35	1.000
42	48841.000	61.000000	65.892020	2.8462037	-4.8920206	-.29	1.000
43	100282.00	97.000000	113.46744	2.5388547	-16.467437	-.97	1.000
44	69895.000	65.000000	85.363897	2.5754848	-20.363897	-1.20	1.000
45	31098.000	45.000000	49.482335	3.1918966	-4.4823350	-.27	1.000
46	182028.00	227.000000	189.07056	4.1552053	37.929443	2.28	1.000
47	92760.000	103.000000	109.51068	2.5059300	-3.5106846	-.21	1.000

(II-4)-22

STANDARDIZED RESIDUALS VS ROW NUMBER

STANDARDIZED RESIDUALS VS PREDICTED VALUES



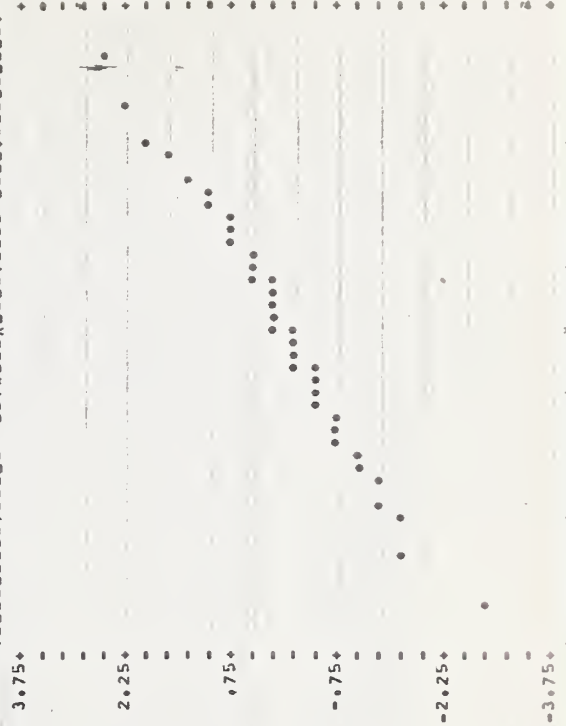
(II-4)-23

STANDARDIZED RESIDUALS VS B O D



12
11
10
9
8
7
6
5
4
3
2

PROBABILITY PLOT OF STANDARDIZED RESIDUALS



LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 17
 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	17
64	15.722996	
17	-1.0819828-04	1.2353694-09

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, (UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	486339.59	486339.59	1	47(6.2912	46	1656.529	.000	1174.459	.000
17	203277.87	344808.73	2	253.58952	45	692.388	.000	692.388	.000
RESIDUAL	13211.528		45						
TOTAL	702829.00		47						

(II-4)-24

86

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 17
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ESTIMATES FROM LEAST SQUARES FIT				FIT OMITTING LAST COLUMN			
COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	20.721226	1.9652233	5.23	6.13	101.72341	10.006691	10.17
17	.00092485404	.000035147822	26.31	7.63			
RESIDUAL STANDARD DEVIATION *				17.134454	68.602414		
BASED ON DEGREES OF FREEDOM				47 - 2 = 45	47 - 1 = 46		

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS
 .93897378

87

12
11
0
0
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7
0

Computer Output for ANNEX II-3, Sec. 1.1.2 (2)

(II-4)-27

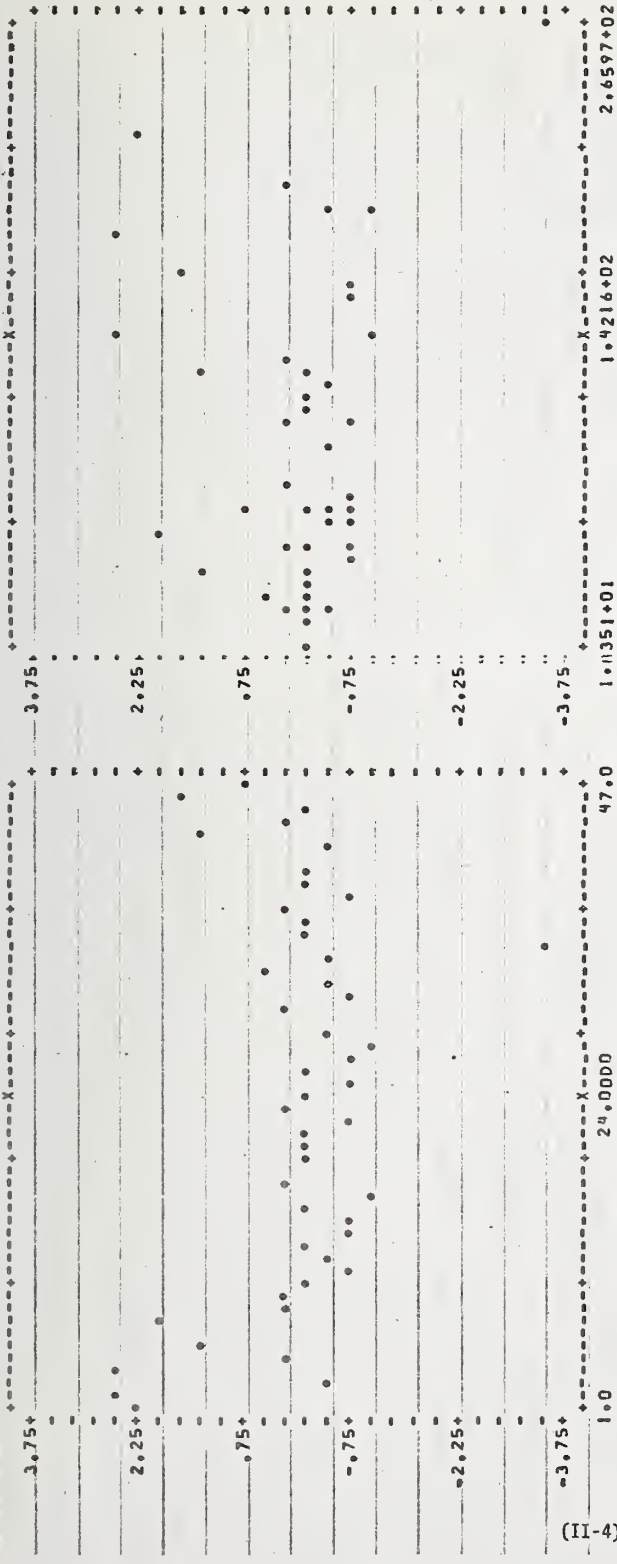
LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 15
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ROW	VISITS IN COLUMN	15	DATA IN COLUMN	70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	1004155.0		100.00000		223.34438	12.566318	76.655618	2.21	1.000
2	816057.00		975.00000		183.56942	9.3436261	91.430578	2.57	1.000
3	858582.00		181.00000		192.56170	10.042483	-11.561702	-3.33	1.000
4	634707.00		240.00000		145.22138	6.7354148	94.778616	2.62	1.000
5	916632.00		208.00000		204.83688	11.028302	3.1631202	.09	1.000
6	562298.00		181.00000		129.90987	5.9824308	51.090130	1.41	1.000
7	250124.00		137.00000		63.897959	6.4296944	73.102041	2.02	1.000
8	578980.00		142.00000		133.43743	6.1345783	8.5625761	.24	1.000
9	233206.00		65.00000		40.320499	6.6192067	4.6795006	.13	1.000
10	498235.00		107.00000		116.36319	5.5432613	-9.3631903	-1.26	1.000
11	710312.00		129.00000		161.20872	7.7285573	-32.208719	-8.89	1.000
12	287809.00		59.00000		71.866779	6.0527078	-12.866779	-3.35	1.000
13	308632.00		68.00000		76.226984	5.8745568	-8.2699842	-2.23	1.000
14	236910.00		37.00000		61.103742	6.5767305	-24.103742	-6.67	1.000
15	27471.00		47.00000		69.046343	6.1785182	-22.046343	-6.61	1.000
16	243736.00		53.00000		62.547160	6.4998823	-9.5471597	-2.26	1.000
17	856101.00		156.00000		192.03707	10.001114	-36.037074	-1.02	1.000
18	362110.00		89.00000		87.578374	5.5320423	1.4216266	.04	1.000
19	155533.00		37.00000		43.895867	7.6179923	-6.8958669	-1.19	1.000
20	519533.00		117.00000		120.86684	5.6617317	-3.8668381	-1.11	1.000
21	116160.00		28.00000		35.570102	8.1877878	7.5701025	-2.21	1.000
22	338910.00		50.00000		82.672531	5.6590071	-32.672531	-9.0	1.000
23	594585.00		141.00000		136.73724	6.2892101	4.2827629	.12	1.000
24	16574.00		38.00000		45.997978	7.4800525	-7.9979781	-2.22	1.000
25	733655.00		142.00000		166.14480	8.0644002	-24.144799	-6.67	1.000
26	146091.00		40.00000		41.898273	7.7513412	-1.8992736	-0.05	1.000
27	470094.00		87.00000		110.41253	5.4329131	-23.412531	-6.64	1.000
28	623242.00		101.00000		142.79701	6.6012829	-41.797009	-1.15	1.000
29	540451.00		106.00000		125.33242	5.8069701	-19.332423	-5.3	1.000
30	463690.00		116.00000		109.05835	5.4154613	6.9416508	.19	1.000
31	206665.00		30.00000		54.708173	6.9385464	-24.708173	-6.68	1.000
32	410386.00		84.00000		97.786754	5.3845171	-13.786754	-3.8	1.000
33	136837.00		51.00000		39.942435	7.8841271	11.057565	.31	1.000
34	124760.00		22.00000		37.388648	8.0603651	-15.388648	-4.3	1.000
35	1205712.0		153.00000		265.96536	16.254642	-112.96536	-3.42	1.000
36	490399.00		114.00000		114.70620	5.5071234	-7.0619995	-0.2	1.000
37	97706.000		31.00000		31.667843	8.4662449	-6.6784334	-0.2	1.000
38	126880.00		39.00000		37.836941	8.0291953	1.1630597	.03	1.000
39	294296.00		47.00000		73.238512	5.9947506	-26.238512	-7.2	1.000
40	34728.000		12.00000		18.330596	9.4606674	-6.3505966	-1.8	1.000
41	563491.00		123.00000		130.16214	5.9928383	-7.1621400	-2.0	1.000
42	306412.00		61.00000		75.800546	5.8924395	-14.800546	-4.1	1.000
43	196180.00		97.00000		52.491030	7.0714394	44.508971	1.23	1.000
44	21860.00		65.00000		60.035876	6.6347746	4.9641238	.14	1.000
45	193600.00		45.00000		51.945465	7.1046844	-6.9454654	-1.9	1.000
46	745571.00		227.00000		168.66454	8.2434655	58.335458	1.63	1.000
47	296966.00		103.00000		73.803107	5.9715310	29.196893	.80	1.000

(II-4)-28

STANDARDIZED RESIDUALS VS RDW NUMBER

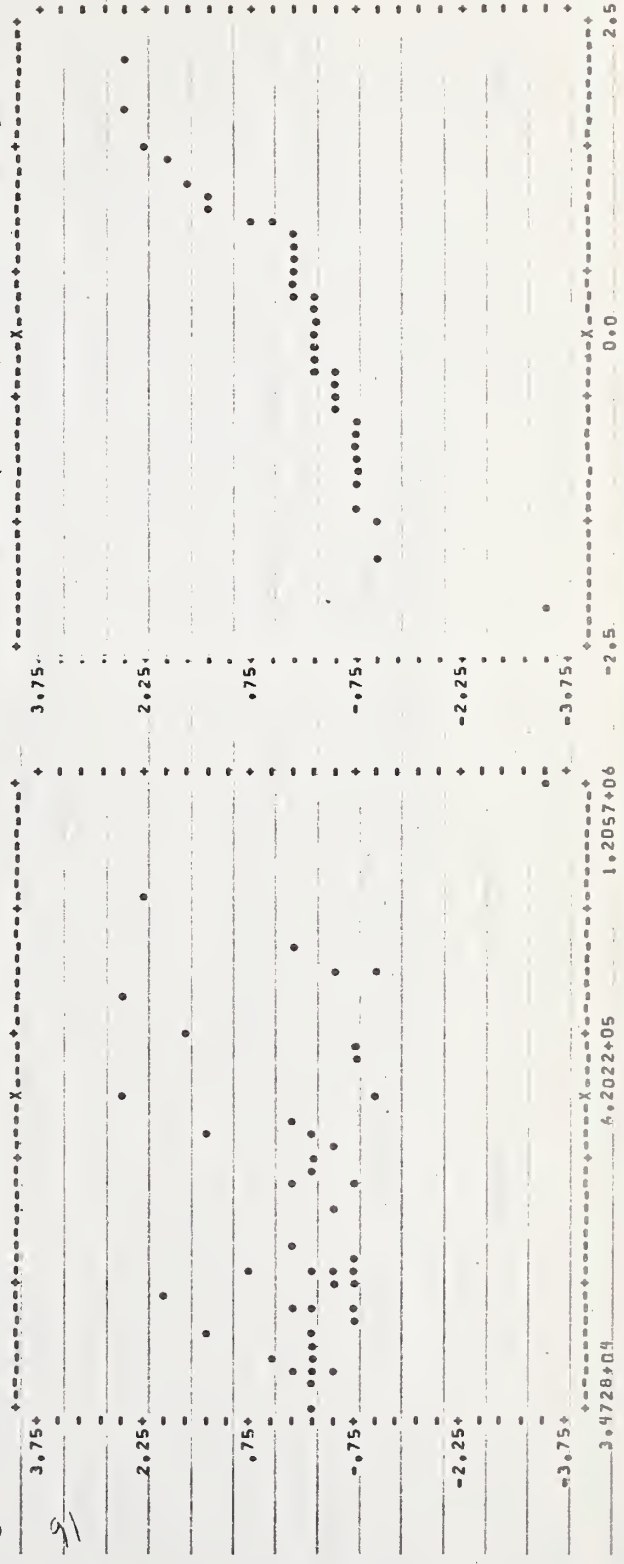
STANDARDIZED RESIDUALS VS PREDICTED VALUES



(II-4)-29

STANDARDIZED RESIDUALS VS VISITS

PRBABILITY PLOT DF STANDARDIZED RESIDUALS



3.75+
2.25+
.75+
-0.75+
-2.25+
-3.75+
1.0
47.0
24.0000
1.0351+01
1.4216+02
3.75+
2.25+
.75+
-0.75+
-2.25+
-3.75+
1.0
9
2.5
0
1
2
3
4
5
6
7
8
9
3.4728+04
6.2022+05
1.2057+06
-2.5
0.0
2.5

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 15
 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	15
64	1.0065829*02	
15	-1.6736606-04	3.9012827-10

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	486339.59	486339.59	1	4706.2912	46	358.574	.000	236.595	.000
15	155455.12	320897.36	2	1336.3173	45	114.616	.000	114.616	.000
RESIDUAL		61034.277	45						
TOTAL	702829.00		47						

(II-4)-30

52

12
11
10
9
8
7
6
5
4
3
2
1
0

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 15
 USING 47 NON-ZERO WEIGHTS = 1.0000000

COLUMN	COEFFICIENT	S.O. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.O. OF COEFF.	RATIO
64	11.007059	10.032861	1.10	5.86	101.72341	10.006691	10.17
15	.00021145871	.000019751665	10.71	7.76			

RESIDUAL STANDARD DEVIATION = 36.828213
 BASED ON DEGREES OF FREEDOM 47 - 2 = 45

68.602414
 47 - 1 = 46

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

FIT OMITTING LAST COLUMN

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS
 .71807264

ABS- COLUMN 68, ORD- COLUMN 70 (.),

3.0000+02+

O

B

S

E

R

V

E

D

2.4240+02+

V

A

L

L

U

E

S

O

F

1.8480+02+

I

A

M

C

+

(II-4)-32

1.2720+02+

R

M

)

6.9600+01+

2

1.2000+01+

1.8351+01

6.7874+01

1.1740+02

1.6692+02

2.1644+02

2.6597+02

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)

12
11
10
9
8
7
6
5
4
3
2

Computer Output for ANNEX II-3, Sec. 1.1.2 (3)

(II-4)-33

95

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 14
 USING 47 NON-ZERO WEIGHTS = 1.00000000

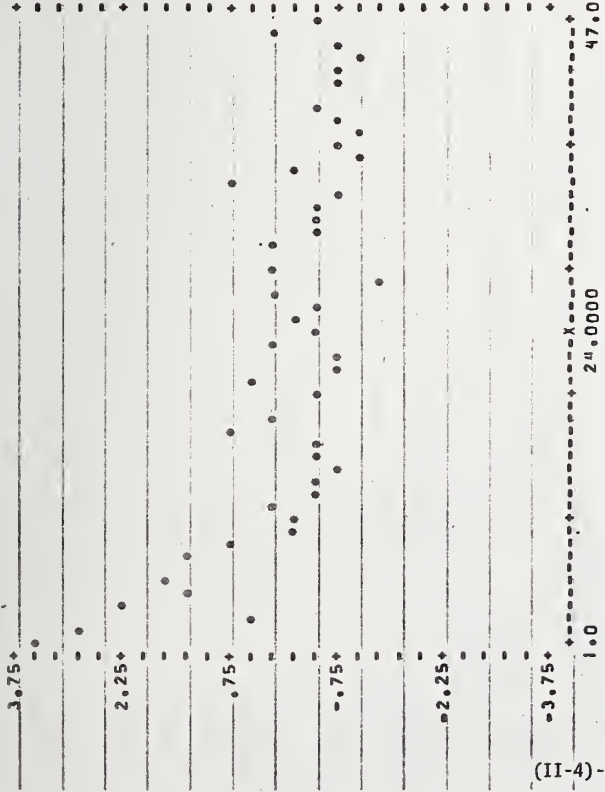
ROW	BIRTHS IN COLUMN 14	DATA IN COLUMN 70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STO. RES.	WEIGHTS
1	797.00000	100.00000	87.216000	9.7031209	212.78400	3.55	1.000
2	1300.0000	275.00000	111.70683	9.2728859	163.29317	2.72	1.000
3	2173.0000	181.00000	154.21279	16.782659	26.787213	.46	1.000
4	1233.0000	740.00000	108.44463	9.0537819	131.55537	2.19	1.000
5	1613.0000	708.00000	126.94465	11.203671	81.053349	1.36	1.000
6	808.00000	181.00000	87.751583	9.6450307	93.248418	1.55	1.000
7	90.000000	137.00000	52.792501	15.970728	84.207499	1.44	1.000
8	909.00000	142.00000	92.669226	9.2023292	49.330776	.82	1.000
9	585.00000	65.000000	76.893817	11.138687	-11.893817	-.20	1.000
10	1389.0000	107.00000	116.04020	9.6822363	-9.0401970	-.15	1.000
11	1391.0000	129.00000	116.13758	9.6928767	12.862424	.21	1.000
12	659.00000	59.000000	80.496842	10.575574	-21.496842	-.36	1.000
13	840.00000	68.000000	89.309647	9.4866930	-21.309647	-.35	1.000
14	625.00000	37.000000	78.841398	10.826970	-41.841398	-.70	1.000
15	501.00000	47.000000	72.803897	11.843511	-25.803897	-.43	1.000
16	809.00000	53.000000	87.556824	9.6659417	-34.556824	-.58	1.000
17	1144.0000	156.00000	104.11126	8.8917012	51.888737	.86	1.000
18	712.00000	89.000000	83.077388	10.210826	5.9226127	.10	1.000
19	356.00000	37.000000	65.743916	13.192070	-28.743916	-.48	1.000
20	727.00000	117.00000	83.807731	10.114018	33.192270	.55	1.000
21	476.00000	28.000000	71.586658	12.065062	-43.586659	-.73	1.000
22	1055.0000	50.000000	99.977895	8.8837550	-49.777895	-.83	1.000
23	1738.0000	141.00000	133.03284	12.293134	7.9671578	.13	1.000
24	293.00000	38.000000	62.676476	13.819889	-24.676476	-.42	1.000
25	2153.0000	142.00000	153.23899	16.556827	-11.238996	-.19	1.000
26	322.00000	40.000000	64.088471	13.528136	-24.088472	-.41	1.000
27	549.00000	87.000000	75.871338	11.308795	11.128663	.19	1.000
28	2513.0000	101.00000	170.76723	20.734221	-69.767225	-.22	1.000
29	911.00000	106.00000	92.766603	9.1953044	13.233397	.22	1.000
30	1327.0000	116.00000	113.02145	9.3833859	2.9785536	.05	1.000
31	313.00000	30.000000	63.650266	13.610188	-33.650266	-.57	1.000
32	1465.0000	84.000000	119.74060	10.127298	-35.740601	-.60	1.000
33	622.00000	51.000000	78.695330	10.849766	-27.695330	-.46	1.000
34	320.00000	22.000000	63.891093	13.548109	-41.991093	-.71	1.000
35	1167.0000	153.00000	105.23112	8.9190156	47.768878	.79	1.000
36	1523.0000	114.00000	122.56459	10.518944	-8.5645937	-.14	1.000
37	757.00000	31.000000	85.268415	9.2944492	-54.268416	-.90	1.000
38	660.00000	39.000000	80.545531	10.568379	-41.545532	-.69	1.000
39	1201.0000	47.000000	106.88657	8.9781147	-59.886566	-1.00	1.000
40	247.00000	12.000000	60.936757	14.291492	-48.936757	-.82	1.000
41	2206.0000	123.00000	155.61954	17.154500	-32.619541	-.56	1.000
42	1353.0000	61.000000	114.28737	9.5012532	-53.287374	-.89	1.000
43	1876.0000	97.000000	139.75200	13.609014	-42.751997	-.72	1.000
44	1556.0000	65.000000	124.17135	10.759806	-59.171348	-.99	1.000
45	996.00000	45.000000	96.905212	8.9639736	-51.905213	-.86	1.000
46	3402.0000	227.00000	214.05221	31.755267	-12.947787	-.25	1.000
47	1791.0000	103.00000	135.61339	12.777835	-32.613387	-.55	1.000

(II-4)-34

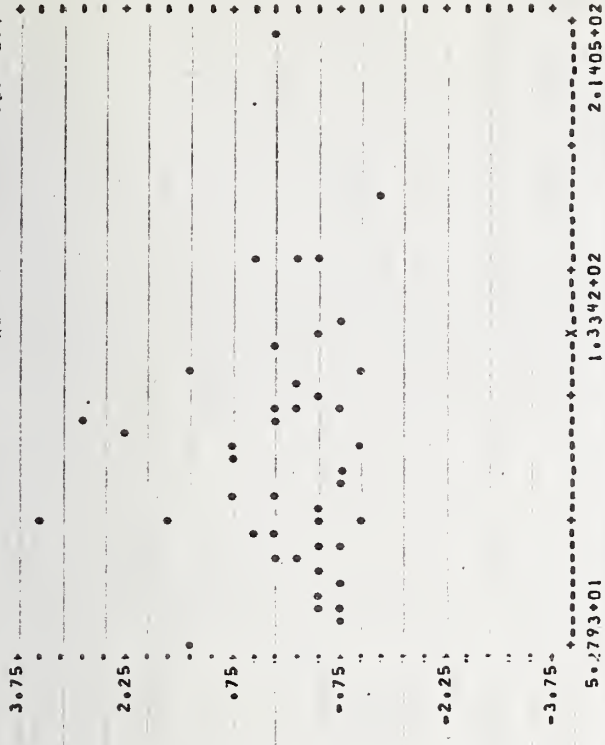
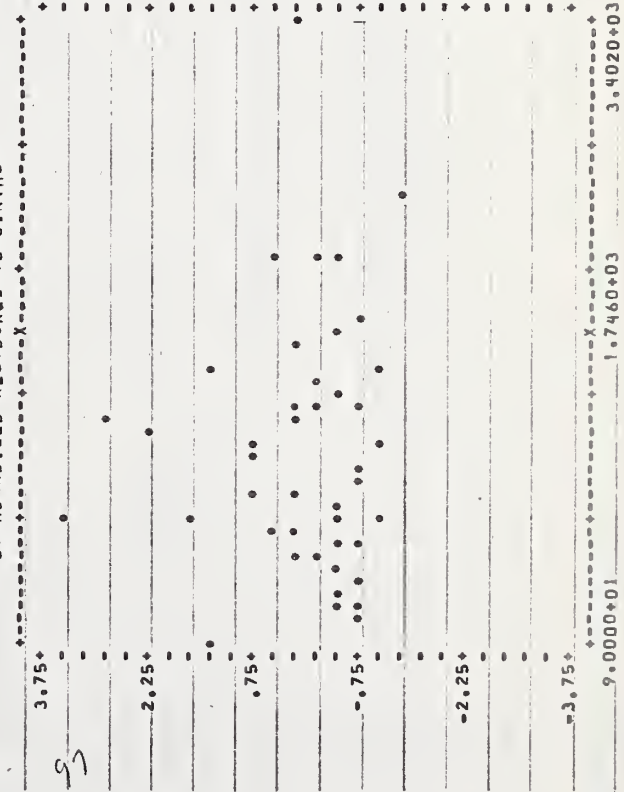
96

STANDARDIZED RESIDUALS VS ROW NUMBER

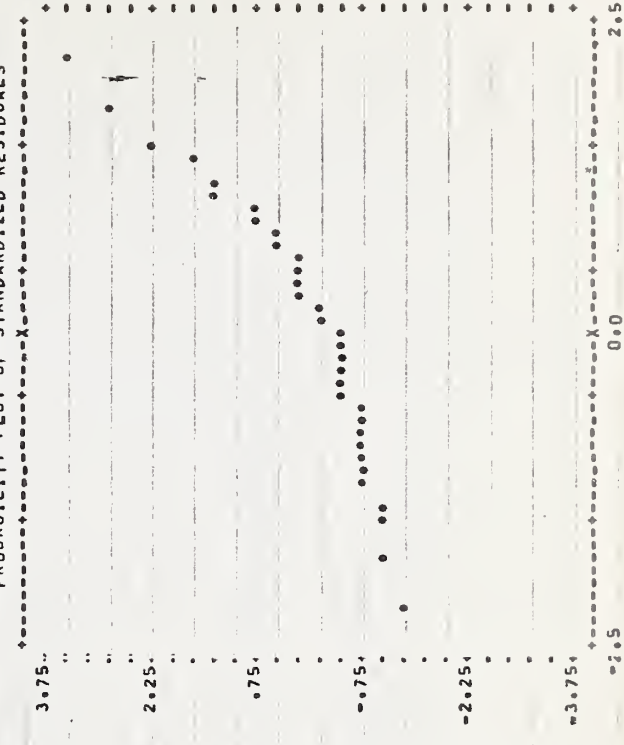
STANDARDIZED RESIDUALS VS PREDICTED VALUES



PROBABILITY PLOT OF STANDARDIZED RESIDUALS



PROBABILITY PLOT OF STANDARDIZED RESIDUALS



12
11
10
9
8
7
6
5
4
3
2

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 14
 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	14
64	2.8807838+02	
14	-.19127335	1.7448565-04

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
(II-4) 64	486339.59	486339.59	1	4706.2913	46	131.579	.000	72.575	.000
14	50161.141	268250.37	2	3656.1835	45	13.571	.001	13.571	.001
RESIDUAL		166328.26	45						
TOTAL		702829.00	47						

28

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 14
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ESTIMATES FROM LEAST SQUARES FIT

COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	*ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	48.410446	16.972872	2.85	6.59	101.72341	10.006691	10.17
14	.048689527	.013216870	3.68	7.72			

RESIDUAL STANDARD DEVIATION = 60.796246
 BASED ON DEGREES OF FREEDOM = 47 - 2 = 45

69.602414
 47 - 1 = 46

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS

.23170242

99

ABS- COLUMN 68, OR0- COLUMN 70 (.),

3,0000+02+

D
B
S
E
R
V
E
D

2,4240+02+

V
A
L
U
E
S

1,8480+02+

(
A
N
C

(II-4)-38

1,2720+02+

R
N
)

100

6,9600+01+

1,2000+01+

5,2793+01

8,5044+01

1,1730+02

1,4955+02

1,8180+02

2,1405+02

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)

Computer Output for ANNEX II-3, Sec. 1.1.2 (4)

(II-4)-39

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 13
 USING 47 NON-ZERO WEIGHTS = 1.0000000

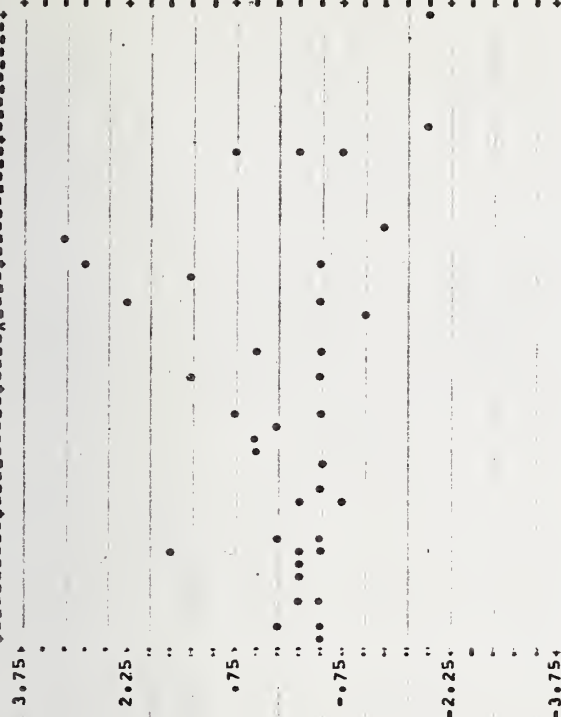
ROW	ADMISSIONS IN COLUMN 13	DATA IN COLUMN 70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	15677.000	300.000000	162.05539	9.7922580	137.94461	3.21	1.000
2	15014.000	275.000000	155.93542	9.2394770	119.06458	2.77	1.000
3	19090.000	181.000000	193.55984	12.955087	-12.559835	-3.0	1.000
4	13603.000	240.000000	142.92011	8.1659614	97.079892	2.24	1.000
5	14745.000	208.000000	153.45236	9.0233073	54.547641	1.27	1.000
6	11142.000	181.000000	120.19408	6.8104069	60.805925	1.40	1.000
7	4725.00000	137.000000	60.960546	8.1362336	76.039454	1.76	1.000
8	9804.0000	142.000000	107.84337	6.4671224	34.156628	.78	1.000
9	6394.0000	65.000000	76.366616	7.1351901	-11.366617	-2.26	1.000
10	9004.0000	107.000000	100.45980	6.4253855	6.5412044	.15	1.000
11	14823.000	129.000000	154.17235	9.0854696	-25.172355	-5.8	1.000
12	4742.0000	59.000000	61.117467	8.1244491	-2.1174677	-.05	1.000
13	4925.0000	68.000000	42.806690	7.9994179	5.1933106	.12	1.000
14	2878.0000	37.000000	43.911406	9.5611937	-6.9114057	-1.6	1.000
15	3768.0000	47.000000	52.126746	8.8418097	-5.1267465	-1.2	1.000
16	4950.0000	53.000000	62.114385	8.0502517	-9.1143852	-2.1	1.000
17	18927.000	156.000000	192.05523	12.795344	-36.055228	-8.6	1.000
18	9614.0000	89.000000	106.00953	6.4457481	-17.089535	-3.9	1.000
19	2694.0000	37.000000	42.212953	9.7165197	-5.2129533	-1.2	1.000
20	19722.000	117.000000	199.39365	13.580348	-82.393651	-1.97	1.000
21	3043.0000	28.000000	45.434474	9.4240216	-17.434474	-.41	1.000
22	5130.0000	50.000000	64.698986	7.8634631	-14.698987	-.34	1.000
23	11761.000	141.000000	125.90789	7.0738490	15.092110	.35	1.000
24	3805.0000	38.000000	42.314491	9.7071902	-4.3144912	-.10	1.000
25	11680.000	142.000000	125.16020	7.0359777	16.839798	.39	1.000
26	2110.0000	40.000000	36.82213	10.221345	3.177874	.07	1.000
27	13038.000	87.000000	137.69552	7.7898174	-50.695520	-1.17	1.000
28	11627.000	101.000000	124.67097	7.0117346	-23.670974	-.54	1.000
29	16206.000	106.000000	166.93844	10.251280	-60.938440	-1.42	1.000
30	8097.0000	116.000000	92.086534	6.5311040	23.913467	.55	1.000
31	2699.0000	30.000000	42.259107	9.7122781	-12.259107	-.29	1.000
32	9823.0000	84.000000	108.01875	6.4696483	-24.018755	-.55	1.000
33	4017.0000	51.000000	54.425196	8.6507396	-3.4251958	-.08	1.000
34	2055.0000	22.000000	36.314523	10.269798	-14.314523	-.33	1.000
35	23492.000	153.000000	236.03961	17.663821	-83.039610	-2.06	1.000
36	8838.0000	114.000000	98.926497	6.4326493	15.073504	.35	1.000
37	3225.0000	31.000000	45.268321	9.4389255	-14.268321	-.33	1.000
38	2865.0000	39.000000	43.791406	9.5722877	-4.7914065	-.11	1.000
39	6336.0000	47.000000	75.831235	7.1639872	-28.831235	-.66	1.000
40	1332.0000	123.000000	29.640712	10.919687	-17.640712	-.41	1.000
41	13689.000	123.000000	143.70472	8.2286913	-20.704719	-.48	1.000
42	6077.0000	61.000000	80.825054	6.9149110	-19.825054	-.46	1.000
43	7039.0000	97.000000	117.39717	6.7043596	-20.397166	-.47	1.000
44	1813.0000	65.000000	88.541936	6.6233796	-23.541936	-.54	1.000
45	4693.0000	45.000000	60.665162	8.1584930	-15.665162	-.36	1.000
46	18791.000	227.000000	190.79985	12.662573	36.200148	.86	1.000
47	10804.000	103.000000	117.07409	6.6931318	-14.074091	-.32	1.000

(II-4)-40

102

STANDARDIZED RESIDUALS VS ROW NUMBER

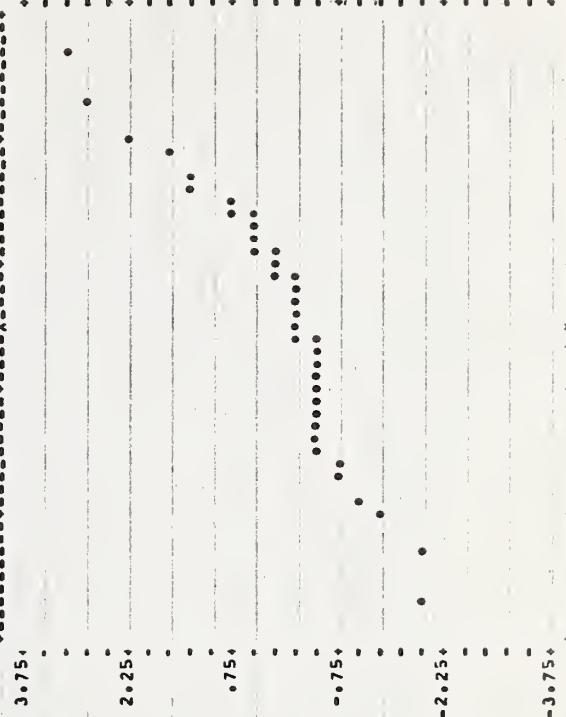
STANDARDIZED RESIDUALS VS PREDICTED VALUES



1.0
24.0000
1.3284+02
2.3604+02

STANDARDIZED RESIDUALS VS ADMISSIONS

PROBABILITY PLOT OF STANDARDIZED RESIDUALS



1.3320+03
1.2512+04
2.3692+04

(II-4)-41

163

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 13
 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	13
64	1.4811012+02	
13	-0.011688934	1.2777369+06

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=REQ. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	O.F.	F(COEF=0)	PIF	F(COEF=0)	P(F)
64	486339.59	486339.59	1	47(6.2913	46	250.782	.000	158.707	.000
13	129221.16	307780.98	2	1939.2942	45	66.633	.000	66.633	.000
RESIDUAL	87268.238		45						
TOTAL	702829.00		47						

(II-4)-42

104

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 13
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ESTIMATES FROM LEAST SQUARES FIT

COLUMN	COEFFICIENT	S.O. OF COEFF.	RATIO	*ACC. DIGITS	COEFFICIENT	S.O. OF COEFF.	RATIO
64	17.345394	12.170050	1.43	6.06	101.72341	10.006691	10.17
13	.0092307199	.0011308125	8.16	7.60			
RESIDUAL STANDARD DEVIATION =		44.037418				68.602414	
BASED ON DEGREES OF FREEDOM		47 - 2 = 45				47 - 1 = 46	

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS
 .59689365

105

4
1
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0
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4

ABS= COLUMN 68, ORD= COLUMN 70 (.),

3.0000+02+

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1.2720+02+

6.9600+01+

1.2000+01+

2.9641+01

7.0920+01

1.1220+02

1.5348+02

1.9476+02

2.3609+02

(II-4)-44

106

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)

Computer Output for PART I, Sec. 4.4 (4)

(II-4)-45

167

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 16
 USING 47 NON-ZERO WEIGHTS = 1.00000000

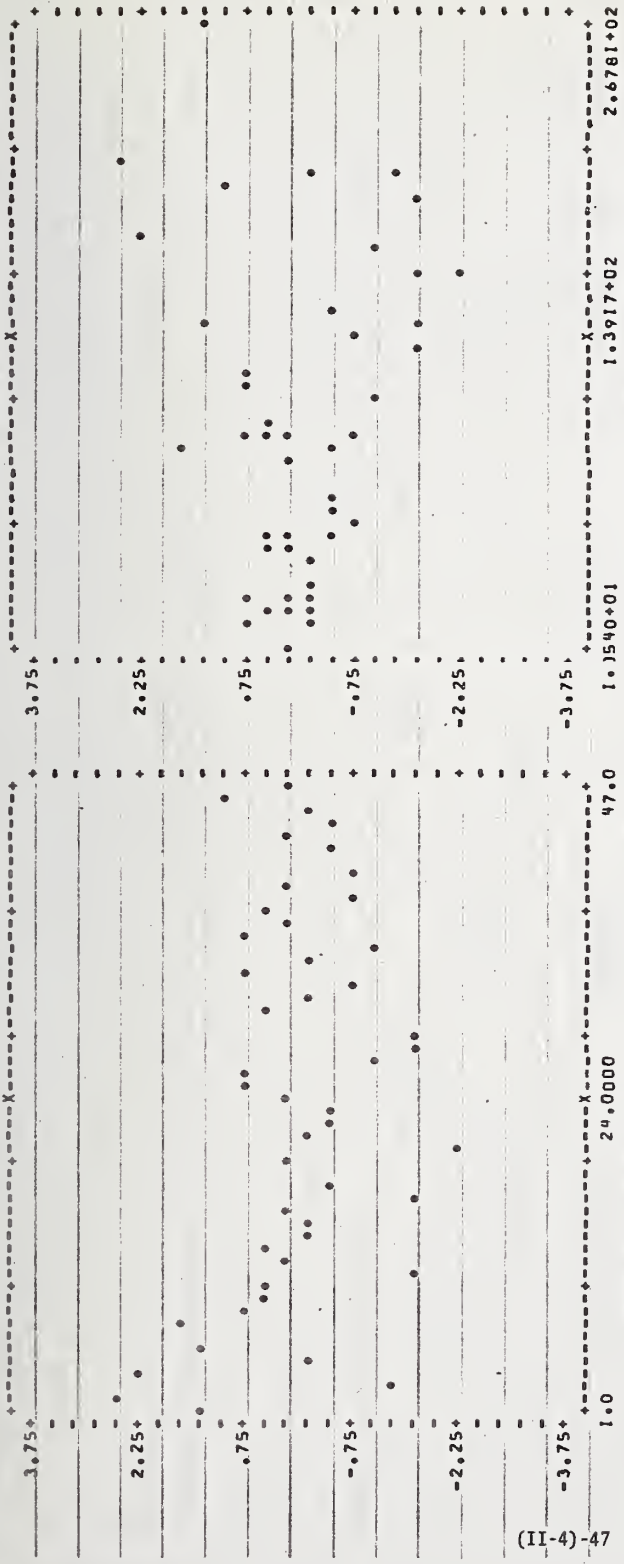
ROW	M	C	C	U	IN COLUMN 16	DATA IN COLUMN 70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	831186.00				100.00000	267.80856	9.5765592	32.19147	1.50	1.000	
2	666106.00				275.00000	214.66011	6.9822753	60.339886	2.68	1.000	
3	646359.00				181.00000	208.30213	6.6864923	-27.302135	-1.21	1.000	
4	574680.00				240.00000	185.22500	5.6570608	54.775001	2.40	1.000	
5	649186.00				208.00000	208.89067	6.7136866	-89.067033	-0.4	1.000	
6	454300.00				181.00000	146.46798	4.1957081	34.532022	1.49	1.000	
7	297922.00				137.00000	96.121199	3.4489513	40.878802	1.75	1.000	
8	395893.00				142.00000	127.66352	3.7085814	14.336485	.62	1.000	
9	162790.00				65.00000	52.614688	4.3347969	12.385312	.53	1.000	
10	306600.00				107.00000	98.915130	3.4390690	8.0848707	.35	1.000	
11	521585.00				129.00000	168.13076	4.9577270	-39.130764	-1.70	1.000	
12	178485.00				59.00000	57.66781	4.1745351	1.332187	.06	1.000	
13	186515.00				68.00000	60.253086	4.0971003	7.7469146	.33	1.000	
14	122631.00				37.00000	39.685271	4.7909656	-2.6652715	-0.12	1.000	
15	154088.00				47.00000	49.813029	4.4283541	-2.8130293	-0.12	1.000	
16	160968.00				53.00000	52.028084	4.3541198	.97191583	.04	1.000	
17	609048.00				156.00000	196.28997	6.1408433	-40.289970	-1.77	1.000	
18	298471.00				89.00000	96.297952	3.4481327	-7.2979518	-0.31	1.000	
19	93440.00				37.00000	30.287064	5.1562737	6.7129362	.29	1.000	
20	516690.00				117.00000	166.55479	4.8969292	-49.554790	-2.15	1.000	
21	95257.00				28.00000	30.872057	5.1328390	-2.8720573	-0.12	1.000	
22	188124.00				50.00000	60.771111	4.0819781	-10.771112	-0.6	1.000	
23	472312.00				141.00000	152.26704	4.3823153	-11.267043	-0.49	1.000	
24	97208.00				38.00000	31.500193	5.1077724	6.4998070	.28	1.000	
25	382418.00				142.00000	123.32516	3.6271340	18.674838	.80	1.000	
26	77663.00				40.00000	25.207570	5.33632236	14.792430	.64	1.000	
27	356023.00				87.00000	114.82714	3.5073856	-27.827143	-1.19	1.000	
28	422497.00				101.00000	136.22882	3.9705537	-35.228822	-1.52	1.000	
29	450546.00				106.00000	145.25936	4.1587119	-39.259356	-1.69	1.000	
30	326083.00				116.00000	105.18779	3.4406018	10.812209	.46	1.000	
31	107611.00				30.00000	34.849497	4.9758604	-4.8494968	-0.21	1.000	
32	313051.00				84.00000	100.99206	3.4359714	-16.992065	-0.73	1.000	
33	107817.00				51.00000	34.915821	4.9732789	16.084179	.70	1.000	
34	73642.00				22.00000	23.912986	5.4169101	-1.9129859	-0.08	1.000	
35	550026.00				153.00000	177.28750	5.3239915	-24.287504	-1.06	1.000	
36	306579.00				114.00000	98.908369	3.4390849	15.091632	.65	1.000	
37	90030.00				31.00000	29.189195	5.2004835	1.8108049	.08	1.000	
38	90494.00				39.00000	29.338583	5.1944504	9.6614177	.42	1.000	
39	199619.00				47.00000	64.471669	3.9779662	-17.471670	-0.75	1.000	
40	32104.00				12.00000	10.539592	5.9908062	1.4604083	.06	1.000	
41	432203.00				123.00000	139.35372	3.9882750	-16.353724	-0.70	1.000	
42	233065.00				61.00000	37.889462	3.7894692	-11.020564	-0.47	1.000	
43	286286.00				97.00000	92.374923	3.4723930	4.6250778	.20	1.000	
44	232003.00				65.00000	74.898204	3.7267764	-9.8982038	-0.43	1.000	
45	146068.00				45.00000	47.517321	4.8517321	-2.2309451	-0.10	1.000	
46	627690.00				227.00000	202.29187	6.4111336	24.708133	1.09	1.000	
47	307800.00				103.00000	99.301476	3.4382178	3.6985240	.16	1.000	

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108

STANDARDIZED RESIDUALS VS ROW NUMBER

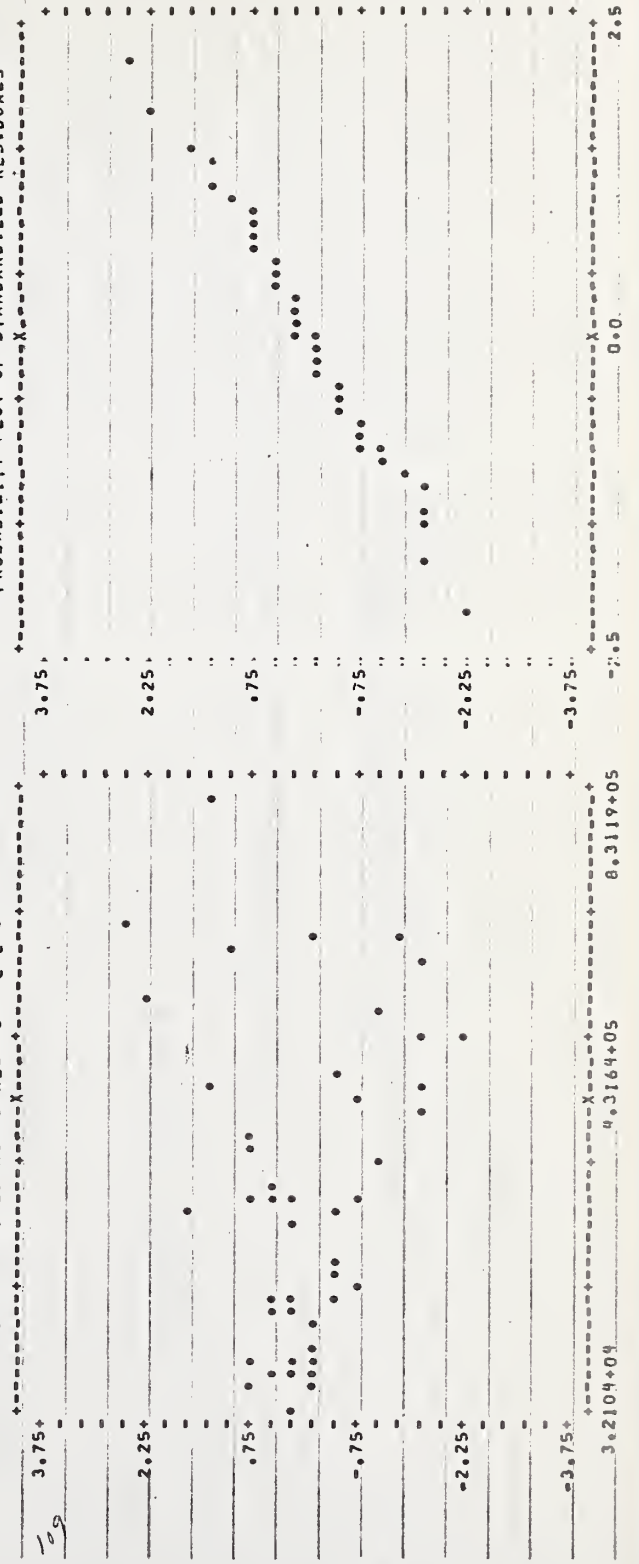
STANDARDIZED RESIDUALS VS PREDICTED VALUES



(II-4)-47

STANDARDIZED RESIDUALS VS M C U

PROBABILITY PLOT OF STANDARDIZED RESIDUALS



3.2104+04

4.3164+05

8.3119+05

0.0

2.5

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 16
 USING 47 NON-ZERO WEIGHTS = 1.0000000

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	16
64	41.659599	
16	-9.468168-05	3.0076909-10

ANALYSIS OF VARIANCE
 -DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	486339.59	486339.59	1	47(6.2913	46	876.596	.000	610.902	.000
16	191523.20	338931.39	2	554.80444	45	345.208	.000	345.208	.000
RESIDUAL		24966.200	45						
TOTAL	702829.00		47						

(II-4)-48

110

LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 2 PREDICTOR VARIABLES IN COLUMNS 64, 16
 USING 47 NON-ZERO WEIGHTS = 1.0000000

ESTIMATES FROM LEAST SQUARES FIT

COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	.20352936	4.4544248	.03	3.99	101.72341	10.006691	10.17
16	.00032195565	.000017328274	18.58	7.65			

RESIDUAL STANDARD DEVIATION = 23.554287
 BASED ON DEGREES OF FREEDOM 47 - 2 = 45

68.602414
 47 - 1 = 46

* THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS
 .88467702

ABS= COLUMN 68 ,ORD= COLUMN 70 (.),

3.0000*02+

O
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2.4240*02+

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1.8480*02+

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(II-4)-50

1.2720*02+

R
N

6.9600*01+

1.2000*01+

1.0540*01

6.1993*01

1.1345*02

1.6490*02

2.1635*02

2.6781*02

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)

Computer Output for PART I, Sec. 4.4 (6)

(II-4)-51

113

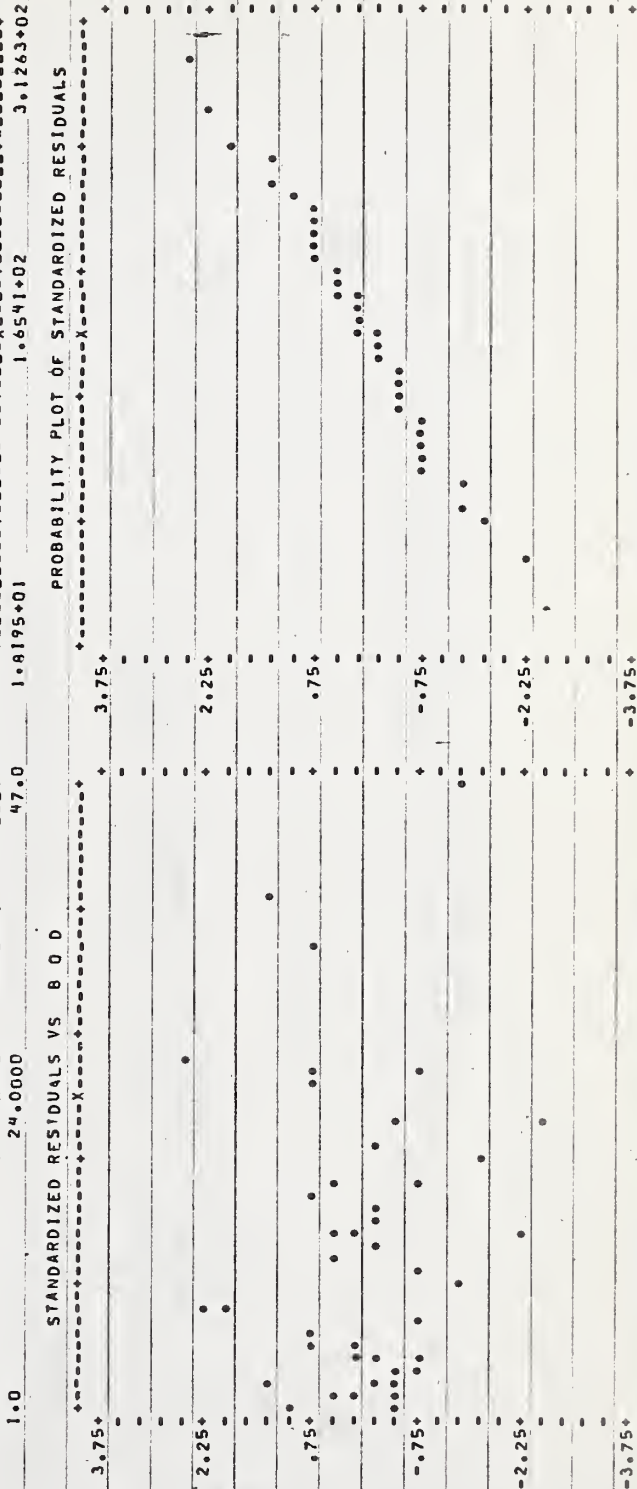
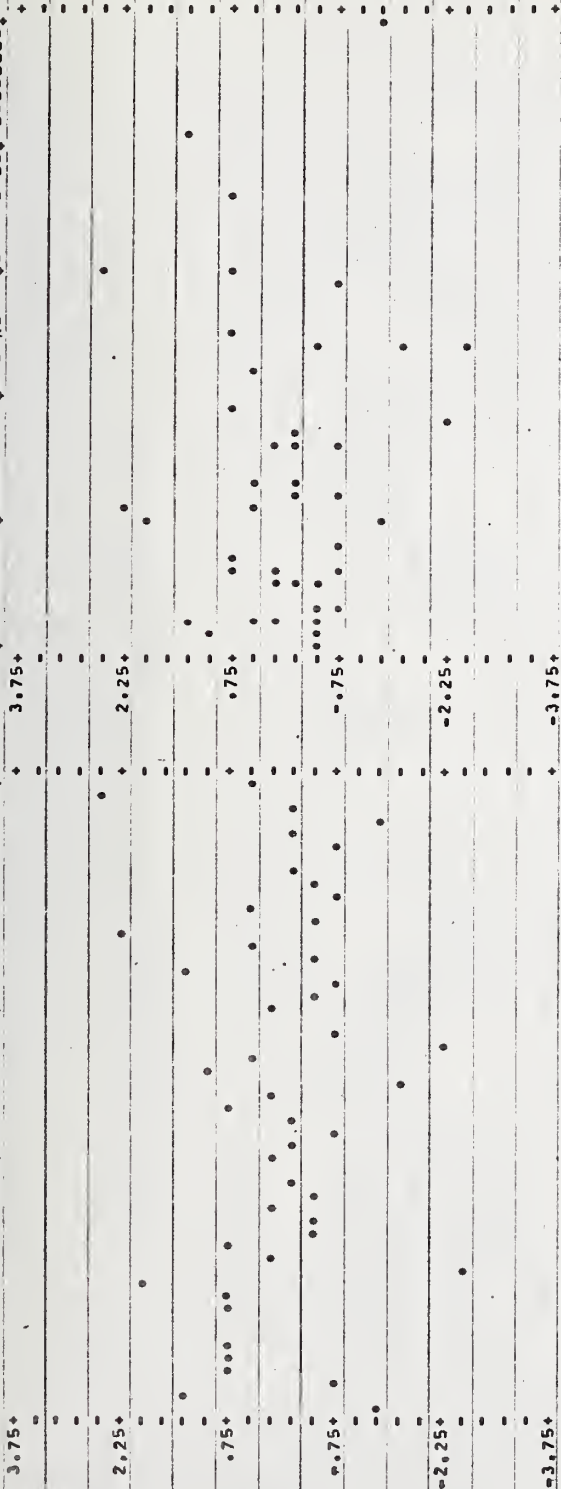
LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 5 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 13, 14
 USING 46 NON-ZERO WEIGHTS AND 1 ZERO WEIGHTS IN COLUMN 71

ROW	COL. 17	COL. 15	COL. 13	DATA COL. 70	PREDICTED VALUES	STD. DEV. OF PRED. VALUES	RESIDUALS	STD. RES.	WEIGHTS
1	310400	1004000	15680	300.00000	312.62860	8.4619602	-12.628601	-1.29	1.000
2	258100	816100	15010	275.00000	260.83927	5.9382499	14.160731	1.23	1.000
3	176200	858600	19090	181.00000	191.03449	4.0726375	-10.034496	-.82	1.000
4	235900	634700	13600	240.00000	231.92309	5.8074256	8.0769145	.70	1.000
5	176500	916600	14750	208.00000	200.17230	4.6950220	7.8276970	.65	1.000
6	165900	562300	11140	181.00000	170.39158	3.7932766	10.608416	.86	1.000
7	174700	250100	4775	137.00000	166.670730	7.45312571	-29.207303	.00	0.
8	115100	579000	9804	142.00000	133.19580	2.8501625	8.8041955	.70	1.000
9	470700	233200	6394	65.000000	56.672660	2.7261475	8.3273407	.66	1.000
10	54990	498200	9004	107.00000	82.868662	3.1417525	24.131339	1.93	1.000
11	148800	710300	14820	129.00000	161.14827	2.7541812	-32.148269	-2.55	1.000
12	38650	287800	4742	59.000000	58.818842	2.6356034	.18115815	.01	1.000
13	36790	308600	4925	68.000000	59.888267	2.6688455	8.1117336	.64	1.000
14	16530	236900	2878	37.000000	41.209095	3.72116442	-4.2090953	-.34	1.000
15	29060	274500	3768	47.000000	51.014073	3.0943034	-4.0140730	-.32	1.000
16	31310	243700	4850	53.000000	50.342003	2.4600581	2.4600581	.21	1.000
17	151500	856100	18430	156.00000	161.128208	4.6489639	-5.2820801	-.44	1.000
18	86580	362100	9614	89.000000	91.827920	2.8251538	-2.8279203	-.22	1.000
19	16450	155500	2494	37.000000	33.243106	3.1223937	3.7568939	.30	1.000
20	136600	519500	19720	117.00000	117.90526	7.9708953	-.90525710	-.09	1.000
21	25220	116200	3043	28.000000	37.850058	3.0580218	-9.8500586	-.79	1.000
22	23770	338900	5130	50.000000	52.454282	3.2198898	-2.4542819	-.20	1.000
23	111400	594600	11760	141.00000	133.22730	2.7720582	7.7727005	.62	1.000
24	17590	165500	2795	38.000000	34.349520	3.2160007	3.6504805	.29	1.000
25	129100	733700	11680	142.00000	162.37834	4.8141047	-20.378340	-1.70	1.000
26	9516	146100	2110	40.000000	27.997318	3.2843419	12.002682	.96	1.000
27	79570	470100	13040	87.000000	83.053113	4.3516677	3.9468875	.32	1.000
28	94120	623200	11630	101.00000	127.95724	5.1977152	-26.957237	-2.28	1.000
29	117200	540700	16210	106.00000	114.38398	4.8789719	4.8789815	.70	1.000
30	92740	463700	8097	116.00000	114.23333	2.5409977	1.7666755	.14	1.000
31	15490	206700	2699	30.000000	35.815602	3.3452544	-5.8156024	-.47	1.000
32	77060	410400	9823	84.000000	93.458340	2.3577392	-9.4583397	-.74	1.000
33	20380	136800	4017	51.000000	33.882512	2.8644029	17.117488	1.36	1.000
34	12460	124800	2055	22.000000	29.051248	3.2598923	-7.0512480	-.56	1.000
35	120500	1206000	23690	153.00000	147.84732	9.3376853	5.1524781	.58	1.000
36	55870	490400	8838	114.00000	84.689174	3.2618244	29.310827	2.34	1.000
37	22910	97710	3025	31.000000	37.081516	3.0546768	-6.0815164	-.48	1.000
38	17180	126900	2865	39.000000	33.978000	2.9702006	5.0220006	.40	1.000
39	35960	294300	6336	47.000000	57.424823	2.5411752	-10.424823	-.82	1.000
40	5895	34730	1332	12.000000	18.195347	3.6077765	-6.1953471	-.50	1.000
41	104200	583500	13690	123.00000	123.61803	3.9083423	-.61802942	-.05	1.000
42	48840	306400	6877	61.000000	69.075284	2.5641718	-8.0752844	-.64	1.000
43	100360	196200	10840	97.000000	98.128315	6.0371396	-1.1283152	-.10	1.000
44	69900	231900	7713	65.000000	80.873581	3.5988607	-15.873582	-1.28	1.000
45	31160	193600	4693	45.000000	48.605524	2.6178469	-3.6055245	-.28	1.000
46	182000	745600	18790	227.00000	199.42817	7.1046942	27.571827	2.55	1.000
47	92760	277000	10800	103.00000	98.549405	4.3665626	4.3665626	.37	1.000

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114

1611



(II-4)-53



LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 5 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 13, 14
 USING 46 NON-ZERO WEIGHTS AND 1 ZERO WEIGHTS IN COLUMN 71

VARIANCE-COVARIANCE MATRIX OF THE ESTIMATED COEFFICIENTS

COLUMN	64	17	15	13	14
64	16.892884				
17	2.9690826-05	2.5248730-09			
15	-1.2962364-05	-3.6092511-10	2.9353259-10		
13	-3.5670834-04	-9.9090220-09	-8.9621897-09	6.5073930-07	
14	-0.0061759449	1.1067286-09	-4.1687889-10	-8.2870975-07	1.2460957-05

ANALYSIS OF VARIANCE

-DEPENDENT ON ORDER VARIABLES ARE ENTERED, UNLESS VECTORS ARE ORTHOGONAL-

COLUMN	SS=RED. DUE TO COEF.	CUM. MS REDUCTION	D.F.	CUM. RESIDUAL MS	D.F.	F(COEF=0)	P(F)	F(COEF=0)	P(F)
64	468842.09	468842.09	1	4782.6702	45	2808.355	.000	811.301	.000
17	204176.31	336509.20	2	250.91545	44	1223.012	.000	312.038	.000
15	1797.8754	224938.75	3	214.97033	43	10.769	.002	8.380	.000
13	1337.0427	169038.33	4	188.2432	42	8.009	.007	7.185	.002
14	1061.9173	135443.04	5	166.91547	41	6.361	.016	6.361	.016
RESIDUAL	6844.7643		41						
TOTAL	684060.00		46						

(II-4)-54

116

12
11
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LEAST SQUARES FIT FOR DATA IN COLUMN 70
 AS A LINEAR FUNCTION OF 5 PREDICTOR VARIABLES IN COLUMNS 64, 17, 15, 13, 14
 USING 46 NON-ZERO WEIGHTS AND 1 ZERO WEIGHTS IN COLUMN 71

ESTIMATES FROM LEAST SQUARES FIT FIT OMITTING LAST COLUMN

COLUMN	COEFFICIENT	S.D. OF COEFF.	RATIO	ACC. DIGITS	COEFFICIENT	S.D. OF COEFF.	RATIO
64	12.138220	.1100953	2.95	5.94	16.550732	3.9493598	4.19
17	.00084643821	.000050268012	16.84	7.37	.00084564820	.000053378754	15.84
15	.000073894998	.000017132793	4.31	7.31	.000074192844	.000018192944	4.08
13	-.0027761848	.00080668415	-3.44	7.13	-.0021840988	.00081954370	-2.67
14	.0089029458	.0035300081	2.52	8.00			
RESIDUAL STANDARD DEVIATION =		12.920738				13.720580	
BASED ON DEGREES OF FREEDOM		46 - 5 = 41				46 - 4 = 42	

• THE NUMBER OF CORRECTLY COMPUTED DIGITS IN EACH COEFFICIENT USUALLY DIFFERS BY LESS THAN 1 FROM THE NUMBER GIVEN HERE

THE MULTIPLE CORRELATION COEFFICIENT FOR THIS REGRESSION IS

.96819612

12
11
10
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7
6

ABS- COLUMN 68 ,ORO- COLUMN 70 (.,)

3.0000*02+

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B

S

E

R

V

E

D

2.4240*02+

V

A

L

J

U

E

S

O

F

1.8480*02+

I

A

N

C

U

+

R

N

J

1.2720*02+

I

R

N

J

+

R

N

J

6.9600*01+

I

R

N

J

+

R

N

J

1.2000*01+

I

R

N

J

+

1.8195*01

I

R

N

J

7.7082*01

I

R

N

J

1.3597*02

I

R

N

J

.9486*02

I

R

N

J

2.5374*02

I

R

N

J

3.1263*02

I

R

N

J

(II-4)-56

118

FITTED VALUES OF NUMBER OF PROFESSIONAL NURSES (ANC + RN)

CORRELATION ANALYSIS FOR 50 VARIABLES WITH 47 OBSERVATIONS

(II-4)-57

119

SIMPLE CORRELATION COEFFICIENTS

COLUMN	67	1	2	3	4	5	6	7	8	9
67	1.0000									
1	.0000	1.0000								
2	.0270	.9127	1.0000							
3	-.0463	.9214	.9657	1.0000						
4	.2552	.4624	.4102	.4475	1.0000					
5	.1526	.4974	.4405	.5030	.7649	1.0000				
6	.1497	.3264	.3185	.3451	.6244	.7575	1.0000			
7	.1420	.3074	.2933	.3281	.6083	.7245	.9418	1.0000		
8	.0172	.5467	.5305	.5229	.3602	.5578	.7207	.7575	1.0000	
9	-.1578	.7660	.8350	.8476	.3513	.4104	.7466	.7443	.4768	1.0000
10	.1579	.3374	.4345	.4073	.3188	.4136	.4473	.4832	.3548	.6504
11	-.0992	.8230	.8678	.8709	.3755	.4277	.2469	.2589	.4921	.6488
12	.1242	.3809	.4320	.3976	.3557	.4278	.1812	.4054	.3008	.4708
13	.0164	.8244	.7504	.7628	.5535	.5664	.4935	.5411	.7080	.4767
14	.0558	.4292	.3733	.4093	.5149	.5209	.5032	.4852	.3945	.4039
15	-.0150	.7843	.7714	.7895	.4235	.5110	.4415	.4783	.6107	.7155
16	-.0409	.9230	.8958	.9275	.4835	.5574	.4511	.4481	.6248	.8010
17	-.0398	.9220	.9856	.9988	.4397	.4917	.3421	.3250	.5214	.8444
18	-.1548	.4550	.5218	.4964	.3756	.5087	.4430	.4059	.4577	.3619
19	-.0506	.2304	.3280	.2838	.1631	.2684	.2512	.2154	.2240	.1617
20	.2111	.4780	.6300	.6153	.1243	.1008	-.0308	.0820	.0011	.4240
21	.0174	.2262	.2253	.2104	.1908	.1958	.2798	.2832	.2009	.1297
22	.3389	.3810	.4199	.4447	.2399	.1911	.3041	.2383	.2245	.2331
23	.1158	.0789	.0794	.0700	.2123	.0193	.2512	.2275	.0535	.0251
24	.8102	.3634	.3900	.3236	.4488	.3023	.3055	.2985	.0535	.1465
25	.3981	.5102	.4855	.4811	.4511	.4878	.5414	.4375	.3975	.3047
26	.1551	.6550	.6352	.6707	.5029	.6142	.4277	.4413	.5175	.4351
27	-.0640	.6192	.6071	.6422	.3314	.4383	.1775	.1284	.2555	.4081
28	.0508	.0390	.1119	.1198	.0240	.0887	-.0161	.0090	-.0324	.0858
29	.0069	.6145	.5955	.6163	.2895	.3095	.1052	.0914	.2032	.4221
30	.1783	.8103	.8417	.9019	.3787	.4743	.2547	.2235	.3915	.4229
31	-.0877	.8251	.8911	.8323	.4831	.5735	.4123	.3890	.5324	.8182
32	-.0803	.8872	.8822	.8296	.4044	.4620	.3632	.3301	.6028	.8123
33	-.0377	.7930	.8105	.8591	.5213	.4699	.2999	.2888	.3908	.7991
34	.1521	.7747	.8015	.8469	.3008	.2447	.2447	.2179	.2728	.7278
35	-.0939	.8623	.9162	.9375	.4855	.5387	.1756	.3495	.5199	.8182
37	-.0311	.0060	-.0103	.0476	.0234	.2371	.3577	.3581	.2185	.0051
40	.0442	-.3015	-.3322	-.3003	-.0628	-.1754	-.1068	-.0901	-.1827	-.2542
41	.0555	.2029	.2560	.2493	.0966	.2545	.2355	.2041	.2841	.2085
42	-.0519	.2914	.2774	.2799	.0179	.1881	.1254	.0842	.2300	.2430
43	-.0024	.0884	.0838	.0591	-.1013	.0314	-.1085	-.0514	-.0415	-.0105
44	.0294	-.1381	-.1779	-.1045	-.0725	-.2280	-.0919	-.0857	-.0559	-.1438
49	.0000	.1090	.3826	.3833	.0804	.1208	.1460	.1486	.0919	.2485
50	.0526	.1207	.3923	.3986	.0951	.1325	.1418	.1375	.0938	.2435
51	-.0234	-.1080	-.1322	-.0848	-.0805	-.0279	-.0279	-.0077	-.0247	-.0770
55	-.0515	-.2983	-.3342	-.3015	-.1659	-.1704	-.1702	-.1734	-.2015	-.2714
56	.0792	-.0637	-.0004	.0631	-.1277	-.0640	.1135	.0792	-.0180	-.0244
57	.0656	-.1240	-.0070	.0670	-.1621	-.0994	.0658	.0375	-.1541	-.0775
58	.0000	-.6659	-.7126	-.7070	-.3382	-.3533	-.3490	-.3326	-.4828	-.5004
60	-.1035	.1502	.0701	.1370	-.0959	.0843	-.1436	-.1409	-.0545	.1490

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OMITAD

SIMPLE CORRELATION COEFFICIENTS

COLUMN	10	11	12	13	14	15	16	17	18	19
10	1.0000									
11	.5299	1.0000								
12	.7321	.5323	1.0000							
13	.4430	.7227	.4523	1.0000						
14	.4423	.4476	.5111	.5855	1.0000					
15	.4674	.7696	.4757	.8954	.5251	1.0000				
16	.4538	.8469	.4675	.9135	.5495	.9246	1.0000			
17	.4109	.8777	.4059	.7681	.4062	.7973	.9327	1.0000		
18	.1870	.3897	.3135	.2796	.2978	.2769	.1967	.4932	1.0000	
19	.0298	.1630	.1297	.0055	.0356	.0196	.1270	.2805	.8664	1.0000
20	.1310	.4290	.1481	.1438	.2604	.2544	.1802	.6015	.2145	.9504
21	.3056	.1735	.5410	.3090	.2604	.2816	.2794	.2205	.0124	.8734
22	.2412	.2395	.1792	.1975	.0793	.2000	.4374	.4374	.1153	.8864
23	.2758	.0163	.2198	.0634	.1502	.0571	.0776	.0721	.0753	.1137
24	.2464	.2054	.2281	.3225	.1848	.2143	.2790	.3095	.0244	.9014
25	.2757	.4015	.3650	.5291	.5129	.5251	.4919	.4919	.1337	.9120
26	.3964	.6360	.3349	.6781	.6322	.6334	.7205	.6594	.5042	.9304
27	.3131	.6334	.3649	.5615	.4416	.4033	.6474	.6459	.1940	.9222
28	.0337	.1254	.0343	.1410	.2847	.2472	.1115	.1194	.0402	.9047
29	.1625	.5192	.2491	.5149	.1900	.5305	.6249	.6290	.2282	.9047
30	.3715	.8473	.3761	.6385	.3833	.7114	.8455	.9060	.5009	.9591
31	.4401	.8482	.4277	.7315	.4266	.8124	.8890	.4920	.4920	.9444
32	.4164	.8613	.4856	.7374	.5028	.7935	.9001	.9293	.5054	.9449
33	.5000	.8302	.4501	.7534	.5290	.7449	.8495	.8442	.3401	.9432
34	.2555	.7405	.3206	.6233	.2404	.7340	.8282	.8474	.3434	.9495
35	.4065	.8608	.4150	.7305	.4187	.7952	.8860	.9356	.5310	.9947
37	.1032	.0142	.0438	.1606	.2226	.1077	.1099	.0536	.0477	.9037
40	.0053	.2605	.1222	.2638	.0427	.3743	.3489	.3002	.1372	.9949
41	.0107	.1913	.1507	.1441	.0078	.2793	.2199	.2402	.2317	.9712
42	.0450	.2682	.1374	.1381	.1790	.2617	.2764	.2832	.3972	.9540
43	.0760	.0593	.2105	.1153	.0680	.1221	.0955	.0445	.0240	.9237
44	.1236	.1632	.2375	.0721	.0154	.1580	.1184	.1030	.1872	.9759
49	.3378	.2571	.2620	.2447	.2741	.3207	.3186	.3877	.1345	.9081
50	.2926	.2284	.1935	.2324	.2632	.3034	.3024	.3924	.1294	.9893
51	.0126	.0738	.0278	.1047	.0909	.1288	.1124	.1149	.0897	.9059
55	.2912	.2981	.2702	.3376	.2748	.3143	.3423	.3038	.1514	.9132
56	.0021	.0304	.0690	.1247	.0281	.0442	.0046	.0415	.0348	.9403
57	.0395	.0907	.0294	.0252	.0252	.0197	.0526	.0069	.0401	.9724
58	.2343	.5143	.2540	.6571	.4235	.5701	.6429	.7009	.3054	.9174
60	.1039	.1942	.0420	.0581	.2002	.1104	.1860	.1467	.1024	.9105

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SIMPLE CORRELATION COEFFICIENTS

COLUMN	20	21	22	23	24	25	26	27	28	29
20	1.0000									
21	.0397	1.0000								
22	.4502	.1907	1.0000							
23	.0532	.7124	.2665	1.0000						
24	.4828	.1780	.5464	.2115	1.0000					
25	.1999	.3331	.4920	.2181	.5605	1.0000				
26	.1706	.1474	.1184	.0004	.1073	.4931	1.0000			
27	.3455	.0719	.2961	-.0170	.1786	.4011	.4011	1.0000		
28	.1304	.0211	.0147	-.0050	.0997	.3058	.0925	.2230	1.0000	
29	.3137	.1965	.3801	.0692	.2282	.4377	.3376	.6447	.0209	1.0000
30	.4236	-.1174	.3203	-.0073	.0582	.3823	.4479	.5936	.0341	.4325
31	.5223	.1961	.4091	.0459	.2445	.4481	.7478	.6074	.1189	.5901
32	.4462	.2339	.3243	.1362	.2193	.5523	.5812	.6982	.1458	.5648
33	.4355	.1910	.3984	.0787	.3027	.4729	.4204	.6743	.0513	.4244
34	.5047	.2074	.3829	.0366	.1382	.3448	.6467	.5727	.1082	.4515
35	.5400	.1851	.4211	.0484	.2526	.4328	.7461	.6095	.0787	.4040
37	-.0140	.2155	.1497	.2544	.1175	.3154	.0095	.1745	.3424	.1705
40	-.2466	-.1810	-.1034	-.0658	.0400	.1622	-.1828	-.27405	-.1199	-.1949
41	.0696	-.0406	.0926	.0112	-.0105	.1187	.2336	.1016	.1307	.0454
42	.1132	.1635	-.1141	-.0373	-.2538	.1495	.1695	.1224	.0340	.1380
43	-.1167	-.0228	-.1563	.0717	-.0635	.0105	.0658	-.0015	.0778	.0485
44	.4007	.1554	-.1099	.0669	.0077	-.0771	-.1144	-.1847	-.0795	-.1275
49	.4333	.1025	.2126	.0587	.0860	.2304	.1677	.2567	.3072	.2454
50	-.1167	-.0661	.2564	.0533	.1387	.2013	.1776	.2557	.3050	.2944
51	-.2307	-.1566	.0546	-.0446	-.0163	-.0746	-.1129	-.1081	-.0237	-.0989
55	.2120	-.0545	-.1791	-.0824	.1610	-.2451	-.2080	-.2112	-.0597	-.2434
56	.1344	.0664	.4799	-.0040	.0826	.1915	-.0850	.0054	.1602	.0935
57	-.5111	-.2846	.4196	.0136	.0511	.1425	.1340	-.0111	.1244	.0504
58	-.0938	-.1826	-.2982	-.1539	-.3444	-.4440	-.4500	-.4153	-.1708	-.4033
60			-.1472	-.1459	-.3176	-.0359	.0858	.1446	-.1182	.1074

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SIMPLE CORRELATION COEFFICIENTS

COLUMN	30	31	32	33	34	35	37	40	41	42
30	1.0000									
31	.9150	1.0000								
32	.8395	.7969	1.0000							
33	.8465	.8454	.7944	1.0000						
34	.7982	.8457	.8463	.6463	1.0000					
35	.9171	.9410	.8227	.8580	.8342	1.0000				
37	-.0549	.0267	.1001	.0742	.0395	-.0410	1.0000			
40	-.2372	-.2387	-.3646	-.0734	-.4840	-.2728	-.0754	1.0000		
41	.2445	.3805	.1833	-.0757	.4202	.3347	-.0497	-.4578	1.0000	
42	.4328	.2659	.4292	.0515	.2219	.2738	-.1546	-.3977	.5441	1.0000
43	-.0569	.0074	.0739	-.0232	.0413	.0304	-.0599	-.1385	.1349	.2635
44	-.1193	-.1614	-.2065	-.0375	-.2153	-.1447	-.1033	.4441	-.2185	-.2331
49	.3254	.3654	.2936	.3988	.2601	.3242	.1781	-.1343	-.0159	.0504
50	.3237	.3741	.2844	.3828	.2671	.3328	.1321	-.1444	.0051	.0542
51	-.0980	-.0860	-.1025	-.1259	-.0776	-.1918	.1739	-.0321	.0484	-.0450
55	-.2216	-.2361	-.3405	-.3123	-.2229	-.2495	-.1928	.4250	.0470	-.1714
56	-.1100	.1589	.0360	.0361	.1764	.0894	.1267	-.1327	.2018	.0321
57	.0401	.0379	-.0198	.0166	.0943	.0196	.1432	-.1222	-.0441	-.0461
58	-.5014	-.5843	-.6132	-.5310	-.5221	-.4055	-.1350	.2842	-.1403	-.2251
60	.3343	.0205	.2899	.2365	.0560	.0570	-.0467	-.0374	-.3041	.4487

SIMPLE CORRELATION COEFFICIENTS

COLUMN	43	44	49	50	51	55	54	57	58	40
43	1.0000									
44	-.0878	1.0000								
49	.2255	-.0767	1.0000							
50	.1367	-.0878	.9651	1.0000						
51	-.4231	-.1100	-.1278	-.1231	1.0000					
55	-.1193	.5777	-.3504	-.3552	.0551	1.0000				
56	-.0821	-.2377	.1566	.1444	.2619	-.0227	1.0000			
57	-.0750	-.1967	.1627	.1614	.2032	-.0869	.9412	1.0000		
58	-.1549	.1314	-.5044	-.5576	.1933	.6539	.1031	.1344	1.0000	
60	.2427	-.0012	.1275	.1006	-.1856	-.2437	-.1745	-.0173	-.0141	1.0000

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SIGNIFICANCE LEVELS OF SIMPLE CORRELATION COEFFICIENTS (ASSUMING NORMALITY)

COLUMN	67	1	2	3	4	5	6	7	8	9
67	.0000									
1	.0000	.0000								
2	.8570	.0000	.0000							
3	.7572	.0000	.0000	.0000						
4	.6822	.0004	.0042	.0016	.0000					
5	.6060	.0009	.0094	.0003	.0000	.0000				
6	.5151	.0251	.0291	.0175	.0000	.0000	.0000			
7	.3409	.0354	.0454	.0243	.0000	.0000	.0000	.0000		
8	.9088	.0001	.0001	.0002	.0129	.0000	.0000	.0000	.0000	
9	.2895	.0000	.0000	.0000	.0155	.0042	.0097	.0000	.0000	.0000
10	.2893	.0203	.0023	.0045	.0290	.0039	.0016	.0004	.0004	.0002
11	.5069	.0000	.0000	.0000	.0093	.0027	.0042	.0004	.0004	.0000
12	.4055	.0083	.0024	.0056	.0141	.0027	.0082	.0000	.0000	.0000
13	.9129	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
14	.7094	.0026	.0098	.0043	.0002	.0002	.0003	.0001	.0001	.0000
15	.9203	.0000	.0000	.0000	.0030	.0002	.0019	.0007	.0000	.0000
16	.7848	.0000	.0000	.0000	.0000	.0004	.0015	.0016	.0000	.0000
17	.6896	.0000	.0000	.0000	.0020	.0004	.0016	.0058	.0002	.0000
18	.2987	.0013	.0002	.0004	.0093	.0003	.0018	.0046	.0012	.0024
19	.7356	.0193	.0244	.0532	.2733	.0641	.0640	.1460	.1301	.2775
20	.1543	.0007	.0000	.0000	.4050	.5003	.8373	.6790	.9941	.0000
21	.9076	.1261	.1279	.1557	.1989	.1871	.0568	.0537	.1544	.3450
22	.0190	.0081	.0033	.0017	.1044	.1941	.0377	.1067	.1254	.1148
23	.4384	.5982	.5959	.6401	.1519	.4974	.0805	.1329	.7208	.4470
24	.0000	.0121	.0047	.0245	.0016	.0389	.0368	.0445	.1114	.3257
25	.0056	.0007	.0005	.0006	.0015	.0005	.0001	.0021	.0057	.0340
26	.2930	.0000	.0000	.0000	.0003	.0000	.0027	.0019	.0002	.0000
27	.6693	.0000	.0000	.0000	.0229	.0021	.2725	.3989	.0000	.0000
28	.7344	.8414	.4540	.4225	.8728	.5535	.9146	.9522	.8284	.5641
29	.9630	.0000	.0000	.0000	.0484	.0343	.4817	.5410	.1704	.0000
30	.2306	.0000	.0000	.0000	.0087	.0007	.0841	.1311	.0045	.0000
31	.5574	.0000	.0000	.0000	.0006	.0000	.0040	.0049	.0000	.0000
32	.5917	.0000	.0000	.0000	.0046	.0011	.0121	.0234	.0000	.0000
33	.8016	.0000	.0000	.0000	.0002	.0009	.0406	.0490	.0000	.0000
34	.3074	.0000	.0000	.0000	.0399	.0028	.0974	.1412	.0000	.0000
35	.5302	.0000	.0000	.0000	.0005	.0001	.0093	.0140	.0000	.0000
37	.8358	.9635	.9454	.7505	.8740	.1085	.0136	.0134	.1401	.9718
40	.7681	.0394	.0225	.0403	.6751	.2377	.4750	.5471	.2100	.0000
41	.7109	.0000	.0824	.0911	.5181	.0818	.1110	.1487	.0530	.1594
42	.7291	.0469	.0591	.0547	.9050	.2055	.4010	.5738	.1199	.0985
43	.9873	.5538	.5757	.6930	.4982	.8328	.4479	.7315	.7820	.0444
44	.8445	.3544	.4760	.6283	.6283	.1233	.5389	.5447	.7002	.3350
49	1.0000	.4659	.0080	.0078	.5910	.4185	.3276	.3188	.5388	.0921
50	.7253	.4211	.0064	.0055	.5247	.3745	.3416	.3567	.5304	.0991
51	.8761	.6497	.3758	.4457	.5617	.5906	.8521	.9593	.8470	.0070
55	.7312	.0417	.0217	.0394	.2652	.2522	.2522	.2437	.1743	.0627
56	.5967	.6705	.9981	.6733	.3923	.4640	.4473	.5649	.4498	.4044
57	.6612	.4061	.6239	.9627	.2763	.5041	.4402	.8024	.3011	.0000
58	1.0000	.0000	.0000	.0000	.0201	.0148	.0159	.0224	.0004	.0000
60	.4886	.3136	.6397	.3585	.5213	.7734	.3357	.3447	.7059	.9641

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SIGNIFICANCE LEVELS OF SIMPLE CORRELATION COEFFICIENTS (ASSUMING NORMALITY)

COLUMN	10	11	12	13	14	15	16	17	18	19
10	.0000									
11	.0001	.0000								
12	.0001	.0001	.0000							
13	.0018	.0008	.0014	.0000	.0000					
14	.0019	.0014	.0007	.0000	.0000	.0000				
15	.0009	.0000	.0009	.0000	.0001	.0000	.0000			
16	.0014	.0000	.0009	.0000	.0004	.0000	.0000	.0000		
17	.0041	.0000	.0046	.0000	.0046	.0000	.0000	.0004	.0000	
18	.2081	.0081	.0319	.0570	.0421	.0595	.0058	.0004	.0000	.0000
19	.8424	.2735	.3848	.9707	.8120	.8957	.1948	.0561	.0000	.0000
20	.0024	.0024	.3206	.2712	.0772	.0552	.0572	.0000	.0000	.0000
21	.0361	.2434	.0011	.0346	.0772	.0552	.0572	.1364	.8281	.6231
22	.1024	.0484	.2280	.1833	.5962	.1778	.0223	.0021	.4401	.5628
23	.0606	.9136	.1376	.6721	.3137	.7030	.6037	.6300	.6149	.4467
24	.0950	.1657	.1231	.0271	.2137	.1441	.0576	.0342	.8592	.5403
25	.0607	.0052	.0117	.0001	.0002	.0002	.0000	.0004	.3702	.0361
26	.0058	.0000	.0214	.0000	.0000	.0000	.0000	.0000	.0000	.1188
27	.0321	.0000	.0117	.0000	.0019	.0000	.0000	.0000	.1822	.8822
28	.8222	.4011	.8190	.3445	.0524	.1009	.4555	.4231	.7883	.5713
29	.2750	.0002	.0913	.0002	.2009	.0001	.0000	.0000	.1212	.5504
30	.0101	.0000	.0092	.0000	.0078	.0000	.0000	.0000	.0001	.0784
31	.0020	.0000	.0027	.0000	.0028	.0000	.0000	.0000	.0000	.0947
32	.0036	.0000	.0005	.0000	.0003	.0000	.0000	.0000	.0000	.0523
33	.0003	.0000	.0015	.0000	.0001	.0000	.0000	.0000	.0193	.3368
34	.0831	.0000	.0280	.0000	.0034	.0000	.0000	.0000	.0181	.3180
35	.0046	.0000	.0037	.0000	.0034	.0000	.0000	.0000	.0001	.0444
37	.4691	.9246	.7700	.2808	.1326	.4712	.4622	.7207	.7502	.8014
40	.9721	.0770	.4130	.0732	.7758	.0095	.0162	.0403	.3579	.5169
41	.9428	.1977	.3119	.3340	.9585	.0572	.1043	.1039	.1171	.6343
42	.7640	.0683	.3569	.3547	.2287	.0756	.0400	.0538	.0057	.0849
43	.6114	.6924	.1556	.4403	.5545	.4136	.5230	.4666	.8729	.8744
44	.4079	.2731	.1079	.6302	.9184	.2888	.4280	.4907	.2076	.2370
49	.0232	.0811	.0752	.0973	.0623	.0279	.0291	.0071	.3801	.0495
50	.0460	.1224	.1724	.1159	.0739	.0379	.0643	.0063	.3859	.5504
51	.9330	.6210	.8530	.4839	.5436	.3882	.4039	.4417	.5488	.5215
55	.0470	.0410	.0662	.0203	.0615	.0314	.0185	.0379	.3092	.2442
56	.9887	.0390	.6448	.4035	.8511	.7678	.9755	.6813	.8113	.7878
57	.7920	.5444	.8447	.2705	.8667	.8952	.7245	.0435	.6880	.6278
58	.1129	.0002	.0850	.0000	.0030	.0000	.0000	.0000	.0369	.2329
60	.4870	.1908	.7792	.6982	.1772	.4602	.2647	.3253	.4933	.5015

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SIGNIFICANCE LEVELS OF SIMPLE CORRELATION COEFFICIENTS (ASSUMING NORMALITY)

COLUMN	20	21	22	23	24	25	26	27	28	29
20	.0000									
21	.7910	.0000								
22	.0015	.1991	.0000							
23	.7225	.0000	.0701	.0000						
24	.0006	.2317	.0001	.1536	.0000					
25	.1779	.0227	.0004	.1407	.0000					
26	.2516	.3227	.4281	.9281	.4728	.0000				
27	.0174	.6310	.0433	.9095	.2296	.0004	.0000			
28	.3824	.6878	.9221	.9735	.5048	.0366	.5363	.1119	.0000	
29	.0318	.1856	.0084	.6437	.1228	.0021	.0203	.0000	.8491	.0000
30	.0030	.4319	.0282	.9609	.6974	.0000	.0000	.0000	.8199	.0000
31	.0002	.1864	.0043	.7593	.0976	.0014	.0000	.0000	.4258	.0000
32	.0017	.1134	.0261	.3614	.1386	.0001	.0000	.0000	.3287	.0000
33	.0022	.1984	.0055	.6044	.0386	.0004	.0000	.0000	.7322	.0000
34	.0003	.1615	.0079	.8070	.3542	.0174	.0000	.0000	.4492	.0001
35	.0001	.2130	.0032	.7466	.0867	.0024	.0000	.0000	.5991	.0000
37	.9256	.1457	.3151	.0844	.4315	.0304	.9496	.2404	.0151	.2520
40	.0948	.2235	.4893	.6602	.7898	.2759	.2189	.1034	.4221	.1847
41	.1131	.7060	.5357	.9403	.9442	.4267	.1140	.4968	.3665	.4474
42	.6419	.7861	.4451	.8036	.0852	.3160	.2548	.4126	.8205	.7551
43	.4487	.2812	.2943	.6322	.6715	.9444	.6603	.9921	.6012	.4471
44	.3792	.8819	.4622	.6551	.9590	.6065	.4839	.2139	.5953	.2932
47	.0052	.2968	.1514	.6952	.5654	.1189	.2598	.0414	.0157	.0961
50	.0023	.4928	.0819	.7221	.3523	.1749	.2323	.0827	.0171	.1678
51	.4347	.6587	.7154	.7658	.9133	.6143	.4501	.4695	.8742	.6084
55	.1187	.2931	.2283	.5818	.2797	.0964	.1406	.1542	.6902	.0992
56	.1525	.7159	.0007	.9788	.5812	.1971	.5700	.9713	.2820	.5120
57	.3678	.6577	.0033	.9278	.7329	.3391	.3693	.9404	.3972	.7165
58	.0002	.0525	.0418	.3016	.0178	.0014	.0015	.0037	.2509	.0049
60	.5395	.2197	.3234	.3278	.0296	.8109	.5665	.3321	.4287	.4714

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SIGNIFICANCE LEVELS OF SIMPLE CORRELATION COEFFICIENTS (ASSUMING NORMALITY)

COLUMN	30	31	32	33	34	35	37	40	41	42
30	.0000									
31	.0000	.0007								
32	.0000	.0007	.0000							
33	.0000	.0000	.0000	.0000						
34	.0000	.0000	.0000	.0000	.0000					
35	.0000	.0000	.0000	.0000	.0000	.0000				
37	.1034	.0611	.0331	.0108	.0033	.0000	.0000			
40	.0976	.0496	.0217	.0130	.0066	.0033	.0012			
41	.0024	.0709	.0026	.0308	.0139	.0024	.0000	.0000		
42	.0740	.0598	.0214	.0748	.0391	.0214	.0014	.0000	.0000	
44	.0244	.0284	.0138	.0825	.0462	.0279	.0014	.0000	.0000	.0000
49	.0256	.0115	.0451	.0055	.0775	.0242	.0014	.0000	.0000	.0000
50	.0264	.0094	.0510	.0079	.0695	.0223	.0014	.0000	.0000	.0000
51	.05123	.05612	.04931	.03990	.0643	.01944	.0068	.0000	.0000	.0000
55	.1344	.1101	.0192	.0326	.1321	.0904	.0194	.0029	.0000	.0000
56	.4585	.2861	.9683	.8095	.2357	.5494	.1962	.3738	.1737	.8303
57	.7888	.8004	.8950	.9118	.5282	.8958	.3368	.4131	.7735	.7582
58	.0003	.0000	.0000	.0001	.0002	.0000	.1456	.0528	.2818	.1282
60	.0217	.0912	.0481	.1095	.7005	.7281	.4562	.8027	.0177	.0014

SIGNIFICANCE LEVELS OF SIMPLE CORRELATION COEFFICIENTS (ASSUMING NORMALITY)

COLUMN	43	44	49	50	51	55	54	57	58	60
43	.0000									
44	.5571	.0000								
49	.1275	.6084	.0000							
50	.3576	.5574	.0000	.0000						
51	.0030	.4583	.3918	.4097	.0000					
55	.4243	.0000	.0158	.0143	.0000	.0000				
56	.5831	.1077	.2932	.2938	.0754	.8794	.0000			
57	.6166	.1861	.2746	.2786	.1707	.5614	.0000	.0000		
58	.2985	.3787	.0003	.0000	.1929	.0000	.4906	.3478	.0000	
60	.1002	.9934	.3930	.5010	.2118	.0987	.2409	.9082	.7994	.0000

THE PARTIAL CORRELATION COEFFICIENTS (AND SIGNIFICANCE LEVELS) ARE NOT OFFINED AND ARE NOT PRINTED, BECAUSE THE NUMBER OF MEASUREMENTS (47) DOES NOT EXCEED THE NUMBER OF VARIABLES (50).

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DATA MATRIX OF MEDDACS IN COLUMNAR FORMAT

REOS STAFFED	BEDS CAN STAFF		ALL UNIT PEAK		AV DAILY AV BEDS		AV DAILY AV BEDS		I/C U. I/C U.		AV DAILY AV BEDS		AV DAILY AV BEDS		AV DAILY AV BEDS		AV DAILY AV BEDS		
	9/72	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
011	980	822	39	57	851	848	780	723	3	3	3	11	11	11	10	0	0	0	0
020	800	722	27	32	1090	705	870	610	0	0	0	0	203	0	215	0	0	0	0
030	1024	1140	14	18	717	481	360	338	3	3	3	35	35	19	19	2	2	2	2
041	850	793	316	374	941	646	783	569	4	4	4	27	27	26	26	16	16	16	16
051	559	414	22	25	651	474	487	362	6	6	6	23	23	36	36	17	17	17	17
052	50	50	2	2	15	11	7	5	0	0	0	0	0	0	0	0	0	0	0
061	525	570	15	23	642	453	548	431	2	2	2	10	10	10	10	2	2	2	2
070	598	750	19	26	797	509	459	307	1	1	1	9	9	5	5	0	0	0	0
080	422	500	19	26	409	314	334	278	1	1	1	5	5	4	4	15	15	15	15
110	100	100	4	5	62	52	71	57	1	1	1	4	4	4	4	0	0	0	0
210	116	137	8	16	240	126	130	65	1	1	1	6	6	3	3	4	4	4	4
220	334	284	300	300	271	130	222	142	14	14	14	15	15	13	13	286	286	286	286
230	25	20	13	0	165	16	14	9	0	0	0	0	0	0	0	0	0	0	0
241	535	434	18	20	404	404	492	492	1	1	1	4	4	4	4	5	5	5	5
251	186	127	23	23	108	108	91	91	0	0	0	4	4	4	4	6	6	6	6
260	142	150	7	8	160	101	109	69	1	1	1	4	4	4	4	4	4	4	4
270	75	75	3	3	45	45	34	34	2	2	2	2	2	2	2	0	0	0	0
280	125	90	26	26	115	79	90	57	1	1	1	6	6	4	4	5	5	5	5
290	124	150	4	4	70	70	104	58	2	2	2	3	3	3	3	4	4	4	4
301	997	568	17	21	656	414	575	449	2	2	2	2	2	2	2	16	16	16	16
320	254	282	12	19	396	235	309	196	2	2	2	10	10	10	10	0	0	0	0
330	98	80	5	5	48	45	47	44	1	1	1	10	10	7	7	8	8	8	8
340	679	435	27	28	516	373	535	427	2	2	2	15	15	15	15	20	20	20	20
350	50	50	22	29	59	24	23	23	2	2	2	2	2	2	2	0	0	0	0
360	88	71	3	4	120	69	67	45	1	1	1	3	3	3	3	6	6	6	6
370	40	40	3	3	35	25	26	26	0	0	0	0	0	0	0	2	2	2	2
380	75	125	36	38	139	65	134	53	1	1	1	4	4	4	4	4	4	4	4
390	546	315	3	3	473	304	360	241	1	1	1	2	2	2	2	3	3	3	3
400	100	100	3	3	84	48	83	56	1	1	1	2	2	2	2	2	2	2	2
410	339	335	17	18	485	353	391	352	2	2	2	7	7	6	6	7	7	7	7
420	85	72	4	4	26	26	26	26	1	1	1	2	2	2	2	1	1	1	1
430	378	520	20	23	340	217	303	243	2	2	2	18	16	16	16	15	15	15	15
440	40	40	2	3	38	20	26	14	0	0	0	0	0	0	0	0	0	0	0
450	285	285	7	7	390	257	361	224	1	1	1	3	3	2	2	6	6	6	6
460	450	335	19	26	456	320	520	416	2	2	2	0	0	0	0	7	7	7	7
470	344	350	13	13	384	253	334	204	1	1	1	8	8	6	6	10	10	10	10
480	106	78	4	4	71	42	62	42	1	1	1	5	5	5	5	0	0	0	0
490	261	261	11	14	330	197	223	175	1	1	1	5	5	5	5	3	3	3	3
500	110	100	4	4	74	56	76	54	1	1	1	0	0	0	0	2	2	2	2
510	60	60	3	3	77	40	51	31	0	0	0	0	0	0	0	0	0	0	0
520	440	555	15	29	471	330	514	402	2	2	2	26	21	18	18	12	12	12	12
531	12	12	8	8	2	2	4	4	0	0	0	0	0	0	0	0	0	0	0
530	12	12	4	4	1	1	3	3	0	0	0	0	0	0	0	0	0	0	0
540	18	18	1	13	4	4	3	3	0	0	0	0	0	0	0	0	0	0	0

550	300	300	10	10	162	162	177	177	2	2	5	5	6	6	6
561	132	125	51	51	89	63	77	61	2	2	3	3	1	1	49
600	10	10													
610	40	30	1	1	31	13	15	11	0	0	0	0	0	0	0
620	100	60	4	4	59	47	66	50	1	1	1	1	2	2	50
630	125	116	7	7	130	84	129	84	1	1			3	6	4
640	60	60	2	2	46	40	46	40	1	1	0	0	0	0	0
650			2	2	32	27	42	33	0	2	0	0	0	0	0
660	35	35	24	24	4	16	2	11	0	0	0	0	0	0	22
670	330	330	12	12	295	285	279	248	2	2	11	11	15	15	10
680	175	150	10	10	141	119	125	105	2	2	5	5	5	5	6
690	485	350	16	17	312	275	257	224	1	2	17	17	19	19	14
710	272	245	7	7	201	192	199	144			0				
720	115	115	7	7	122	110	115	105	1	1	5	5	3	3	0
730	19	65	1	1	6	6	6	6							
740	20	25			3	15	3	13	1	1	0	1	0	1	0
750	60	40	20	34	24	20	20	18							
810	750	756	34	34	658	539	637	532	5	5	42	42	42	42	27
820	50	50	6	14	741	69	26	22	3	2	80	8	2	2	2
830	350	305	6	10	276	253	241	218	2	7	48	48	5	2	6
850	35	35	8	8	135	135	21	21	1	1	0	0	0	0	7
860	15	15	1	1	181	12	20	30	1	1	6	6	10	15	1
871	130	130	14	16					2	2			8	8	12

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M/C U.	AV DLY		AV BEDS		OPERATE		DELIVERY		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL HOSPITAL		HOSP.
	PEAK FY72	CENSUS M1/C	OPC/DAY M1/C	SEP NORM	72 NORM	ROOMS 72 MAX	ROOMS 72 MAX	ROOMS 72 MAX	ADMSS. FY72	BIRTHS FY72	VISITS FY72	MCU FY72	BED.OCC. DAYS	INFECT 72	INFECT FY72	RATE	RATE		
011	0	0	0	0	10	2	10	2	15677	797	100455	831186	310377	139	.8438				
020	0	0	0	339	14	3	14	3	15014	1300	816057	666106	258148	235	12.0				
030	4	80	39	32	6	2	8	3	19090	2173	858582	646358	176153	115	.5				
041	19	470	426	426	7	7	7	3	13604	1233	634707	574680	235898	1174	6.1				
051	20	628	451	326	6	3	6	3	14745	1613	916632	648186	173520	182	1.2				
052	0	0	0	0	2	1	2	1	1602	130	37304	34368	5757	3	.1732				
061	5	.41	30	24	5	2	6	2	11142	808	562298	454300	165920	130	1.0879				
070	0	0	0	0	5	2	5	2	4725	90	250124	297922	174735	194	4.0291				
080	22	357	294	238	3	2	4	2	9804	909	578980	395893	115069	162	17.8				
110	0	0	0	0	3	3	3	2	4070	249	135333	109500	19068	0	.0000				
210	10	135	94	50	3	2	3	2	6394	585	233206	162790	47073	27	.3869				
220	286	256	209	129	2	2	5	2	9004	1389	498235	306600	54988	171	1.6453				
230	0	0	0	0	1	1	1	0	787	0	104150	43460	4345	2	.2541				
241	16	329	404	404	4	2	6	2	14823	1391	710312	521585	148019	19	.013				
251	5	104	87	87	3	1	3	1	4742	659	287809	178485	38645	43	.7961				
260	7	156	105	65	4	4	4	2	4925	840	308632	186515	36787	167	2.8968				
270	0	0	0	0	2	2	2	2	2878	625	236910	122631	16528	0	.0000				
280	5	0	0	48	2	1	2	1	3768	501	274471	154088	29056	10	.2342				
290	4	50	50	308	2	1	3	2	4850	804	243736	160968	31307	64	1.1319				
301	14	0	0	0	5	2	6	2	18927	1144	856101	609048	151508	65	.3239				
320	0	0	0	0	4	2	4	2	9614	712	362110	298471	86578	32	.3099				
330	0	0	0	0	3	1	3	1	2694	356	155533	93440	16447	11	.3607				
340	21	310	325	277	5	2	5	2	19722	727	519533	516690	136638	26	.1271				
350	0	0	0	0	2	1	2	1	1662	271	64730	47336	8587	7	.3621				
360	0	0	61	39	3	2	3	2	3043	476	116160	95257	25219	88	2.5007				
370	2	35	38	26	2	2	2	2	1681	224	94078	56266	8992	36	1.8898				
380	34	54	43	43	2	2	2	2	5130	1055	338910	184124	23772	35	.5659				
390	0	0	0	0	6	2	6	2	11761	1738	594585	472312	111443	201	1.4890				
400	3	82	82	54	2	1	2	1	2705	293	165474	97208	17585	92	3.0687				
410	0	0	0	0	5	2	6	2	11680	2153	733655	382418	129111	42	1.2				
420	2	19	20	20	3	2	3	2	2110	322	146091	77663	9516	3	.20				
430	18	283	256	214	4	2	4	2	13038	564	470094	356023	79571	106	.80				
440	0	0	0	0	2	2	2	2	1401	243	53208	30215	7257	4	.2433				
450	6	371	342	210	4	4	4	2	11627	2513	623242	422497	94124	90	4.0				
460	19	0	0	359	4	4	4	1	16206	911	540651	450546	117167	65	.40				
470	10	341	302	172	4	3	4	3	8097	1327	463690	326083	97736	27	.40				
480	3	0	0	0	4	2	4	2	2699	313	206685	107611	15491	11	.40				
490	0	0	0	0	4	2	5	4	9823	1465	410386	313051	77055	52	5.2				
500	3	65	66	42	3	3	3	2	4017	622	136837	107817	20376	16	.30				
510	0	0	0	0	2	2	2	2	2055	320	124760	73642	12464	4	.00				
520	26	348	496	384	7	3	7	3	23692	1167	1205712	550026	120501	51	.20				
521	0	0	0	0	0	0	0	0	177	0	9723	5412	725	0	.0000				
530	4	1	1	3	1	0	1	0	267	0	14974	8012	850	0	.0000				
540	0	0	0	0	1	1	1	1	418	72	28159	17754	1406	0	.0000				
550	6	130	132	132	4	1	4	3	8838	1523	490399	306579	55869	93	1.10				
561	49	88	70	60	3	2	3	2	3025	757	97706	90030	22898	29	.00				
600	0	0	0	0	1	1	1	1	1114	176	23744	30377	4794	2	.1550				
620	94	60	64	51	3	2	3	2	2865	660	126880	90494	17180	32	1.1				
630	4	0	111	0	2	3	4	3	6336	1201	294296	199618	35959	27	.4				
640	0	0	0	0	3	2	3	2	3169	624	192003	110114	14583	27	.7118				

650	0	0	0	0	1	1	1	2	2	1874	418	76228	55909	10120	17	.7417
660	22	0	0	0	1	1	1	1	1	1332	247	34728	32104	5895	1	.0633
670	10	262	246	190	5	3	3	5	3	13689	2206	563491	432203	104206	72	.652
680	6	136	120	100	3	2	2	3	2	6877	1353	306412	233065	48841	375	4.8
690	14	295	238	238	6	2	2	6	2	10839	1876	196180	286286	100282	106	1.4
710	0	0	0	0	3	2	2	3	2	7713	1556	231860	232003	69895	156	1.2
720	0	0	0	0	1	1	1	1	1	4693	996	193600	146068	31098	19	
730	0	0	0	0	1	1	1	1	1	546	63	21473	14717	2185	9	1.4778
740	0	0	0	0	1	1	1	1	2	1009	240	33588	28095	5528	0	.0000
750	0	0	0	0	2	1	1	2	1	1449	254	80962	48670	7351	2	.1174
810	27	528	505	412	8	3	3	0	3	18791	3402	745571	627690	182028	525	1.6
820	10	623	20	20	5	2	2	5	2	1966	233	21940	53870	25298	36	1.6371
830	10	248	211	9	4	2	2	4	2	10804	1791	296966	307800	92760	20	.00
850	7	21	21	21	2	0	0	5	0	6729	0	106268	100803	1432	0	.0000
860	1	90	5	7	1	0	0	2	0	507	0	6524	66854	59826	0	.0000
871	14				3	0	0	3	0	5688	95	88751	135232	51183	0	.0000

Annex II-5, Set 2 (continued)

	AV STAY DISPOS.		AV STAY DISPOS.		AV STAY DISPOS.		AV STAY DISPOS.		BED OCC		BED OCC		WARD		DINING	
	ALL FY72	GEN/SURG FY72	APPEND. FY72	APPEND. FY72	HERNIA FY72	CHOLEL. FY72	CHOLEL. FY72	CHOLEL. FY72	DAYS FY72	DAYS FY72	SEP FY72	MIC FY72	SEP FY72	OTHER FY72	RATION 9/27	RATION 9/27
011	21.5	15729	14.6	1253	.0	77	160	95	6997	4327	10637	417	385			
020	17.2	705	12.2	1382	6.3	85	142	43	6444	3840	8006	371	313			
030	13.5	19090	15.1	7447	19.7	178	359	119	568	915	9172	253	354			
041	13.7	17114	11.0	1145	5.0	126	188	7.0	61	1327	13774	359	135			
051	10.7	15708	10.7	2092	13.3	160	543	13.8	109	429	10571	319	275			
052	3.8	1375	.0	0	.0	6	6	.0	7	32	47	74	0			
061	14.5	11397	13.5	1298	6.5	55	274	20.2	308	710	11923	393	45			
070	43.0	5303	17.2	491	32.4	31	135	22.2	162	444	444	102	112			
080	13.1	10818	28.5	2865	2.6	74	267	1.8	106	1054	7168	191	120			
110	4.8	4070	.0	1718	6.7	27	43	9.5	14	136	0	56	4			
210	11.8	3976	9.3	754	5.0	38	95	8.0	15	12	545	1393	5			
220	6.0	9070	6.4	1491	7.2	149	358	10.2	98	393	2397	3870	282			
230	5.5	811	4.7	7.5	7.5	2.8	2.8	4.3	38	345	404	42	9			
241	11.0	14140	15.6	1395	10.8	122	279	14.8	75	330	14442	0	251			
251			7.1	863	5.4	18	0	9.0	2	120	810	1800	69			
260	7.9	4833	7.6	833	8.5	76	193	12.5	38	108	1970	56	2			
270	4.1	3517	8.5	378	0	0			55	0	938	107	13			
280	7.3	3785							75	192	1432	55	41			
290	8.2	22895	8.2	582	5.0	52	128	8.0	52	1500	266	1766	16			
301	7.9	19217	8.1	1575	10.1	107	275	11.3	96	484	5049	7950	240			
320	10.9	9284	10.1	1041	5.3	45	71	.0	0	194	598	5485	138			
330	6.1	2694	7.0	896	5.0	50	104	8.0	27	266	963	175	57			
340	6.9	19722	10.7	4930	9.2	81	280	16.2	33	453	3452	8895	141			
350	5.0	1662	5.2	548	8.3	11	37	10.1	10	76	0	619	67			
360	8.3	3043	9.4	958	5.8	18	79	8.7	35	156	145	1062	57			
370	5.4	1689	5.6	467	4.3	31	54	6.4	21	1	16	9	25			
380	9.2	65	6.1	687	6.5	39	55	7.0	6	137	1463	0	48			
390	9.4	304								0	0	0	81			
400	7.0	2853	7.4	1575	7.0	25	79	11.3	31	56	0	1634	70			
410	14.8	11580	9.6	2351	10.1	150	359	12.1	122	510	11234	10563	247			
420	4.5	2110	9.2	506	10.8	46	76	10.8	23	48	733	29	0			
430	6.1	13038	10.4	994	7.0	5	105	12.8	8	476	727	6090	195			
440	5.2	1407	5.6	210	8.8	14	39	6.6	14	0	0	415	7			
450	8.5	10418	9.8	1692	9.2	139	309	10.4	92	59	6290	364	197			
460	7.8	15876	9.7	1321	11.9	72	197	13.4	60	213	685	11582	298			
470	11.5	92736	15.3	59016	8.5	62	223	13.7	35	180	768	5184	147			
480	5.6	2743	6.6	307	.0	0	0	.0	0	100	256	873	49			
490	7.3	72052	9.3	1118	7.4	104	235	9.3	86	136	0	5110	145			
500	4.6	4015	9.9	405	5.0	120	72	8.0	60	47	0	1734	38			
510	8.0	2055	7.0	343	7.1	18	29	14.0	1	0	0	20	13			
520	6.3	23781			11.2	40	27	.8	8	496	3651	8923	27			
521	4.2	725	.0	0	.0	0	0	.0	0	147	68	510	3			
530	2.3	287	2.2	21	.0	2	0	5.2	2	30	91	0	11			
540	3.3	424	.0	101	.0	0	0	.0	0	0	0	89	0			
550	11.9	8839	7.0	1043	9.7	55	200	8.2	56	310	120	4731	106			
561	5.5	3801	9.9	847	6.4	35	105	8.9	34	637	919	18	239			
600													16			
610	5.0	293	5.0	293	3.0	1	8	5.0	4	5	327	0	13			
620	6.0	2858								60	0	1928	47			
630	6.3	6339	7.4	904	8.4	38	97	14.0	18	169	0	3149	100			
640	4.5	3159	4.5	724	13.8	26	72	11.3	20	0	0	1206	34			

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650	5.3	1892	6.8	510	7.3	28	10.8	32	10.5	4	14	0	974	39	0
660	4.4	1332	4.5	350	6.0	11	5.5	25	7.1	5	54	50	238	21	0
670	8.0	13714	10.2	1900	5.0	188	5.1	220	10.2	65	300	0	7128	156	447
680	6.6	7809	6.4	1099	8.1	45	6.6	100	8.1	137	136	0	3149	265	28
690	9.4	11685	10.8	1074	16.6	86	8.8	224	13.1	52	570	7140	0	156	50
710	9.1	7714		0	.0	0	.0	0	.0	0	4486	1026	0	118	54
720	6.6	85									114	905	2985	93	22
730	5.9	2185	4.6	958	5.0	6	6.0	4	8.0	2	2	118	65	8	0
740	5.5	1009	.4	272	7.0	17	6.0	41	1.0	13	20	27	344	12	3
750	723.4	113	165.9	23	25.7	2	20.9	4	18.6	2	0	0	536	20	0
810	9.7	18820	11.6	2145	10.2	157	10.4	173	10.4	53	1260	538	12862	1086	241
820	12.9	1966	15.4	558	6.5	36	7.2	49	10.5	30	70	75	416	66	18
830	8.8	10425	12.2	19975	11.5	122	14.3	291	14.1	77	258	1981	4385	175	50
850	7.3	1631	7.3	630							6	639	0	11	0
860	11.8	507			.0	0	.0	0	.0	0	444	222	222	27	0
871	8.9	5688													

Annex II-5, Set 2 (continued)

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RATIO CATEGORY	COMPLAIN CARE		UNUSUAL ACCUR		M.D.		ANC STRENGTH NURSES		CIV. REG ENL. MEN NON-PRO		ANC CIV NRS ASSIGNED R.N. AS		ARMY CIV ANC ON		ANC TRANS		ANC CIV R.N.	
	IN 72	47	10 MO	48	72	49	50	51	52	53	54	55	56	57	58	59	60	61
011	1	14	5	29	389	189	111	473	252	174	120	99	57	58	42			
020	1	0	0	13	287	153	122	399	136	157	121	99	55	35	19			
030	1	0	0	100	88	93	367	113	102	102	97	66	42	41	26			
041	1	122	19	17	245	127	113	239	106	134	93	39	39	58				
051	1	130	101	12	172	127	251	132	98	77	86	46	20	12				
052	3	9	9	7	9	7	37	0	6	9	4	3	4	4				
061	1	47	3	32	274	127	54	321	78	125	55	120	76	50	1			
070	1	138	16	6	60	89	48	209	85	90	50	62	33	40	8			
080	2	49	24	11	94	100	42	224	102	107	44	82	31	27	1			
110	1	2	1	2	32	23	13	87	2	17	13	16	8	3	3			
210	1	29	4	0	48	40	25	114	15	36	14	43	13	35	3			
220	1	44	17	16	73	54	53	168	24	63	43	12	8	14	15			
230	2	0	0	1	11	9	14	31	8	8	15	2	1	0	0			
241	2	126	18	18	92	62	67	138	84	54	60	52	30	18	56			
251	1	42	40	3	42	25	34	118	29	23	37	15	12	4	4			
260	3	49	28	5	50	34	34	122	10	32	28	22	8	9	13			
270	1	4	0	7	30	19	18	75	1	18	19	13	7	4	6			
280	1	4	0	7	40	22	25	76	28	25	27	17	5	13	9			
290	1	44	14	4	38	33	20	77	19	31	18	32	14	13	3			
301	2	162	16	16	127	73	83	212	46	78	83	28	35	53	26			
320	3	17	12	37	45	58	31	186	65	50	31	35	16	18	14			
330	1	27	9	3	29	20	17	38	70	16	17	12	10	8	2			
340	2	80	80	11	72	47	71	153	101	47	69	33	17	19	3			
350	1	0	9	1	40	13	6	40	15	12	7	12	4	2	2			
360	1	0	0	1	24	12	16	62	19	12	16	10	5	3	3			
370	1	0	0	1	18	8	26	24	21	8	27	6	1	5	7			
380	3	0	0	0	56	24	26	37	36	21	24	15	18	2	9			
390	1	13	8	4	110	68	73	177	136	78	69	68	54	14	16			
400	2	100	87	6	95	78	64	193	73	67	55	20	15	5	8			
410	3	0	0	6	23	27	13	47	8	21	13	16	36	22	6			
420	2	0	0	7	61	63	24	144	88	64	22	53	8	8	0			
430	1	60	19	7	20	13	9	37	13	13	9	9	31	18	8			
440	3	0	0	5	77	55	46	162	44	44	46	43	6	4	1			
450	3	99	45	5	80	80	26	216	63	73	20	53	16	19	28			
460	1	45	20	12	64	60	56	145	59	55	51	53	15	21	5			
470	3	26	26	10	35	21	9	54	26	17	9	6	7	4	7			
480	2	0	0	7	60	43	41	170	69	41	39	34	29	16	13			
490	3	0	0	7	33	32	19	86	18	16	11	5	0	5	6			
500	1	22	13	1	14	13	9	36	8	97	45	64	34	41	12			
510	1	6	1	0	105	110	43	285	57	97	6	1	1	0	2			
520	3	25	11	4	1	4	4	2	6	1	6	4	1	1	3			
521	1	0	0	0	2	4	4	26	1	2	8	2	2	1	3			
530	1	0	0	0	6	6	8	35	8	6	8	4	2	2	1			
540	0	0	0	0	72	63	51	98	67	56	50	55	23	25	9			
550	3	239	169	13	27	24	7	80	0	26	7	18	12	6	2			
561	1	3	3	3	6	10	2	5	0	10	0	7	10	0	0			
600	1	3	0	0	28	17	22	80	0	12	18	6	9	1	6			
610	1	1	0	2	45	22	25	194	0	18	21	16	15	6	14			
620	2	9	9	12	24	16	11	125	3	16	8	10	1	3	5			
630	1	4	3	3														
640	1	4	3	3														

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650	2	0	0	3	16	13	7	37	0	11	7	3	3	0	8
660	1	0	0	0	11	10	2	36	2	10	1	6	6	0	1
670	1	62	32	8	108	52	71	344	0	51	64	27	34	10	32
680	1	16	9	10	61	28	33	201	3	29	29	17	11	5	25
690	1	1	1	5	93	54	43	250	2	57	43	24	28	4	30
710	1	6	2	4	68	37	28	115	10	31	32	20	25	10	29
720	2	7	1	2	38	21	24	201	1	21	24	10	2	5	4
730	1	0	0	0		A	1	24	0	8	0	2	3	0	1
740	3	0	0	0	18	15	1	24	0	3	1	9	7	0	1
750	1	0	0	0	27	20	1	70	8	17	1	7	5	4	1
810	3	213	72	10	219	164	63	319	122	152	67	72	88	35	17
820	1	0	0	2	11	23	0	65	0	28	1	22	24	34	7
830	1	14		5	67	55	48	281	7	55	46	24	18	2	42
850	1			1	9	14	0	35	0	4	0	4	25	0	0
860	3			0	5	5	0	16	0	5	4	4	2	2	0
871		5	0	1	28	39	0	90	0						

Annex II-5, Set 2 (continued)

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CIV R.N. RESIGN FY72	TOTAL NURSES 9-30-72	FRAC. OF COMPLAIN PE	RATIO MAX/NOR OPR RMS	RATIO MAX/NOR DEL RMS	NURSES/ MCCU FY72	BED CAN STAFF/ RED STFF	HAPO RATIN RA. DIN RA.	RATIO MIL/CIV 9-30-72	RATIO OFF/ENL 9-30-72	RATIO PRO/NON PRO	MIL. TURNORV RATE	CIV TURNORV RATE	MIL+CIV TURNORV RATE	B.O.D. IC/TOT. B.O.D. 8	
															61
011	52	1025	.3571	1.0000	1.0000	.1233	.8388	1.0831	1.0237	.3996	.6897	66.092	43.333	56.803	31.8610
020	23	816	.0000	1.0000	1.0000	.1225	.9025	1.1853	2.1628	.3778	.7560	57.325	19.008	40.648	35.2324
030	22	661	.0000	1.3333	1.5000	.1023	1.1133	.7147	2.2087	.2398	.5687	81.373	22.680	52.768	5.3308
041	585	1557	.0000	1.1667	1.5000	.1018	.9329	2.6593	1.6712	.5314	1.0377	72.388	.000	72.388	7.7780
051	21	591	.7769	1.0000	1.0000	.0912	.7406	1.1600	1.7746	.5060	.6606	67.347	27.273	49.714	3.9000
052	2	53	.0000	1.0000	1.0000	.1542	1.0000	.0000	4.9889	.1892	.4865	116.667	22.222	60.000	20.9150
061	23	580	.0638	1.2000	1.0000	.1277	1.0857	5.8923	3.3939	.3956	.8221	100.800	41.818	82.778	2.3800
070	13	431	.1159	1.0000	1.0000	.1447	1.2542	.9107	2.2406	.4258	.3673	81.111	26.000	61.499	26.7327
080	4	470	.4898	1.3333	1.0000	.1187	1.1846	1.5917	2.2639	.4425	.4146	54.206	9.091	41.060	1.2728
110	6	125	.5000	1.0000	1.0000	.1142	1.0000	14.0000	7.3333	.2844	.5056	64.706	46.154	56.667	8.0189
210	3	194	.1379	1.0000	1.0000	.1192	1.1810	10.0000	3.8500	.351	.5659	133.333	21.429	102.000	.6154
220	2	299	.3864	1.2500	1.0000	.0975	.8503	.5532	2.6831	.3214	.6563	34.921	4.651	22.642	5.9009
230	0	62	.0000	1.0000	1.0000	.1427	.8500	4.6667	1.8187	.2903	.6410	37.500	.000	13.044	4.8285
241	53	351	.0000	1.5000	1.0000	.0673	.8112	2.2018	1.3245	.4493	.7162	88.889	88.333	88.597	2.2340
251	6	206	.9524	1.0000	1.0000	.1154	.6828	3.6316	2.270	.2129	.5170	69.565	16.216	36.667	4.3956
260	10	200	.5714	1.0000	1.0000	.1072	1.0563	28.0000	3.5455	.2787	.6364	53.125	35.714	45.000	5.1973
270	3	138	.0000	1.0000	1.0000	.1125	1.0000	8.2308	2.1364	.2533	.4752	61.111	15.790	37.838	5.5388
280	2	140	.0000	1.0000	1.0000	.091	.7200	1.3415	2.3333	.2995	.6989	72.000	.000	34.615	4.4144
290	4	149	.3182	1.5000	2.0000	.0926	1.1905	8.6250	2.8205	.4286	.6042	87.097	22.222	63.265	42.4689
301	18	414	.0000	1.2000	1.0000	.0680	.570	1.3483	2.093	.3443	.8140	112.821	21.687	65.839	3.5897
320	4	340	.7059	1.0000	1.0000	.1139	1.1102	.3557	2.5417	.3118	.3028	68.000	12.903	46.914	3.0906
330	2	105	.3333	1.0000	1.0000	.1124	.8163	.7703	1.2340	.5263	.6765	112.500	11.765	60.606	18.9459
340	8	371	.1000	1.0000	1.0000	.0718	.6406	2.1135	1.1696	.3072	.5591	76.596	11.594	37.931	3.5391
350	2	74	.0000	1.5000	1.0000	.1563	1.0000	.0000	2.5238	.3250	.8364	50.000	28.571	42.105	8.2963
360	0	109	.0000	1.0000	1.0000	.1144	.8068	.6951	2.1143	.1935	.4938	83.333	.000	35.714	11.4453
370	4	79	.0000	1.0000	1.0000	.1404	1.0000	25.0000	.6809	.3333	.9778	75.000	14.815	28.571	3.8462
380	6	123	.0000	1.0000	1.0000	.0654	1.6667	9.6000	.9839	.6486	1.1233	95.238	25.000	57.778	8.5625
390	21	454	.0000	1.0000	1.0000	.0961	.5769	7.7407	1.1727	.3842	.5847	87.180	30.435	60.544	.0000
400	6	136	.6154	1.0000	1.0000	.1399	1.0000	11.6667	2.0222	.3133	.4694	86.567	23.636	58.197	2.2863
410	13	408	.9852	1.2000	1.0000	.1067	.9882	.9686	1.9781	.4041	.5977	86.567	30.769	58.824	6.1460
420	4	95	.0000	1.0000	1.0000	.1223	.8471	.0000	3.5238	.5745	.6545	76.191	30.769	58.824	6.1460
430	5	319	.3167	1.0000	1.0000	.0896	1.3757	6.5000	1.9487	.4375	.3664	76.563	22.727	62.791	6.5268
440	2	72	.0000	1.0000	1.0000	.2383	1.0000	7.0000	2.2727	.3514	.5800	76.923	22.222	54.546	.0000
450	25	307	.4545	1.0000	1.0000	.0727	1.0000	6.1562	2.1111	.3395	.5971	78.546	54.348	66.667	.8789
460	21	385	.4444	1.0000	1.0000	.0955	.7444	2.7339	3.5258	.3704	.3799	49.315	105.000	61.290	1.7067
470	21	320	1.0000	1.0000	1.0000	.0981	1.0174	3.2667	1.7826	.4138	.5882	72.727	41.177	57.547	2.9354
480	9	110	.0000	1.0000	1.0000	.1022	.7358	.0000	2.1429	.3889	.5500	64.706	100.000	76.923	8.1367
490	12	323	.0000	1.2500	2.0000	.1032	1.0000	3.2222	1.9364	.2529	.4226	107.756	30.769	71.250	2.5925
500	155	5909	.0000	1.0000	1.0000	.1438	.9091	2.9231	3.1892	.3721	.5000	.000	.000	.000	2.6390
510	4	66	.1667	1.0000	1.0000	.0896	1.0000	1.5385	2.8824	.3611	.5227	31.250	36.334	33.333	.0000
520	15	495	.1916	1.0000	1.0000	.0960	1.2614	12.1481	3.9500	.3860	.4327	77.320	33.333	63.380	3.7950
521	2	13	.0000	1.0000	1.0000	.2402	1.0000	.0000	.3000	.5000	.8750	100.000	33.333	42.857	20.2759
530	2	33	.0000	1.0000	1.0000	.4119	1.0000	.0000	5.6000	.0769	.2963	100.000	50.000	66.667	24.7934
540	1	57	.0000	1.0000	1.0000	.3211	1.0000	.0000	2.5625	.1714	.4186	66.667	12.500	35.714	.0000
550	2	279	.7071	1.0000	3.0000	.0910	1.0000	.4435	1.3644	.6429	.7455	85.714	4.000	47.170	6.0066
561	2	111	.0000	1.0000	1.0000	.1233	.9470	8.4375	14.8571	.3000	.4250	69.231	28.571	60.606	40.4701
610	0	29	.0000	1.0000	1.0000	.0955	1.0000	.0000	4.0000	.4000	.4000	.000	.000	.000	.0000
620	5	119	.0000	1.0000	1.0000	.0955	.7500	13.0000	.0000	.5263	.3158	100.000	.000	100.000	1.5060
630	9	241	1.0000	1.0000	1.0000	.1315	.6020	3.9167	4.9091	.1125	.6250	83.333	50.000	63.333	3.0181
640	1	155	.7500	1.0000	1.0000	.1408	.9280	7.6923	8.6400	.1134	.3608	116.667	23.810	66.667	5.0934
640	1	155	.7500	1.0000	1.0000	.1408	1.0000	11.3333	10.0714	.1280	.2734	25.000	12.500	20.833	.0000

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650	8	57	.0000	2.0000	.1020	.0000	7.1429	.3514	.6216	27.273	114.286	61.111	1.4170
660	2	50	.0000	1.0000	.1557	1.0000	.0000	.2778	.3421	60.000	200.000	72.727	15.7895
670	42	467	.5161	1.0000	.1081	1.0000	.3490	.1512	.5203	86.275	65.625	74.783	4.0388
680	22	265	.5625	1.0000	.1188	.8571	9.4643	.1393	.4608	55.172	75.862	65.517	4.1400
690	26	347	1.0000	1.0000	.1212	.7216	3.1200	.2160	.5440	56.140	60.465	58.000	7.3930
710	28	190	.3333	1.0000	.0819	.9007	2.1852	.3217	.7680	112.903	87.500	100.000	81.3861
720	6	176	.1429	1.0000	.1205	1.0000	4.2273	.1615	.4733	33.333	25.000	28.889	2.8472
730	1	33	.0000	1.0000	.2242	3.4211	.0000	.3333	.0417	37.500	.000	50.000	1.0811
740	2	40	.0000	1.0000	.1424	1.2500	4.0000	.6250	.7917	233.333	200.000	225.000	5.1151
750	0	99	.0000	1.0000	.2034	.6667	.0000	.2857	.3590	52.941	.000	50.000	.0000
810	5	668	.3380	1.0000	.1064	1.0000	4.5062	.5141	.6395	80.921	7.463	58.448	8.5948
820	6	88	.0000	1.0000	.1634	1.0000	3.6667	.3538	.1692	207.143	600.000	220.690	12.4777
830	44	391	.0000	1.0000	.1270	.8714	3.5000	.1957	.3993	36.364	95.852	63.366	3.8949
850	0	49	.0000	2.5000	.0484	1.0000	.0000	.4000	.2571	625.000	.000	625.000	.9302
860	0	21	.0000	2.0000	.0314	1.0000	.0000	.3125	.3125	80.000	.000	44.444	50.0000
871	129	129	.0000	1.0000	.0954	1.0000	.0000	.4333	.3111				

Annex II-5, Set 2 (continued)

650	.0000	98.583	100.00	170	36	6142	4890	988	0	12	.4063	.0000	.000	2.1111
660	14.6199	69.591	100.00	57	10	2165	1662	342	163	11	2.5000	.0000	.000	3.1250
670	.0000	95.961	100.00	1000	188	44905	32780	7428	2723	52	.1763	4.7273	42.455	1.6386
680	.0000	95.860	100.00	509	103	23279	16614	3510	1161	28	.1986	5.6000	53.000	2.2269
690	92.6670	.000	100.00	772	156	25650	23687	6712	2672	54	.1731	3.1765	20.412	1.2618
710	18.6139	.000	100.00	694	141	33982	23850	5317	1882	37	.1841	.0000	.000	.9896
720	22.6624	74.550	100.00	395	66	15543	12258	2985	831	22	.1721	4.2000	35.200	1.6000
730	63.7838	35.135	100.00	46	4	1543	1148	165	1761	0	1.3333	.0000	.000	5.5000
740	6.9654	87.980	100.00	93	17	2893	2359	391	1694	24	5.0000	.0000	.000	2.6667
750	.0000	100.000	100.00	95	13	7694	3925	536	193	21	.8333	.0000	.000	4.9500
810	3.6698	87.735	100.00	1609	282	62474	51720	14660	4919	165	.2492	3.9048	15.905	1.2393
820	13.3690	74.153	100.00	100	27	1541	2344	611	593	24	.0310	.2875	1.100	1.2754
830	29.9064	66.199	100.00	807	140	21302	22405	6544	2503	59	.1993	1.1458	6.146	1.5455
850	99.0698	.000	100.00	116	0	2580	1955	21	0	15	.1037	.0000	.000	.3630
860	25.0000	25.000	100.00	71	0	519	9741	8875	0	5	.0276	.8333	3.500	1.7500
871				409	4	10974	10618	3196	1319	51	.0000	.0000	.000	.0000

Annex II-5, Set 2 (continued)

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M.M./ANC
DA3604
91

RATIO STRONGLY STRONGLY
AGREE DISAGREE
NORMALIZED
92 93

011	2.1374	0.267	0.593
020	1.9658	0.378	0.354
030	2.0225	0.378	0.106
041	1.5217	0.260	0.238
051	1.5636	0.265	0.291
052	1.2857	1.000	0.000
061	1.7677	0.574	0.074
070	.6742	0.570	0.291
080	.9307	0.265	0.175
110	1.3913	0.445	0.000
210	1.2000	0.287	0.407
220	1.0580	0.300	0.074
230	1.2222	0.400	0.000
241	1.5333	0.265	0.497
251	1.6800	0.466	0.222
260	1.4286	0.321	0.302
270	1.6667	0.590	0.280
280	1.8182	0.266	0.254
290	1.3103	0.386	0.000
301	1.6711	0.277	0.455
320	.7759	0.326	0.090
330	1.4500	0.221	0.555
340	1.5319	0.258	0.217
350	1.6000	0.431	0.407
360	2.0000	0.861	0.000
370	2.5714	0.622	0.000
380	2.7400	0.175	0.000
390	1.5493	0.336	0.000
400	1.5000	0.262	0.000
410	1.2179	0.486	0.143
420	.9583	0.350	0.439
430	.8243	0.405	0.138
440	1.4286	0.654	0.000
450	1.4000	0.172	0.217
460	1.0256	0.395	0.000
470	1.0667		0.090
480	1.6667	0.560	0.000
490	1.2000	0.316	0.000
500	.9167	0.302	0.429
510	1.0769	0.323	0.000
520	.9545	0.273	0.423
521	3.0000		
530	1.3333		
540	2.5000		
550	1.1429	0.382	0.159
561	1.1250	0.304	0.000
600	.0000		
610	.6000	0.164	0.000
620	1.7500	0.246	0.623
630	1.9565	0.087	0.000
640	1.5000	0.466	0.000

450	1.3333	0.637	0.000
660	1.0000	0.420	0.000
670	2.0769	0.343	0.799
680	2.1786	0.316	0.344
690	1.7222	0.204	0.439
710	1.8378	0.151	1.000
720	1.7273	0.382	0.238
730	.0000	0.400	0.000
740	.7500	0.654	0.000
750	1.2857	0.412	0.312
810	1.3273	0.185	0.402
820	.4583	0.127	0.481
830	1.1356	0.401	0.153
850	.6000		
860	1.0000		
871	.5490	0.350	0.413

Annex II-5, Set 2 (continued)

TABLE OF CONTENTS FOR COLUMNS

1	No. Beds Staffed on 9-30-72
2	No. Beds Can Staff With Present Nurse Personnel
3	No. Units - Normal FY 72 All Units
4	No. Units - Peak FY 72 All Units
5	Av. Daily Patient Census FY 72 - All Units
6	Av. No. Beds Occ./Day - All Units FY 72
7	Sept. 72 Daily Pat. Cens. - All Units
8	Sept. 72 Av. Daily Beds Occ. - All Units (Col(F))
9	No. Units - Normal FY 72 - Intens. Care
10	No. Units - Peak FY 72 - Intens. Care
11	Av. Daily Pat. Cens. FY 72 - Intens. Care U.
12	Av. No. Beds Occ./Day - Intens. Care U. FY 72
13	Sept. 72 Av. Daily P. Cens. - Intens. Care U. (Col(E))
14	Sept. 72 Av. Daily Beds Occ. - Intens. Care U.
15	No. Units - Normal FY 72 - Min./Intermed. Care
16	No. Units - Peak FY 72 - Min./Intermed. Care
17	Av. Daily Pat. Cens. FY 72 - Min./Intermed. Care U.
18	Sept. 72 Av. Daily Pat. Cens. - Min./Intermed. Care U.
19	Sept. 72 Av. Daily Beds Occ. - Min./Intermed. Care U.
20	Normal No. Operating Rooms FY 72
21	Normal No. Delivry. Rms. FY 72
22	Max. No. Operating Rooms FY 72
23	Max. No. Delivery Rooms FY 72
24	Total Admiss. FY 72
25	Total Births FY 72
26	Total Visits FY 72
27	Total MCCU FY 72
28	Total Bed Occ. Days FY 72
29	Certified Hospital Infections FY 72
30	Certif. Hosp. Infection Rate FY 72
31	Av. Length of Stay - All Patients FY 72
32	Total No. Dispos. - All Patients FY 72
33	Av. Length of Stay - All Gen. Surgx Patients FY 72
34	Total No. Dispos. - All Gen. Surgx. FY 72
35	Av. Length of Stay - Append. FY 72
36	Tot. No. Dispos. - Append. FY 72
37	Av. Length of Stay - Hernia FY 72
38	Tot. No. Dispos. FY 72 - Hernia
39	Av. Length of Stay - FY 72 - Cholelithiasis
40	Tot. No. Dispos. FY 72 - Cholelithiasis
41	Tot. No. Bed Occ. Days - Intens. Care U. Sept. 72
42	No. Bed Occ. Days - Min. Care U. Sept. 72
43	No. Bed Occ. Days - All Other Pat. Sept. 72
44	No. Rations in Wards on 9-27-72
45	No. Rations in Dining Rms. on 9-27-72
46	Tot. Rations Category (1, 2, or 3)
47	Tot. Patient Complaints - 10 Mos. In FY 72
48	Tot. Pat. Complaints Re. Care - 10 Mos. in 71-72
49	No. Unusual Occurrences - Sept. 72

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50 No. of M.D.'s (Physicians - Form DA 3604, 9-30-72)
51 ANC Strength 9-30-72
52 Civil Reg'd. Nurses 9-30-72
53 Enlisted Men in Nursg. Service 9-30-72
54 Civilian Non-Prof'l. Nursg. Staff 9-30-72
55 ANC Assigned 6-30-72 (Turnover)
56 Dept. Army Civ. R.N. Assigned as of 6-30-72 (T.O.)
57 ANC on PCS (Perm. Change Station) FY 72 (T.O.)
58 ANC Transf. During FY 72 (T.O.)
59 ANC Separated During FY 72 (T.O.)
60 Civ. R.N. Joined During FY 72 (T.O.)
61 Civ. R. N. Resigned or Discharged During FY 72
62 Tot. Nursg. Staff 4-30-72 (Sum of 4 Compts.)
63 Fraction of Patient Complaints Re. Quality
64 Ratio Max./Normal for Operating Rooms FY 72
65 Ratio Max./Normal for Deliv. Rms. FY 72
66 Ratio Tot. Nursg. Staff 9-30-72/Tot. MCCU FY 72
67 Ratio Beds Can Staff/Beds Staffed
68 Ratio Rations in Wards/No. in Dining Rms. 9-27-72
69 Mil./Civ. Staff Ratio 9-30-72
70 Officers/Enlisted Staff Ratio 9-30-72
71 Prof'l./Non-Prof'l. Staff Ratio 9-30-72
72 Military Turnover P.C. Rate FY 72
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74 Tot. Mil. + Civ. Turnover P.C. Rate FY 72
75 Percent Bed Occ. Days - Inc. Care/Tot. B.O.D. 9/72
76 Percent Bed Occ. Days - Min. Care/Tot. B.O.D. 9/72
77 Percent Bed Occ. Days - All Other/Tot. B.O.D. 9/72
78 Check Sum of Percents B.O.D. (To Add To 100 P.C.)
79 Total Admiss. Sept. 72
80 Total Births Sept. 72
81 Total Visits Sept. 72
82 Total MCCU Sept. 72
83 Total Bed Occ. Days Sept. 72
84 Av. Daily Beds Occ. - 10 Mos. 71-72
85 No. ANC (From OTSG Form DA 3604, 9-30-72)
86 Ratio ANC Str. 9-30-72/Daily Pat. Cens. FY 72
87 Ratio ANC Str. 9-30-72/Intens. Pat. Cens. FY 72
88 Ratio Tot. Nursg. Staff 9-30-72/Int. Pat. Cens. FY 72
89 Ratio Tot. Nursg. Staff 9-30-72/Av. Dly. Beds Occ. FY 72
90 Ratio ANC 9-30-72 (Form DA 3604)/Beds Staffed 9-30
91 Ratio No. M.D./ANC 9-30-72 (Form DA 3604)

DATA MATRIX OF MEDDACS IN COLUMNAR FORMAT

M.O.	ANC		CIV. REG. EML. MEN. NON-PRO		RATIO		RATIO		ANC		BEDS		ALL-UNIT		PEAK		AV DAILY		AV BEOS	
	STRENGTH	NURSES	9-30-72	9-30-72	CIV. MRS	HIL/CIV	OFF/ENL	PRO/NOII	9-30-72	9-30-72	9-30-72	9-72	STAFF	9-72	STAFF	FY72	ALL 72	ALL 72	ALL 72	ALL 72
50	51	52	53	54	55	69	70	71	85	1	2	3	4	5	6	7	8	9	10	11
011	389	189	111	473	252	1.8237	.3996	.6897	182	980	822	39	57	851	848					
020	287	153	122	399	136	2.1628	.3778	.7560	146	800	722	27	32	1090	705					
030	180	88	93	367	113	2.2087	.2398	.5687	89	1024	1140	14	18	717	481					
041	245	127	113	239	106	1.6712	.5314	1.0377	161	850	793	316	374	941	646					
051	172	127	81	251	132	1.7746	.5060	.6606	110	559	414	22	25	651	474					
052	9	7	9	37	0	4.8889	.1892	.9865	7	50	50	2	2	15	11					
061	274	127	54	321	78	3.3939	.3956	.8221	155	525	570	15	23	642	453					
070	60	89	48	209	85	2.2406	.4258	.3673	89	598	750	19	26	797	509					
080	94	100	42	226	102	2.2639	.4425	.9146	101	422	500	19	26	409	314					
110	32	23	13	87	2	7.3333	.2644	.5056	23	100	100	4	5	62	52					
210	48	40	25	114	15	3.8500	.351	.5659	40	116	137	8	16	240	126					
220	73	54	53	168	24	2.8831	.3214	.6563	69	334	284	300	300	271	130					
230	11	9	14	31	8	1.8182	.2903	.6410	9	25	20	13	0	165	16					
241	92	62	34	138	84	1.3245	.4493	.7162	60	535	434	18	20	404	404					
251	42	25	34	118	29	2.270	.2129	.5170	25	186	127	23	23	108	108					
260	50	34	34	122	10	3.5455	.2787	.6364	35	142	150	7	8	160	101					
270	30	19	18	75	1	2.1364	.2533	.4752	18	75	75	3	3	45	45					
280	40	22	25	76	28	2.3333	.2995	.6989	22	125	90	26	26	115	79					
290	37	33	20	77	19	2.8205	.4286	.6042	29	126	150	4	4	70	70					
301	127	73	83	212	46	2.2093	.3443	.8140	76	997	568	17	21	656	414					
320	45	58	31	186	65	2.5417	.3118	.3028	58	254	282	12	19	396	235					
330	29	20	17	38	70	1.2340	.5263	.6765	20	98	80	5	5	98	45					
340	72	47	71	153	101	1.1696	.3072	.5571	47	679	435	27	28	516	373					
350	40	13	6	40	15	2.5238	.3250	.8364	25	50	50	22	29	59	24					
360	24	12	16	62	19	2.1143	.1935	.4938	12	88	71	3	4	120	69					
370	18	8	26	24	21	.6809	.3333	.9778	7	40	40	3	3	35	25					
380	56	24	26	37	36	.9839	.6486	1.1233	25	75	125	36	38	139	65					
390	110	66	73	177	136	1.1722	.3842	.5847	71	546	315	3	3	473	304					
400	24	16	22	75	32	2.0222	.2133	.4694	16	100	100	3	3	84	48					
410	95	78	64	193	73	1.9781	.4041	.5977	78	339	335	17	18	485	353					
420	23	27	13	47	8	3.5238	.5745	.6545	24	85	72	4	4	26	26					
430	61	63	24	144	8	1.8482	.4375	.3664	74	378	520	20	23	340	217					
440	20	13	9	37	13	2.2727	.3514	.5800	14	40	40	2	3	38	20					
450	77	55	46	162	44	2.4111	.3395	.5971	55	285	285	7	7	390	257					
460	80	80	26	216	63	3.3258	.3704	.3799	78	450	335	19	26	456	320					
470	64	60	56	145	59	1.7826	.4138	.5882	60	344	350	13	13	384	253					
480	35	21	9	54	26	2.1429	.3889	.5500	21	106	78	4	4	71	42					
490	60	43	41	170	69	1.9364	.2529	.4226	50	261	261	11	14	330	197					
500	33	32	19	86	18	3.1892	.3721	.5000	36	110	100	4	4	74	56					
510	14	13	9	36	8	2.8824	.3611	.5227	13	60	60	3	3	77	40					
520	105	110	43	285	57	3.9500	.3860	.4327	110	440	555	15	29	471	330					
521	3	1	4	2	6	.3000	.5000	.8750	1	12	12	8	8	2	2					
530	4	2	4	26	1	5.6000	.0769	.2963	3	12	12	4	4	1	2					
540	10	6	8	35	8	2.5625	.1714	.4186	4	18	18	1	13	4	4					

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550	72	63	51	98	67	1,3644	.6429	.7455	63	300	300	10	10	162	162
561	27	24	7	80	0	14,8571	.3000	.4250	24	132	125	51	51	89	63
600		3	2	5	0	4,0000	.6000	.4000	0	10	10				
610	6	10	0	19	0	.0000	.5263	.3158	10	40	30	1	1	31	13
620	28	17	22	80	0	4,4091	.2125	.6250	16	100	60	4	4	59	47
630	45	22	25	194	0	8,6400	.1134	.3608	23	125	116	7	7	130	84
640	24	16	11	125	3	10,0714	.1280	.2734	16	60	60	2	2	46	40
650	16	13	7	37	0	7,1429	.3514	.6216	12			2	2	32	27
660	11	10	2	36	2	11,5000	.2778	.3421	11	35	35	24	24	4	16
670	108	52	71	344	0	5,5775	.1512	.5203	52	330	330	12	12	295	285
680	61	33	33	201	3	6,3611	.1393	.4608	28	175	150	10	10	141	119
690	93	54	43	250	2	7,0698	.2160	.5440	54	485	350	16	17	312	275
710	68	37	28	115	10	4,0000	.3217	.7680	37	272	245	7	7	201	192
720	38	21	24	201	1	6,0400	.1635	.4733	22	115	115	7	7	122	110
730		8	1	24	0	32,0000	.3333	.0417	0	19	65	1	1	6	6
740	18	15	1	24	0	39,0000	.6250	.7917	24	20	25			3	15
750	27	20	1	70	8	10,0000	.2857	.3590	21	60	40	20	38	24	20
810	219	164	63	319	122	2,6108	.5141	.6395	145	750	756	34	34	650	539
820	11	23	0	65	0	.0000	.3538	.1892	24	50	50	6	14	741	69
830	67	55	48	281	7	6,1091	.1957	.3993	59	350	305	6	10	276	253
850	9	14	0	35	0	.0000	.4000	.2571	15	35	35	8	8	135	135
860	5	5	0	16	0	.0000	.3125	.3125	5	15	15	1	1	181	12
871	28	39	0	90	0	.0000	.4333	.3111	51	130	130	14	14		

Annex II-6, Set 2A (continued)

AV DAILY AV BEDS I/C U. I/C U. AV DAILY AV BEDS AV DLY AV DLY AV DLY AV BEDS MI/C U. MI/C U. MI/C U. MI/C U. AV DLY AV BEDS OPERATE DELIVERY
 CENSUS OCC/DAY-NORMAL PEAK FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP
 ALL-SEPT ALL-SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP FY72 I/C 72 I/C SEPT I/C SEPT I/C SEP

	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
011	780	723	3	3	11	11	11	10	0	0	0	0	0	10	2
020	870	610	0	0	0	203	0	215	0	0	0	0	0	339	3
030	360	338	3	3	35	35	19	19	2	4	80	39	32	6	2
041	783	569	4	5	27	27	26	26	16	19	470	426	426	6	2
051	487	362	6	6	23	23	36	36	0	20	628	451	326	6	3
052	7	5	0	0	0	0	0	0	0	0	0	0	0	2	1
061	548	431	2	2	10	10	10	10	2	5	41	30	24	5	2
070	459	307	1	1	9	9	5	5	0	0	0	0	0	5	2
080	334	278	1	1	5	5	4	4	15	22	357	294	238	3	2
110	71	57	1	1	4	4	4	4	0	0	0	0	0	3	2
210	130	65	1	1	6	6	3	3	4	10	135	94	50	3	2
220	222	142	14	14	15	15	13	13	286	286	256	209	129	4	2
230	14	9	0	0	0	0	0	0	0	0	0	0	0	1	0
241	492	492	1	1	4	4	4	4	14	16	329	404	404	4	2
251	91	91	0	0	4	4	4	4	5	5	104	87	87	3	1
260	109	69	1	1	4	4	4	4	6	7	156	105	65	4	2
270	34	34	2	2	2	2	2	2	0	0	0	0	0	2	2
280	90	57	1	1	1	1	3	3	5	5	0	0	0	2	2
290	104	58	2	3	6	4	4	4	4	4	50	50	48	2	1
301	575	449	2	2	6	4	4	16	10	14	50	50	308	2	1
320	309	196	2	2	10	10	6	6	0	0	0	0	0	5	2
330	47	44	1	1	10	7	11	8	0	0	0	0	0	4	2
340	427	34	1	1	10	15	15	15	20	21	310	325	277	3	1
350	23	23	2	2	2	2	2	2	0	0	0	0	0	5	2
360	67	45	1	1	3	3	6	6	0	0	61	39	39	2	1
370	38	26	0	0	3	3	3	3	0	0	35	38	26	2	2
380	134	53	1	1	4	4	4	4	32	34	54	43	43	2	2
390	360	241	1	1	4	4	4	4	0	0	82	82	54	6	2
400	83	56	1	1	2	2	2	2	3	3	0	0	0	2	1
410	391	352	2	2	7	6	8	7	0	0	0	0	0	5	2
420	26	26	1	1	2	2	1	1	2	2	19	20	20	2	2
430	303	243	2	2	18	16	16	16	15	18	283	256	214	4	2
440	26	14	0	0	0	0	0	0	0	0	0	0	0	3	2
450	361	224	1	1	3	3	2	2	6	6	371	342	210	4	2
460	520	416	2	2	0	7	0	0	12	19	0	0	359	4	1
470	334	204	1	1	8	8	6	6	10	10	341	302	172	4	3
480	62	42	1	1	0	0	0	0	3	3	0	0	0	4	2
490	223	175	1	1	5	5	5	5	0	0	0	0	0	4	2
500	76	54	0	0	0	0	0	0	3	3	65	66	42	4	2
510	31	31	0	0	0	0	0	0	0	0	0	0	0	3	2
520	514	402	2	2	26	21	18	18	12	26	348	496	384	2	2
521	4	4	0	0	0	0	0	0	0	0	0	0	0	7	3
530	1	3	0	0	0	0	0	0	4	4	1	1	0	0	0
540	3	3	0	0	0	0	0	0	0	0	1	1	3	1	0
550	177	177	2	2	5	5	6	6	6	6	130	132	132	4	1
561	77	61	2	2	3	3	1	1	49	49	88	70	60	3	2
600	15	15	0	0	0	0	0	0	0	0	0	0	0	1	1
610	66	50	1	1	1	1	2	2	50	94	60	64	51	3	2
620	129	84	1	1	1	1	3	6	4	4	111	111	0	2	3
630	46	46	1	1	0	0	0	0	0	0	0	0	0	3	2
640	46	40	1	1	0	0	0	0	0	0	0	0	0	3	2

OPERATE	DELIVERY	TOTAL	TOTAL VISITS		TOTAL	BED OCC	BED OCC	BED OCC	BED OCC	FRAC OF	RATIO	B.O.D.	B.O.D.		
			ADMISS	BIRTHS										ADMISS	BIRTHS
ROOMS	ROOMS	MAX 72	MAX 72	FY72	FY72	MAX 72	MAX 72	MAX 72	MAX 72	MAX 72	MAX 72	MAX 72	MAX 72		
22	23	24	25	26	27	28	41	42	43	63	64	65	75		
IC/TOT	MIN/TOT	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS	DEL RMS		
011	10	2	15677	797	1004155	83186	310377	6997	4327	10637	.3571	1.0000	1.0000	31.8610	19.7031
020	14	3	15014	1300	816057	666106	258148	6444	3890	8006	.0000	1.0000	1.0000	35.2324	20.9951
030	8	3	19090	2173	858592	646358	176153	568	915	9172	.0000	1.3333	1.5000	5.3308	8.5875
041	7	3	13604	1233	634707	574680	235898	1327	1960	13774	.1557	1.1667	1.5000	7.7780	11.4882
051	6	3	14745	1613	916632	648184	173520	429	0	10571	.7769	1.0000	1.0000	3.9000	.0000
052	2	1	1602	130	37304	34368	5757	32	47	74	.0000	1.0000	1.0000	20.9150	30.7190
061	6	2	11142	808	562298	454300	165920	308	710	11923	.0638	1.2000	1.0000	2.3800	5.4864
070	5	2	4725	90	250124	297922	174735	162	444	444	.1159	1.0000	1.0000	26.7327	.0000
080	4	2	9804	909	578980	395893	115069	106	1054	7168	.4898	1.3333	1.0000	1.2728	12.6561
110	3	2	4070	249	135233	109500	19068	136	0	1560	.5000	1.0000	1.0000	8.0189	.0000
210	3	2	6394	585	233206	162790	47073	12	545	1393	.1379	1.0000	1.0000	.6154	27.9487
220	5	2	9004	1389	498235	306600	54988	393	2397	3870	.3864	1.2500	1.0000	5.9009	35.9910
230	1	0	787	0	104150	43460	4345	38	345	404	.0000	1.0000	1.0000	4.8285	43.8374
241	6	2	14823	1391	710312	521585	148019	330	14442	0	.9524	1.0000	1.0000	2.2340	97.7660
251	3	1	4742	659	287809	178485	38645	120	810	1800	.5714	1.0000	1.0000	4.3956	29.6703
260	4	2	4925	840	308632	186515	36787	108	0	1970	.0000	1.0000	1.0000	5.1973	.0000
270	2	2	2878	625	236910	127631	16528	55	0	938	.0000	1.0000	1.0000	5.5388	.0000
280	2	1	3768	501	274471	154088	29056	75	192	1432	.0000	1.0000	1.0000	4.4144	11.3308
290	3	2	4850	804	243736	160968	31307	1500	266	1766	.3182	1.5000	2.0000	42.6689	7.5311
301	6	2	18927	1144	856101	609048	151508	484	5049	7950	.0000	1.2000	1.0000	3.5897	37.4472
320	4	2	9614	712	362110	298471	86578	194	598	5485	.7059	1.0000	1.0000	3.0906	9.5268
330	3	1	2694	356	155533	93440	16447	266	963	175	.3333	1.0000	1.0000	18.9459	68.5897
340	5	2	19722	727	519533	516690	136638	453	3452	8895	.10000	1.0000	1.0000	3.5391	26.9768
350	3	1	1662	271	64730	47336	8587	76	0	619	.0000	1.0000	1.0000	8.2963	.0000
360	3	2	3043	476	116160	95257	25219	156	145	1062	.0000	1.0000	1.0000	11.4453	10.6363
370	2	2	1681	224	94078	56266	8992	1	16	9	.0000	1.0000	1.0000	3.8462	61.5385
380	2	2	5130	1055	338710	188124	23772	137	1463	0	.0000	1.0000	1.0000	8.5625	91.4375
390	6	2	11761	1738	594585	472312	111443	0	0	0	.0000	1.0000	1.0000	.0000	.0000
400	2	1	2705	293	165474	97208	17585	56	0	1634	.6154	1.0000	1.0000	3.3136	.0000
410	6	2	11680	2153	733655	382418	129111	510	11234	10563	.9852	1.2000	1.0000	2.2843	50.3609
420	3	2	2110	322	146091	77663	9516	48	733	0	.0000	1.0000	1.0000	6.1460	93.8540
430	4	2	13038	564	470094	356023	79571	476	727	6090	.3167	1.0000	1.0000	6.5268	9.97685
440	2	2	1401	243	53208	30215	7257	0	0	415	.0000	1.0000	1.0000	.0000	.0000
450	4	2	11627	2513	623242	422497	94124	59	6290	364	.4545	1.0000	1.0000	.8789	93.6988
460	4	1	16206	911	540451	450546	117167	213	685	11582	.4444	1.0000	1.0000	1.7067	5.4888
470	4	3	8097	1327	463690	326083	92736	180	768	5184	1.0000	1.0000	1.0000	2.9354	12.5245
480	4	2	2699	313	206665	107611	15491	100	256	873	.0000	1.0000	1.0000	8.1367	20.8299
490	5	4	9823	1465	410386	313051	77055	136	0	5110	.0000	1.2500	2.0000	2.5925	.0000
500	3	2	4017	622	136837	107817	20376	47	0	1734	.5909	1.0000	1.0000	2.6390	.0000
510	2	2	2055	320	124760	73642	12464	0	0	1667	.1667	1.0000	1.0000	.0000	.0000
520	7	3	23692	1167	1205712	550026	120501	496	3651	8923	.1916	1.0000	1.0000	3.7950	27.97342
521	0	0	177	0	9723	5412	725	147	68	510	.0000	1.0000	1.0000	20.2759	9.3793
530	1	1	267	0	14974	8012	850	30	91	0	.0000	1.0000	1.0000	24.7934	75.2066
540	1	1	418	72	28159	17754	1406	0	0	89	.0000	1.0000	1.0000	.0000	.0000
550	4	3	8838	1523	490399	306579	55869	310	120	4731	.7071	1.0000	3.0000	6.0066	2.3251
561	3	2	3025	757	97706	90030	22898	637	919	18	.0000	1.0000	1.0000	40.4701	58.3863
600															
610	1	1	1114	176	23744	30377	4794	5	327	0	.0000	1.0000	1.0000	1.5060	98.4940
620	3	2	2865	660	126880	90494	17180	60	0	1928	.0000	1.0000	1.0000	3.0181	.0000
630	4	3	6336	1201	294296	199618	35959	169	0	3149	1.0000	2.0000	1.0000	5.0934	.0000
640	3	2	3169	624	192003	110114	14583	0	0	1206	.7500	1.0000	1.0000	.0000	.0000

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650	2	2	1874	418	76228	55909	10120	14	0	974	.0000	2.0000	2.0000	1.4170	.0000
660	1	1	1332	247	34728	32104	5895	54	50	238	.0000	1.0000	1.0000	15.7895	14.6199
670	5	3	13689	2206	563491	432203	104206	300	0	7128	.5161	1.0000	1.0000	4.0388	.0000
680	3	2	6077	1383	306412	223065	48641	136	0	3149	.5625	1.0000	1.0000	4.0400	.0000
690	6	2	10839	1876	196180	286286	100282	570	7140	0	1.0000	1.0000	1.0000	7.3930	92.6070
710	3	2	7713	1556	231860	232003	69895	4486	1026	0	.3333	1.0000	1.0000	81.3861	18.6139
720	1	1	4693	996	193600	146068	31098	114	905	2985	.1429	1.0000	1.0000	2.8472	22.6024
730	1	1	546	63	21473	14717	2185	2	118	65	.0000	1.0000	1.0000	1.0811	63.7838
740	1	2	1009	240	33588	28095	5528	20	27	344	.0000	1.0000	1.0000	5.1151	6.9054
750	2	1	1449	254	80962	48670	7351	0	0	536	.0000	1.0000	1.0000	.0000	.0000
810	8	3	18791	3402	745571	627690	182028	1260	538	12862	.3380	1.0000	1.0000	8.5948	3.6498
820	5	2	1966	233	21940	53870	25298	70	75	416	.0000	1.0000	1.0000	12.4777	13.3690
830	4	2	10804	1791	296966	307800	92760	258	1981	4385	.0000	1.0000	1.0000	3.8949	29.9064
850	5	0	6729	0	106268	100803	1632	6	639	0	.0000	2.5000	.0000	.9302	99.0498
860	2	0	507	0	6524	66854	59826	444	222	222	.0000	2.5000	.0000	50.0000	25.0000
871	3	0	5688	95	88751	135232	51183				.0000	1.0000	.0000		

Annex II-6, Set 2A (continued)

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650	98,583	100.00	170	36	6142	4890	988	0	.7417	5.3	6.8	7.3	10.8	10.5	0
660	69,591	100.00	57	10	2165	1667	342	162	.0633	4.4	4.5	6.0	5.5	7.1	0
670	95,961	100.00	1000	188	44905	32700	7428	2721	.52	8.0	10.2	5.0	5.1	10.2	32
680	95,860	100.00	509	103	23279	16614	3510	1161	4.8	6.6	6.4	8.1	6.6	8.1	9
690	.000	100.00	772	156	25650	23687	6712	2671	1.4	9.4	10.8	16.6	8.8	13.1	1
710	.000	100.00	694	141	33982	23850	5317	1882	1.2	9.1	.0	.0	.0	.0	2
720	74,550	100.00	395	66	15543	12258	2985	831		6.6					1
730	35,135	100.00	46	4	1543	1148	185	1761	1.4778	5.9	4.6	5.0	6.0	8.0	1
740	87,980	100.00	93	17	2893	2359	391	1694	.0000	5.5	.4	7.0	6.0	1.0	0
750	100,000	100.00	95	13	7694	3925	536	193	.1174	723.4	165.9	25.7	20.9	18.6	0
810	87,735	100.00	1609	282	62474	51720	14660	4919	1.6	9.7	11.6	10.2	10.4	10.4	72
820	74,153	100.00	100	27	1541	2344	611	593	1.6371	12.9	15.4	6.5	7.2	10.5	0
830	66,199	100.00	807	140	21302	22405	6544	2503	.00	8.8	12.2	11.5	14.3	14.1	0
850	.000	100.00	116	0	2580	1955	21	0	.0000	7.3	7.3	.0	.0	.0	0
860	25,000	100.00	71	0	519	9741	8875	0	.0000	11.8					0
871			409	4	10974	10618	3196	1319	.0000	8.9					0

Annex II-6, Set 2A (continued)

650	3	0.637	0.000	17	1892	510	28	37	4	39	0	2	0	11	7
660	0	0.420	0.000	1	1332	350	11	21	5	21	0	1	0	10	1
670	8	0.343	0.799	72	13714	1900	188	220	65	156	447	1	62	51	64
680	10	0.316	0.344	375	7809	1099	45	100	137	265	28	1	16	29	29
690	5	0.204	0.439	106	11685	1024	86	221	52	156	50	1	1	57	43
710	4	0.151	1.000	156	7714	0	0	0	0	118	54	1	6	31	32
720	2	0.382	0.238	19	85	0	0	0	0	93	22	2	7	21	24
730	0	0.400	0.000	9	2185	958	6	4	2	8	0	1	0	8	0
740	0	0.654	0.000	0	1009	272	17	41	13	12	3	3	0	3	1
750	0	0.412	0.312	2	113	23	2	1	2	20	0	1	0	17	1
810	10	0.185	0.402	525	18820	2145	157	173	53	1086	241	3	213	152	67
820	2	0.127	0.481	36	1966	558	36	45	30	66	18	1	0	28	1
830	5	0.401	0.153	20	10425	19925	122	291	77	175	50	1	14	55	46
850	1			0	1631	630	0	0	0	11	0	1	4	4	0
860	0			0	507	0	0	0	0	27	0	3	5	5	4
871	1	0.350	0.413	0	5688										

Annex II-6, Set 2A (continued)

ANC ON	ANC	ANC	CIV R.O.N.	CIV R.O.N.	MIL.	CIV	MIL+CIV	TOTAL	NURSES/	BED CAN	RATIO	RATIO			
PCS	TRANS	SEPARATE	JOINED	RESIGN	RATION/	TURNROVR	TURNROVR	NURSES	MCCU	STAFF/	ANC STR/	NRS STF			
FY72	FY72	FY72	FY72	FY72	DIN RA.	RATE	RATE	9/30/72	FY72	BED STFF	PAT CEN	I/C CEN			
57	58	59	60	61	68	72	73	62	66	67	86	87			
011	99	57	58	42	52	1.0831	66.092	43.333	56.803	1025	.1233	.8388	.2221	17.1818	93.182
020	99	55	35	19	23	1.1853	57.325	19.008	40.648	816	.1225	.9025	.1404	.0000	.000
030	66	42	41	26	22	.7147	81.373	22.680	52.784	661	.1023	1.1133	.1227	2.5143	18.886
041	93	39	58			2.6593	72.388	.000	72.388	585	.1018	.9329	.1350	4.7037	21.667
051	86	46	20	12	21	1.1600	67.347	27.273	49.714	591	.0912	.7406	.1951	5.5217	25.696
052	4	3	4	1	2	.0000	116.667	22.222	60.000	53	.1542	1.0000	.4667	.0000	.000
061	120	76	50	1	23	5.8923	100.800	41.818	82.778	580	.1277	1.0857	.1978	12.7000	58.000
070	62	33	40	8	13	.9107	81.111	26.000	61.429	431	.1147	1.2542	.1117	9.8889	47.889
080	82	31	27	4	4	1.5917	54.206	9.091	41.060	470	.1187	1.1848	.2445	20.0000	94.000
110	16	8	3	3	6	14.0000	64.706	46.154	56.667	125	.1142	1.0000	.3710	5.7500	31.250
210	43	13	35	3	3	10.0000	133.333	21.429	102.000	194	.1192	1.1810	.1667	6.6667	32.333
220	12	8	14	15	2	.5532	34.921	4.651	22.642	299	.0975	.8503	.1993	3.6000	19.933
230	1	2	1	0	0	4.6667	37.500	.000	13.044	62	.1427	.8000	.0545	.0000	.000
241	52	30	18	56	53	2.2018	88.889	88.333	88.597	351	.0673	.8112	.1535	.0000	.000
251	15	12	4	4	6	3.6316	69.565	16.216	36.667	206	.1154	.6828	.2315	6.2500	51.500
260	22	8	9	13	10	28.0000	53.125	35.714	45.000	200	.1072	1.0563	.2125	8.5000	50.000
270	13	7	4	6	3	8.7308	61.111	15.790	37.838	138	.1125	1.0000	.4222	9.5000	69.000
280	17	5	13	9	0	1.3415	72.000	.000	34.615	140	.091	.7200	.1913	.0000	.000
290	32	14	13	3	4	8.6250	87.097	22.222	63.265	149	.0926	1.1905	.4714	5.5000	24.833
301	28	35	53	26	18	1.3483	112.821	71.687	65.839	414	.0680	.570	.1113	.0000	.000
320	35	16	18	14	4	3.557	68.000	12.903	46.914	340	.1139	1.1102	.1465	5.8000	34.000
330	12	10	8	2	2	.7703	112.500	11.765	60.606	105	.1124	.8163	.4167	2.0000	10.500
340	33	17	19	19	8	2.1135	76.596	11.594	37.931	371	.0718	.6406	.0911	3.1333	24.733
350	12	4	2	2	2	.0000	50.000	28.571	42.105	74	.1563	1.0000	.2203	6.5000	37.000
360	10	5	5	3	0	.6951	83.333	.000	35.714	109	.1144	.8068	.1000	4.0000	36.333
370	6	1	5	1	4	25.0000	75.000	14.815	28.571	79	.1404	1.0000	.2266	.0000	.000
380	15	18	2	7	6	9.6000	95.238	25.000	57.778	123	.0654	1.6667	.1727	6.0000	30.750
390	68	54	14	16	21	7.7407	87.180	30.435	60.544	454	.0961	.5769	.1438	.0000	.000
400	15	5	8	7	6	11.6667	86.667	30.000	54.286	136	.1399	1.0000	.1905	8.0000	68.000
410	69	36	22	6	13	.9686	86.567	23.636	58.197	408	.1067	.9882	.1608	11.1429	58.286
420	16	8	8	0	4	.0000	76.191	30.769	58.824	95	.1223	.8471	.10385	13.5000	47.500
430	53	31	18	8	5	6.5000	76.563	72.727	62.791	319	.0896	1.3751	.1853	3.5000	17.722
440	9	6	4	1	2	7.0000	76.923	22.222	54.546	72	.2303	1.0000	.3421	.0000	.000
450	43	16	19	28	25	6.1562	78.546	54.348	66.667	307	.0727	1.0000	.1410	18.3333	102.333
460	53	15	21	5	21	2.7339	49.315	105.000	61.290	385	.0851	.7444	.1754	.0000	.000
470	53	15	25	30	21	3.2667	72.727	41.177	57.547	320	.0981	1.0174	.1563	7.5000	40.000
480	6	7	4	7	9	.0000	64.706	100.000	76.923	110	.1022	.7358	.2958	.0000	.000
490	34	29	16	13	12	3.2222	109.756	30.769	71.250	323	.1000	1.0000	.1303	8.6000	64.600
500						2.9231	.000	.000	.000	155	.1438	.9091	.4324	.0000	.000
510	5	0	5	6	4	1.5385	31.250	36.364	33.333	66	.0896	1.0000	.1688	.0000	.000
520	64	41	41	15	15	12.1481	77.320	33.333	63.380	495	.0900	1.2614	.2335	4.2308	19.039
521	1	1	0	2	2	.0000	100.000	33.333	42.857	13	.2402	1.0000	.5000	.0000	.000
530	2	1	1	3	2	.0000	100.000	50.000	66.667	33	.4119	1.0000	2.0000	.0000	.000
540	4	2	2	1	1	.0000	64.667	12.500	35.714	57	.3211	1.0000	1.5000	.0000	.000
550	55	23	25	9	2	4.435	85.714	4.000	47.170	279	.0910	1.0000	.3889	12.6000	55.800
561	18	12	6	6	2	8.4375	69.231	28.571	60.606	111	.1233	.9470	.2697	8.0000	37.000
600						.0000	.000	.000	.000	10	.0000	1.0000	.0000	.0000	.000
610	7	10	0	0	0	13.0000	100.000	.000	100.000	29	.0955	.7500	.3226	.0000	.000
620	6	9	1	6	9	3.9167	83.333	50.000	63.333	119	.1315	.6000	.2881	17.0000	119.000
630	16	15	6	14	5	7.6923	116.667	23.810	66.667	241	.1207	.9280	.1692	.0000	.000
640	10	1	3	5	1	11.3333	25.000	12.500	20.833	155	.1408	1.0000	.3478	.0000	.000

650	3	3	0	8	.0000	27,273	114,286	61,111	57	.1020	1,0000	.4063	.0000
660	6	6	0	2	.0000	60,000	200,000	72,727	50	.1557	1,0000	2,5000	.0000
670	27	34	10	42	.3490	86,275	65,625	74,783	467	.1081	1,0000	.1763	4,7273
680	17	11	5	22	9,4643	55,172	75,862	65,517	265	.1188	.8571	.1986	5,6000
690	24	28	4	26	3,1200	56,140	60,465	58,000	347	.1212	.7216	.1731	3,1765
710	20	25	10	28	2,1852	112,903	87,500	100,000	190	.0819	.9007	.1841	.0000
720	10	2	5	6	4,2273	33,333	25,000	28,889	176	.1205	1,0000	.1721	4,2000
730	2	3	0	1	.0000	37,500	.000	50,000	33	.2242	3,4211	1,3333	.0000
740	9	7	0	2	4,0000	233,333	200,000	225,000	40	.1424	1,2500	5,0000	.0000
750	7	5	4	1	.0000	52,941	.000	50,000	99	.2034	.6667	.8333	.0000
810	72	88	35	5	4,5062	80,921	7,463	58,448	668	.1064	1,0080	.2492	3,9048
820	22	24	34	7	3,6667	207,143	600,000	220,690	88	.1634	1,0000	.0310	.2875
830	24	18	2	44	3,5000	36,364	95,652	63,366	391	.1270	.8714	.1993	1,1458
850	4	25	0	0	.0000	625,000	.000	625,000	49	.0486	1,0000	.1037	.0000
860	4	2	2	0	.0000	80,000	.000	44,444	21	.0314	1,0000	.0276	.8333
871									129	.0954	1,0000	.0000	.0000

Annex II-6, Set 2A (continued)

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RATIO' RATIO RATIO
 NRS-STF/ ANC-DA-MD-7AN
 BED OCC 3604/8BEDS A3604
 89 90 91

011	1.2087	.1857	2.1374
020	1.1574	.1825	1.9658
030	1.3742	.0869	2.0225
041	.9056	.1894	1.5217
051	1.2468	.1968	1.5636
052	4.8182	.1400	1.2857
061	1.2804	.2952	1.7677
070	.8468	.1488	.6742
080	1.4968	.2393	.9307
110	2.4038	.2360	1.3913
210	1.5397	.3448	1.2000
220	2.3000	.2066	1.0580
230	3.8750	.3600	1.2222
241	.8688	.1121	1.5333
251	1.9074	.1344	1.6800
260	1.9802	.2465	1.4286
270	3.0667	.2400	1.6667
280	1.7722	.1760	1.8182
290	2.2286	.2302	1.3103
301	1.0000	.0762	1.6711
320	1.4468	.2283	.7759
330	2.3333	.2041	1.4500
340	.9946	.0692	1.5319
350	3.0833	.5000	1.6000
360	1.5797	.1364	2.0000
370	3.1600	.1750	2.5714
380	1.8923	.3333	2.2400
390	1.4934	.1300	1.5493
400	2.8333	.1600	1.5000
410	1.1558	.2301	1.2179
420	3.6538	.2824	.9583
430	1.4700	.1958	.8243
440	3.6000	.3500	1.4286
450	1.1946	.1930	1.4000
460	1.2031	.1733	1.0256
470	1.2648	.1744	1.0667
480	2.6190	.1981	1.6667
490	1.6396	.1916	1.2000
500	2.7679	.3273	.9167
510	1.6500	.2167	1.0769
520	1.5000	.2500	.9545
521	6.5000	.0833	3.0000
530	16.5000	.2500	1.3333
540	14.2500	.2222	2.5000
550	1.7222	.2100	1.1429
561	1.7619	.1818	1.1250
600	.0000	.0000	.0000
610	2.2308	.2500	.6000
620	2.5319	.1600	1.7500
630	2.8690	.1840	1.9565
640	3.8750	.2667	1.5000

(11-5)-13

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650	2.1111		1.3333
660	3.1250	.3143	1.0000
670	1.6386	.1576	2.0769
680	2.2269	.1600	2.1786
690	1.2618	.1113	1.7222
710	.9896	.1360	1.8378
720	1.6000	.1913	1.7273
730	5.5000	.0000	.0000
740	2.6667	1.2000	.7500
750	4.9500	.3500	1.2857
810	1.2393	.2200	1.3273
820	1.2754	.4800	.4583
830	1.5455	.1686	1.1356
850	.3630	.4286	.6000
860	1.7500	.3333	1.0000
871	.0000	.3923	.5490

Annex II-6, Set 2A (continued)

TABLE OF CONTENTS FOR COLUMNS

1	No. Beds Staffed on 9-30-72
2	No. Beds Can Staff With Present Nurse Personnel
3	No. Units - Normal FY 72 All Units
4	No. Units - Peak FY 72 All Units
5	Av. Daily Patient Census FY 72 - All Units
6	Av. No. Beds Occ./Day - All Units FY 72
7	Sept. 72 Daily Pat. Cens. - All Units
8	Sept. 72 Av. Daily Beds Occ. - All Units (Col(F))
9	No. Units - Normal FY 72 - Intens. Care
10	No. Units - Peak FY 72 - Intens. Care
11	Av. Daily Pat. Cens. FY 72 - Intens. Care U.
12	Av. No. Beds Occ./Day - Intens. Care U. FY 72
13	Sept. 72 Av. Daily P. Cens. - Intens. Care U. (Col(E))
14	Sept. 72 Av. Daily Beds Occ. - Intens. Care U.
15	No. Units - Normal FY 72 - Min./Intermed. Care
16	No. Units - Peak FY 72 - Min./Intermed. Care
17	Av. Daily Pat. Cens. FY 72 - Min./Intermed. Care U.
18	Sept. 72 Av. Daily Pat. Cens. - Min./Intermed. Care U.
19	Sept. 72 Av. Daily Beds Occ. - Min./Intermed. Care U.
20	Normal No. Operating Rooms FY 72
21	Normal No. Delivry. Rms. FY 72
22	Max. No. Operating Rooms FY 72
23	Max. No. Delivery Rooms FY 72
24	Total <u>Admiss.</u> FY 72
25	Total Births FY 72
26	Total Visits FY 72
27	Total MCCU FY 72
28	Total Bed Occ. Days FY 72
29	Certified Hospital Infections FY 72
30	Certif. Hosp. Infection Rate FY 72
31	Av. Length of Stay - All Patients FY 72
32	Total No. Dispos. - All Patients FY 72
33	Av. Length of Stay - All Gen. Surg. Patients FY 72
34	Total No. Dispos. - All Gen. Surg. FY 72
35	Av. Length of Stay - Append. FY 72
36	Tot. No. Dispos. - Append. FY 72
37	Av. Length of Stay - Hernia FY 72
38	Tot. No. Dispos. FY 72 - Hernia
39	Av. Length of Stay - FY 72 - Cholelithiasis
40	Tot. No. Dispos. FY 72 - Cholelithiasis
41	Tot. No. Bed Occ. Days - Intens. Care U. Sept. 72
42	No. Bed Occ. Days - Min. Care U. Sept. 72
43	No. Bed Occ. Days - All Other Pat. Sept. 72
44	No. Rations in Wards on 9-27-72
45	No. Rations in Dining Rms. on 9-27-72
46	Tot. Rations Category (1, 2, or 3)
47	Tot. Patient Complaints - 10 Mos. In FY 72
48	Tot. Pat. Complaints Re. Care - 10 Mos. in 71-72
49	No. Unusual Occurrences - Sept. 72

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50 No. of M.D.'s (Physicians - Form DA 3604, 9-30-72)
51 ANC Strength 9-30-72
52 Civil Reg'd. Nurses 9-30-72
53 Enlisted Men in Nursg. Service 9-30-72
54 Civilian Non-Prof. Nursg. Staff 9-30-72
55 ANC Assigned 6-30-72 (Turnover)
56 Dept. Army Civ. R.N. Assigned as of 6-30-72 (T.O.)
57 ANC on PCS (Perm. Change Station) FY 72 (T.O.)
58 ANC Transf. During FY 72 (T.O.)
59 ANC Separated During FY 72 (T.O.)
60 Civ. R.N. Joined During FY 72 (T.O.)
61 Civ. R. N. Resigned or Discharged During FY 72
62 Tot. Nursg. Staff 4-30-72 (Sum of 4 Compts.)
63 Fraction of Patient Complaints Re. Quality
64 Ratio Max./Normal for Operating Rooms FY 72
65 Ratio Max./Normal for Deliv. Rms. FY 72
66 Ratio Tot. Nursg. Staff 9-30-72/Tot. MCCU FY 72
67 Ratio Beds Can Staff/Beds Staffed
68 Ratio Rations in Wards/No. in Dining Rms. 9-27-72
69 Mil./Civ. Staff Ratio 9-30-72
70 Officers/Enlisted Staff Ratio 9-30-72
71 Prof./Non-Prof. Staff Ratio 9-30-72
72 Military Turnover P.C. Rate FY 72
73 Civ. Turnover P.C. Rate FY 72
74 Tot. Mil. + Civ. Turnover P.C. Rate FY 72
75 Percent Bed Occ. Days - Int. Care/Tot. B.O.D. 9/72
76 Percent Bed Occ. Days Min. Care/Tot. B.O.D. 9/72
77 Percent Bed Occ. Days - All Other/Tot. B.O.D. 9/72
78 Check Sum of Percents B.O.D. (To Add To 100 P.C.)
79 Total Admiss. Sept. 72
80 Total Births Sept. 72
81 Total Visits Sept. 72
82 Total MCCU Sept. 72
83 Total Bed Occ. Days Sept. 72
84 Av. Daily Beds Occ. - 10 Mos. 71-72
85 No. ANC (From OTSG Form DA 3604, 9-30-72)
86 Ratio ANC Str. 9-30-72/Daily Pat. Cens. FY 72
87 Ratio ANC Str. 9-30-72/Intens. Pat. Cens. FY 72
88 Ratio Tot. Nursg. Staff 9-30-72/Int. Pat. Cens. FY 72
89 Ratio Tot. Nursg. Staff 9-30-72/Av. Dly. Beds Occ. FY 72
90 Ratio ANC 9-30-72 (Form DA 3604)/Beds Staffed 9-30
91 Ratio No. M.D./ANC 9-30-72 (Form DA 3604)

Annex II-7

Instruments Used to Obtain Survey Data:

Army Nurse Corps Worldwide
Questionnaire (ANCWWQ)

Survey of Nursing Personnel:
Sections A, B, C, D

114 Blank



05650

Army Nurse Corps Officer
World-wide Questionnaire

Conducted by

Technical Analysis Division
National Bureau of Standards
Washington, D.C. 20234

For

Office of The Surgeon General
Department of the Army
Washington, D.C. 20314






DEPARTMENT OF THE ARMY
OFFICE OF THE SURGEON GENERAL
WASHINGTON, D.C. 20314

Dear Nurse Corps Officer:

In the spring issue of the U.S. Army Medical Department Newsletter, I spoke briefly about the importance of the Army Nurse Corps Structure Analysis and Program Planning Studies which have been developed over the past few years. Data obtained from various portions of this project will serve as a foundation for future planning and proposed change relative to the Corps.

The Army Nurse Corps Officers World-Wide Questionnaire which follows offers the opportunity for your individual contribution to this effort. Thoughtful and accurate answers will assure that your views and opinions are reflected in the data summaries that we receive.

All information in the survey instrument will be handled by the National Bureau of Standards to maintain the anonymity of each individual officer. This important feature of the study is to permit you to answer all questions freely and honestly. This questionnaire is your opportunity to make your views known and in doing this each of you will be taking an active part in assisting the Army Nurse Corps in its future planning.


LILLIAN DUNLAP
Brigadier General, ANC
Chief, Army Nurse Corps

FOREWORD

The Office of The Surgeon General needs the benefit of your experience, professional judgment, and your fresh and up-to-date opinions in its efforts to improve Army health care. You and all other Army nurses are being asked to complete this questionnaire because the Surgeon General cannot get this kind of information from regular reports.

Answer freely, saying whatever you think. To protect your identity and insure that your answers will be treated confidentially, the Surgeon General has asked the National Bureau of Standards to conduct this survey. The National Bureau of Standards will report only on the accumulated data and will not release to the Army or any other government agency either your individual questionnaire or the computer tapes from which individual answers could be retrieved.

Your answers will help us to determine --

(1) What characterizes you -- your background, training, experience, and personal and family responsibilities which help form the perspectives you and other nurses have;

(2) The range and kinds of tasks that you actually perform; whether or not you think nurses should be doing them; and how best to provide training for the kinds of duties and nursing positions that are realistically needed for the future;

(3) How you feel about housing, pay and allowances, fringe benefits, benefits for dependents, career planning, and how often you would like to be reassigned;

(4) How you feel about some proposals concerning married nurses, dependents, education, and other aspects of Army life that may affect your personal life; and

(5) What changes are necessary in laws, regulations, organization, programs, education, and other training concepts in order to provide the best nursing care today and in the future.

You will find that not all questions apply to you because the questionnaire was designed for the entire Army Nurse Corps -- from the newest officer to the most senior. If you feel that a question does not apply to you, please put "9"s in the spaces provided for your answer.

Two Important Points

(1) You will be taking an active part in defining the role of the Army Nurse Corps Officer; in determining the structure of the Corps; and in developing programs that will benefit ANC Officers, Army nursing personnel, and patients entrusted to your care. Your opinion is important.

(2) The answers you give are for OFFICIAL RESEARCH PURPOSES ONLY. Your individual questionnaire is to be mailed directly by you to the National Bureau of Standards and will be seen only by National Bureau of Standards researchers. The questionnaires will remain at the National Bureau of Standards until they are destroyed: THESE QUESTIONNAIRES -- AS WELL AS COMPUTER TAPES FROM WHICH INDIVIDUAL ANSWERS COULD BE RETRIEVED -- WILL NOT BE RELEASED TO THE DEPARTMENT OF THE ARMY OR ANY OTHER GOVERNMENT AGENCY.

Thank you, in advance, for your time, effort, and the inconvenience of filling out this very important questionnaire.

SOME THINGS TO REMEMBER AS YOU
ANSWER THIS QUESTIONNAIRE

ANSWER about only your own military and personal background, duties, and opinions as an Army Nurse Corps officer. Mostly the items in the questionnaire ask you to write in a particular space the number of the answer that most closely applies to you or your ideas. If none of the answers provided is exactly right for you, then pick one that best describes what you do or how you feel.

TELL US HOW YOU FEEL. Do not choose an answer because you think the Army might want you to say that. On YOUR questionnaire, we are interested in YOUR answers, opinions, comments and judgments.

DO YOU HAVE YOUR DA FORM 66? Before you begin to fill out this questionnaire, you should have in hand your official DA Form 66. Please use it to look up answers as you may need help in remembering. If it isn't up to date, then answer with the best information you can recall. A staff assistant will be in the room to help when you are filling in the questionnaire. Ask him to help you interpret questions that may be unclear.

IF YOU ARE IN A NEW DUTY STATION and have been in your present assignment less than 30 days when you receive this questionnaire, use your immediate past assignment as the reference for questions that ask about your "present" unit or assignment. However, use your present assignment if your last assignment was basic training.

If you are on TDY from your home unit, answer the questions about your "present" unit in terms of your home unit. If you are in a staff position, answer only those questions about patient care and the hospital setting that you can answer from your experience; do not answer questions pertaining specifically to a present assignment in a hospital or treatment facility.

COMMENTS PLEASE! We invite your comments or questions about the questionnaire, but because your answers to individual questions will be machine processed, anything else you might write on the form itself would be lost. Use the tearout blank pages in the back of the questionnaire (pages 51 and 52) for your comments. Keep these pages alongside your booklet and write on them any comments you may wish to make as you go through the questionnaire. Ask for additional pages if you want them. Please be certain to show the number of the question you are commenting about.

DO NOT WRITE IN THE LEFT-HAND MARGINS OF THE QUESTIONNAIRE ITSELF: You will confuse the key punch operators if you do so. If there are any terms that are unclear, please ask the staff member who has been assigned to help you.

Examples

Multiple Choice Questions:

A majority of the questions ask you to choose the "best fit" answer from a list of possibilities and then to write the number of your choice in an answer space. The following example assumes you are now serving in the grade of Captain.

1/11 ___ What is your current active duty grade?
 1 = Second Lieutenant
 2 = First Lieutenant
 3 = Captain
 4 = Major
 5 = Lieutenant Colonel
 6 = Colonel
 7 = Brigadier General

Unless you are specifically asked to do otherwise, as in the next example, please write the number of the answer you choose in the space given.

Direct Answer Questions: Some questions ask you to put your information directly in the answer space; for example, the number of years you have been in active military service. If there are more blank spaces than your answer will fill, always put your answers as far to the right as possible and fill the other blank spaces with zeros. For example, if your answer to the following questions were "2 years and 10 months", and you rounded it to the nearest year, you would fill in:

1/23
 years How many years of active military service do you have for pay purposes? (Include enlisted, officer and creditable reserve time. Count actual completed years, not your present longevity increment. DA Form 66, item 12.)

The numbering system appearing alongside the blanks is adapted to IBM data cards for the convenience of key punchers. The first number is for the card on which your answers will be punched, and the number to the right of the slash (/) gives the correct column that will be used on the 80-column card.

PLEASE

PRINT IN BLOCK STYLE AND PUT ONLY ONE DIGIT IN EACH SPACE. When your responses are machine processed they must be clear and legible for the key punch operator.

ENTER "9"s IN THE SPACES PROVIDED IF THE QUESTION DOES NOT APPLY TO YOU

REMEMBER: THIS IS A QUESTIONNAIRE--NOT A TEST.

We want your answers, so please do not discuss the questions with other Army nurses until you have all completed the questionnaires and mailed them.

PERSONAL HISTORY

1/08 In what year were you born (last 2 digits)?
year (Last
2 digits)

1/10 What sex are you?

- 1 = Male
- 2 = Female

1/11 What is your current active duty grade?

- 1 = Second Lieutenant
- 2 = First Lieutenant
- 3 = Captain
- 4 = Major
- 5 = Lieutenant Colonel
- 6 = Colonel
- 7 = Brigadier General

1/12 Are you a Regular Army (RA) Officer or a Reserve (USAR) Officer?

- 1 = Regular Army
- 2 = Reserve

THE FOLLOWING DATA CAN USUALLY BE FOUND ON DA FORM 66. NUMBERS OF ITEMS ON THE DA 66 ARE SHOWN IN PARENTHESES AFTER EACH QUESTION TO HELP YOU FIND THE INFORMATION WE NEED. IF YOU NEED FURTHER HELP, BE SURE TO ASK STAFF MEMBER ADMINISTERING THIS QUESTIONNAIRE.

Please give the date (month and year) for the following:

- 1/13 ___ ___ ___ ___
month year
 (last 2
 digits)
- What is your RA or USAR Date of Rank (often called Permanent Date of Rank)? (On your DA Form 66, item 12, this will be the last entry preceded by RA or USAR.)
- 1/17 ___ ___ ___ ___
month year
 (last 2
 digits)
- What is your AUS Date of Rank (often called Temporary Date of Rank)? (On your DA Form 66, item 12, this will be the last entry with an AUS prefix.)
- 1/21 ___ ___
years
- How many years of active federal military service do you have? (Include enlisted officer time. Count service 6 months or longer as a full year. DA Form 66, item 12.)
- 1/23 ___ ___
years
- How many years of active military service do you have for pay purposes? (Include enlisted, officer and creditable reserve time. Count actual completed years, not your present longevity increment. DA Form 66, item 12.)
- 1/25 ___ ___
years
- How many years of active federal military service do you have as a commissioned officer? (Count service 6 months or longer as a full year. DA Form 66, item 12.)

IF YOU ARE A REGULAR ARMY OFFICER ANSWER THESE 5 QUESTIONS. IF YOU ARE NOT AND HAVE NEVER BEEN A REGULAR ARMY OFFICER, ENTER "99" or "9" IN THE NEXT 5 QUESTION SPACES AND GO ON TO THE NEXT PAGE.

1/27 ___ ___
 years

How many years of actual service do you have as a Regular Army Officer? Count service 6 months or longer as a full year; exclude constructive credit.

1/29 ___ ___
 year (Last
 2 digits)

What is your Basic Date of Appointment as a Regular Army Officer? Enter the last 2 digits of the year. (DA Form 66, item 12).

1/31 ___

What is your Regular Army grade?

- 1 = Second Lieutenant
- 2 = First Lieutenant
- 3 = Captain
- 4 = Major
- 5 = Lieutenant Colonel
- 6 = Colonel
- 9 = Does not apply now because I am not now a member of the Regular Army.

1/32 ___

If you became a Regular Army officer after entering the ANC, what was your USAR grade (your permanent grade) at the time?

- 1 = Second Lieutenant
- 2 = First Lieutenant
- 3 = Captain
- 4 = Major
- 5 = Lieutenant Colonel
- 6 = Colonel

1/33 ___ ___
 years

If you became a Regular Army officer, how many years of active duty commissioned service had you completed at the time? Put the number of years in the spaces.

IF YOU ARE A RESERVE OFFICER ANSWER THESE TWO QUESTIONS. IF YOU ARE A REGULAR ARMY OFFICER, ENTER "9"s IN THE NEXT TWO QUESTION SPACES AND GO ON TO QUESTION 1/37.

1/35 — What is your USAR (permanent) grade?

- 1 = Second Lieutenant
- 2 = First Lieutenant
- 3 = Captain
- 4 = Major
- 5 = Lieutenant Colonel
- 6 = Colonel
- 9 = Does not apply

1/36 — If you are not a Regular Army officer, are you qualified to become a Regular Army officer in the Army Nurse Corps?

- 1 = Yes
- 2 = No
- 8 = Don't know
- 9 = Does not apply

EVERYBODY ANSWER.

1/37 — Have you been nominated to become a member of the regular Army? (the select ANC opportunity).

- 1 = I was offered the opportunity and I became a member of the Regular Army.
- 2 = I was offered the opportunity but did not accept.
- 3 = I have not been offered the opportunity, but I would accept if it were offered to me.
- 4 = I have not been offered the opportunity, and I would not accept if it were offered to me.
- 5 = I have not been offered the opportunity but I am a member of the Regular Army.

1/38 —

Have you ever applied for a commission as an officer in the Regular Army?

- 1 = I applied and I am a member of the Regular Army.
- 2 = I have applied; my application is pending.
- 3 = I applied but was not accepted because of age.
- 4 = I applied, but was not accepted because of a physical limitation.
- 5 = I applied, but was not accepted for other reasons.
- 6 = I have not applied although I might be eligible.
- 7 = I have not applied; I am ineligible because of age.
- 8 = I have not applied; I am ineligible because of a physical limitation.
- 9 = None of the above applies to me.

1/39

— — —
month year
(last 2
digits)

When does your current service agreement terminate (DA Form 66, item 13)? If you are Regular Army or on indefinite extension, enter "9 9 9 9".

1/43 —

If you are now serving a tour of duty as an Army Nurse Corps officer that extends beyond your initial obligated tour, for how long did you agree to extend your services? (DA Form 66, item 13)

- 1 = Regular Army, indefinite extension
- 2 = Reserve, indefinite extension
- 3 = 1 to 6 mos.
- 4 = 7 to 12 mos.
- 9 = I have not extended beyond my initial obligated tour

1/44

— — —
year
(last 2
digits)

If you have a service obligation as a result of military or civilian schooling, when will you complete this obligation? Write the year in the answer space. (DA Form 66, items 13 and 16). If this question does not apply to you, enter "99".

1/46 ___

Since you were commissioned and completed basic training, have you ever incurred a service obligation as a result of Army sponsored Long Term Civilian Education? (assignment or courses lasting 20 weeks or more at civilian schools) (DA Form 66, item 16)

- 1 = Yes
- 2 = No

1/47 ___ ___
month year
departure

If you, as a commissioned officer in the ANC, have ever left the service and returned, please write in the month and year of your departure and return.

1/51 ___ ___
month year
return

If this kind of separation appeared more than once, answer for the most recent time. Obtain dates from DA-66 (item 18). Enter "9"s in all the spaces if the question does not apply to you.

1/55 ___

How did you obtain your original commission?

- 1 = Army Student Nurse Program (ASNP):
Diploma Program
- 2 = Army Student Nurse Program (ASNP):
Degree Program
- 3 = Walter Reed Army Institute of Nursing
(WRAIN)
- 4 = Registered Nurse Student Program
(RNSP): Degree Program
- 5 = Direct Appointment from civilian status
- 6 = Interservice transfer
- 7 = Other

1/56 ___

How many different jobs (ANC duty assignments) have you had during the last 12 months? Include changes from one duty station to another, from ward to ward, service to service, or jobs within a ward or service, but not shift changes. Exclude student status and basic training, (DA Form 66, item 18).

- 0 = none
- 1 = one
- 2 = two
- 3 = three
- 4 = four
- 5 = five or more

1/57 —

How many Permanent Changes of Station (PCS moves) have you made since September 1967 or since you reported to your first duty station if that was after September 1967? Do not include the move from basic training to your first duty station (DA Form 66, item 18).

- 0 = none
- 1 = one
- 2 = two
- 3 = three
- 4 = four
- 5 = five or more

1/58 —

How many temporary duty assignments (TDY), excluding basic training and conferences, have you had since September 1967 (DA Form 66, item 18)?

- 0 = none
- 1 = one
- 2 = two
- 3 = three
- 4 = four
- 5 = five or more

1/59

months

How many months have you been assigned to your present organization? If you have been assigned to your present organization for less than one month, disregard the earlier instruction to answer on the basis of your last assignment and put "0 0 0" in the spaces provided (DA Form 66, item 18).

1/62 —

If you have been assigned to your present organization less than one month and you are using your last assignment as the basis for answers about your assignment, what was the geographic area of your last assignment? If you just completed basic training or long term civilian schooling within the last month put "9" in the answer space.

- 1 = First Army Area
- 2 = Third Army Area
- 3 = Fifth Army Area
- 4 = Sixth Army Area
- 5 = Military District of Washington
- 6 = Asia/Pacific
- 7 = Europe
- 8 = Middle East/Africa
- 9 = Does not apply

1/63 —

Including your present assignment, have you ever served in a Class II hospital?

- 1 = Yes
- 2 = No
- 3 = Don't know

IF YOU ARE ASSIGNED TO A HOSPITAL OR CLINIC COMPLETE NEXT PAGE. IF YOU ARE NOT ASSIGNED TO A HOSPITAL OR CLINIC ENTER "999" IN ALL THE BLANK SPACES ON THE NEXT PAGE.

ACTUALLY SPENT

Read all eight types of duties listed on the next page.

Decide which ones you have done in your present assignment.

From the choices given in the box on the next page, estimate about how many hours and minutes were actually spent on each kind of work in an average day.

Enter the estimated time in the column headed, "Actually Spent" for each type of duty. The total time for all eight items should not exceed 8 hours.

If you wish to comment or explain, use your comment sheets.

THAT SHOULD BE SPENT

Tell us about how much of your time you think you should be spending on each kind of duty in an average day.

Enter the time in hours and minutes in the column headed "That Should Be Spent" for each type of duty. The total time for all eight items should not exceed 8 hours.

Use your comment sheets if you wish to comment or explain your choices.

<u>Actually Spent</u>		<u>That Should Be Spent</u>		
<u>Hrs.</u>	<u>Min.</u>	<u>Hrs.</u>	<u>Min.</u>	
1/64	— — —	— — —	— — —	teaching duties related to inservice education programs and on-the-job training for nursing personnel
1/70	— — —	— — —	— — —	direct patient care that requires my skills and knowledge, including patient education and counseling
1/76	<u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u>			
2/08	— — —	— — —	— — —	duties related to patient care, including supervision and record keeping, that require my skills and knowledge
2/14	— — —	— — —	— — —	patient care and related duties that could more appropriately have been performed by a doctor or other Army Medical Department officer
2/20	— — —	— — —	— — —	patient care and related duties that could more appropriately have been performed by MOS 91C enlisted clinical nursing specialists or licensed practical nurses
2/26	— — —	— — —	— — —	patient care and related duties that could more appropriately have been performed by enlisted or civilian non-professional nursing personnel other than MOS 91C or licensed practical nurses
2/32	— — —	— — —	— — —	administrative or management duties that could have been performed by officers other than ANC, wardmasters and/or ward clerks
2/38	— — —	— — —	— — —	all other duties that could have been performed by non-nursing personnel (escort service, pick-up & delivery, housecleaning, etc.)

On this and the next page you are asked four questions about each of 29 tasks that are or might sometimes be performed by nurses - either as normal duties, under emergency conditions, special programs, or new proposals. For questions A, B, C and D on this page write your answer in Column A, B, C, and D for each task. For questions C and D assume that laws and regulations permit you to perform any task listed. These questions concern proposals on which we need to have your professional opinion. The answers to all four questions are either "Yes" or "No". A "Yes" answer is always "1" and a "No" is always "2".

- | |
|--|
| <p><u>A</u> Have you <u>ever</u> performed or assisted in this task?</p> <p><u>B</u> Are you <u>competent</u> to perform this task?</p> <p><u>C</u> Would you <u>object</u> to carrying out this task as a normal part of your duties, assuming you were trained for it?</p> <p><u>D</u> Do you feel this task is one that a nurse <u>should</u> do?</p> |
|--|

1 = Yes
2 = No

	A	B	C	D	
2/44	—	—	—	—	In advance of doctor's initial visit independently order and sign requests for diagnostic procedures, e.g., X-rays, blood tests, etc. for patients
2/48	—	—	—	—	Start I.V. infusion of blood or blood derivatives.
2/52	—	—	—	—	Do venipuncture for infusion of solutions other than blood or blood derivatives.
2/56	—	—	—	—	Do venipuncture for diagnostic blood studies or therapeutic procedures.
2/60	—	—	—	—	Do arterial punctures for diagnostic blood studies or therapeutic procedures.
2/64	—	—	—	—	Start hypodermoclysis.
2/68	—	—	—	—	Do nasogastric intubations.
2/72	—	—	—	—	Do obstetrical vaginal examinations.
2/76	—	—	—	—	Perform gynecological vaginal examinations.
2/80	<u>9</u>	—	—	—	
3/08	—	—	—	—	Prepare and administer fractional doses of medication, including narcotics.
3/12	—	—	—	—	Perform bone marrow biopsies.

- A Have you ever performed or assisted in this task?
- B Are you competent to perform this task?
- C Would you object to carrying out this task as a normal part of your duties, assuming you were trained for it?
- D Do you feel this task is one that a nurse should do?

1 = Yes

2 = No

	A	B	C	D	
3/16	—	—	—	—	Perform emergency tracheotomy.
3/20	—	—	—	—	Perform minor acts of surgery, such as: I&D, suture lacerations, etc.
3/24	—	—	—	—	Start closed cardiopulmonary resuscitation.
3/28	—	—	—	—	Establish oral airway using mechanical devices (excluding procedures performed by anesthesia services).
3/32	—	—	—	—	Apply orthopedic traction (other than skeletal).
3/36	—	—	—	—	Start defibrillation by external electric countershock.
3/40	—	—	—	—	Perform basic metabolic rate (BMR) procedures.
3/44	—	—	—	—	Apply simple orthopedic casts.
3/48	—	—	—	—	Remove simple orthopedic casts.
3/52	—	—	—	—	Screen sick call to include diagnosing, prescribing, and administering treatment for common/chronic illnesses or minor injuries.
3/56	—	—	—	—	Do (not interpret) electrocardiography (EKG) procedures.
3/60	—	—	—	—	Do simple physical examinations using basic examining instruments.
3/64	—	—	—	—	Take and record medical histories.
3/68	—	—	—	—	Obtain vaginal Pap smears.
3/72	—	—	—	—	Do (not interpret) electroencephalography (EEG) procedures.
3/76	—	—	—	—	Perform simple X-ray procedures.
3/80	<u>9</u>				
4/08	—	—	—	—	Do Audiometer testing.
4/12	—	—	—	—	Do visual testing.

SOME PROPOSALS AND POSSIBILITIES

The items on the next four pages are proposals that have been identified in previous studies as having at least some significance to many officers. We would like to know how you feel about them. Because all ANC officers are answering this questionnaire, all will have the opportunity to speak for themselves.

If you were presently trying to make up your mind whether to choose a career in the Army Nurse Corps, how important would each of the following proposals be to you in making that decision?

Give serious thought to each proposal and to its implications.

Rate each proposal by determining the number of that statement which best expresses how important that proposal would be to you if you were in the middle of making a decision about a military career. Write the number in the space given. Be sure to tell us how you think it would affect you, not how important you think it might be to others.

To me, this proposal would be:

- 1 = A major advantage.
- 2 = A minor advantage.
- 3 = Not important.
- 4 = A minor disadvantage.
- 5 = A major disadvantage.

Rating Proposal

1-5

- 4/16 — Adjust off-post housing allowance to conform to local prices in high cost living areas.
- 4/17 — Adjust subsistence allowance to conform to cost-of-living index in high cost living areas.
- 4/18 — Pay the cost of commercial transportation to and from work when government transportation is not available.
- 4/19 — Make dislocation allowance more consistent with the actual expenses you have on Permanent Change of Station.
- 4/20 — Authorize government housing to include civilian husbands of female members of the military regardless of whether or not the husband is classified as a dependent.
- 4/21 — Authorize each military member a housing allowance if husband and wife are both members of the military and occupy the same government quarters.
- 4/22 — Authorize, when applicable, accompanied tours for civilian husbands of female members of the military regardless of whether or not the husband is classified as a dependent.
- 4/23 — Accord to guests of single officers the same privileges for post welfare and recreation activities as those given to dependents of married officers.
- 4/24 — Continue policy of appointing Baccalaureate graduates at a higher rank than graduates of other basic nursing programs.
- 4/25 — Liberalize maternity regulations for women in the military, subject to specific personnel management conditions.

To me, this proposal would be:

- 1 = A major advantage.
- 2 = A minor advantage.
- 3 = Not important.
- 4 = A minor disadvantage.
- 5 = A major disadvantage.

Rating Proposal
1-5

- 4/26 Give husbands and dependents of female members of the military the same survivor's benefits and relief that the wives and dependents of male members have.
- 4/27 Offer an annual retention bonus for ANC officers who extend their service tours or who volunteer for an indefinite category (bonus payable at the completion of each extended year).
- 4/28. Give the same special professional pay to military nurses as to physicians, dentists and veterinarians.
- 4/29 Pro-rate professional pay to officers in all AMEDD corps based on education and experience.
- 4/30 Have enough government housing, either on-post or leased, to give all officers the option of occupying such quarters regardless of marital status or number of dependents.
- 4/31 Give medical and dental services for civilian husbands of female members of the military regardless of the dependency status of the husband.
- 4/32 Give transportation allowance on accompanied tours for civilian husbands of women in the military regardless of dependency status of the husband.
- 4/33 Give the husbands of female members of the military (both active and retired) the same benefits and privileges the wives of male members have.
- 4/34 Give extra pay to those members of the military whose marital status or dependent relationships do not limit their geographic assignments.
- 4/35 Provide regulatory restrictions, subject to specific personnel management conditions, for those members of the military whose marital status or dependent relationships do limit their geographic assignments to the disadvantage of single officers.
- 4/36 Give bachelor male officers the same provisions now regulating the length of an "unaccompanied tour" for single female officers.

To me, this proposal would be:

- 1 = A major advantage.
- 2 = A minor advantage.
- 3 = Not important.
- 4 = A minor disadvantage.
- 5 = A major disadvantage.

Rating Proposal

1-5

- 4/37 ___ Offer differential pay for military persons required to work routinely at times normally free for others (holidays, weekends, evenings, nights, or on-call basis).
- 4/38 ___ See that military persons really get compensatory time if they have to work routinely at times when others are normally free (holidays, weekends, evenings, nights, on-call).
- 4/39 ___ Give incentive pay, or other pay above your rank and longevity, for critical Military Occupational Specialities which are based upon training and experience in the specialty.
- 4/40 ___ Pay military nurses at a level more nearly like that of nurses in civilian life who have similar qualifications and experience.
- 4/41 ___ Suppose all fringe benefits and tax-free allowances (medical and dental services, allowances and services for dependents, commissary, post exchange, and retirement provisions) were simply included in your base pay, how much influence would this have on your decision to stay in the Army?
- 4/42 ___ What kind of influence would your present fringe benefits have on your decision to stay in the Army?
- 4/43 ___ What kind of influence would your present military base pay and the tax-free allowances for quarters and subsistence have on your decision to stay in the Army?
- 4/44 ___ How important would it be to you if the Army changed its retirement policy so that early retirement resulted in reduced retirement pay?
- 4/45 9

To me, this proposal would be:

- 1 = A major advantage.
- 2 = A minor advantage.
- 3 = Not important.
- 4 = A minor disadvantage.
- 5 = A major disadvantage.

<u>Rating</u> 1-5	<u>Proposal</u>
4/46 —	Require that all ANC officers who receive direct commissions be currently licensed registered nurses with a baccalaureate degree. ANC officers would then have the same criteria for commission as all other corps of the Army Medical Department.
4/47 —	Let those ANC officers who do not have a baccalaureate degree remain in the Army, but require all incoming nurse officers to have a baccalaureate degree cut-off date.
4/48 —	If ANC commissioned officers wished to continue on active duty longer than 5 years they would be required either to obtain a baccalaureate degree or to show satisfactory attendance in classes while working towards such a degree.
4/49 —	Permit ANC officers to be assigned to those medical activities from which they could attend civilian educational institutions on a "part-time-work, part-time-school basis" until they either attained a desired degree or qualified for long-term civilian schooling.
4/50 —	Try to procure nurses by direct appointment rather than relying on the present subsidized education programs.
4/51 —	Allow ANC career officers in grade of Captain and above to have excess leave (leave without pay) to attend school or pursue other interests related to the field of nursing.
4/52 —	Extend the authority of the Selective Service Act to permit drafting any group of persons whose skills are essential to the national health, safety, and interest.

HOW YOU FEEL ABOUT
SOME FACTORS THAT MAY AFFECT YOUR MORALE

In this section we ask you to give your feelings about a number of factors that may affect your morale as a member of the Army Nurse Corps. The items listed range from America's role in other areas of the world to aspects of military service and your particular medical activity--circumstances that you may find satisfying or troublesome.

Be completely frank in giving your answers. Your individual identity is not known to us in the National Bureau of Standards and thus can never be revealed to the Army. If you wish to add special comments about any issue, please do so on the comment sheets. Be sure to label your comment with the question number so the two can be put together later.

INSTRUCTIONS FOR PAGES 18 TO 21

Whether you are already committed to a career in the Army or not, would you please tell us how you feel about each statement on the next 4 pages. By each statement write the number of the choice below that most closely expresses how you feel about that subject:

- 1 = I strongly agree with the statement.
- 2 = I tend to agree with the statement.
- 3 = I have no opinion or am uncertain.
- 4 = I tend to disagree with the statement.
- 5 = I strongly disagree with the statement.

- 6 = I don't care.
- 9 = Does not apply.

Use your last assignment as the basis for your answers if you have been in your present assignment less than a month. (If you have been out of basic training for less than a moment use your present assignment.)

Scale: 1 = I strongly agree with the statement.
2 = I tend to agree with the statement.
3 = I have no opinion or am uncertain.
4 = I tend to disagree with the statement.
5 = I strongly disagree with the statement.

6 = I don't care.
9 = Does not apply.

- 4/53 ___ I like the variety of jobs (work assignments) in the Army.
- 4/54 ___ I would prefer to be assigned directly to the doctors of an organizational element (OB/GYN, Medicine, Pediatrics, etc.) rather than the nursing department or services.
- 4/55 ___ I am frustrated by the lack of responsiveness of the hospital's administration to the needs of the patients when these conflict with administrative requirements.
- 4/56 ___ The attitudes of some of my close friends and immediate family may influence me to leave the Army.
- 4/57 ___ In my experience, the more rank Army nurses attain, the more they are concerned with their next promotion instead of patient care.
- 4/58 ___ Compulsory attendance at social activities is an irritating part of military life.
- 4/59 ___ Retirement policies of the Army, as they affect me, are generous and adequate.
- 4/60 ___ The authority I have is too little in proportion to my responsibility.
- 4/61 ___ In my present assignment, I usually receive the compensatory time that I have earned.
- 4/62 ___ Married Army nurses who have children are not able to handle all duty and station assignments in either peace time or mobilization.
- 4/63 ___ I like the geographical location of my present station.

Scale: 1 = I strongly agree with the statement.
2 = I tend to agree with the statement.
3 = I have no opinion or am uncertain.
4 = I tend to disagree with the statement.
5 = I strongly disagree with the statement.

6 = I don't care.
9 = Does not apply.

- 4/64 ___ I have been well prepared for the job I'm doing.
- 4/65 ___ I came into the Army to take care of the military and not civilians or dependents.
- 4/66 ___ The lines of authority in my present organization work effectively.
- 4/67 ___ Army medical facilities are often obsolete.
- 4/68 ___ Most of my close friends approve of my being an Army nurse.
- 4/69 ___ It bothers me that professional nursing questions are settled on the basis of rank, not professional knowledge.
- 4/70 ___ My immediate family approves of my being an Army Nurse.
- 4/71 ___ I would like to be able to sign my efficiency report to prove that I have read it.
- 4/72 ___ The professional responsibilities I have are superior to those of civilian nurses in my present duty station.
- 4/73 ___ I find working conditions in Army medical facilities unattractive.
- 4/74 ___ The dependency and benefit differences between married and single officers are fair and equitable.
- 4/75 ___ Working overseas, away from family, friends, and familiar surroundings, would be or is a very difficult experience for me.
- 4/76 ___ Nursing in-service education programs available at my present duty station are limited.

Scale: 1 = I strongly agree with the statement.
 2 = I tend to agree with the statement.
 3 = I have no opinion or am uncertain.
 4 = I tend to disagree with the statement.
 5 = I strongly disagree with the statement.

6 = I don't care.
 9 = Does not apply.

- 4/77 ___ The direct support I am able to give my patients is important to me.
- 4/78 ___ Because they cannot be commanding officers, Army nurses cannot really assume the responsibility and leadership role that they should.
- 4/79 ___ The quality of Army medical equipment helps to make Army nursing professionally satisfying.
- 4/80 ___ Civilian attitudes that are critical of the Army are usually unjustified.
- 5/08 ___ In my experience the esprit de corps of the Army health team is excellent.
- 5/09 ___ The upper echelons of the Army are generally responsive to the needs of the individual officer.
- 5/10 ___ On-post social activities are unimportant to me.
- 5/11 ___ The Army's promotion system is the best way to meet the need for competent officers in higher grades.
- 5/12 ___ I have had few or no opportunities to attend professional conventions or meetings.
- 5/13 ___ Work schedules (tours of duty, weekends, holidays, etc.) work out as fairly as is practical.
- 5/14 ___ Dependency and benefit differences between men and women officers are a source of dissatisfaction with me.
- 5/15 ___ I prefer working in the size medical facility to which I am presently assigned.
- 5/16 ___ I like the idea of assuming responsibility for medical procedures previously performed only by a doctor.
- 5/17 ___ The degree of professional accomplishment I have attained in the Army as a nurse has been too limited.
- 5/18 ___ The difference between what I was trained to do as a nurse and what I actually do frustrates me.

Scale: 1 = I strongly agree with the statement.
 2 = I tend to agree with the statement.
 3 = I have no opinion, am uncertain.
 4 = I tend to disagree with the statement.
 5 = I strongly disagree with the statement.

6 = I don't care.
 9 = Does not apply.

- 5/19 ___ Army nurses don't have enough opportunities to practice direct patient care.
- 5/20 ___ The quality of patient care in my present organization is very good.
- 5/21 ___ Enlisted nursing personnel do many things in patient care that should be done only by registered nurses.
- 5/22 ___ Serving in the ANC is important to me as a way of serving my country.
- 5/23 ___ The military doesn't give enough recognition to human dignity.
- 5/24 ___ The manner in which Army Nurse Corps officers wear their military uniforms is often below the standards officers should maintain.
- 5/25 ___ I would rather have my efficiency reports made out by doctors with whom I work, than by nurse supervisors.
- 5/26 ___ Fringe benefits for an Army nurse compare favorably with those of nurses in the civilian sector.
- 5/27 ___ You get ahead faster in your job in the military than you would in civilian nursing.
- 5/28 ___ The hours I work are disagreeable in comparison with those of the civilian nurses who work in my present duty station.
- 5/29 ___ Differences in benefits and dependency allowances for men and women officers usually reflect fairly the differences in their family responsibilities.
- 5/30 ___ I think I can assume the responsibilities of a military officer in the next higher grade.
- 5/31 ___ I prefer working in the type of medical facility to which I am presently assigned.
- 5/32 ___ I am much more competent as a nurse than my immediate supervisor.

The next 5 questions concern matters of current interest to Army nurses. You are asked to give your opinion on them.

Select from the scale below the item that best represents your opinion on each question.

- 1 = Strongly approve
- 2 = Approve
- 3 = Don't care
- 4 = Disapprove
- 5 = Strongly disapprove

- 5/33 ___ The appointment of 2 year junior college associate degree graduate nurses as warrant officers in the Army Nurse Corps.
- 5/34 ___ The appointment of 2 year junior college associate degree graduate nurses as second lieutenants in the Army Nurse Corps.
- 5/35 ___ The appointment of hospital diploma school graduate nurses as warrant officers in the Army Nurse Corps.
- 5/36 ___ Training enlisted personnel to become physician's assistants in the Army.
- 5/37 ___ Commissioning physician's assistants as warrant officers in the Army.

Rank the seven items below based on how important they are to you, that is how you really feel about them. Put "1" by the item that matters most to you, "2" by the item that is second most important down through "7" -- the one that matters least. Remember:
1 = most important.

- 5/38 ___ What other people think of me as a person
- 5/39 ___ Pride in being a member of the Army
- 5/40 ___ The appreciation of patients for the care I give them
- 5/41 ___ How my immediate family and close friends feel about my being in the Army
- 5/42 ___ Being able to remain in the Army Nurse Corps until I can get full retirement benefits
- 5/43 ___ Performance that is recognized by others as professionally excellent
- 5/44 ___ Recognition for the work I do in my present organization

PMOS HISTORY

Tell us how many and which Primary (not Duty) Military Occupational Specialities (PMOS) you have been awarded, beginning with your first (initial) Primary MOS when you entered the Army Nurse Corps.

Consider the addition of a prefix or a change in the prefix as a new Primary MOS (PMOS), and put the 4-digit MOS and the new prefix on the next line.

Put numbers in the answer spaces under each column. Use I.D. numbers for answers to Column B and Column D. Put "9"s in all spaces that do not apply to you.

ANC MOSs are listed in the box on the top of the next page. Your Primary MOS is the Military Occupational Specialty awarded on the basis of training and and qualification. Your Duty MOS refers to the MOS appropriate for the job you actually hold. Your initial MOS is the first PMOS you were awarded. These may or may not be the same. If you are uncertain about any other aspect of this page, ask the project officer to explain it.

COLUMN A

4-Digit PMOS
Enter each PMOS you have been awarded. Put your first PMOS in the top space and continue, listing your present PMOS last.

COLUMN B

PREFIX
I.D. No. Prefix
1 = D
2 = C
3 = B
4 = A
5 = 4
6 = 8
9 = None or other

COLUMN C

YEAR Awarded
Last two digits of year that PMOS was awarded.

COLUMN D

Rank at Time PMOS was awarded.
I.D. No. Rank
1 = 2nd Lt.
2 = 1st Lt.
3 = Captain
4 = Major
5 = Lt. Col.
6 = Colonel

5/45	_____	1st PMOS	_____	_____	_____
5/53	_____	2nd PMOS	_____	_____	_____
5/61	_____	3rd PMOS	_____	_____	_____
5/69	_____	4th PMOS	_____	_____	5/77 9999
6/08	_____	5th PMOS	_____	_____	_____
6/16	_____	6th PMOS	_____	_____	_____

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MOS AND DUTIES

On this page you are asked about your Primary Military Occupational Specialty (PMOS), Secondary Military Occupational Specialty (SMOS), and your duty positions. Use the lists provided below and your DA Form 66 for reference.

Column A

<u>I.D.</u> <u>Number</u>	<u>Prefixes</u>
1 =	A
2 =	B
3 =	C
4 =	D
5 =	4
6 =	8
9 =	Other or None

Column B

<u>I.D.</u> <u>Number</u>	<u>MOS</u>
02 =	3430: Nurse Administrator
03 =	3431: Army Health Service Nurse
04 =	3437: Neuropsychiatric Service Nurse
05 =	3442: Pediatric Nurse
06 =	3443: Operation Room Nurse
07 =	3445: Anesthetist
08 =	3446: Obstetric Nurse
09 =	3448: Medical-Surgical Nurse
10 =	3449: General Duty Nurse
11 =	Research MOS
12 =	Teaching MOS
99 =	None

- 6/24 ___ Does your present PMOS satisfy your current interests? If it does, write "01" in the answer spaces. If it does not, what other MOS do you feel would give (or would have given) you greater satisfaction? Find this preferred MOS in Column B and write the ID number in the answer spaces.
- 6/26 ___ Is your principal interest in:
 1 = Practice
 2 = Research
 3 = Teaching
- 6/27 ___ PMOS prefix Locate the alphabetical or numerical prefixes of your Primary and Secondary MOS's in Column A.
- 6/28 ___ SMOS prefix Write their ID numbers in the spaces to the left (DA Form 66, item 9).
- 6/29 ___ PMOS Locate your PMOS in Column B. Write the identification number for this PMOS into spaces to the left (DA Form 66, item 9).
- 6/31 ___ SMOS Locate your SMOS in Column B. Write the identification number for this SMOS in the spaces to the left (DA Form 66, item 9).

The next three questions concern duty positions (jobs).
Use the list provided with the questions on each page.

- 01 = Chief, Army Nurse Corps
- 02 = Chief, Nursing Division, Headquarters
- 03 = Chief, Nursing Department or Service
- 04 = Assistant Chief Nurse
- 05 = Supervisor of Service or Section
- 06 = Clinical Head Nurse
- 07 = Clinical Staff Nurse (Less than 1 year of experience)
- 08 = Clinical Staff Nurse (More than 1 year's experience)
- 09 = Army Health Nurse (Community Health Nurse)
- 10 = Nurse Clinician in a recognized specialty field
- 11 = Nursing Methods Analyst
- 12 = Educational Coordinator
- 13 = Consultant (designated by the Surgeon General)
- 14 = Researcher
- 15 = Historian
- 16 = Technical Writer
- 17 = Recruiting Counselor or Coordinator
- 18 = Staff Officer (HQs, Command, OTSG, DA level)
- 19 = Professor (Full, Assoc., Ass't.)
- 20 = Instructor
- 21 = Student (exclude basic training and basic nursing program)
- 22 = Other
- 88 = Do not know
- 99 = Do not have one (Do not use for Q. 6/33; may only be used for 6/35.)

- 6/33 ___ What is your present assigned primary duty position?
 Get number from list of titles above.
- 6/35 ___ What is your presently assigned secondary duty position?
 Get number from list of titles above.

What duty position (job) assignments (not MOS) have you had since your graduation from basic nurses training?

Put a "1" in the space to the left of each position you have held, either once or more than once.

Put a "0" to the left of each position you have NOT held.

0 = Not held
1 = Have held

- 6/37 ___ Chief, Army Nurse Corps, Nursing Division or Headquarters
- 6/38 ___ Chief, Nursing Department or Service
- 6/39 ___ Assistant Chief, Nursing Department or Service
- 6/40 ___ Supervisor of Service or Section
- 6/41 ___ Clinical Head Nurse
- 6/42 ___ Clinical Staff Nurse (Less than 1 year of experience)
- 6/43 ___ Clinical Staff Nurse (More than 1 year's experience)
- 6/44 ___ Army Health Nurse (Community Health Nurse)
- 6/45 ___ Nurse Clinician in a recognized specialty field
- 6/46 ___ Administrator (Chief or Director)
- 6/47 ___ Administrator (Assistant Chief or Deputy Director)
- 6/48 ___ Nursing Methods Analyst
- 6/49 ___ Educational Coordinator
- 6/50 ___ Consultant (designated by The Surgeon General)
- 6/51 ___ Researcher
- 6/52 ___ Historian
- 6/53 ___ Technical Writer
- 6/54 ___ Recruiting Counselor or Coordinator
- 6/55 ___ Staff Officer (HQs, Command, OTSG, DA level)
- 6/56 ___ Professor (Full, Assoc., Ass't.)
- 6/57 ___ Instructor
- 6/58 ___ Student (exclude basic training and basic nursing program)
- 6/59 ___ Other

DUTIES AND TASKS

The next nine questions ask your opinion on the grade and MOS qualifications for anyone assigned to your present duty position (job).

6/60 — Under normal circumstances in your present assignment, would it be more important for your replacement to have the Grade or the Primary MOS normally assigned to your position?

- 1 = Grade
- 2 = Primary MOS

6/61 — How important is it for another ANC officer who may sometime occupy the job you now hold, to have a Primary MOS which is the same as the Duty MOS?

- 1 = Essential
- 2 = Very important
- 3 = Important
- 4 = Of little importance
- 5 = No importance whatsoever

USE THE FOLLOWING SCALE FOR THE NEXT 7 QUESTIONS:

- 1 = Would probably perform very well.
- 2 = Would probably perform competently.
- 3 = Would probably have minor difficulty.
- 4 = Would probably have serious difficulty.
- 5 = Probably could not handle the position.

6/62 — If for any reason it were necessary for someone to replace you who held the grade but not the MOS normally assigned to your position, how well would you expect such an officer to be able to perform the required tasks and duties? (Select an answer from the list above.)

6/63 — What if your replacement had the appropriate MOS but was one grade below that normally assigned to your position?

6/64 — What if your replacement had the MOS but was two grades below that normally assigned? (Enter "9" if the normal grade for your position is below captain)

6/65 — And what if your replacement were three grades below, still assuming the same MOS? (Enter "9" if the normal grade for your position is below major)

- 1 = Would probably perform very well.
- 2 = Would probably perform competently.
- 3 = Would probably have minor difficulty.
- 4 = Would probably have serious difficulty.
- 5 = Probably could not handle the position.

- 6/66 ___ How well do you think your present position could be filled by an ANC officer with a Primary MOS (PMOS) different than your own?
- 6/67 ___ How adequately do you think your present position could be filled by an ANC officer with a Secondary MOS (SMOS) different than your own? (Enter "9" if you do not have a Secondary MOS)
- 6/68 ___ How adequately could an ANC officer fill your present position if the officer's Secondary MOS (SMOS) were the same as the MOS normally assigned to your position?

ASSIGNMENT PREFERENCE

- 6/69 ___ Was the geographic location of your present duty assignment your --
- 1 = first choice?
 - 2 = second choice?
 - 3 = third or lesser choice?
- 6/70 ___ Were you given an opportunity to discuss or express your preference of duty assignments (jobs) in your present assignment?
- 1 = Yes
 - 2 = No
- 6/71 ___ Is your present duty position (job) your --
- 1 = first choice?
 - 2 = second choice?
 - 3 = third or lesser choice?
 - 9 = does not apply
- 6/72 ___ Is your present duty station (hospital, school, etc.) a result of --
- 1 = needs of the service?
 - 2 = your personal or compassionate choice?
 - 3 = both the needs of the service and your personal or compassionate choice?

Rank the 7 items below in the order of their importance to you - how you really feel about them. Enter "1" by the item that matters most to you, "2" by the item that is next in importance, down through "7", the one that matters least. Remember - "1" = most important.

RANK ORDER

- 6/73 ___ My image of myself and the value of the work I do as a nurse
- 6/74 ___ Fulfilling my role in the Army
- 6/75 ___ My own knowledge that I am giving good nursing care to my patients
- 6/76 ___ Public attitudes toward the Army
- 6/77 ___ Advancing my career in the Army Nurse Corps
- 6/78 ___ Personal standards of performance that I set for the work I do
- 6/79 ___ Contributing to the work of my organization

1 = Excellent
2 = Very good
3 = Good
4 = Poor
5 = Very poor

Please tell us what you think of the working relationships among ANC officers and between ANC officers and other AMEDD personnel. For each question below select the answer to the left that, from your experience, best reflects the working relations in your facility.

- 6/80 ___ Among ANC officers
- 7/08 ___ Between Army nurses and Department of Army Civilian nurses
- 7/09 ___ Between Army nurses and physicians
- 7/10 ___ Between Army nurses and other AMEDD officers (exclude physicians)
- 7/11 ___ Between nursing services and other departments or services of your organization
- 7/12 ___ Between Army nurses and enlisted nursing service personnel

MORE QUESTIONS ABOUT
FACTORS THAT MAY AFFECT YOUR MORALE

In this section we again ask you to give your feelings about a number of factors that may affect your morale as a member of the Army Nurse Corps.

Be completely frank in giving your answers. If you wish to add special comments about any issue, please do so on the comment sheets provided. Be sure to label your comment with the question number so the two can be put together later.

INSTRUCTIONS FOR PAGES 30 TO 33

Whether you are already committed to a career in the Army or not, would you please tell us how you feel about each statement. By each statement write the number of the choice below that most closely expresses how you feel about that subject:

- 1 = I strongly agree with the statement.
- 2 = I tend to agree with the statement.
- 3 = I have no opinion or am uncertain.
- 4 = I tend to disagree with the statement.
- 5 = I strongly disagree with the statement.

- 6 = I don't care.
- 9 = Does not apply.

- 7/13 ___ I like the degree of challenge in my work.
- 7/14 ___ The opportunity for responsibility in the ANC is professionally satisfying.
- 7/15 ___ In my experience the quality of Army nursing care has been excellent.
- 7/16 ___ The number of Army nurses in my present organization is adequate.
- 7/17 ___ As a way of fulfilling my sense of duty to society, Army nursing is less satisfying to me than civilian nursing would be.
- 7/18 ___ I like the opportunities for travel that being in the Army gives me.

Scale: 1 = I strongly agree with the statement.
2 = I tend to agree with the statement.
3 = I have no opinion or am uncertain.
4 = I tend to disagree with the statement.
5 = I strongly disagree with the statement.

6 = I don't care.
9 = Does not apply.

- 7/19 ___ Military life allows me more personal privacy than civilian life.
- 7/20 ___ Regimentation (military ritual, saluting, etc.) seems out of place in today's Army.
- 7/21 ___ The rating officers have usually been in a position to make a fair and accurate judgment of my performance and ability.
- 7/22 ___ Educational opportunities for my family are poor in my present area.
- 7/23 ___ The orientation to my present duty station was not good.
- 7/24 ___ As an Army nurse, my opportunities for further education are too limited.
- 7/25 ___ Promotion in the ANC does not depend enough on professional competence.
- 7/26 ___ My present assignment does not utilize my skills, knowledge or experience properly.
- 7/27 ___ I do not like my present job (duty assignment).
- 7/28 ___ Orders given by physician assistants for patient treatment would not be acceptable to me.
- 7/29 ___ The reputation of the nursing services in my own organization is not very good.
- 7/30 ___ Army hospitals should be staffed with more military nurses than civilian nurses.
- 7/31 ___ I do not like so much U.S. military involvement in other countries - it makes an Army Nursing career less attractive to me than it would be otherwise.

Scale: 1 = I strongly agree with the statement.
2 = I tend to agree with the statement.
3 = I have no opinion or am uncertain.
4 = I tend to disagree with the statement.
5 = I strongly disagree with the statement.

6 = I don't care.
9 = Does not apply.

- 7/32 ___ Military discipline is necessary to maintain the highest standards of care in an Army hospital.
- 7/33 ___ The white cap should always be worn with the white hospital uniform by female nurses.
- 7/34 ___ The Army's promotion system is usually fair to the individual.
- 7/35 ___ PX and Commissary fringe benefits are an important advantage to me.
- 7/36 ___ The orientation I received for my present duty position was good.
- 7/37 ___ The opportunities I have had to further my formal education in the Army are better than they would have been in civilian life.
- 7/38 ___ I am able to work as a responsible professional in the Army.
- 7/39 ___ I have had an excellent opportunity to gain experience in my specialty in the Army.
- 7/40 ___ I find satisfaction in the opportunities to use my own initiative in my job.
- 7/41 ___ Knowing what is expected of me in my present assignment makes my job more satisfying.
- 7/42 ___ There is an adequate number of enlisted nursing personnel in my present organization.
- 7/43 ___ It is important that the U.S., as a great power, remain committed to the defense of the free world.
- 7/44 ___ I find military discipline out of place in a professional environment.
- 7/45 ___ Military headgear should be required only in military formations.
- 7/46 ___ The degree of job satisfaction I have experienced as a nurse in the Army has been high.
- 7/47 ___ The Army's system of efficiency reports doesn't include adequate safeguards against personality conflicts with superiors.
- 7/48 ___ Too frequently the benefits and advantages that are promised in the Army are not delivered.

Scale: 1 = I strongly agree with the statement.
 2 = I tend to agree with the statement.
 3 = I have no opinion or am uncertain.
 4 = I tend to disagree with the statement.
 5 = I strongly disagree with the statement.

6 = I don't care.
 9 = Does not apply.

- 7/49 ___ More stability in assignments would make the ANC more attractive.
- 7/50 ___ The irregularity of working hours is a source of dissatisfaction for me.
- 7/51 ___ The prestige of the Army Medical Department is low.
- 7/52 ___ Advancement in the Army Nurse Corps depends too much on formal educational achievement.
- 7/53 ___ I do not like the idea of assigning to physician's assistants some medical procedures which were previously performed only by doctors.
- 7/54 ___ The kind of assignments I have had since becoming an ANC officer have been disappointing.
- 7/55 ___ I am impressed by the competence of my peers (ANC Officers).
- 7/56 ___ The administration of Army hospitals is usually quite competent.
- 7/57 ___ I am impressed by the competence of my subordinates (subordinate ANC officers).
- 7/58 ___ The military system of rank, seniority and command is the best way of insuring that those with the best professional experience and competence will be given responsibility.
- 7/59 ___ Mandatory social activities are an attractive aspect of military life.
- 7/60 ___ Army retirement benefits are not an important factor in deciding to make a career of the Army Nurse Corps.
- 7/61 ___ I am given the opportunity to do my work in my own way.
- 7/62 ___ The introduction of the expanded role of the Army Nurse gives me an opportunity to prepare myself to practice nursing as I would prefer.
- 7/63 ___ I object to being expected to move from ward to ward without being consulted or being prepared to work with the particular kind of patient.
- 7/64 ___ Shift schedules have made it difficult for me to obtain additional education.

For each of the seven pairs of statements below, select the one statement that best reflects how you really feel, that is, the statement in each pair that is more important to you. Put the number of your choice, either a "1" or a "2", in the answer space to the left of each pair of statements. Please choose one statement from each pair even though neither expresses exactly how you feel.

- 7/65 ___ 1 = My image of myself and the value of the work I do as a nurse.
 ___ 2 = What other people think of me as a person.
- 7/66 ___ 1 = Performance that is recognized by others as professionally excellent.
 ___ 2 = Personal standards of performance that I set for the work I do.
- 7/67 ___ 1 = The appreciation of patients for the care I give them.
 ___ 2 = My own knowledge that I am giving good nursing care to my patients.
- 7/68 ___ 1 = Contribution to the work of my organization.
 ___ 2 = Recognition for the work I do in my present organization.
- 7/69 ___ 1 = Advancing my career in the Army Nurse Corps.
 ___ 2 = Being able to remain in the Army Nurse Corps until I can
 get full retirement benefits.
- 7/70 ___ 1 = Pride in being a member of the Army.
 ___ 2 = Fulfilling my role in the Army.
- 7/71 ___ 1 = Public attitudes toward the Army.
 ___ 2 = How my immediate family and close friends feel about my
 being in the Army.

-
- 7/72 ___ How do you feel at the present time about making a career in the
 ___ Army--that is, staying for twenty or more years of active duty?
 ___ Your answer will not commit you to the course of action you choose
 ___ here.
- ___ 1 = Definitely intend to leave active duty as soon as possible.
- ___ 2 = Strong possibility that I will not make a career in ANC.
- ___ 3 = Undecided as to whether I will stay or leave.
- ___ 4 = Strong possibility that I will remain on active duty.
- ___ 5 = Definitely intend to make a career in the Army.

7/73 9

7/74 — Are you now assigned to a student detachment as a candidate for a degree?

- 1 = Yes
- 2 = No

What formal academic programs have you completed? Write the last two digits of the year in which you completed the program by the program name in the list below.

What formal academic programs are you now enrolled in? If you are now assigned to a student detachment as a candidate for a degree, write the last two digits of the year in which you expect to complete the program by that program name in the list below.

Write "9"s in the spaces that do not apply to you.

Year in which completed or of expected completion
(Last 2 digits)

ACADEMIC PROGRAM

7/75 — — Diploma Program -- No Degree

7/77 — — Associate Arts Degree

7/79 — — Baccalaureate in Nursing

8/08 — — Baccalaureate in Other Field

8/10 — — Master's in Nursing

8/12 — — Master's in Other Field

8/14 — — Doctorate

8/16 — — When did you last take a college course for credit towards a Bachelor's or higher degree? Enter the last two digits of the year the class ended.

8/18 — How many semester hour credits have you earned toward the attainment of an academic degree beyond the degree(s) or program(s) which you have already completed? Choose from the list below even if you do not know the exact number.

- 0 = None
- 1 = 1 to 5 semester hour credits
- 2 = 6 - 30
- 3 = 31 - 60
- 4 = 61 - 90
- 5 = 91 - 105
- 6 = More than 105 semester hour credits

If you are working on a degree tell us your major and minor fields, or if you have a degree tell us about your highest one. If you are considering a degree but are undecided about fields of study tell us your most probable choice in space 8/27. Use numbers from list below. Use "99"s where it doesn't apply to you.

8/19 ___ ___ Major Field

8/21 ___ ___ Second Major

8/23 ___ ___ Minor Field

8/25 ___ ___ Second Minor

8/27 ___ ___ Undecided

Law

- 40 Civil Law
- 41 Medical Jurisprudence
- 42 Military Legislation
- 43 Other

Health Care

- 01 Nursing: General (Basic)
- 02 Nursing: Administration
- 03 Nursing: Anesthesia
- 04 Nursing: Education
- 05 Nursing: Maternal & Child
- 06 Nursing: Medical/Surgical
- 07 Nursing: Mental Health
- 08 Nursing: Operating Room
- 09 Nursing: Pediatrics
- 10 Nursing: Nurse Clinician
- 11 Nursing: Public Health
- 12 Nursing: Research Methods
- 13 Dentistry
- 14 Environmental Hygiene
- 15 Gerontology
- 16 Hospital Administration
- 17 Medicine: General Practice
- 18 Nutrition
- 19 Occupational Therapy
- 20 Optometry
- 21 Pharmacology
- 22 Physical Therapy
- 23 Podiatry
- 24 Veterinary Medicine
- 25 Midwifery
- 26 Psychiatry
- 27 Obstetrics
- 28 Ambulatory Health Care

Humanities

- 30 Art
- 31 Journalism, Writing, Editing
- 32 Languages
- 33 Motion Picture Production
- 34 Philosophy
- 35 Other

Business and Social Sciences

- 50 Anthropology
- 51 Audio-Visual Aids
- 52 Business
- 53 Economics
- 54 Education
- 55 Government
- 56 History
- 57 Labor/Management Relations
- 58 Personnel Management
- 59 Political Science
- 60 Psychology
- 61 Public Relations
- 62 Sociology
- 63 Other

Engineering & Architecture

- 70 Architectural Design
- 71 Automatic Data Processing Systems
- 72 Construction Engineering
- 73 Operations Research
- 74 Systems Analysis
- 75 Systems Engineering
- 76 Other

Physical and Biological Sciences

- 80 Anatomy
- 81 Bacteriology
- 82 Biochemistry
- 83 Biology
- 84 Biophysics
- 85 Chemistry
- 86 Physics
- 87 Physiology
- 88 Mathematics
- 89 Microbiology
- 90 Statistics
- 91 Other

8/29 — — If you had but one choice, which of the following clinical nursing courses offered by the military would you most like to attend?

- 01 Anesthesiology for ANC Officers
- 02 Army Health Nursing Orientation
- 03 Intensive Care Nursing
- 04 Operating Room (Advanced)
- 05 Operating Room (Basic)
- 06 Nurse Clinician, Psychiatry/Mental Health
- 07 Nurse Clinician, Ambulatory Care
- 08 Nurse Clinician, Obstetrics and Gynecology
- 09 Nurse Clinician, Pediatrics
- 10 Nurse Midwifery (projected for FY-74)
- 11 Other
- 12 Not interested in any
- 99 Don't know

Year Completed
or Projected
Completion
(Last 2 Digits)

What military service schools or courses have you attended or are currently attending? Enter the last two digits of the year you completed each school or course or expect to complete each school or course. Exclude short courses. Enter "99" for those that do not apply.

- 8/31 — — U.S. Army War College
- 8/33 — — U.S. Army Command and General Staff College
- 8/35 — — U.S. Army-Baylor Univ. Program in Health Care Administration
- 8/37 — — Army Medical Department Advanced Course (Nurses and other AMEDD officers in same course)
- 8/39 — — Army Medical Department Basic Course (Nurses and other AMEDD officers in same course)
- 8/41 — — Army Nurse Corps Officer Advanced Course (Nurses only)
- 8/43 — — Army Nurse Corps Officer Basic Course (Nurses only)
- 8/45 — — Other (Do not include short courses, MOS producing courses or functional courses.)

8/47 ___ If you had but one choice, which of the following military service schools or courses would you like to go to?

1 = U.S. Army War College

2 = U.S. Army Command and General Staff College

3 = U.S. Army - Baylor Univ. Program in Health Care Administration

4 = Army Medical Department Advanced Course

5 = Other

6 = Not interested in any

9 = Don't know

1 = Belong
2 - Do not belong

Indicate which of the following organizations, if any, in which you are a member. Put a "1" in the space by those of which you are a member and "9" by those you do not belong to.

8/48 ___ American Nurses Association

8/49 ___ National League for Nursing

8/50 ___ American Public Health Association

8/51 ___ Association of Operating Room Nurses

8/52 ___ American Association of Nurse Anesthetists

8/53 ___ Other:

Write the name here, please.

In which of the following organizations or types of organizations have you served or are you now serving in other than a student capacity?

- 0 = Place zero "0" in front of those types of organizations in which you have NOT served.
1 = Put a "1" in front of the type of organization in which you are now serving.
2 = Put a "2" in front of those types of organizations in which you served in the past.

(If you have been in your present assignment less than 30 days, consider your last assignment as if it were your present one. Use your present assignment if your last assignment was Basic Training.) If your medical activity has been redesignated, include both types. Include TDY assignments of 30 days or more. If you are now serving in a type of medical activity in which you have also served in the past, put a "1" in the space. (DA Form 66, item 18).

- 8/54 ___ HQ Dept. of the Army, Office of The Surgeon General
8/55 ___ HQ Medical or Hospital Center
8/56 ___ U.S. Army Recruiting Command
8/57 ___ U.S. Army Medical Research and Development Command
8/58 ___ U.S. Army Medical Training Center
8/59 ___ Walter Reed Army Institute of Research
8/60 ___ Walter Reed Army Institute of Nursing
8/61 ___ Medical Field Service School
8/62 ___ Detoxification Center or Unit
8/63 ___ MUST Hospital: Combat or Training Unit
8/64 ___ Surgical Hospital: Combat or Training Unit
8/65 ___ Evacuation Hospital: Combat or Training Unit
8/66 ___ Field or Station Hospital: Combat or Training Unit
8/67 ___ Hospital with less than 150 beds: Non-Combat or Training
8/68 ___ Hospital with between 150 and 499 beds: Non-Combat or Training
8/69 ___ Hospital with 500 or more beds: Non-Combat or Training
8/70 ___ Troop Medical Clinic Dispensary or Health Clinic, physically separated from any hospital
8/71 ___ Other

IF YOU ARE ASSIGNED TO A MEDICAL TREATMENT FACILITY, ANSWER THE QUESTIONS BELOW.
IF YOU ARE NOT ASSIGNED TO A MEDICAL TREATMENT FACILITY PUT 99s IN ALL OF THE
SPACES BELOW AND GO TO THE NEXT PAGE.

8/72 _ _

8/74 _ _

8/76 _ _

8/78 _ _

8/80 9

To what area of your medical treatment facility are you now assigned? Find the name of the area to which you are now assigned and write its identification number in the top answer space (8/72).

If you are assigned to more than one area, or your hospital combines some of the working areas listed below, write down all of the appropriate identification numbers in the extra spaces provided (8/74 - 8/78).

Fill any unneeded spaces with 99s.

COMMUNITY HEALTH CARE NURSING

01=Office of Service/Section Chief

Clinics Nursing

02=Office of Section Chief

03=Hospital Clinics

04=Hospital Emergency Room

Troop Medical or Health Clinics

05=Office of Section Chief

06=Separate Clinics and Dispensaries on
or off Post

07=Army Health Nursing

CLINICAL NURSING

08=Office of Service/Section Chief

Psychiatry and Neurology Nursing

09=Office of Section Chief

10=Psychiatric Wards

11=Neurology Wards

Maternal and Child Health Care Nursing

12=Office of Section Chief

13=Obstetric Wards

14=Newborn Nurseries

15=Premature Nurseries

16=Pediatric Wards

Medical Nursing

17=Office of Section Chief

18=Medical Wards

Surgical Nursing

19=Office of Section Chief

20=Surgical Wards (Excluding Ortho)

21=Orthopedic Wards (ONLY)

22=Operating Room Nursing

23=Anesthesiology Nursing

24=Intensive Care Units

25=Other

NURSING EDUCATION AND TRAINING

26=Office of Service/Section Chief

27=Nursing In-service Education and
Training

Nursing Specialty Education and
Training

28=Office of Section Chief

29=Army Health Nursing Orient Course

30=Clinical Specialty Course

31=Nurse Clin, Psych/Men Health Course

32=Anes. for ANC Officer Course

33=Intensive Care Nursing Course

34=OR Advanced Course

35=OR Basic Course

36=Nurse Clin, Ambulatory Care Course

37=Nurse Clin, OB & GYN Course

38=Nurse Clin, Pediatrics Course

39=Other

2/10

SOME MORE QUESTIONS

9/08 ___ ___ Which of the following sources of information do you feel
influenced you most when you decided to apply for an appointment
in the ANC? (You may name two if they were equally influential;
9/10 ___ ___ Put "99" in the second space if you name only one.)

- 01=Radio
- 02=Television
- 03=Nursing Journals
- 04=Magazines (Good Housekeeping, Seventeen, etc.)
- 05=High school teachers
- 06=High school advisors
- 07=College counselors
- 08=Talk or visit by Army Nurse Corps
recruiting counselor
- 09=Army Nurse Corps recruiting mail/brochures
- 10=Navy or Air Force recruiting officers
- 11=Nurse with previous military service
- 12=Other civilian nurses
- 13=Others (such as parents, friends, family physician,
ministers, etc.)

9/12 ___ ___ Apart from the above sources of information, what was the principal
reason you decided to join the Army Nurse Corps? If more than
9/14 ___ ___ one reason was important, you may indicate as many as two
9/16 ___ ___ additional reasons from the list below. Enter the numbers of the
items in their order of importance and enter "99" in the unused
spaces.

- 01=Professional opportunity
- 02=Better pay, allowance and benefits
- 03=To serve my country
- 04=Because the Army was involved in a conflict and nurses
were needed
- 05=I thought I would like the Army as a place to practice nursing
- 06=Because I thought I would be drafted
- 07=Because the Army programs gave me the best opportunity to obtain
a nursing education
- 08=I came from a military family
- 09=World travel appealed to me
- 10=It seemed to me the best way to live my own life
at the time
- 11=To get away from home
- 12=Because my spouse or fiance(e) was in the service
- 13=Other

9/18 ___ ___ If you have elected to stay in the Army,
9/20 ___ ___ why have you decided to stay? Using the same
9/22 ___ ___ list (above) put the most important reason by 9/18.
If more than one reason is important, you may indicate
as many as two additional reasons by 9/20 and 9/22.

9/24 ___ Has the DOLLAR VALUE of your total military pay ever been clearly explained to you? Include in your consideration your base pay, tax-free allowances (quarters and subsistence) and fringe benefits (medical and dental services, allowances and services for dependents, commissary, post exchange, and retirement provisions).

1 = Yes

2 = No

9/25 ___ Do you now have a good understanding of your total military pay as described above?

1 = Yes

2 = No

9/26 ___ Have you filled in your Officer Preference Statement again since your first assignment?

1 = Yes

2 = No

9/27 ___ When did you last complete your Officer Preference Statement?

1 = Within the last year

2 = More than one year ago but less than two years ago

3 = More than two years ago but less than five years ago

4 = More than five years ago

5 = Never

9/28 ___ Do you believe your Officer Preference Statement was taken into account when you were assigned to your present duty station?

1 = Yes

2 = No

3 = Don't know

CAREER COUNSELING

9/29 — How many individual or small group career counseling interviews or sessions (exclude group orientations) do you remember having had with ANC officers senior to you in grade or position?

- 0 = None
- 1 = 1
- 2 = 2
- 3 = 3
- 4 = 4 or more

9/30 — Do your superiors discuss your work with you on a regular basis (other than when doing your efficiency report)?

- 1 = Yes
- 2 = No

IF YOU HAVE ANSWERED "NONE" TO 9/29 ABOVE, ENTER "9" IN THE SPACES BY THE NEXT FOUR QUESTIONS AND GO ON TO THE NEXT PAGE.

9/31 — What were the attitudes of these senior ANC officers, generally speaking, towards you and your career during these counseling sessions?

- 1 = They were not interested
- 2 = They were moderately interested
- 3 = They were very interested and most helpful
- 9 = Does not apply

9/32 — In your opinion, how well informed about careers in the Army were these senior officers?

- 1 = Fully informed
- 2 = Moderately well informed
- 3 = Not very well informed
- 4 = Very poorly informed
- 9 = Does not apply

9/33 — Overall, what effect did career counseling by these senior ANC officers have on your decision to stay in the Army Nurse Corps?

- 1 = Strong influence to leave active duty
- 2 = Moderate influence to leave active duty
- 3 = No influence on my staying or leaving
- 4 = Moderate influence to stay in the Army Nurse Corps
- 5 = Strong influence to stay in the Army Nurse Corps as a career officer
- 9 = Does not apply

9/34 — Did career counseling influence you to apply for the Regular Army?

- 1 = Yes
- 2 = No
- 9 = Does not apply

213

CHANGE OF DUTY STATION

In the next seven questions we ask you about your experience and preferences concerning Permanent Changes of Station (PCS).

9/35 ___ On the average, about how long in advance have you received your orders prior to departing on your Permanent Changes of Station (PCS moves)?

- 0 = Never made a PCS move
- 1 = Less than 1 month
- 2 = About 2 months in advance
- 3 = About 3 months in advance
- 4 = About 4 months in advance
- 5 = About 5 months in advance
- 6 = Six (6) or more months in advance

9/36 ___ What do you consider an adequate amount of time between receipt of orders and departure on Permanent Change of Station (PCS moves)?

- 1 = Less than 1 month
- 2 = About 2 months in advance
- 3 = About 3 months in advance
- 4 = About 4 months in advance
- 5 = About 5 months in advance
- 6 = Six (6) or more months in advance
- 9 = No opinion

9/37 ___ months What was the length, in months, of your one longest PCS assignment in any one location since becoming an Army Nurse Corps officer (exclude basic training). Enter "99" if you have had only one PCS assignment. (Calculate from DA Form 66, item 18, if you are not certain.)

9/39 ___ months How many months did your shortest PCS assignment last? (exclude basic training). Enter "99" if you have had only one PCS assignment.

9/41 ___ If you were given your own choice, how often would you prefer to make a PCS move?

- 1 = Every year
- 2 = Every 2 years
- 3 = Every 3 years
- 4 = Every 4 years
- 5 = Every 5 years
- 6 = Never
- 7 = Only on my own request

9/42 —

If given your choice of assignments which one of these factors would be most important to you?

- 1 = The professional experience to be gained
- 2 = The geographic area
- 3 = Specific duty station
- 4 = Educational opportunity available
- 5 = Closeness to family
- 9 = None of the above

9/43 — —

Which one of the following do you consider to be the most desirable geographical assignment for you? Consider all factors important to you. . . both on and off duty.

- 01 = East Coast, Continental United States: First Army Area
- 02 = South East, Continental United States: Third Army Area
- 03 = Mid-West, Continental United States: Fifth Army Area
- 04 = West Coast, Continental United States: Sixth Army Area
- 05 = Alaska
- 06 = Hawaii
- 07 = Vietnam
- 08 = Korea
- 09 = Japan
- 10 = Okinawa
- 11 = Thailand
- 12 = Germany
- 13 = Italy
- 14 = Belgium
- 15 = Ethiopia
- 16 = Iran
- 17 = Canal Zone
- 99 = No preference

PERSONAL

9/45 ___ Do you presently live on, or off post?

- 1 = On Post
- 2 = Off Post

9/46 ___ Do you prefer to live on, or off post?

- 1 = On Post
- 2 = Off Post
- 3 = No Preference

9/47 ___ Should options of living off post be offered to all ranks?

- 1 = Yes
- 2 = No
- 3 = No Preference

9/48 ___ What is your marital status?

- 1 = Married
- 2 = Divorced
- 3 = Separated
- 4 = Widowed
- 5 = Single (never married)
- 6 = Engaged to be married within 12 months

IF YOU ARE MARRIED OR ENGAGED ANSWER THE NEXT FOUR QUESTIONS. IF YOU ARE NOT MARRIED OR ENGAGED, ENTER "9" IN THE NEXT 4 ANSWER SPACES AND GO TO QUESTION 9/53.

9/49 ___ To whom are you married or engaged?

- 1 = Active duty military officer.
- 2 = Active duty enlisted person.
- 3 = Retired military person.
- 4 = U.S. Civil Service Employee (retired military).
- 5 = U.S. Civil Service Employee (not retired military).
- 6 = Civilian (other than any of the above).

9/50 ___ Is your spouse or fiancé(e) employed in one of the health occupations?

- 1 = Yes
- 2 = No

9/51 Is your spouse or fiancé(e) a member of the:

- 1 = Army Medical Department?
- 2 = Army (other than AMEDD)?
- 3 = Navy?
- 4 = Air Force?
- 5 = Marine Corps?
- 6 = Other uniformed services?
- 7 = None of the above
- 9 = Does not apply

9/52 Does your spouse or fiancé(e) have an independent income?

- 1 = Yes
- 2 = No
- 3 = Don't know
- 9 = Does not apply

EVERYBODY ANSWER, PLEASE

9/53 How many dependents do you claim on your income tax return (not withholding statement)? Exclude yourself.

9/54 How many of the dependents whom you claim on your income tax return are under age 18?

9/55 Which of the following do not legally qualify as your military dependents but do, in fact, depend upon you because of such reasons as age, illness, disability, or familial responsibility?

- 1 = Spouse
- 2 = Child(ren)
- 3 = Parent(s)
- 4 = Parent(s)-in-law
- 5 = Brother(s)/Sister(s)
- 6 = Combination of more than one of the above
- 7 = Other
- 8 = No one
- 9 = Does not apply

9/56 What is today's date?
day

9/58
month

9/60
year (Last
2 digits)

9/62 9

PLEASE COMMENT

We would appreciate your comments now on two final questions. Please write your answers out for these two questions.

What do you think is one of the biggest problems in the Army Nurse Corps?

What do you think should be done about it?

Your responses will be treated as administratively confidential and will be made available only to the National Bureau of Standards research group.

After completion of the questionnaire, follow this procedure:

1. Write on the comment sheets any additional comments you would like to make about the questionnaire, items in the questionnaire, or any other ideas or recommendations. Put your comment sheets into your questionnaire booklet.
2. Check your questionnaire to be certain that you responded to all items that pertained to you and that you entered "9s" in the unused answer spaces.
3. Tear off the bottom part of this page, turn it over to page 50 and sign and date the certificate.
4. Place your questionnaire booklet and comment sheets - but not the certificate - in the accompanying envelope and seal it. No postage need be attached.
5. Return the certificate to the person monitoring your questionnaire session.
6. Put your envelope in the mail as soon as you can.

If you are making a PCS move before October 30, fill out the certificate at the bottom of page 50 and carry it with you to your next station but mail the questionnaire now. Give the certificate to the project officer at the next station to avoid completing another questionnaire at the new station. If you are overseas, be certain to mail the envelope in an APO mailbox.

Go Back and Check Each Question

To Insure That You Have Left No Blanks

And That No Pages

Have Stuck Together

The National Bureau of Standards will make a report to
The Office of The Surgeon General on the results of this questionnaire.
Inquiries about obtaining this report may be sent to

Mr. Ralph Swisher
National Bureau of Standards
Washington, D.C. 20234

Thank you very much for the time and thought you have put into helping
the Army Nurse Corps achieve a new perspective.

TEAR OFF, SIGN AND HAND IN

Office of The Surgeon General
Department of the Army
Washington, D.C. 20314

Dear Sirs:

This is to certify that I have completed the Army Nurse Corps Officer
world-wide questionnaire and have mailed it to the National Bureau of Standards.

DATE

SIGNATURE

COMMENTS

QUESTION NUMBER

COMMENTS

QUESTION NUMBER

SURVEY OF NURSING PERSONNEL

SECTION A: PERSONNEL

Conducted by

Technical Analysis Division
National Bureau of Standards
Washington, D.C. 20234

For

Office of The Surgeon General
Department of the Army
Washington, D.C. 20314

In this section you are asked to provide a complete "snapshot" of all nursing personnel throughout your MEDDAC or medical activity, and of all non-nursing personnel assigned to Nursing Services.

The information required from you will include --

- (1) your personnel requirements, according to your latest approved manpower survey;
- (2) your present personnel authorization level;
- (3) your recommendations for what you believe to be your present requirements (your recommended personnel requirements may be based upon your recommendations to the last manpower survey undertaken, whether it has been approved or not, or you may wish to make new recommendations if those you last made are no longer appropriate to your needs);
- (4) personnel actually assigned as of 30 September 1972;
- (5) your projections of your requirements five years from now, according to your best estimate of the effects in your MEDDAC or installation on nursing personnel requirements of current trends or anticipated changes in nursing practice.

On the following pages instructions are provided for you to follow in presenting each of these sets of information. To complete the data you will have to use several sources of information:

- (1) your TDA or TOE;
- (2) your latest approved manpower survey;
- (3) your personnel authorization level as of the end of FY72 (do not use 1st quarter FY73 authorizations for this survey since some MEDDACS may not have them yet and the study requires that all MEDDACS and medical activities provide information as of the same time);

- (4) any manpower survey completed but not approved, along with any manpower recommendations your MEDDAC or medical activity made for that survey;
- (5) the organization chart for your MEDDAC or medical activity from your manual of Organizations and Functions;
- (6) personnel records (and Equal Employment records); and
- (7) your own knowledge of your personnel.

If you need more copies than we have supplied of any of the pages in this section, you may reproduce them by typewriter or by clearly legible copying machines. Please do not use wet copy machines.

IMPORTANT

ENCLOSE A COPY OF YOUR MEDICAL ACTIVITY'S MANUAL OF ORGANIZATION AND FUNCTIONS WITH THE PERSONNEL INFORMATION YOU RETURN TO THE NATIONAL BUREAU OF STANDARDS.

(Last
2 digits) RECORD THE YEAR OF YOUR LAST APPROVED MANPOWER SURVEY (USE THE LAST 2 DIGITS OF THE YEAR).

(Last
2 digits) RECORD THE DATE OF ANY SUBSEQUENT MANPOWER SURVEY COMPLETED BUT NOT YET APPROVED (USE THE LAST 2 DIGITS OF THE YEAR).

(Last
2 digits) WHAT IS THE PROJECTED COMPLETION DATE OF THE NEXT MANPOWER SURVEY (USE THE LAST 2 DIGITS OF THE YEAR).

COMMENTS:

PART I

REQUIRED, AUTHORIZED, AND
RECOMMENDED PERSONNEL

It is important that the information that we have requested be provided as accurately as possible. If you have any question about precisely what is being asked by any of these questions call:

Mr. Ralph Swisher or Mrs. Elizabeth Robertson
(301) 921-2261

at the National Bureau of Standards, Gaithersburg, Md. (Overseas posts use

TWX (Telex 89-8493))

PART I

PERSONNEL REQUIREMENTS, AUTHORIZATION, AND RECOMMENDATIONS

Record in schedules 1-8 (pp. 8-15) in the columns indicated the number of personnel required (column A), authorized (column B), and recommended (column C), by grade (column D), MOS (column E), for each duty position (column G), in each MEDDAC element or hospital area of assignment (column F) identified on your MEDDAC's or medical activity's organization chart.

Distribute your recognized requirements, authorizations, and recommendations to the organizational areas to which they are allocated in your present organization chart, if they have been so allocated, even if your manpower survey does not go to that level of detail.

Enter personnel categories in the following order, as applicable. Additional pages are provided for each of these categories. You can make further additional copies if you need them, but make sure they are clearly legible.

- (1) ANC Officers
- (2) Department of Army Civilian Registered Nurses
- (3) Foreign Nationals Utilized as Registered Nurses
- (4) Enlisted Nursing Personnel
- (5) Department of Army Civilian Nursing Personnel Other Than RN's
- (6) Foreign National Nursing Personnel Not Utilized as Registered Nurses
- (7) Non-nursing Civilian Personnel Assigned to Nursing Services

If you do not have any of these personnel categories, write "NONE" across pertinent page.

Where the information requested is a number, put the figures directly in the space provided, as in the example shown. In D, put numerical grade levels (O-1, E-1 or GS-1 = 1). Write out Duty Position and MEDDAC Area. Add "(SEP)"

to MEDDAC Areas that are physically separated from the hospital, on or off post.

In the columns for Duty Position and MEDDAC area, there are short spaces followed by a longer blank. DO NOT WRITE IN THE SHORT SPACES - USE THE LONGER LINE ONLY. The short spaces will be needed by key punchers processing your answers.

Include under authorized strength, if applicable, permanent party nursing personnel assigned to non-fixed medical treatment facilities (that is, Active Army TOE medical units other than USAR or ARNGUS units on active duty for training) located within the defined boundaries of your MEDDAC or medical activity, but working within your medical activity. These will be included as "others" in your TDA or TOE and will be covered in Schedule X of your Manpower Survey.

EXAMPLES OF ENTRIES FOR EACH PERSONNEL CATEGORY. NOTE THAT THE ENTRY ON EACH LINE ACROSS MUST INCLUDE ONLY PERSONNEL FIGURES THAT MATCH IN ALL COLUMNS. A TYPICAL LINE, THEREFORE, ANSWERS A QUESTION SUCH AS "HOW MANY CLINICAL STAFF NURSES OF A GIVEN GRADE ARE REQUIRED, AUTHORIZED, AND RECOMMENDED IN MEDICAL WARDS (DUTY MOS 3449) IN YOUR MEDDAC OR MEDICAL ACTIVITY? PUT A "9" IN PREFIX COLUMN IF THE TDA OR TOE READ "0".

A	B	C	D	E	F	G
Req.	Auth.	Rec.	Grade	MOS	Work Area	Duty Position

(Do not use the first 2 spaces)
 (Do not use the first 4 spaces)

1. ANC Officers (throughout MEDDAC or Medical Activity)

06 05 07 2 93448 Surgery Staff Nurse

(Six (A) first lieutenants (D) with MOS 3448 (E) are required (A) as staff nurses (G) in Surgery (F), 5 are presently authorized (B), and 7 are recommended (C). [EXPLANATION ONLY - DO NOT REPORT THIS WAY]

12 10 12 2 93449 Medical Staff Nurse

(Twelve (A) first lieutenants (D) with MOS 3449 (E) are required (A) as staff nurses (G) in Medical (F), 10 are presently authorized (B) and 12 are recommended (C). [EXPLANATION ONLY]

2. DAC Registered Nurses (throughout MEDDAC or Medical Activity)

02 03 03 07 Community Health Staff Nurse

3. Foreign National (Counterparts) Utilized as Registered Nurses (throughout MEDDAC) (For overseas only)

01 01 01 05 Outpatient Staff Nurse

4. Enlisted Nursing Personnel (throughout MEDDAC or Medical Activity)

04 03 04 6 91040 Orthopedic Clinical Specialist

6. DAC Non-professional Nursing Personnel (Assigned to Nursing Service)

04 04 03 3 Obstetrics Nursing Assistant

7. Foreign National Nursing Personnel Not Utilized as Registered Nurses (overseas only) (Counterpart)

03 04 02 2 Nursery Nursing Aide

8. Non-Nursing Civilian Personnel (Assigned to Nursing Service)

01 01 01 4 Ofc, Chief Nurse Clerk-Typist

ACTUAL PERSONNEL

It is important that the information that we have requested be provided as accurately as possible. If you have any question about precisely what is being asked by any of these questions, call

Mr. Ralph Swisher or Mrs. Elizabeth Robertson
(301) 921-2261

at the National Bureau of Standards, Gaithersburg, Md. (Overseas posts use TWX (Telex 89-8493))

PART III

ACTUAL PERSONNEL

You have been listing personnel in small sets. Now, in schedules 9-17 (pp. 19-27), list in Column A, by name, each individual who is presently assigned to your MEDDAC or medical activity in the personnel category indicated (ANC Officers, DAC Registered Nurses, Enlisted Nursing Personnel, and so forth). Put the information that is requested into each succeeding column, so that on one line you have recorded all the information that is requested about that individual.

The names are used only to insure that each individual is accounted for once and only once. You may delete or cut off the name column before forwarding the data to the National Bureau of Standards.

Under Column B, Grade, use the number normally assigned to the individual's military, civil service, or other grade. For example, 1=0=1 Second Lieutenant, or E-1 Private, or GS-01 in Civil Service or equivalent grade for foreign nationals. Put a "1" or "01" in the grade column, depending on the number of blanks.

In the columns requesting Work Area and Duty Position, record the work area from your MEDDAC or medical activity organization chart. Put down the area in which personnel are actually working, without respect to where they are charged against your TDA or TOE. For officers assigned to more than one working area or more than one duty position within a working area use additional lines to record additional assignments. Complete "work area", "duty positions", and "Duty MOS" columns only when using additional lines.

Include, if applicable, permanent party nursing personnel assigned to non-fixed medical treatment facilities (that is, Active Army TOE medical units other than USAR or ARNGUS units on active duty for training) located within the defined boundaries of your MEDDAC or medical activity but working within your medical activity. These will be included as "others" in you TDA or TOE and will be covered in Schedule X of your Manpower Survey. Separate these personnel. Place "other" ANC officers at the end of the ANC roster. Put "other" EM on separate schedule 14 (see instructions on ANC officer and enlisted nursing personnel schedules).

9. ANC Officers Assigned as of 30 September 1972 Throughout WEDDAC or Medical Activity (also include "other")
 (Use an asterisk (*) to identify "others" working in your hospital; enter them at the end of the roster.)

<u>A</u> Name	<u>B</u> Grade	<u>C</u> Sex	<u>D</u> Race	<u>E</u> PMOS	(Do not use these 4 spaces)	<u>F</u> Work Area (Orgn Chart)	(Do not use)	<u>G</u> Duty Position (Orgn Chart)	<u>H</u> Duty MOS
	1=0-1	1=F	1=Cau						
	2=0-2	2=M	2=Blk						
	3=0-3		3=Am. Ind.						
	4=0-4		4=Sp. Am.						
	5=0-5		5=Orient						
	6=0-6		6=Other						

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(Use enclosed additional copies of this page as needed. If you must make further additional copies, use clear copies only - from typewriter or clearly legible copies from copying machine.)

PROJECTIONS

It is important that the information that we have requested be provided as accurately as possible. If you have any question about precisely what is being asked by any of these questions, call

Mr. Ralph Swisher or Mrs. Elizabeth Robertson
(301) 921-2261

at the National Bureau of Standards, Gaithersburg, Md. (Overseas posts use TWX (Telex 89-8493))

PART III

PROJECTIONS

In this section you are asked to estimate the future impact on your MEDDAC or Medical Activity of current and projected trends in nursing, and the impact of any factors that may be unique to your hospital's situation. Disregard such factors as the overall size of the Army and the level of mobilization.

From the perspective of your MEDDAC or medical activity, and considering the pertinent aspects of the expanded role of the nurse as defined in your MEDDAC or installation, estimate anticipated increases or decreases in requirements 5 years from now for MOS's and types of hospital services that you think will be affected. Consider -

- Increase in types of intensive care units
- Increase in nurses to work with electronic equipment to support sophisticated diagnosis and treatment
- Preventive medicine
- Increasing emphasis on outpatient care
- Family planning assistance
- Ambulatory care
- Health promotion and maintenance
- Ratio of nurse anesthetists to physician anesthetists
- Nurse midwives
- Other considerations of which you wish to comment (such as changes or trends in nearby hospitals, medical schools, and nursing education programs)

In making your projections, give the MOS and specialty as appropriate, the Nursing Service area, and indicate the projected degree of change as a percentage increase or decrease in 5 years compared to the present. Use examples projecting from the figures you have already provided under actual present strength in Schedules 9 to 17 (pp. 19-27).

EXAMPLE: MOS 3431 Outpatient Clinic, Increase - 100%

Explain any projections if you wish or if the projections do not appear to be self-evident. For example, perhaps you have added a new intensive care unit or are experiencing increases in your ambulatory care services.

PERSONNEL AVAILABILITY

It is important that the information that we have requested be provided as accurately as possible. If you have any questions about precisely what is being asked by any of these questions, call

Mr. Ralph Swisher or Mrs. Elizabeth Robertson
(301) 921-2261

at the National Bureau of Standards, Gaithersburg, Md. (Overseas posts use TWX (Telex 89-8493))

We have asked for personnel availability information as of 27 September in this part of the survey because that date is most likely to represent the last normal duty day of the quarter.

PERSONNEL AVAILABILITY

In this set of questions you are asked to record the availability for duty of all nursing personnel on Wed., 27 September 1972. Please review the entire set of questions carefully before you begin to assemble the information. (Questions pertain to assigned and "other" personnel)

In the appropriate spaces indicate how many ANC officers were in each duty status listed below throughout your medical activity on Wednesday, 27 September 1972.

- ___ On Duty
- ___ Day Off Duty
- ___ On Pass
- ___ Administrative Absence
- ___ On Leave (other than maternity and convalescent leave)
- ___ Maternity Leave
- ___ TDY Other Than Student
- ___ Student Status ("your" working staff when on student status, not students from other organizations)
- ___ Patients, Convalescent Leave, or Sick in Quarters (Exclude Maternity)
- ___ Assigned or attached to an organizational element other than Nursing Service
- ___ Other not available
- ___ Of those on duty, how many were on-call?

Indicate below how many Department of Army Civilian Registered Nurses were in each duty status listed below throughout your MEDDAC or medical activity on Wednesday, 27 September 1972.

- ___ On Duty
- ___ Day Off Duty
- ___ Administrative Absence
- ___ On Leave (other than maternity and convalescent leave)
- ___ Maternity Leave
- ___ TDY Other Than Student
- ___ Student Status
- ___ Sick or Convalescent Leave
- ___ Assigned or attached to an organizational element other than Nursing Service
- ___ Other not available
- ___ Of those on duty, how many were on call?

OVERSEAS ONLY

Indicate below how many foreign national (counterpart) registered nurses actually utilized in that capacity were in each duty status listed throughout your MEDDAC or medical activity on Wednesday, 27 September 1972.

- ___ On Duty
- ___ Day Off Duty
- ___ Administrative Leave
- ___ On Leave (other than maternity and convalescent leave)
- ___ Maternity Leave
- ___ TDY Other Than Student
- ___ Student Status
- ___ Sick or Convalescent Leave
- ___ Assigned or attached to an organizational element other than Nursing Service
- ___ Other not available
- ___ Of those on duty, how many were on call?

Indicate below how many enlisted nursing personnel were in each duty status listed on Wednesday, 27 September 1972 throughout your MEDDAC or medical activity. (Include 91A,B,C,D and F personnel reported as actual strengths in Schedules 13 and 14, pages 23 and 24).

- ___ ___ On Duty
- ___ ___ Day Off Duty
- ___ ___ On Pass
- ___ ___ Administrative Absence
- ___ ___ On Leave (other than maternity and convalescent leave)
- ___ ___ Maternity Leave
- ___ ___ TDY Other Than Student
- ___ ___ Student Status
- ___ ___ Patients, Convalescent Leave, or Sick in Quarters (Exclude Maternity)
- ___ ___ Assigned or Attached to an Organizational Element other than nursing services.
- ___ ___ Assigned or attached to other than nursing services awaiting reclassification
- ___ ___ Confined (AR 600-31)
- ___ ___ Other not available
- ___ ___ Of those on duty, how many were on call?

Indicate below how many Civilian Nursing Personnel other than Registered Nurses were in each duty status listed throughout your MEDDAC or medical activity on Wednesday, 27 September 1972.

- ___ ___ On Duty
- ___ ___ Day Off Duty
- ___ ___ Administrative Absence
- ___ ___ On Leave (other than maternity and convalescent leave)
- ___ ___ Maternity Leave
- ___ ___ TDY other than Student
- ___ ___ Student Status
- ___ ___ Sick or Convalescent Leave
- ___ ___ Assigned or attached to an organizational element other than Nursing Service
- ___ ___ Other not available
- ___ ___ Of those on duty, how many were on call?

OVERSEAS ONLY

Indicate below how many foreign national (counterpart) nursing personnel not utilized as registered nurses were in each duty status listed throughout your MEDDAC or medical activity on Wednesday, 27 September 1972.

___ On Duty

___ Day Off Duty

___ Administrative Absence

___ On Leave (Other than maternity or convalescent leave)

___ Maternity Leave

___ TDY Other Than Student

___ Student Status

___ Sick or Convalescent Leave

___ Assigned or attached to an organizational element other than Nursing Service

___ Other not available

___ Of those on duty, how many were on call?

PERSONNEL TURNOVER

- — — How many ANC officers were assigned to your MEDDAC or medical activity as of 30 June 1972?
- — — How many Department of Army Civilian Registered Nurses were assigned to your MEDDAC or medical activity as of 30 June 1972?
- — — How many ANC officers were assigned to your medical activity on PCS during FY72?
- — — How many ANC officers were transferred from your medical activity on PCS during FY72?
- — — How many ANC officers were separated from active duty from your medical activity during FY72?
- — — How many civilian registered nurses joined your medical activity's staff during FY72?
- — — How many civilian registered nurses resigned or were discharged from your medical activity during FY72?

Collective Bargaining

If any of the personnel in your MEDDAC or medical activity are represented by any collective bargaining agency - union or association - write the name of the recognized bargaining agency below.

If any collective bargaining agency has requested recognition as bargaining agent but is not so recognized at this time, write the name of the union or association below.

8

SURVEY OF NURSING PERSONNEL

SECTION B. FACILITIES AND ACTIVITIES

Conducted by

Technical Analysis Division
National Bureau of Standards
Washington, D.C. 20234

For

Office of The Surgeon General
Department of the Army
Washington, D.C. 20314

Please read all directions carefully. It is important that all information be supplied on the same basis and as accurately as possible.

If there are any questions about what is being asked by any of the questions call

Mr. Ralph Swisher
(301) 921-2261

at the National Bureau of Standards, Gaithersburg, Maryland. (Overseas posts use TWX (Telex 89-8493))

Make any comments you wish to make on the back of the page(s) to which the comment refers.

FACILITIES AND ACTIVITIES

_____ Indicate the total number of operating beds set up and
staffed on 30 September 1972.

_____ How many operating beds can you staff with your present
nursing personnel? (Base your answer on the ratio of
nursing personnel to patients established by your last
approved manpower survey.)

Here you are asked to record in general terms the physical layout of
your hospital. For the following 7 items indicate the total number
of each type of separate and combined nursing care units in use in
your hospital during September 1972 and for peak periods during FY 72.

Put zeros in the answer blanks for all types of nursing care units that
are not part of the physical organization of your hospital.

Count rooms and cubicles separately only if they are not part of a ward.
Do not double count. Use the back of the page for comments if you wish
to clarify your answer.

SEPT 72	PEAK FY72	
___	___	Private Rooms (1 bed)
___	___	Semi-Private Rooms (2 beds)
___	___	Semi-Private Rooms (3-6 beds)
___	___	Cubicles (4-12 beds)
___	___	Wards: Open Bay Only (12 or more beds)
___	___	Wards: Combination of cubicle and private or semi-private rooms
___	___	Wards: Other Combinations

Use back of page for comments.

Name and Title
of Individual(s)
Completing this page

CENTRALIZED MATERIAL SERVICE

- ___ How many ANC officers do you now have in CMS?
- ___ How many civilian registered nurses are in CMS?
- ___ How many enlisted nursing personnel are in CMS?
- ___ How many civilian personnel other than RN's?

For each of the following units in your hospital select the choice below that best reflects the extent of CMS services rendered in processing sterile and nonsterile supplies and equipment for use in giving patient care in your medical activity.

- 1 = Complete service by CMS
- 2 = Mostly done by CMS but some by unit
- 3 = About half by CMS and half by unit
- 4 = Mostly done by unit but some by CMS
- 5 = No CMS service
- 9 = Not applicable

- ___ Hospital Wards
- ___ Labor/Delivery Suites
- ___ Operating Room Suite
- ___ Pharmacy
- ___ Radiology
- ___ Clinical Laboratory
- ___ Hospital Clinics
- ___ Troop Medical Clinics
- ___ Off-Post Clinics
- ___ Other (Specify) _____

Use back of page for comments

Name and Title
of Individual(s)
Completing this page

MEDICAL TREATMENT FACILITIES OTHER THAN HOSPITAL

(Use "00" for "none" and "99" for "does not apply".)

- ___ ___ How many separate clinics (including half-way houses, troop medical/health clinics, etc.) integral to your medical activity and requiring nursing personnel (officers, enlisted or civilian) are located on the same post as your hospital?
- ___ ___ How many separate clinics integral to your medical activity and requiring nursing personnel are located off-post?
- ___ ___ ___ How many miles distant from the hospital is the separate clinic that is farthest from your hospital but integral to your medical activity?
- ___ ___ ___ What is the total number of all nursing personnel required to staff on-post, separated clinics, according to your latest approved manpower survey?
- ___ ___ ___ What is the number of nursing personnel presently authorized to staff these on-post clinics? (Use end of FY72 authorization)
- ___ ___ ___ How many nursing personnel are actually assigned to these on-post clinics as of 30 September 1972?
- ___ ___ ___ What is the total number of all nursing personnel required to staff off-post, separate clinics, according to your latest approved manpower survey?
- ___ ___ ___ What is the number of nursing personnel presently authorized to staff these off-post clinics? (Use end of FY72 authorization)
- ___ ___ ___ How many nursing personnel are actually assigned to these off-post clinics as of 30 September 1972?
- ___ ___ How many of the separate on-post clinics referred to above operate a separate Centralized Materiel Service (CMS)?
- ___ ___ How many of the separate off-post clinics referred to above operate a separate Centralized Materiel Service (CMS)?

Use back of page for comments.

Name and Title
of Individual(s)
Completing this Page

TOE MEDICAL UNITS

___ How many ACTIVE ARMY TOE MEDICAL UNITS, maintained in a training status, are located within the boundaries of your medical activity as of 30 September 1972? If none, write in a "0 0".

How many enlisted personnel and officers are there in all these units who have each of the following PMOS's? Enter "99" by each MOS if your answer above was "00". Enter "00" by MOS's not included among the TOE medical unit's personnel.

___ 91A

How did you obtain these figures?

___ 91B

___ 91C

___ 91D

___ 91F

___ 91H

___ If figures were supplied by another unit, do you believe they are (enter one)

___ 91M

1 = correct?

___ 91N

2 = too high?

___ 91U

3 = too low?

4 = don't know?

___ 3443

___ 3445

___ 3448

___ ANC Officers with PMOS other than 3 listed (specify) _____

Use back of page for comments.

Name and Title
of Individual(s)
Completing this Page

766

TOE MEDICAL UNITS: SUPPORT AND TRAINING

By PMOS, answer the following three questions about those officers and enlisted personnel of TOE Medical Units, not organic to your MEDDAC or medical activity, who provided a support service or received training in the nursing service in the medical treatment facilities of your medical activity during the last 12 months.

Col. 1. How many, by PMOS, were present for duty only?

Col. 2. How many by PMOS received O-J-T only?

Col. 3. How many by PMOS, were present for a combination of duty and O-J-T? (Exclude personnel reported under 1 and 2.)

	1 Duty	2 OJT	3 Combination
91A	---	---	---
91B	---	---	---
91C	---	---	---
91D	---	---	---
91F	---	---	---
91H	---	---	---
91M	---	---	---
91N	---	---	---
91U	---	---	---
3443	---	---	---
3448	---	---	---
3445	---	---	---
XXX**	---	---	---

**Officers with PMOS other than those 3 listed (please specify) _____

Use back of page for comments.

Name and Title of Individual(s)
Completing this page

INSERVICE EDUCATION AND TRAINING

For each of the five categories of personnel listed below, record the average number of students per month for FY72. By students we mean those officers and EMs who received health related inservice education or training courses. These courses are sometimes called Inservice Short Term or Long Term Courses, Functional Courses, and MOS Producing Courses. They may include any formal instruction, health related, provided by the hospital. Calculate the monthly average for FY72 by adding the total number for each month, then dividing by 12, and rounding to nearest whole number.

Officers

Enlisted Personnel

_____	_____	Members of Active Army TOE Medical Units
_____	_____	Members of Active Army Medical Units Organic to Non-medical TOE Organizations
_____	_____	Members of USAR and ARNGUS on ACDUTRA
_____	_____	Members of U.S. Uniformed Services Other than Army
_____	_____	Foreign Military Observers

Use back of page for comments.

Name and Title
of Individual(s)
Completing this Page

INSERVICE EDUCATION AND TRAINING: (Cont.)

Assigned Personnel

Provide the information requested in columns A through F on all inservice education and training programs presented by registered nurses (during FY72) for nursing personnel in your MEDDAC or medical activity. Also include other health-related courses for which ANC officers were instructors, and nursing courses for which enlisted nursing service personnel presented instruction.

Column A. Enter the number of times the program of instruction listed was given during FY72 (exclude OJT).

Column B. How many hours of formal instruction were presented by registered nurses of your MEDDAC or medical activity in teaching this course?

Column C. How many hours of formal instruction were presented by enlisted nursing service personnel?

Column D. How many ANC officers received this program of instruction during FY72?

Column E. How many enlisted nursing personnel received this program of instruction during FY72?

Column F. How many civilians received this program of instruction during FY72?

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
Formal Orientation Programs	-----	-----	-----	-----	-----	-----
Monthly Staff Development Programs (Exclude Chief Wardmaster's Staff Meetings)	-----	-----	-----	-----	-----	-----
Skill Training (MOS & Functional)	-----	-----	-----	-----	-----	-----

Use back of page for comments.

Name and Title
of Individual(s)
Completing this Page

INSERVICE EDUCATION AND TRAINING: (Cont.)

For each of the MOS-producing programs of instruction conducted for nursing personnel at your MEDDAC or medical activity, list the MOS produced by the program in Column A, and the number of personnel who completed the program during FY72 in Column B. List ANC MOS courses and the number completing them first, then enlisted nursing MOS courses (include only 91A, 91B, 91C, 91D and 91F courses) and the number completing them.

A	B
<u>ANC MOS</u>	<u>Number Completed</u>
-----	-----
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Use back of previous page for comments.

Name and Title of Individual(s)
Completing this Page

PATIENT CARE AND TREATMENT UNITS

On the next page record information that relates the physical organization of facilities, the workload and the staff.

For each kind of patient care and treatment unit listed on page 12, provide the information requested in columns A through F.

Units listed are not mutually exclusive. Consider each line an independent question, but only answer for kinds of units you have in your hospital.

Use the "Other Units" line to account for any units not covered by the list provided. Enter "00" in units not applicable to your hospital.

Column A. How many units (defined as wards, room or cubicles, but not as beds) were set up and staffed for use in your hospital during normal operations in FY 1972? Count rooms and cubicles separately only if they are not part of a ward. Do not double count.

Column B. What was the maximum number of units set up and staffed at any time during FY 1972?

Column C. What was the average daily patient census for each kind of unit during FY 1972 (annual patient total divided by 36 and rounded to nearest whole number)? For outpatient clinics, record average daily clinic visits.

Column D. What was the average daily bed occupancy for the hospital (all units) and all intensive care units during FY 1972 (annual bed occupancy days divided by 366 rounded to nearest whole number)?

Column E. What was the average daily patient census for each kind of unit during September 1972 (September patient total divided by 30 and rounded to nearest whole number)? For outpatient clinics, record average daily clinic visits.

Column F. What was the average daily bed occupancy for each kind of unit during September 1972 (bed occupancy days during September divided by 30 and rounded to nearest whole number)?

Write here the source of the annual patient total (Column C) or how it was calculated.

Write here the source of the annual bed occupancy days (Column D) or how it was calculated.

How many operating and delivery rooms (not suites) were set up and staffed --

Operating
Rooms

Delivery
Rooms

___ normally during FY72?

___ maximum during FY72?

___ during September 1972?

How many admissions were there to your hospital--

___ during FY72?

___ during September 1972?

How many live births occurred in your hospital--

___ during FY72?

___ during September 1972?

Record the total number of outpatient clinic and dispensary visits throughout your MEDDAC or medical activity --

___ during FY72?

___ during September 1972?

Enter the total number of Medical Care Composite Units (MCCU) of work in your medical activity

___ during FY72?

Enter the total number of MCCUs

___ during September 1972?

Record the total bed occupied days for all patients

___ during FY72?

___ during September 1972?

___ ___ How many cases of committee certified hospital acquired infections occurred in your hospital during FY 72? (Infections defined in accordance with AR 40-2, par. 93b, p. 41.)

___ ___ How many of these infections were urinary tract infections?

___ ___ Record here the hospital infection rate certified by your infection committee (AR 40-2, par. 94a(8), p.44). (Enter to one decimal place.)

In column A, record the average length of stay (days) for patients in your hospital during FY 72 in each category below. Enter to one decimal place, for example: 12.7).

In column B, give the number of cases on which the average length of stay is based.

<u>A</u>	<u>B</u>	
___	___	All patients throughout hospital (beds occupied, <u>not</u> patient census)
___	___	All general surgery patients
___	___	Appendicitis only*
___	___	Hernia only*
___	___	Cholelithiasis only*

(*Not complicated by any other diagnosis requiring hospitalization)

An intensive care patient is one who is acutely ill and requires continuous treatment and/or observation.

A minimal care patient is one who requires little or no nursing care.

Use these definitions to answer the next three questions.

___ ___ ___ What was your total bed occupied days for intensive care patients for September 1972?

___ ___ ___ What was your total bed occupied days for minimal care patients for September 1972?

___ ___ ___ What was your total bed occupied days for all other patients for September 1972?

NOTE: The total of the bed occupied days for the above three questions should equal the total bed occupied days reported by the Registrar (Patient Administration) for the month of September 1972.

___ ___ ___ How many rations were served to patients in the wards on Wednesday, 27 September 1972?

___ ___ ___ How many rations were served to patients in the hospital dining room(s) on Wednesday, 27 September 1972?

___ Is the total figure (rations served)--

1 = typical?

2 = higher than average?

3 = lower than average?

Name and Title
of Individual(s)
Completing this Page

In Column A, list the number of patient complaints (not other complaints) to the Inspector General for each of the months requested. In Column B, list the number of these complaints that are apparently related to the quality of patient care. In Column C, record the average daily number of beds occupied for each month. (Enter to one decimal place.)

	<u>A</u> Patient Complaints	<u>B</u> Complaints about Quality of Care	<u>C</u> Average Daily Beds Occupied
Aug. '71	— — —	— — —	— — — —
Sept. '71	— — —	— — —	— — — —
Oct. '71	— — —	— — —	— — — —
Dec. '71	— — —	— — —	— — — —
Feb. '72	— — —	— — —	— — — —
Mar. '72	— — —	— — —	— — — —
April '72	— — —	— — —	— — — —
May '72	— — —	— — —	— — — —
June '72	— — —	— — —	— — — —
July '72	— — —	— — —	— — — —

— — — How many reports of "Unusual Occurrences" (DA Form 8-249) were prepared on patients in your MEDDAC or medical activity during September 1972?

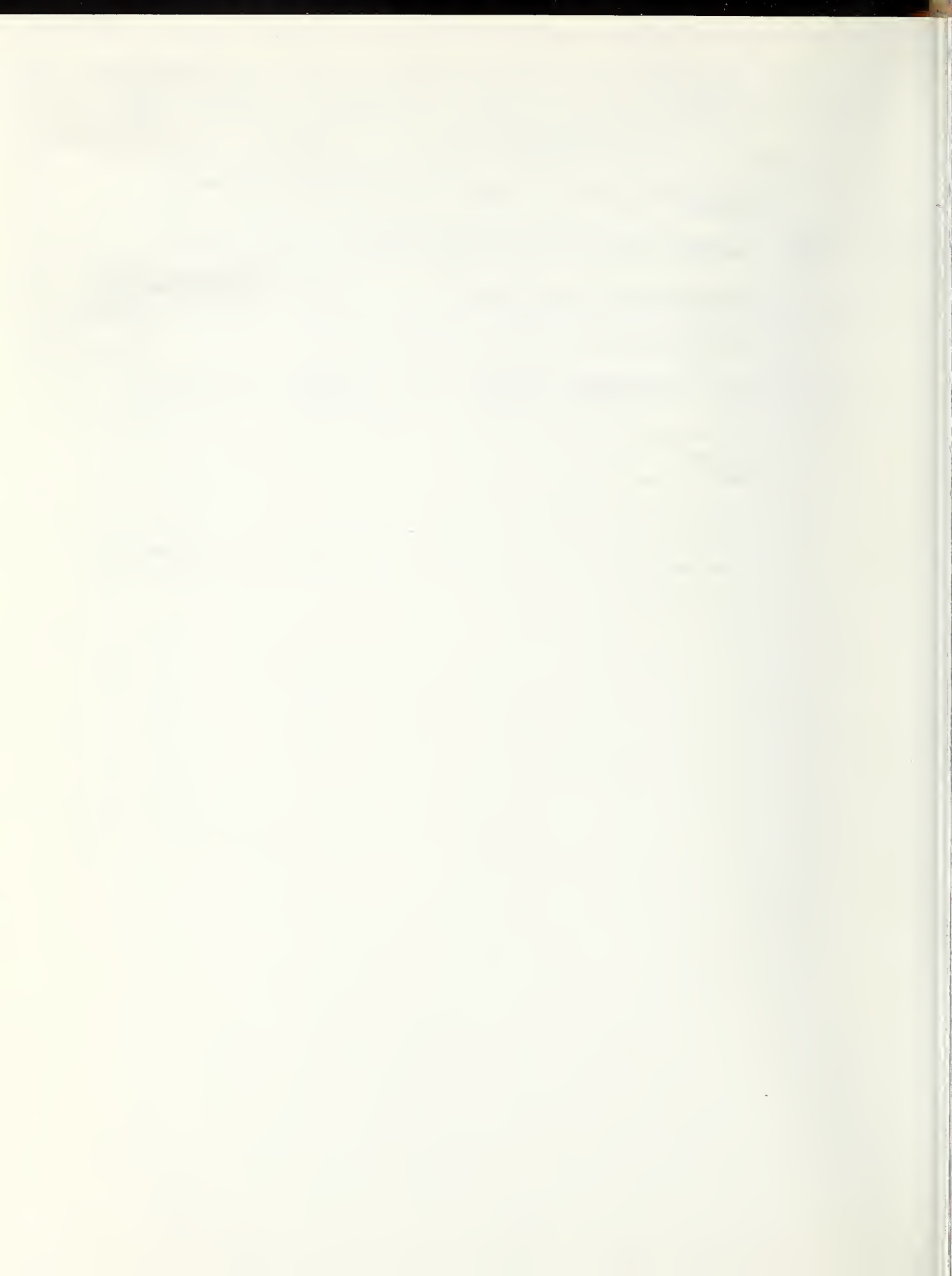
Of the total number above how many unusual occurrences were:

— — — errors in treatment and in medication administration?

— — — patients falling out of bed?

— — — injuries sustained by ambulatory patients?

— — — Other (specify)? _____



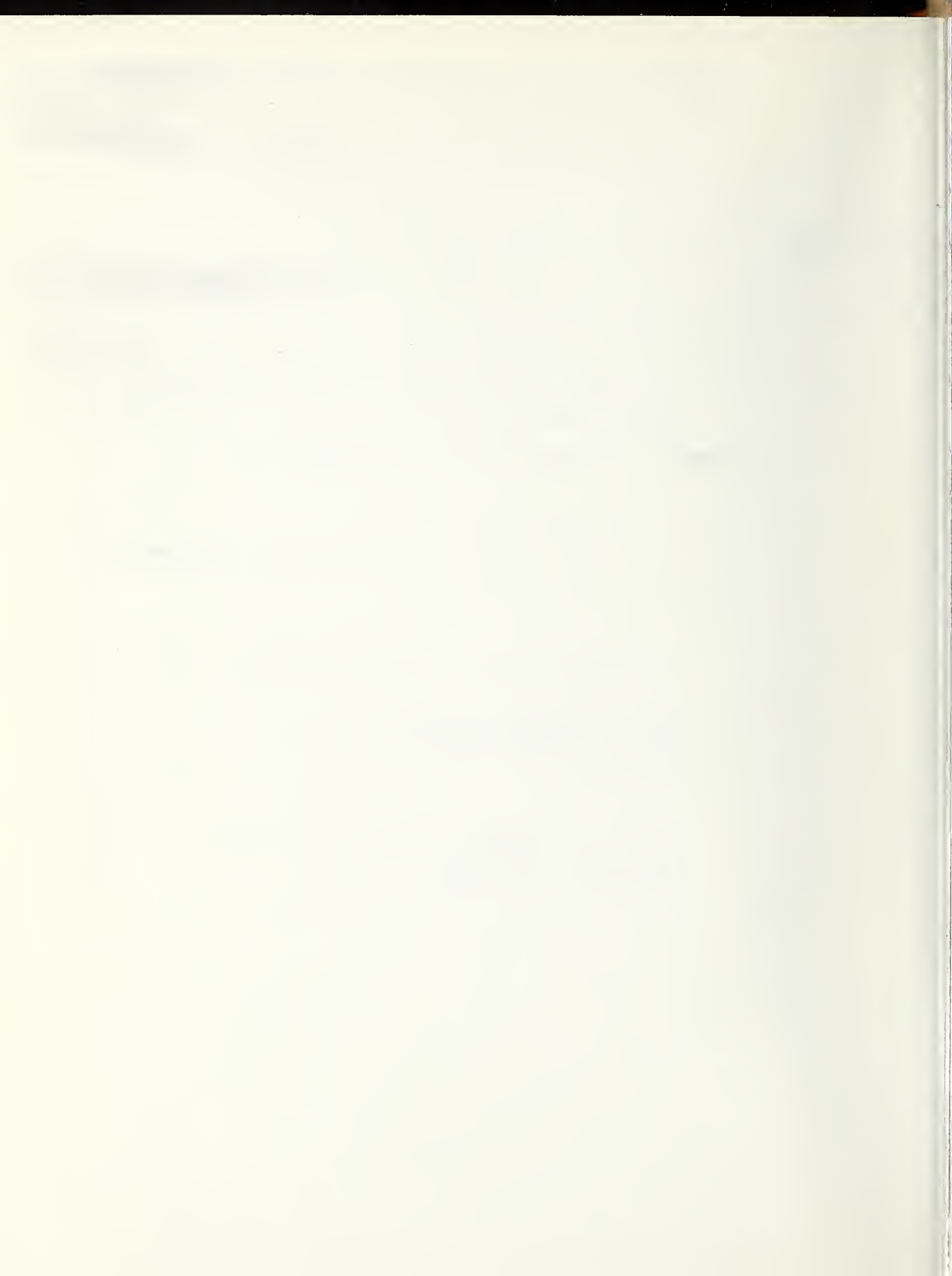
SURVEY OF NURSING PERSONNEL
SECTION C. TASKS IN YOUR WARD OR CLINIC

Conducted by

Technical Analysis Division
National Bureau of Standards
Washington, D.C. 20234

For

Office of The Surgeon General
Department of the Army
Washington, D.C. 20314



INSTRUCTIONS TO RESPONDENT

We have listed on the following pages some activities in which nurses and nursing personnel may be engaged during their daily work. We have arranged them in six general areas. Read each list of activities. Think of all the times any activity might be done within one shift. Then answer these two questions about each activity:

- A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses? (Column A)
- B. How often is it done by other nursing personnel (for example, corpsmen or civilian nursing assistants)? (Column B)

To answer use this scale:

- 1 = Never: the job is not here to do (not applicable) or it is done by someone other than Nursing Service personnel
- 2 = Seldom: do this once in a while, but no more than 1/4 of the time it's done
- 3 = Often: do this about 1/2 of the time it's done
- 4 = Frequently: do this about 3/4 of the time it's done
- 5 = Routinely: do this all or nearly all of the time it's done

Questions are numbered for key punch operators.

If you are in a staff or supervisory position above head nurse you should not be filling out this questionnaire, and should return it to the project officer or to whoever gave it to you. This questionnaire is to be completed only by a head or staff nurse of a ward or clinic.

MAIL SECTION C IN THE SAME ENVELOPE AS YOU MAIL THE ARMY NURSE CORPS OFFICERS
WORLD-WIDE QUESTIONNAIRE.

ADMINISTRATIVE/CLERICAL ACTIVITIES

- A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses?
- B. How often is it done by other nursing personnel (such as corpsmen or civilian nursing assistants)?

Scale

- 1 = Never
2 = Seldom: once in a while but no more than 1/4 of the time
3 = Often: about half of the times it's done
4 = Frequently: about 3/4 of the times it's done
5 = Routinely: all or nearly all of the times it's done

A	B	
REGISTERED NURSES	NURSING PERSONNEL OTHER THAN RN'S	
1/06	___	Answer and initiate telephone calls.
1/08	___	Type (as opposed to <u>handwrite</u>) essential communications within nursing services and between other services.
1/10	___	File administrative or clinical record reports.
1/12	___	Schedule appointments (e.g., clinics, consultations, etc.) for patients.
1/14	___	Maintain daily Admission and Disposition (A&D) rosters on ward units.
1/16	___	Collect records and reports to accompany patients for appointments, consultations, etc
1/18	___	Preassemble and maintain supply of clinical records or outpatient forms in advance of patients' admissions or visits.
1/20	___	Requisition supplies, equipment, or publications.
1/22	___	Prepare and sign Bulk Drug Order (DA Form 8-236) for bulk quantities of class "X" exempt narcotic preparations.

Scale

1 = Never

2 = Seldom: once in a while but no more than 1/4 of the time

3 = Often: about half of the times it's done

4 = Frequently: about 3/4 of the times it's done

5 = Routinely: all or nearly all of the times it's done

A
REGISTERED
NURSES

B
NURSING PERSONNEL
OTHER THAN RN'S

1/24	—	—	Prepare Prescription Form (DD Form 1289) for bulk quantities of stock record drugs or preparations.
1/26	—	—	Request diets or diet changes and maintain ward diet rosters.
1/28	—	—	Prepare written reports for disciplinary action on patients or personnel.
1/30	—		Considering all of these activities together, how much do they interfere with the performance of your and your staff's normal nursing duties? 1 = Much interference 2 = Some interference 3 = Little interference 4 = No interference
1/31	—		When the "seldom done" administrative and clerical activities <u>are</u> done by nursing personnel, how much do they interfere with the performance of normal nursing duties? 1 = Much interference 2 = Some interference 3 = Little interference 4 = No interference 9 = Does not apply

HOUSEKEEPING ACTIVITIES

A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses?

B. How often is it done by other nursing personnel?

Scale

1 = Never

2 = Seldom: once in a while but no more than 1/4 of the time

3 = Often: about half of the times it's done

4 = Frequently: about 3/4 of the times it's done

5 = Routinely: all or nearly all of the times it's done

A	B	
REGISTERED NURSES	NURSING PERSONNEL OTHER THAN RN'S	
1/32 —	—	Perform housekeeping services in space occupied by patients, e.g., wards, day rooms, clinic waiting rooms.
1/34 —	—	Clean units following patients' discharge or transfer, including making of unoccupied beds.
1/36 —	—	Clean and straighten medical or administrative offices, sleeping rooms, dressing rooms, examining rooms, nurses' station, etc.
1/38 —	—	Perform housekeeping services in areas other than space occupied by patients, e.g., corridors, offices, stairwells, auditoriums, etc.
1/40 —	—	Collect or empty or clean garbage cans and wastebaskets.
1/42 —	—	Clean and maintain ward nourishment centers.
1/44 —	—	Paint wards, rooms, radiators, etc. Make minor carpentry, mechanical, plumbing, etc., repairs.
1/46 —	—	Perform periodic floor refinishing, i.e., applying solvent, washing, scrubbing, and waxing.
1/48 —	—	Clean walls, ceilings, window screens, venetian blinds, lights, vent and curtains, windows, change cubicle drapes.

1/50 —

Considering all of these activities together, how much do they interfere with the performance of your and your staff's normal nursing duties?

- 1 = Much interference
- 2 = Some interference
- 3 = Little interference
- 4 = No interference

1/51 —

When the "seldom done" housekeeping activities are done by nursing personnel, how much do they interfere with the performance of normal nursing duties?

- 1 = Much interference
- 2 = Some interference
- 3 = Little interference
- 4 = No interference
- 9 = Does not apply

DELIVERY & MESSENGER ACTIVITIES

- | |
|---|
| <p>A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses?</p> <p>B. How often is it done by other nursing personnel?</p> |
|---|

Scale

- 1 = Never
- 2 = Seldom: once in a while but no more than 1/4 of the time
- 3 = Often: about half of the times it's done
- 4 = Frequently: about 3/4 of the times it's done
- 5 = Routinely: all or nearly all of the times it's done

	A	B	
	REGISTERED NURSES	NURSING PERSONNEL OTHER THAN RN'S	
1/52	—	—	Pick up or distribute materials to and from Message Center or Information Desk.
1/54	—	—	Pick up or distribute patients' mail.
1/56	—	—	Pick up publications and forms.
1/58	—	—	Pick up and return X-ray films or reports from Radiology Service.
1/60	—	—	Pick up and deliver Bulk Drug Orders to Pharmacy.
1/62	—	—	Pick up and deliver emergency drug order requests to Pharmacy.
1/64	—	—	Pick up and return Centralized Materiel Service (CMS) supplies and equipment for routine use.
1/66	—	—	Pick up and return CMS supplies or equipment for emergency use.
1/68	—	—	Pick up and return medical supplies or equipment.
1/70	—	—	Deliver clinical laboratory specimens to Pathology Service.
1/72	—	—	Pick up reports or supplies from Pathology Service.
1/74	—	—	Transport anatomical/tissue specimens or the deceased to Pathology Service.

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Scale

- 1 = Never
- 2 = Seldom: once in a while but no more than 1/4 of the time
- 3 = Often: about half of the times it's done
- 4 = Frequently: about 3/4 of the times it's done
- 5 = Routinely: all or nearly all of the times it's done

	A	B	
	REGISTERED NURSES	NURSING PERSONNEL OTHER THAN RN'S	
1/76	—	—	Pick up general commodity (Q.M.) supplies or equipment.
1/78	—	—	Return meal trays from patients to food carts or ward kitchen.
1/80	<u>9</u>		
2/06	—	—	Transport linen to and from laundry.
2/08	—	—	Pick up nourishment or special formulas from Food Service.
2/10	—	—	Pick up and return food carts or containers from Food Service.
2/12	—		Considering all of these messenger and delivery activities together, how much do they interfere with the performance of your and your staff's normal nursing duties? 1 = Much interference 2 = Some interference 3 = Little interference 4 = No interference
2/13	—		When "seldom done" delivery and messenger activities <u>are</u> done by nursing personnel, how much do they interfere with normal nursing duties? 1 = Much interference 2 = Some interference 3 = Little interference 4 = No interference 9 = Does not apply
			Use this scale for the next four questions: 1 = Yes 2 = No
2/14	—		Does the hospital provide messenger service during your shift?
2/15	—		On Weekends?
2/16	—		Does the hospital provide pick up and delivery service during your shift?
2/17	—		On Weekends?

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PERFORMING A SERVICE FOR ANOTHER SERVICE

A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses?

B. How often is it done by other nursing personnel?

Scale

1 = Never

2 = Seldom: once in a while but no more than 1/4 of the time

3 = Often: about half of the times it's done

4 = Frequently: about 3/4 of the times it's done

5 = Routinely: all or nearly all of the times it's done

A

B

REGISTERED
NURSES

NURSING PERSONNEL
OTHER THAN RN'S

2/18	___	___	Manage or coordinate Ambulance Service.
2/20	___	___	Add prescribed additives to multiple units of stock intravenous solutions as an advance preparation measure to provide a daily supply for using units' consumption.
2/22	___	___	Fill or dispense individual prescriptions from stock drugs (exclude medication administered to your own patients).
2/24	___	___	Operate pharmacies.
2/26	___	___	Administer physical therapy, e.g., whirlpool, diathermy, etc.
2/28	___	___	Perform clinical laboratory procedures (other than nursing procedures such as Clinitest), e.g., perform urinalysis, blood counts, blood gas analysis.
2/30	___	___	Draw blood specimens for clinical laboratory examination.
2/32	___	___	Prepare patients' meals or special feeding formulas or nourishments.
2/34	___	___	Serve meal trays or nourishments to patients from food carts or ward kitchens.

Scale

- 1 = Never
- 2 = Seldom: once in a while but no more than 1/4 of the time
- 3 = Often: about half of the times it's done
- 4 = Frequently: about 3/4 of the times it's done
- 5 = Routinely: all or nearly all of the times it's done

A
REGISTERED
NURSES

B
NURSING PERSONNEL
OTHER THAN RN'S

- | | | | |
|------|---|---|--|
| 2/36 | — | — | Clean supplies or equipment. |
| 2/38 | — | — | Sterilize supplies or equipment. |
| 2/40 | — | — | Assemble and wrap packs for autoclaving. |
| 2/42 | — | — | Separate and count or sort and shelve linen. |

2/44 — Considering all of these activities together, how much do they interfere with the performance of your and your staff's normal nursing duties?

- 1 = Much interference
- 2 = Some interference
- 3 = Little interference
- 4 = No interference

2/45 — When "seldom done" services are performed for other elements or services of your MEDDAC or medical activity, how much do they interfere with the performance of normal nursing duties?

- 1 = Much interference
- 2 = Some interference
- 3 = Little interference
- 4 = No interference
- 9 = Does not apply

CHAPERONE AND ATTEND PATIENTS

- A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses?
- B. How often is it done by other nursing personnel?

Scale

- 1 = Never
2 = Seldom: once in a while, but no more than 1/4 of the time
3 = Often: about half of the times it's done
4 = Frequently: about 3/4 of the times it's done
5 = Routinely: all or nearly all of the times it's done

A	B	
REGISTERED NURSES	NURSING PERSONNEL OTHER THAN RN'S	
2/46	—	<u>Attend</u> patients going to or from Operating Room or other patient care, diagnostic, or treatment units.
2/48	—	<u>Attend</u> patients on air, rail, or ambulance evacuation.
2/50	—	Chaperone female patients on other than assigned unit.
2/52	—	Considering all of these activities together, how much do they interfere with the performance of your and your staff's normal nursing duties? 1 = Much interference 2 = Some interference 3 = Little interference 4 = No interference
2/53	—	When "seldom done" chaperoning or attending patients <u>is</u> done, how much does it interfere with the performance of normal nursing duties? 1 = Much interference 2 = Some interference 3 = Little interference 4 = No interference 9 = Does not apply

TRANSPORT PATIENTS

- A. Of all the times the activity is done in your ward or clinic, how often is it done by registered nurses?
- B. How often is it done by other nursing personnel?

Scale

- 1 = Never
- 2 = Seldom: once in a while but no more than 1/4 of the time
- 3 = Often: about half of the times it's done
- 4 = Frequently: about 3/4 of the times it's done
- 5 = Routinely: all or nearly all of the times it's done

A REGISTERED NURSES	B NURSING PERSONNEL OTHER THAN RN'S
---------------------------	---

- | | |
|------|--|
| 2/54 | <u>Take patients to or from specialty clinics, x-ray labs, etc.</u> |
| 2/56 | <u>Take patients to or from administrative areas, e.g., clothing & baggage, A&D, etc.</u> |
| 2/58 | Considering these activities together, how much do they interfere with the performance of you, and your staff's normal nursing duties?

1 = Much interference
2 = Some interference
3 = Little interference
4 = No interference |
| 2/59 | If patients are "seldom" transported by nursing personnel, how much does it interfere with normal nursing duties when it does occur?

1 = Much interference
2 = Some interference
3 = Little interference
4 = No interference
9 = Does not apply |

- 1 = A medical ward?
- 2 = An outpatient clinic?
- 3 = Other (specify)? _____

2/61 ___ Do you work on the --

- 1 = Evening shift?
- 2 = Night shift?
- 3 = Day shift?

In what nursing service area do you work? _____

Are there any other duties or services which you or your staff perform which you feel are non-nursing and time consuming? Please list them here:

How would you describe the situation on your ward with respect to the main reasons why nursing personnel do or do not do the kinds of tasks you were asked about in this questionnaire? _____

Be sure to mail SECTION C in the same envelope as you mail the ARMY NURSE CORPS OFFICERS WORLD-WIDE QUESTIONNAIRE.

Reports Control Symbol
MED- (OT) -295

SURVEY OF NURSING PERSONNEL

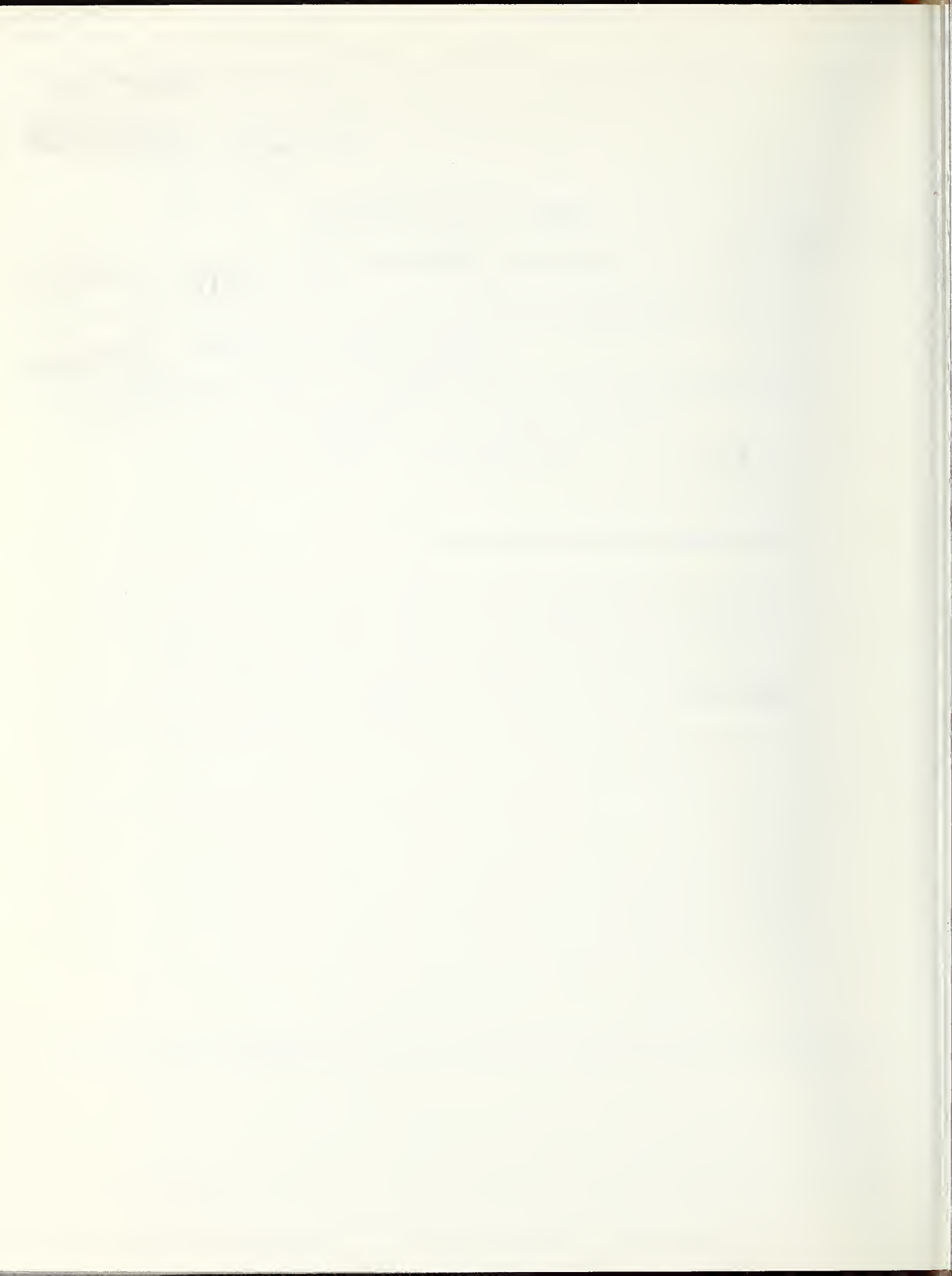
SECTION D: NON-NURSING TASKS

Conducted by the Technical Analysis Division
National Bureau of Standards
Washington, D.C. 20234

For the Office of The Surgeon General
Department of the Army
Washington, D.C. 20314

TO BE COMPLETED BY THE CHIEF NURSE.

Please list those duties or activities that take Nursing Service
personnel away from their normal duty stations during normal
duty hours.



SIMULATION OF A PREFERRED CONFIGURATION OF THE ARMY NURSE CORP FORCE STRUCTURE

NUMBER OF YEARS SIMULATED
5

FIRST YEAR SIMULATED
1973

YEAR	PERMANENT PROMOTION POINTS FOR REGULARS					PERMANENT PROMOTION POINTS FOR RESERVES						
	2LT	1LT	CPT	MAJ	LTC COL	2LT	1LT	CPT	MAJ	LTC COL		
1973	2	4	9	15	21	0	2	4	9	15	21	0
1974	2	5	10	15	21	0	2	5	10	15	21	0
1975	2	5	11	16	22	0	2	5	11	16	22	0
1976	2	5	11	16	22	0	2	5	11	16	22	0
1977	2	5	11	16	22	0	2	5	11	16	22	0

PROBABILITY OF PERMANENT PROMOTION FOR THOSE IN ZONE OF CONSIDERATION

2LT	1LT	CPT	MAJ	LTC COL
.99	.95	.80	.80	.45 .00

YEAR	TEMPORARY PROMOTION POINTS FOR REGULARS					TEMPORARY PROMOTION POINTS FOR RESERVES						
	2LT	1LT	CPT	MAJ	LTC COL	2LT	1LT	CPT	MAJ	LTC COL		
1973	2	4	9	15	21	0	2	4	9	15	21	0
1974	2	5	10	15	21	0	2	5	10	15	21	0
1975	2	5	11	16	22	0	2	5	11	16	22	0
1976	2	5	11	16	22	0	2	5	11	16	22	0
1977	2	5	11	16	22	0	2	5	11	16	22	0

PROBABILITY OF TEMPORARY PROMOTION FOR THOSE IN ZONE OF CONSIDERATION

2LT	1LT	CPT	MAJ	LTC COL
.99	.95	.80	.80	.45 .00

AUTHORIZED YEAR-END-STRENGTHS

YEAR	1973	3597
YEAR	1974	3597
YEAR	1975	3597
YEAR	1976	3597
YEAR	1977	3597

GROUP ATTRITION RATES AND COEFFICIENTS OF LINEAR LEAST SQUARES FIT FOR OBTAINING RELATIVE ATTRITION PROPENSITIES

FIT OBTAINED USING ATTRITION DATA FROM THE YEARS 1968 THROUGH 1972

REGULARS

YEARS AFS	2LT		1LT		CPT		MAJ		LTC		COL		GROUP RATE
	A	B	A	B	A	B	A	B	A	B	A	B	
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
3	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.013
5	.000	.000	.000	.000	.198	.247	.000	.000	.000	.000	.000	.000	.029
6	.000	.000	.000	.000	-.024	1.164	-.161	.806	.000	.000	.000	.000	.060
7	.000	.000	.000	.000	-.284	1.652	-.034	.772	.000	.000	.000	.000	.061
8	.000	.000	.000	.000	-1.502	6.985	-.034	.406	.000	.000	.000	.000	.051
9	.000	.000	.000	.000	-1.571	8.169	.060	.100	.000	.000	.000	.000	.033
10	.000	.000	.000	.000	.446	-.642	.096	.347	.000	.000	.000	.000	.038
11	.000	.000	.000	.000	.433	-.433	.201	.307	.000	.000	.000	.000	.041
12	.000	.000	.000	.000	.000	.000	.033	.818	.000	.000	.000	.000	.021
13	.000	.000	.000	.000	.000	.000	.114	.466	.000	.000	.000	.000	.015
14	.000	.000	.000	.000	.000	.000	.430	-.695	.000	.000	.000	.000	.015
15	.000	.000	.000	.000	.000	.000	.132	.234	.000	.000	.000	.000	.024
16	.000	.000	.000	.000	.000	.000	.356	.667	.000	.000	.000	.000	.015
17	.000	.000	.000	.000	.000	.000	-.324	1.297	.261	-.522	.000	.000	.013
18	.000	.000	.000	.000	.000	.000	-.244	.978	.231	-.463	.000	.000	.010
19	.000	.000	.000	.000	.000	.000	-.259	1.294	-.575	2.675	.000	.000	.013
20	.000	.000	.000	.000	.000	.000	-.553	3.880	-.215	.862	.000	.000	.029
21	.000	.000	.000	.000	.000	.000	.170	1.609	.079	.466	.000	.000	.037
22	.000	.000	.000	.000	.000	.000	.381	1.217	.049	.697	.000	.367	.297
23	.000	.000	.000	.000	.000	.000	-.760	4.201	.260	-.043	.193	.385	.262
24	.000	.000	.000	.000	.000	.000	-.560	2.487	.070	.934	.332	-.626	.314
25	.000	.000	.000	.000	.000	.000	-.350	2.599	-.023	.756	-.582	2.704	.239
26	.000	.000	.000	.000	.000	.000	-.781	4.051	-.080	1.131	.303	-.528	.288
27	.000	.000	.000	.000	.000	.000	.950	-1.900	.099	.771	.077	.212	.252
28	.000	.000	.000	.000	.000	.000	.186	.314	.040	1.210	-.076	1.127	.508
29	.000	.000	.000	.000	.000	.000	.000	.000	.033	.033	.047	.563	.507
30	.000	.000	.000	.000	.000	.000	.000	.000	.267	-.533	.078	.344	.550
31	.000	.000	.000	.000	.000	.000	.133	.133	.133	-.133	.267	-.267	.550

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GROUP ATTRITION RATES AND COEFFICIENTS OF LINEAR LEAST SQUARES FIT FOR OBTAINING RELATIVE ATTRITION PROPENSITIES

FIT OBTAINED USING ATTRITION DATA FROM THE YEARS 1968 THROUGH 1972

RESERVES

YEARS AFS	ZLT		ILT		CPT		MAJ		LTC		COL		GROUP RATE
	A	B	A	B	A	B	A	B	A	B	A	B	
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
3	.215	1.402	.029	1.241	-.026	.685	.389	-.499	.000	.000	.000	.000	.423
4	-.257	1.780	-.077	1.947	.052	.354	-.050	.343	.000	.000	.000	.000	.479
5	-.270	1.453	.058	1.368	-.008	.970	-.032	.128	.000	.000	.000	.000	.417
6	-.272	1.417	-.046	1.136	-.035	1.209	-.011	.072	.000	.000	.000	.000	.427
7	.000	.349	-.131	1.461	-.079	1.512	.024	.105	.000	.000	.000	.000	.328
8	.000	1.000	.048	2.893	-.068	1.534	-.023	.276	.000	.000	.000	.000	.244
9	.000	.000	1.040	2.058	-.258	1.858	.048	.837	.000	.000	.000	.000	.140
10	.000	.000	-.329	1.643	-.297	1.910	-.184	1.290	.000	.000	.000	.000	.089
11	.000	.000	.000	.000	-.765	4.240	.026	.746	.000	.000	.000	.000	.078
12	.000	.000	.000	4.000	-1.301	6.178	-.249	1.059	1.200	-.1.200	.000	.000	.038
13	.000	.000	.000	.000	-1.945	11.800	.374	-.415	.000	.000	.000	.000	.044
14	.000	.000	.000	.000	-1.383	5.983	.020	.777	.000	.000	.000	.000	.036
15	.000	.000	.000	.000	.000	.000	-.218	1.243	.000	.000	.000	.000	.008
16	.000	.000	.000	.000	-2.300	11.500	-.219	.995	.000	.000	.000	.000	.024
17	.000	.000	.000	.000	.000	.000	.252	.389	.240	-.240	.000	.000	.018
18	.000	.000	.000	.000	.000	.000	.407	-.590	.000	.000	.000	.000	.026
19	.000	.000	.000	.000	.000	2.900	.091	.680	-.394	1.764	.000	.000	.038
20	.000	.000	.000	.000	.000	.000	.973	-.519	-.070	.600	.000	.000	.212
21	.000	.000	.000	.000	.000	.267	.002	1.083	.143	.222	.000	.000	.866
22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
23	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
24	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
25	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
27	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
29	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
31	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

MONTHLY PAY SCALE
OF THE
ARMY NURSE CORP

YEARS AFS	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT
YEAR 0	530.70	611.40	701.40	754.80	894.90	1119.00	.00	.00	.00
YEAR 1	530.70	611.40	701.40	754.80	894.90	1119.00	.00	.00	.00
YEAR 2	530.70	611.40	701.40	754.80	894.90	1119.00	.00	.00	.00
YEAR 3	552.60	667.80	783.90	918.30	1051.50	1230.00	.00	.00	.00
YEAR 4	667.80	802.20	837.60	980.40	1123.50	1310.10	.00	.00	.00
YEAR 5	667.80	828.90	927.30	980.40	1123.50	1310.10	667.80	828.90	927.30
YEAR 6	667.80	828.90	927.30	980.40	1123.50	1310.10	667.80	828.90	927.30
YEAR 7	667.80	846.30	971.40	997.80	1123.50	1310.10	713.10	846.30	971.40
YEAR 8	667.80	846.30	971.40	997.80	1123.50	1310.10	713.10	846.30	971.40
YEAR 9	667.80	846.30	1006.50	1042.50	1123.50	1310.10	739.80	873.00	1006.50
YEAR 10	667.80	846.30	1006.50	1042.50	1123.50	1310.10	739.80	873.00	1006.50
YEAR 11	667.80	846.30	1006.50	1113.50	1158.30	1310.10	766.20	918.30	1060.50
YEAR 12	667.80	846.30	1006.50	1113.50	1158.30	1310.10	766.20	918.30	1060.50
YEAR 13	667.80	846.30	1113.30	1176.30	1219.80	1310.10	793.20	954.00	1113.30
YEAR 14	667.80	846.30	1113.30	1176.30	1219.80	1310.10	793.20	954.00	1113.30
YEAR 15	667.80	846.30	1140.60	1230.00	1301.40	1354.50	828.90	980.40	1158.30
YEAR 16	667.80	846.30	1140.60	1230.00	1301.40	1354.50	828.90	980.40	1158.30
YEAR 17	667.80	846.30	1140.60	1283.40	1308.90	1568.70	828.90	980.40	1158.30
YEAR 18	667.80	846.30	1140.60	1283.40	1308.90	1568.70	828.90	980.40	1158.30
YEAR 19	667.80	846.30	1140.60	1319.10	1479.30	1648.80	828.90	980.40	1158.30
YEAR 20	667.80	846.30	1140.60	1319.10	1479.30	1648.80	828.90	980.40	1158.30
YEAR 21	667.80	846.30	1140.60	1319.10	1523.70	1684.50	828.90	980.40	1158.30
YEAR 22	667.80	846.30	1140.60	1319.10	1523.70	1684.50	828.90	980.40	1158.30
YEAR 23	667.80	846.30	1140.60	1319.10	1577.40	1782.60	828.90	980.40	1158.30
YEAR 24	667.80	846.30	1140.60	1319.10	1577.40	1782.60	828.90	980.40	1158.30
YEAR 25	667.80	846.30	1140.60	1319.10	1577.40	1782.60	828.90	980.40	1158.30
YEAR 26	667.80	846.30	1140.60	1319.10	1577.40	1782.60	828.90	980.40	1158.30
YEAR 27	667.80	846.30	1140.60	1319.10	1577.40	1933.20	828.90	980.40	1158.30
YEAR 28	667.80	846.30	1140.60	1319.10	1577.40	1933.20	828.90	980.40	1158.30
YEAR 29	667.80	846.30	1140.60	1319.10	1577.40	1933.20	828.90	980.40	1158.30
YEAR 30	667.80	846.30	1140.60	1319.10	1577.40	1933.20	828.90	980.40	1158.30
YEAR >30	667.80	846.30	1140.60	1319.10	1577.40	1933.20	828.90	980.40	1158.30

** OFFICERS WITH GREATER THAN 4 YEARS SERVICE AS NON-COMMISSIONED OFFICERS

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DISTRIBUTION OF TRANSFEREES FROM USAR TO RA
OVER YEARS OF ACTIVE FEDERAL SERVICE

AFS	PERCENTAGE
0	.01
1	.02
2	.07
3	.17
4	.11
5	.12
6	.08
7	.06
8	.07
9	.05
10	.06
11	.06
12	.03
13	.02
14	.02
15	.02
16	.02
17	.01
18	.01
19	.01
20	.01

INITIAL STATUS OF THE ARMY NURSE CORPS

	NUMBER	YEARLY PAY
REGULAR ARMY	827	11639220.
RESERVES	3297	30700670.
TOTAL	4124	42339890.

THE AUTHORIZED YEAR END STRENGTH IS 4124

BREAKDOWN BY RANK AND SERVICE COMPONENT

RANK	SC	NUMBER	SEPARATED		PROMOTED TO		CHANGED FROM		RECRUITED	PAY
			INVOL	ATTRIT	TEMP	PERM	USAR TO RA	MOS		
2LT	R	1	0	0	0	0	0	0	0	6368.
2LT	V	410	0	0	0	0	0	0	0	2616242.
1LT	R	4	0	0	0	0	0	0	0	30701.
1LT	V	1296	0	0	0	0	0	0	0	9941299.
CPT	R	296	0	0	0	0	0	0	0	3349051.
CPT	V	1206	0	0	0	0	0	0	0	12563518.
MAJ	R	234	0	0	0	0	0	0	0	3199157.
MAJ	V	24	0	0	0	0	0	0	0	3619447.
LTC	R	204	0	0	0	0	0	0	0	4439189.
LTC	V	116	0	0	0	0	0	0	0	1865014.
COL	R	28	0	0	0	0	0	0	0	614784.
COL	V	5	0	0	0	0	0	0	0	95000.
TOTAL		4124	0	0	0	0	0	0	0	42339890.

BREAKDOWN BY MOS

MOS	NUMBER	DESIRED NUMBER	DIFFERENCE	SEPARATED		PROMOTED TO		CHANGED FROM		RECRUITED	COST
				INVOL	ATTRIT	TEMP	PERM	USAR TO RA	MOS		
3446	138	138	0	0	0	0	0	0	0	0	1609831.
3445	278	278	0	0	0	0	0	0	0	0	3619856.
3443	381	381	0	0	0	0	0	0	0	0	4205170.
3442	136	136	0	0	0	0	0	0	0	0	1477524.
3437	191	191	0	0	0	0	0	0	0	0	2162711.
3431	116	116	0	0	0	0	0	0	0	0	1409303.
3430	57	57	0	0	0	0	0	0	0	0	1056791.
3448	1409	1409	0	0	0	0	0	0	0	0	16102566.
3449	1019	1019	0	0	0	0	0	0	0	0	7864534.
OTHER	399	399	0	0	0	0	0	0	0	0	2831602.
TOTAL	4124	4124	0	0	0	0	0	0	0	0	42339890.

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INITIAL PROFILE
BREAKDOWN BY YEARS OF ACTIVE FEDERAL SERVICE

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	0	0	0	3	221	493	27	0	0	0	741	162	263	14	1	0	0	440	
2	0	1	7	0	0	8	3	23	271	100	1	0	0	741	222	494	28	0	0	0	744	
3	0	2	8	0	0	10	3	1	127	232	0	0	0	395	23	272	107	1	0	0	403	
4	0	0	20	0	0	20	20	1	108	242	1	0	0	352	1	129	240	0	0	0	370	
5	0	0	48	1	0	49	49	1	11	278	12	0	0	302	1	11	326	1	0	0	372	
6	0	0	64	1	0	65	65	1	6	126	6	0	0	139	1	6	190	7	0	0	204	
7	0	0	38	4	0	42	42	0	9	69	13	0	0	91	0	9	107	17	0	0	133	
8	0	0	58	12	0	70	70	0	1	28	19	0	0	48	0	1	86	31	0	0	118	
9	0	0	21	14	0	35	35	0	0	24	15	3	0	42	0	0	45	29	3	0	77	
10	0	0	11	32	0	43	43	0	2	12	24	1	0	39	0	2	23	56	1	0	82	
11	0	0	14	23	1	38	38	0	0	18	19	1	0	38	0	0	32	42	2	0	76	
12	0	0	2	32	2	36	36	0	1	13	14	2	0	30	0	1	15	46	4	0	66	
13	0	0	1	32	8	41	41	0	2	7	20	3	0	32	0	2	8	52	11	0	73	
14	0	0	1	33	10	44	44	0	0	2	26	6	0	34	0	0	3	59	16	0	78	
15	0	0	0	19	18	37	37	0	0	1	17	15	0	33	0	0	1	36	33	0	70	
16	0	0	1	8	31	40	40	0	1	1	21	17	1	41	0	1	2	29	48	1	81	
17	0	0	0	11	35	46	46	0	5	5	21	20	1	47	0	0	5	32	55	1	93	
18	0	0	1	4	31	36	36	0	1	2	14	16	1	34	0	1	3	18	47	1	70	
19	0	0	0	4	29	33	33	0	0	2	19	17	1	39	0	0	2	23	46	1	72	
20	0	0	0	2	24	26	26	0	0	1	0	9	1	10	0	0	1	2	33	0	36	
21	0	0	0	2	28	34	34	0	0	0	0	3	0	3	0	0	0	2	31	4	37	
22	0	0	0	0	18	17	17	0	0	0	0	1	0	1	0	0	0	0	17	1	18	
23	0	0	0	0	15	2	2	0	0	0	1	0	1	2	0	0	0	1	15	3	19	
24	0	0	0	0	5	1	1	0	0	1	0	1	0	2	0	0	1	0	6	1	8	
25	0	0	0	0	2	3	3	0	0	0	0	0	0	0	0	0	0	0	2	3	6	
26	0	0	0	0	1	6	6	0	0	0	0	1	0	1	0	0	0	0	2	5	7	
27	0	0	0	0	8	7	15	0	0	0	0	0	0	0	0	0	0	0	8	7	18	
28	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
29	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
>30	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	
TOTAL	1	4	296	234	264	20	827	410	1296	1206	264	116	5	3297	411	1300	1502	498	380	33	4124	

INITIA - PROFILE
BREAKDOWN BY YEARS OF ACTIVE FEDERAL COMMISSIONED SERVICE

YEARS AFCS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL
0	0	0	0	0	0	0	0	228	373	16	1	0	0	618	228	373	16	1	0	0	618
1	1	1	2	0	0	0	4	181	745	37	0	0	0	963	192	746	39	0	0	0	967
2	0	0	15	0	0	0	18	1	170	384	1	0	0	556	1	173	399	1	0	0	574
3	0	0	18	0	0	0	18	0	5	278	1	0	0	284	0	5	296	1	0	0	302
4	0	0	41	0	0	0	41	0	3	163	1	0	0	167	0	3	204	1	0	0	208
5	0	0	71	1	0	0	72	0	0	140	12	0	0	152	0	0	211	13	0	0	224
6	0	0	65	1	0	0	66	0	0	115	8	0	0	123	0	0	180	19	0	0	189
7	0	0	93	4	0	0	97	0	0	38	17	0	0	55	0	0	81	21	0	0	102
8	0	0	38	18	0	0	56	0	0	25	29	1	0	55	0	0	63	47	1	0	111
9	0	0	1	25	0	0	26	0	0	5	19	3	0	27	0	0	6	44	3	0	53
10	0	0	2	36	0	0	38	0	0	2	22	1	0	25	0	0	4	58	1	0	63
11	0	0	0	35	1	0	36	0	0	2	15	1	0	18	0	0	2	50	2	0	54
12	0	0	0	28	3	0	31	0	0	1	19	2	0	22	0	0	1	47	5	0	53
13	0	0	0	29	8	0	37	0	0	0	30	7	0	37	0	0	0	59	16	0	74
14	0	0	0	34	14	0	48	0	0	0	21	8	0	29	0	0	0	55	22	0	77
15	0	0	0	4	22	0	26	0	0	0	13	14	0	27	0	0	0	17	36	0	53
16	0	0	0	7	33	0	40	0	0	0	15	22	1	38	0	0	0	22	55	1	78
17	0	0	0	5	27	0	32	0	0	0	14	15	1	30	0	0	0	19	42	1	62
18	0	0	0	1	26	0	27	0	0	0	10	13	1	24	0	0	0	11	39	1	51
19	0	0	0	3	31	0	34	0	0	0	16	14	1	31	0	0	0	19	45	1	65
20	0	0	0	2	25	0	27	0	0	0	0	8	0	8	0	0	0	2	33	0	35
21	0	0	0	1	29	4	34	0	0	0	0	3	0	3	0	0	0	1	32	4	37
22	0	0	0	0	14	1	15	0	0	0	0	2	0	2	0	0	0	0	16	1	17
23	0	0	0	0	15	2	17	0	0	0	0	0	1	1	0	0	0	0	15	3	18
24	0	0	0	0	5	1	6	0	0	0	0	1	0	1	0	0	0	0	6	1	7
25	0	0	0	0	2	3	5	0	0	0	0	0	0	0	0	0	0	0	2	3	6
26	0	0	0	0	1	5	6	0	0	0	0	1	0	1	0	0	0	0	2	3	7
27	0	0	0	0	8	7	15	0	0	0	0	0	0	0	0	0	0	0	8	7	18
28	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2
29	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	4	296	234	264	28	827	410	1296	1206	264	116	5	3297	411	1300	1502	498	380	33	4124

INITIAL PROFILE
BREAKDOWN FOR MOS 3445

YEARS AFS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	143	0	13	75	35	11	1	135	0	13	123	87	49	6	276	

INITIAL PROFILE
BREAKDOWN FOR MOS 3442

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL	
0	0	0	0	0	0	0	3	4	1	0	0	0	3	4	1	0	0	0	8
1	0	1	0	0	0	0	1	7	2	0	0	0	1	8	2	0	0	0	10
2	0	0	0	0	0	0	0	7	4	0	0	0	0	7	6	0	0	0	13
3	0	0	1	0	0	0	0	7	11	0	0	0	0	7	12	0	0	0	18
4	0	0	0	0	0	0	0	1	11	0	0	0	0	1	11	0	0	0	12
5	0	0	0	0	0	0	0	0	14	0	0	0	0	0	19	0	0	0	19
6	0	0	1	0	0	0	0	0	10	1	0	0	0	0	11	1	0	0	11
7	0	0	0	0	0	0	0	0	3	1	0	0	0	0	3	1	0	0	4
8	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	2	0	0	3
9	0	0	1	0	0	0	0	0	1	1	0	0	0	0	2	1	0	0	2
10	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
11	0	0	0	2	0	0	0	0	1	0	0	0	0	0	1	2	0	0	3
12	0	0	0	2	1	0	0	0	1	0	0	0	0	0	1	2	0	0	3
13	0	0	0	2	0	0	0	0	1	0	0	0	0	0	3	1	0	0	5
14	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2
15	0	0	0	3	1	0	0	0	0	1	0	0	0	0	0	1	1	0	2
16	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	3	2	0	5
17	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	1	1	0	2
18	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	5	0	0	5
19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2
20	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	3	2	0	5
21	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1
22	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	4	11	11	0	4	26	67	6	6	0	4	27	71	17	17	0	109
TOTAL	0	1	4	11	11	0	4	26	67	6	6	0	4	27	71	17	17	0	136

INITIAL PROFILE
BREAKDOWN FOR MOS 3437

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL
0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	
1	0	0	0	0	0	0	0	0	2	8	1	0	0	11	2	8	1	0	0	0	
2	0	1	1	0	0	0	2	1	7	6	0	0	0	14	2	8	1	0	0	0	
3	0	1	0	0	0	0	1	0	3	7	0	0	0	10	1	8	7	0	0	0	
4	0	1	0	0	0	0	3	0	9	7	0	0	0	10	0	4	7	0	0	0	
5	0	0	3	0	0	0	5	0	0	16	2	0	0	25	0	9	19	0	0	0	
6	0	0	4	1	0	0	5	0	0	16	2	0	0	18	0	0	20	3	0	0	
7	0	0	5	0	0	0	5	0	1	7	1	0	0	9	0	1	12	1	0	0	
8	0	0	5	1	0	0	6	0	0	6	0	0	0	6	0	0	11	1	0	0	
9	0	0	5	0	0	0	5	0	1	3	1	0	0	5	0	1	8	1	0	0	
10	0	0	3	1	0	0	4	0	0	3	2	1	0	6	0	0	6	3	1	0	
11	0	0	3	0	0	0	3	0	0	0	4	0	0	4	0	0	0	7	0	0	
12	0	0	1	2	0	0	3	0	0	1	1	0	0	2	0	0	2	3	0	0	
13	0	0	1	3	0	0	4	0	0	1	0	0	0	1	0	0	2	3	0	0	
14	0	0	1	2	1	0	4	0	0	1	0	1	0	2	0	0	2	2	2	0	
15	0	0	0	1	0	0	1	0	0	0	1	0	0	4	0	0	1	4	0	0	
16	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	1	0	
17	0	0	0	2	1	0	3	0	0	0	0	2	0	3	0	0	0	3	3	0	
18	0	0	0	0	1	0	1	0	0	2	1	2	0	5	0	0	2	1	3	0	
19	0	0	1	0	0	0	2	0	0	0	3	1	0	4	0	0	1	3	2	0	
20	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	2	1	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
300	0	2	30	16	6	0	54	3	31	72	22	9	0	137	3	33	102	38	15	0	
TOTAL																					191

INITIAL PROFILE
BREAKDOWN FOR MOS 3431

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA				
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CFT	MAJ	LTC	COL	USAR	TOTAL USAR	2LT	1LT	CPT		MAJ	LTC	COL	USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	40	0	7	12	10	0	76	0	0	7	62	19	28	0	0	0	116

INITIAL PROFILE
BREAKDOWN FOR MOS 3430

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	1	32	15	48	0	0	0	2	3	4	9	0	0	0	3	35	19	57	57

INITIAL PROFILE
BREAKDOWN FOR MOS 344B

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR C RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL USAR	2LT	1LT	CPT		MAJ	LTC	COL
0	0	0	0	0	0	0	0	9	11	11	1	0	0	32	9	11	11	1	0	0	0	32
1	0	0	1	0	0	0	1	3	65	15	0	0	0	83	3	65	16	0	0	0	0	84
2	0	0	2	0	0	0	2	0	67	46	0	0	0	113	0	67	48	0	0	0	0	115
3	0	0	4	0	0	0	5	0	26	129	0	0	0	155	0	27	133	0	0	0	0	160
4	0	0	11	0	0	0	11	0	9	136	1	0	0	146	0	9	147	1	0	0	0	157
5	0	0	28	0	0	0	28	0	1	145	6	0	0	152	0	1	173	6	0	0	0	180
6	0	0	40	0	0	0	40	0	1	39	8	0	0	48	0	1	109	1	0	0	0	111
7	0	0	19	2	0	0	21	0	0	14	8	0	0	22	0	0	47	16	0	0	0	67
8	0	0	33	8	0	0	41	0	0	13	6	1	0	20	0	0	23	12	1	0	0	63
9	0	0	10	6	0	0	16	0	1	7	7	1	0	16	0	1	11	20	1	0	0	33
10	0	0	4	13	0	0	17	0	0	0	7	0	0	14	0	0	0	11	15	1	0	27
11	0	0	4	8	1	0	13	0	0	7	10	2	0	19	0	0	8	22	2	0	0	32
12	0	0	1	12	0	0	13	0	2	1	10	1	0	14	0	2	1	21	3	0	0	27
13	0	0	0	11	2	0	13	0	0	0	15	4	0	19	0	0	0	35	9	0	0	44
14	0	0	0	20	5	0	25	0	0	1	11	7	0	19	0	0	1	22	17	0	0	40
15	0	0	0	11	10	0	21	0	0	0	10	7	0	17	0	0	1	13	21	0	0	35
16	0	0	1	3	14	0	18	0	0	2	11	9	0	22	0	0	2	16	22	0	0	40
17	0	0	0	5	13	0	18	0	1	0	6	7	0	14	0	1	0	7	22	0	0	30
18	0	0	0	1	15	0	16	0	0	0	14	6	0	20	0	0	0	18	21	0	0	39
19	0	0	0	4	15	0	19	0	0	0	0	6	0	20	0	0	0	0	0	0	0	40
20	0	0	0	1	13	0	14	0	0	1	0	3	0	7	0	0	1	11	11	0	0	12
21	0	0	0	1	8	0	9	0	0	0	0	1	0	3	0	0	0	0	7	0	0	7
22	0	0	0	0	6	0	6	0	0	0	0	1	0	1	0	0	0	0	4	0	0	5
23	0	0	0	0	4	0	4	0	0	0	1	0	0	1	0	0	0	1	3	0	0	3
24	0	0	0	0	2	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	158	106	110	4	379	12	185	644	133	56	0	1030	12	186	802	239	166	4	0	1409

310

INITIAL PROFILE
BREAKDOWN FOR MOS 3449

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	230	664	12C	0	0	0	0	1014	230	664	124	0	0	0	1019

INITIAL PROFILE
BREAKDOWN FOR MOSOTHER

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL	
AFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	65	50	1	0	0	0	116	65	50	1	0	0	0	0	116
1	0	0	0	0	0	0	0	45	159	2	0	0	206	45	159	2	0	0	0	0	206	206
2	0	0	0	0	0	0	0	11	49	0	0	0	60	11	49	0	0	0	0	0	60	60
3	0	0	0	0	0	0	0	0	14	1	0	0	15	0	14	1	0	0	0	0	15	15
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	121	273	5	0	0	0	399	121	273	5	0	0	0	399	399

ATTRITION RATES IN EFFECT FOR YEAR 1973

YEARS	REGULAR ARMY						ARMY RESERVES					
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL
AFS												
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2	.000	.000	.000	.000	.000	.000	.899	1.000	.284	.613	.000	.000
3	.000	.000	.026	.000	.000	.000	.120	1.000	.631	.022	.000	.000
4	.000	.000	.097	.000	.000	.000	.000	1.000	.490	.000	.000	.000
5	.000	.000	.076	.000	.000	.000	.000	1.000	.522	.003	.000	.000
6	.000	.000	.000	1.000	.000	.000	.116	.450	.370	.083	.000	.000
7	.000	.000	.000	.535	.000	.000	.205	1.000	.242	.028	.000	.000
8	.000	.000	.000	.192	.000	.000	.000	.817	.068	.221	.000	.000
9	.000	.000	.059	.086	.000	.000	.000	.000	.084	.180	.000	.000
10	.000	.000	.089	.044	.000	.000	.000	.000	.000	.148	.000	.000
11	.000	.000	.000	.042	.000	.000	.000	.963	.000	.000	1.000	.000
12	.000	.000	.000	.017	.000	.000	.000	.000	.006	.089	.000	.000
13	.000	.000	.000	.020	.003	.000	.000	.000	.000	.061	.000	.000
14	.000	.000	.000	.044	.009	.000	.000	.000	.000	.000	.000	.000
15	.000	.000	.000	.045	.000	.000	.000	.000	.000	.000	.099	.000
16	.000	.000	.092	.000	.015	.000	.000	.000	.000	.023	.017	.000
17	.000	.000	.000	.000	.015	.000	.000	.000	.000	.064	.000	.000
18	.000	.000	.000	.000	.000	.000	.000	.000	.172	.079	.000	.000
19	.000	.000	.000	.319	.000	.000	.000	.000	.000	.429	.037	.000
20	.000	.000	.000	.877	.314	.000	.000	.000	.231	.948	.935	.000
21	.000	.000	.000	1.000	.373	1.000	.000	.000	.000	.000	.000	.000
22	.000	.000	.000	.000	.308	.137	.000	.000	.000	.000	.000	.000
23	.000	.000	.000	.000	.362	.316	.000	.000	.000	.000	.000	.000
24	.000	.000	.000	.232	.358	.000	.000	.000	.000	.000	.000	.000
25	.000	.000	.000	.000	.181	.539	.000	.000	.000	.000	.000	.000
26	.000	.000	.000	1.000	.436	.269	.000	.000	.000	.000	.000	.000
27	.000	.000	.000	.669	.678	.439	.000	.000	.000	.000	.000	.000
28	.000	.000	.000	.000	1.000	.567	.000	.000	.000	.000	.000	.000
29	.000	.000	.000	.000	.724	.550	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.274	.274	.550	.000	.000	.000	.000	.000	.000

STATUS OF THE ARMY NURSE CORPS - 1973

	NUMBER	YEARLY PAY
REGULAR ARMY	827	11325688.
RESERVES	2770	24929686.
TOTAL	3597	36255374.

THE AUTHORIZED YEAR END STRENGTH IS 3597

BREAKDOWN BY RANK AND SERVICE COMPONENT

RANK	SC	NUMBER	SEPARATED INVO	ATTRIT	TEMP	PEFM	PROMOTED TO	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	PAY
2LT	R	2	0	0	0	0	1	1	0	0	12737.
2LT	V	426	0	0	0	0	0	0	141	18	2718137.
1LT	R	20	0	0	0	10	16	0	0	0	156373.
1LT	V	1239	1	38	1	250	0	458	0	0	9477410.
CPT	R	319	3	2	0	35	29	17	0	0	3597044.
CPT	V	779	9	388	3	62	0	120	0	0	8051123.
MAJ	R	222	6	14	1	20	10	1	0	0	3032018.
MAJ	V	223	4	21	4	14	0	0	0	0	3042532.
LTC	R	230	8	21	3	15	7	3	0	0	3808750.
LTC	V	99	17	3	10	14	0	0	0	0	1566794.
COL	R	34	0	9	15	6	0	0	0	0	718762.
COL	V	4	1	0	0	0	0	0	0	0	73688.
TOTAL		3597	49	496	37	466	63	740	18		36255374.

BREAKDOWN BY MOS

MOS	NUMBER	DESIRED NUMBER	DIFFERENCE	SEPARATED INVO	ATTRIT	TEMP	PERM	PROMOTED TO	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	COST
3446	121	120	1	0	23	1	20	3	3	6	0	1425612.
3445	241	242	-1	6	32	5	26	3	1	1	0	3163175.
3443	332	332	0	7	54	6	50	3	12	12	0	3657313.
3442	121	119	2	2	29	2	19	2	18	18	0	1319194.
3437	167	167	0	2	29	2	24	2	7	7	0	1885717.
3431	101	101	0	1	14	2	19	6	0	0	0	1240247.
3430	46	50	-4	1	13	4	3	0	3	3	0	852336.
3448	1770	1229	541	30	255	14	210	38	693	0	0	17783438.
3449	300	889	-589	0	44	2	89	0	0	0	18	2105176.
OTHER	398	348	50	0	1	1	6	6	0	0	0	2823163.
TOTAL	3597	3597	0	49	496	37	466	63	740	18		36255374.

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PROFILE 1973
BREAKDOWN BY YEARS OF ACTIVE FEDERAL SERVICE

YEARS AFS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL	
0	0	1	0	0	0	0	1	180	262	14	1	0	0	457	180	263	14	1	0	0	458	
1	1	3	1	0	0	6	11	220	491	27	0	0	0	738	222	494	28	0	0	0	744	
2	0	7	7	0	0	14	28	22	248	84	0	0	0	354	22	255	91	0	0	0	368	
3	0	7	14	0	0	21	42	1	110	156	0	0	0	267	1	117	170	0	0	0	288	
4	0	1	23	0	0	24	48	1	100	147	1	0	0	249	1	101	170	1	0	0	273	
5	0	0	52	1	0	53	106	1	7	145	12	0	0	165	1	7	197	13	0	0	216	
6	0	1	67	0	0	68	136	1	5	66	6	0	0	78	1	6	133	6	0	0	146	
7	0	0	41	3	0	44	88	0	8	38	12	0	0	58	0	8	79	15	0	0	102	
8	0	0	59	11	0	70	140	0	1	24	15	0	0	40	0	1	83	26	0	0	110	
9	0	0	21	12	2	35	70	0	0	21	15	1	0	37	0	0	42	27	3	0	72	
10	0	0	12	33	0	45	90	0	2	10	16	1	0	29	0	2	22	49	1	0	74	
11	0	0	14	23	1	38	76	0	0	18	18	0	0	36	0	0	32	41	1	0	74	
12	0	0	4	30	3	37	74	0	0	10	13	1	0	25	0	1	14	43	4	0	62	
13	0	0	1	33	8	42	74	0	2	6	20	3	0	31	0	2	7	53	11	0	73	
14	0	0	1	31	10	42	74	0	0	2	26	6	0	34	0	0	3	57	16	0	76	
15	0	0	0	17	16	33	66	0	0	1	7	17	0	25	0	0	1	24	33	0	58	
16	0	0	1	19	32	42	74	0	1	19	16	1	1	38	0	1	2	28	48	1	80	
17	0	0	0	11	33	44	68	0	0	5	18	22	1	46	0	0	5	29	55	1	90	
18	0	0	1	4	31	36	72	0	1	2	13	17	1	34	0	1	3	17	48	1	70	
19	0	0	0	2	31	33	67	0	0	2	11	15	1	29	0	0	2	13	46	1	62	
20	0	0	0	1	16	17	34	0	0	0	0	0	0	0	0	0	0	1	16	0	17	
21	0	0	0	1	13	17	31	0	0	0	0	0	0	0	0	0	0	1	13	17	31	
22	0	0	0	0	12	13	25	0	0	0	0	0	0	0	0	0	0	0	12	1	13	
23	0	0	0	0	12	14	26	0	0	0	0	0	0	0	0	0	0	0	12	2	14	
24	0	0	0	0	5	16	21	0	0	0	0	0	0	0	0	0	0	0	5	1	16	
25	0	0	0	0	2	4	6	0	0	0	0	0	0	0	0	0	0	0	2	2	4	
26	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
27	0	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
28	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
29	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2	20	319	222	230	34	827	426	1239	779	223	99	4	2770	428	1259	1098	445	329	36	3597	

PROFILE 1973
BREAKDOWN BY YEARS OF ACTIVE FEDERAL COMMISSIONED SERVICE

YEARS AFCS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA	
	2LT	1LT	CPT	MAJ	LTC	RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC		COL
0	1	2	0	0	0	3	245	371	17	1	0	0	633	246	373	16	1	0	0	636
1	1	9	3	0	0	13	181	737	37	0	0	0	954	182	746	39	0	0	0	967
2	0	9	21	0	0	30	0	131	302	0	0	0	433	0	140	323	0	0	0	463
3	0	0	22	0	0	22	0	0	126	1	0	0	127	0	0	148	1	0	0	149
4	0	0	43	0	0	43	0	0	106	1	0	0	110	0	0	152	1	0	0	153
5	0	0	77	1	0	78	0	0	74	12	0	0	86	0	0	151	13	0	0	164
6	0	0	67	0	0	67	0	0	64	8	0	0	72	0	0	131	8	0	0	139
7	0	0	45	3	0	48	0	0	25	16	0	0	41	0	0	70	19	0	0	89
8	0	0	38	16	0	54	0	0	21	21	1	0	45	0	0	61	37	1	0	99
9	0	0	0	23	2	25	0	0	20	1	0	0	21	0	0	0	43	3	0	46
10	0	0	2	35	0	37	0	0	17	1	0	0	20	0	0	4	52	1	0	57
11	0	0	1	35	1	36	0	0	14	0	0	0	16	0	0	2	49	1	0	52
12	0	0	1	27	4	32	0	0	18	1	0	0	19	0	0	1	45	5	0	51
13	0	0	0	29	8	37	0	0	29	7	0	0	36	0	0	0	58	15	0	73
14	0	0	0	36	14	50	0	0	18	8	0	0	26	0	0	0	54	22	0	76
15	0	0	0	0	19	19	0	0	1	20	0	0	21	0	0	0	1	39	0	40
16	0	0	0	8	34	42	0	0	12	21	1	1	34	0	0	0	20	55	1	76
17	0	0	0	5	27	32	0	0	12	15	1	1	28	0	0	0	17	42	1	60
18	0	0	0	1	26	27	0	0	10	12	1	1	23	0	0	0	11	38	1	50
19	0	0	0	2	32	34	0	0	12	11	1	1	24	0	0	0	14	43	1	58
20	0	0	0	1	17	18	0	0	0	0	0	0	0	0	0	0	0	1	17	18
21	0	0	0	0	14	31	17	31	0	0	0	0	0	0	0	0	0	14	17	31
22	0	0	0	0	10	11	1	11	0	1	0	0	1	0	0	0	0	11	1	12
23	0	0	0	0	12	14	2	14	0	0	0	0	0	0	0	0	0	12	2	14
24	0	0	0	0	5	1	1	6	0	0	0	0	0	0	0	0	0	5	1	6
25	0	0	0	0	2	4	2	4	0	0	0	0	0	0	0	0	0	2	2	4
26	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	4
27	0	0	0	0	3	5	5	8	0	0	0	0	0	0	0	0	0	3	5	8
28	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1
29	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	20	319	222	230	34	426	1239	775	223	99	4	2770	428	1259	1093	445	329	38	3597

PROFILE 1973
BREAKDOWN FOR MOS 3446

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL
0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	0	3	1	0	0	0	4
1	0	0	0	0	0	0	0	2	11	0	0	0	0	13	0	2	11	0	0	0	13
2	0	0	1	0	0	1	1	0	7	9	0	0	0	16	0	0	7	10	0	0	17
3	0	1	0	0	0	0	1	0	2	10	0	0	0	12	0	0	3	10	0	0	13
4	0	0	0	0	0	0	0	0	2	7	0	0	0	9	0	2	7	0	0	0	9
5	0	0	0	0	0	0	1	0	0	6	0	0	0	6	0	0	0	6	0	0	6
6	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1
7	0	0	2	1	0	0	3	0	0	0	0	0	0	0	0	0	2	1	0	0	3
8	0	0	2	0	0	0	2	0	0	1	2	0	0	3	0	0	3	2	0	0	5
9	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
10	0	0	1	2	0	0	3	0	0	0	0	0	0	3	0	0	1	2	0	0	3
11	0	0	0	3	0	0	3	0	0	0	3	0	0	0	0	0	0	6	0	0	6
12	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	2
13	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	2
14	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	1	1	0	3
15	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	1	3	4
16	0	0	0	1	2	0	3	0	0	0	0	1	0	1	0	0	0	1	3	0	4
17	0	0	0	1	2	0	3	0	0	0	2	3	0	3	0	0	0	3	3	0	6
18	0	0	0	0	1	0	1	0	0	0	0	2	0	5	0	0	0	2	4	0	6
19	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
21	0	0	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	3	1	4
22	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
23	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	4
24	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	7	12	17	1	38	2	25	35	10	11	0	03	2	26	42	22	28	1	121

PROFILE 1973
BREAKDOWN FOR MOS 34WS

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR G RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	USAR G RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	4	1	0	0	0	0	5
2	0	0	1	0	0	0	1	4	4	0	0	0	0	8	0	4	5	0	0	0	0	9
3	0	0	1	0	0	0	1	0	3	0	0	0	0	3	0	0	4	0	0	0	0	4
4	0	0	5	0	0	0	5	0	2	3	0	0	0	3	0	0	8	0	0	0	0	10
5	0	0	5	0	0	0	5	1	7	1	0	0	0	9	0	1	12	1	0	0	0	14
6	0	0	6	0	0	0	6	0	7	0	0	0	0	8	0	1	13	0	0	0	0	14
7	0	0	6	0	0	0	6	0	6	2	0	0	0	9	0	1	12	2	0	0	0	15
8	0	0	13	0	0	0	13	0	2	1	0	0	0	3	0	0	15	1	0	0	0	16
9	0	0	3	3	0	0	6	0	5	2	0	0	0	7	0	0	8	5	0	0	0	13
10	0	0	3	9	0	0	12	0	3	2	0	0	0	5	0	0	6	11	0	0	0	17
11	0	0	6	6	0	0	12	0	6	4	0	0	0	10	0	0	12	10	0	0	0	22
12	0	0	0	5	0	0	5	0	0	1	0	0	0	1	0	0	0	6	0	0	0	6
13	0	0	0	8	2	0	10	0	0	1	5	0	0	6	0	0	1	13	2	0	0	16
14	0	0	0	6	1	0	7	0	0	0	3	0	0	3	0	0	0	9	1	0	0	10
15	0	0	0	2	0	0	4	0	0	0	2	1	0	3	0	0	0	4	3	0	0	7
16	0	0	0	0	7	0	7	0	0	0	6	3	0	9	0	0	0	6	10	0	0	16
17	0	0	0	4	5	0	9	0	0	2	2	2	0	4	0	0	0	6	7	0	0	13
18	0	0	0	2	6	0	8	0	1	0	3	0	0	4	0	0	1	2	9	0	0	12
19	0	0	0	0	2	0	2	0	0	1	0	1	0	2	0	0	0	1	0	3	0	4
20	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
21	0	0	0	1	3	0	7	0	0	0	0	0	0	0	0	0	0	1	3	3	0	7
22	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
23	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	49	46	37	5	137	0	13	50	31	10	0	104	0	13	92	77	47	6	241	

PROFILE 1973
BREAKDOWN FOR MOS 3443

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	10	2	0	0	0	0	12	10	2	0	0	0	0	12	
1	1	0	0	0	0	0	1	27	26	2	0	0	0	55	28	26	2	0	0	0	56	
2	0	0	2	0	0	0	2	1	18	9	0	0	0	28	1	18	11	0	0	0	30	
3	0	0	2	0	0	0	2	0	9	16	0	0	0	25	0	9	18	0	0	0	27	
4	0	0	1	0	0	0	1	0	5	13	0	0	0	18	0	5	14	0	0	0	19	
5	0	0	8	0	0	0	8	0	0	17	2	0	0	19	0	0	25	2	0	0	27	
6	0	0	7	0	0	0	7	0	1	11	1	0	0	13	0	1	18	1	0	0	20	
7	0	0	5	0	0	0	5	0	0	5	2	0	0	7	0	0	10	2	0	0	12	
8	0	0	5	1	0	0	6	0	0	5	3	0	0	8	0	0	10	4	0	0	14	
9	0	0	3	1	0	0	4	0	0	0	1	0	0	1	0	0	3	2	0	0	5	
10	0	0	2	4	0	0	6	0	0	1	3	0	0	4	0	0	3	7	0	0	10	
11	0	0	3	1	0	0	4	0	0	2	1	0	0	3	0	0	5	2	0	0	7	
12	0	0	0	6	0	0	6	0	0	2	3	0	0	5	0	0	2	9	0	0	11	
13	0	0	0	6	3	0	9	0	0	2	6	0	0	8	0	0	2	12	3	0	17	
14	0	0	0	5	2	0	7	0	0	1	3	0	0	4	0	0	1	8	2	0	11	
15	0	0	0	0	2	0	2	0	0	0	0	3	0	3	0	0	0	0	5	0	5	
16	0	0	0	1	4	0	5	0	1	0	4	0	0	5	0	1	0	5	4	0	10	
17	0	0	0	1	3	0	4	0	0	1	3	0	0	7	0	0	1	4	6	0	11	
18	0	0	0	1	3	0	4	0	0	1	3	0	0	4	0	0	1	4	3	0	8	
19	0	0	0	0	6	0	6	0	0	1	0	3	0	4	0	0	1	0	9	0	10	
20	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
21	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
22	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
23	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
>30	1	0	0	0	0	0	5	38	62	89	35	9	0	0	0	0	0	0	0	0	0	
TOTAL	1	0	0	28	27	5	99	38	62	89	35	9	0	233	39	62	127	63	36	5	332	

PROFILE 1973
BREAKDOWN FOR MOS 3442

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR	
AFS	0	0	0	0	0	0	0	3	4	1	0	0	0	0	3	4	1	0	0	0	0	0
1	0	1	0	0	0	0	1	1	7	2	0	0	0	10	1	8	2	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	5	0	0	0	13	0	8	0	0	0	0	0	11
3	0	0	0	0	0	0	0	0	6	8	0	0	0	14	0	8	5	0	0	0	0	13
4	0	0	0	0	0	0	1	0	1	8	0	0	0	9	0	6	9	0	0	0	0	15
5	0	0	0	0	0	0	2	0	0	9	0	0	0	9	0	1	9	0	0	0	0	10
6	0	0	0	0	0	0	3	0	0	5	1	0	0	6	0	0	11	0	0	0	0	11
7	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	8	1	0	0	0	9
8	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	2	1	0	0	0	3
9	0	0	0	0	0	0	1	0	0	1	1	0	0	2	0	0	3	2	0	0	0	5
10	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	3
11	0	0	0	0	0	0	2	0	0	2	0	0	0	3	0	0	1	0	0	0	0	1
12	0	0	0	0	0	0	3	0	0	2	1	0	0	3	0	0	2	2	0	0	0	4
13	0	0	0	0	0	0	2	0	0	0	0	0	0	3	0	0	2	3	1	0	0	6
14	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
15	0	0	0	0	0	0	4	0	0	0	1	0	0	1	0	0	0	1	1	0	0	2
16	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
17	0	0	0	0	0	0	4	0	0	0	0	1	0	1	0	0	0	1	1	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	0	0	5
19	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	3
20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	10	11	12	0	34	4	26	47	6	4	0	87	4	27	57	17	16	0	0	121

PROFILE 1973
BREAKDOWN FOR MOS 3437

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA	
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC
0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0
1	0	0	0	0	0	0	0	2	8	1	0	0	0	11	0	8	1	0	0	0
2	0	1	1	0	0	0	2	1	7	5	0	0	0	13	1	8	6	0	0	0
3	0	1	2	0	0	0	3	0	3	3	0	0	0	6	0	4	5	0	0	0
4	0	0	3	0	0	0	3	0	8	11	0	0	0	19	0	6	14	0	0	0
5	0	0	4	1	0	0	5	0	0	7	2	0	0	9	0	0	11	3	0	0
6	0	0	5	0	0	0	5	0	1	9	1	0	0	11	0	1	14	1	0	0
7	0	0	5	0	0	0	5	0	3	3	0	0	0	3	0	0	8	0	0	0
8	0	0	6	0	0	0	6	0	1	4	1	0	0	6	0	1	10	1	0	0
9	0	0	3	1	0	0	4	0	0	3	1	0	0	5	0	0	6	2	1	0
10	0	0	0	3	0	0	3	0	0	0	3	0	0	3	0	0	0	6	0	0
11	0	0	1	2	0	0	3	0	0	1	0	0	0	2	0	0	2	3	0	0
12	0	0	1	2	0	0	3	0	0	1	0	0	0	1	0	0	2	2	0	0
13	0	0	1	2	1	0	4	0	0	1	0	1	0	2	0	0	2	2	0	0
14	0	0	0	1	0	0	1	0	0	1	3	0	0	4	0	0	1	4	0	0
15	0	0	0	0	0	0	0	0	0	1	1	0	0	3	0	0	1	1	0	0
16	0	0	0	2	1	0	3	0	0	1	2	0	0	3	0	0	0	3	3	0
17	0	0	0	0	1	0	1	0	0	2	0	3	0	5	0	0	2	4	0	0
18	0	0	1	0	1	0	2	0	0	0	2	0	0	4	0	0	1	2	3	0
19	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2	33	14	5	0	54	3	30	53	16	11	0	113	3	32	86	30	16	0

PROFILE 1973
BREAKDOWN FOR MOS 3431

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	18	6	19	1	44	0	7	33	10	7	0	57	0	7	51	16	26	1	101	0

322

PROFILE 1973
BREAKDOWN FOR MOS 3430

YEARS AFS	REGULAR ARMY					ARMY RESERVES					COMBINED RA AND USAR					TOTAL COL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	2LT	1LT	CPT	MAJ	LTC	2LT	1LT	CPT	MAJ	LTC		COL	USAR
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	21	16	37	2	7	4	9	0	2	24	20	46	46

323

PROFILE 1973
BREAKDOWN FOR MOS 3448

YEARS	REGULAR ARMY										ARMY RESERVES										COMBINED RA AND USAR										TOTAL USAR G. PA
	2LT	1LT	CPT	MAJ	LTC	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	TOTAL USAR							
0	0	0	0	0	0	0	9	11	11	1	0	32	9	11	11	1	0	0	0	0	0	0	32								
1	0	0	1	0	0	1	134	277	17	0	0	428	134	277	18	0	0	0	0	0	0	0	429								
2	0	0	4	2	0	6	9	152	49	0	0	210	9	156	51	0	0	0	0	0	0	0	216								
3	0	5	7	0	0	12	1	76	109	0	0	186	1	81	116	0	0	0	0	0	0	0	190								
4	0	1	12	0	0	15	0	81	98	1	0	180	0	82	110	1	0	0	0	0	0	0	193								
5	0	0	30	0	0	30	0	5	90	6	0	101	0	5	120	6	0	0	0	0	0	0	131								
6	0	1	40	0	0	41	0	2	33	1	0	36	0	3	73	1	0	0	0	0	0	0	77								
7	0	0	19	2	0	21	0	5	21	7	0	33	0	5	40	9	0	0	0	0	0	0	54								
8	0	0	28	8	0	36	0	0	11	6	0	18	0	0	39	14	0	0	0	0	0	0	53								
9	0	0	10	5	1	16	0	0	10	8	0	18	0	0	20	13	1	0	0	0	0	0	34								
10	0	0	6	14	0	20	0	2	5	1	0	13	0	2	11	19	1	0	0	0	0	0	33								
11	0	0	4	8	1	13	0	0	6	7	0	13	0	0	10	15	1	0	0	0	0	0	26								
12	0	0	3	13	1	17	0	0	4	8	1	13	0	0	7	21	2	0	0	0	0	0	30								
13	0	0	0	12	2	14	0	2	1	9	1	13	0	2	1	21	3	0	0	0	0	0	27								
14	0	0	1	19	5	25	0	0	0	15	4	19	0	0	0	1	34	9	0	0	0	0	44								
15	0	0	0	12	8	20	0	0	0	4	8	12	0	0	0	0	16	16	0	0	0	0	32								
16	0	0	1	4	14	19	0	0	1	8	7	16	0	0	0	2	12	21	0	0	0	0	35								
17	0	0	0	5	11	16	0	0	2	10	9	21	0	0	0	2	15	20	0	0	0	0	37								
18	0	0	0	1	14	15	0	1	0	6	7	14	0	0	1	0	7	21	0	0	0	0	29								
19	0	0	0	2	16	18	0	0	0	11	6	17	0	0	0	13	22	0	0	0	0	0	35								
20	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8								
21	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	8								
22	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3								
23	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2								
24	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2								
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
26	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1								
27	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1								
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
TOTAL	0	11	164	105	92	378	153	614	468	113	44	1392	153	625	632	218	136	6	6	6	6	6	1770								

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PROFILE 1973
BREAKDOWN FOR MOS 3449

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA							
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL								
AFS	0	0	0	0	0	0	93	191	0	0	0	0	93	191	0	0	0	0	0	0	0	0	0	0	0	284
1	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
5	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
6	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
7	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
>30	0	0	0	0	0	0	107	193	0	0	0	0	107	193	0	0	0	0	0	0	0	0	0	0	300	
TOTAL	0	0	0	0	0	0	107	193	0	0	0	0	107	193	0	0	0	0	0	0	0	0	0	0	300	

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PROFILE 1973
BREAKDOWN FOR MOSOTHER

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL COL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	1	0	0	0	0	1	65	49	1	0	0	0	0	65	50	1	0	0	0	116	
1	1	2	0	0	0	0	3	44	157	2	0	0	0	0	45	159	2	0	0	0	206	
2	0	2	0	0	0	0	2	10	48	0	0	0	0	58	10	50	0	0	0	0	60	
3	0	0	0	0	0	0	0	14	0	0	0	0	14	0	0	0	0	0	0	0	14	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1	5	0	0	0	0	6	119	269	4	0	0	0	392	120	274	4	0	0	0	398	

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ATTIRITION RATES IN EFFECT FOR YEAR 1974

YEARS AFS	REGULAR ARMY			ARMY RESERVES		
	2LT	1LT	COL	2LT	1LT	COL
0	.000	.000	.000	.000	.000	.000
1	.000	.000	.000	.000	.000	.000
2	.000	.000	.000	.814	1.000	.000
3	.000	.026	.000	.000	1.000	.000
4	.000	.043	.000	.000	1.000	.000
5	.000	.063	.000	.000	1.000	.000
6	.000	.000	.000	.129	.281	.000
7	.000	.000	.000	.217	.876	.000
8	.000	.000	.000	.000	1.000	.000
9	.000	.043	.000	.000	.000	.000
10	.000	.050	.000	.000	.000	.000
11	.000	.000	.000	.000	.000	.000
12	.000	.000	.000	.000	.000	.000
13	.000	.000	.000	.000	.000	.000
14	.000	.000	.000	.000	.000	.000
15	.000	.000	.000	.000	.000	.000
16	.000	.092	.000	.000	.000	.000
17	.000	.000	.000	.000	.000	.000
18	.000	.000	.000	.000	.000	.000
19	.000	.000	.000	.000	.000	.000
20	.000	.000	.000	.000	.000	.000
21	.000	.000	.000	.000	.000	.000
22	.000	.000	.000	.000	.000	.000
23	.000	.000	.000	.000	.000	.000
24	.000	.000	.000	.000	.000	.000
25	.000	.000	.000	.000	.000	.000
26	.000	.000	.000	.000	.000	.000
27	.000	.000	.000	.000	.000	.000
28	.000	.000	.000	.000	.000	.000
29	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.000	.000	.000

STATUS OF THE ARMY NURSE CORPS - 1974

	NUMBER	YEARLY PAY
REGULAR ARMY	830	11172229.
RESERVES	267	23811422.
TOTAL	3597	34983651.

THE AUTHORIZED YEAR END STRENGTH IS 3597

BREAKDOWN BY RANK AND SERVICE COMPONENT

RANK	SC	NUMBER	SEPARATED INVOL	ATTRIT	PROMOTED TO TEMP	PERM	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	PAY
2LT	R	1	0	0	0	0	0	0	0	6368.
2LT	V	842	3	0	0	0	0	107	597	5370563.
1LT	R	50	0	0	1	9	29	4	0	420703.
1LT	V	1111	8	269	178	706	0	310.	0	8410289.
CPT	R	353	0	4	0	0	38	32	0	4067960.
CPT	V	553	2	186	0	0	0	72	0	6019229.
MAJ	R	188	7	10	0	0	9	0	0	2608147.
MAJ	V	168	13	17	0	0	0	0	0	2316870.
LTC	R	208	25	21	26	18	6	11	0	3441823.
LTC	V	90	16	3	16	17	0	3	0	1437037.
COL	R	30	1	11	8	0	0	1	0	627228.
COL	V	3	1	0	0	0	0	0	0	57434.
TOTAL		3597	76	521	229	710	82	540	597	34983651.

BREAKDOWN BY MOS

MOS	NUMBER	DESIRED NUMBER	DIFFERENCE	SEPARATED INVOL	ATTRIT	PROMOTED TO TEMP	PERM	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	COST
3446	119	120	-1	6	24	2	12	7	28	0	1389641.
3445	254	242	12	7	25	11	15	5	45	0	3252115.
3443	336	332	4	9	63	35	65	11	76	0	3695558.
3442	119	119	3	2	20	5	13	7	23	0	1367497.
3437	168	167	1	4	30	7	16	3	35	0	1917364.
3431	102	101	1	1	16	0	3	1	18	0	1233544.
3430	46	50	-4	6	9	0.	1	0	15	0	828172.
3448	1467	1229	238	39	324	164	524	45	300	0	14706632.
3449	597	889	-292	0	0	0	0	0	0	597	3601935.
OTHER	386	348	38	2	10	5	111	3	0	0	2791195.
TOTAL	3597	3597	0	76	521	229	760	82	540	597	34983653.

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PROFILE 1974
BREAKDOWN BY YEARS OF ACTIVE FEDERAL COMMISSIONED SERVICE

YEARS AFCS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	597	0	0	0	0	0	0	597	0	0	0	0	0	0	597
1	1	6	1	0	0	8	0	245	367	15	1	0	0	628	246	373	16	1	0	0	0	636
2	0	34	5	0	0	39	0	0	739	28	0	0	0	765	0	771	33	0	0	0	0	804
3	0	10	38	0	0	48	0	0	7	204	0	0	0	211	0	17	242	0	0	0	0	259
4	0	0	25	0	0	25	0	0	0	79	1	0	0	80	0	0	104	1	0	0	0	105
5	0	0	46	0	0	46	0	0	0	73	1	0	0	74	0	0	119	1	0	0	0	120
6	0	0	80	0	0	80	0	0	0	53	9	0	0	62	0	0	133	9	0	0	0	142
7	0	0	71	1	0	72	0	0	0	54	7	0	0	61	0	0	125	8	0	0	0	133
8	0	0	46	2	0	48	0	0	0	23	14	0	0	37	0	0	69	16	0	0	0	85
9	0	0	37	18	0	55	0	0	0	21	17	1	0	39	0	0	58	35	1	0	0	94
10	0	0	0	21	2	23	0	0	0	0	17	1	0	18	0	0	0	38	3	0	0	41
11	0	0	0	2	36	0	0	0	0	2	16	0	0	18	0	0	4	52	0	0	0	56
12	0	0	1	36	1	38	0	0	0	1	12	0	0	13	0	0	2	48	1	0	0	51
13	0	0	1	27	4	32	0	0	0	0	16	1	0	17	0	0	1	43	5	0	0	49
14	0	0	0	30	0	30	0	0	0	0	26	7	0	33	0	0	0	56	15	0	0	71
15	0	0	0	0	3	37	0	0	0	0	0	21	0	21	0	0	0	3	55	0	0	58
16	0	0	0	0	19	0	0	0	0	0	1	16	0	17	0	0	0	1	35	0	0	36
17	0	0	0	8	34	0	0	0	0	0	11	18	1	30	0	0	0	19	52	1	0	72
18	0	0	0	5	28	0	0	0	0	0	12	14	1	27	0	0	0	17	42	1	0	60
19	0	0	0	1	26	0	0	0	0	0	6	11	1	18	0	0	0	6	37	1	0	44
20	0	0	0	1	21	0	0	0	0	0	1	0	0	1	0	0	0	2	21	0	0	23
21	0	0	0	0	9	17	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	17
22	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	12
23	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	17
24	0	0	0	0	11	2	0	0	0	0	0	0	0	0	0	0	0	0	11	2	0	13
25	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5
26	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
27	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	50	353	188	208	30	830	842	1111	553	148	90	3	2767	843	1161	906	356	298	33	3597	

PROFILE 1974
BREAKDOWN FOR MOS 3446

YEARS APS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	3	1	0	0	0	0	4	0	3	0	0	0	0	0	0
2	0	1	0	0	0	0	4	14	0	0	0	0	15	0	15	0	0	0	0	0	0	16
3	0	1	3	0	0	0	3	6	7	0	0	0	13	0	7	10	0	0	0	0	0	17
4	0	0	2	0	0	0	2	1	6	0	0	0	7	0	4	10	0	0	0	0	0	14
5	0	0	1	0	0	0	1	0	5	0	0	0	5	0	1	8	0	0	0	0	0	9
6	0	0	2	0	0	0	2	0	0	0	0	0	5	0	0	6	0	0	0	0	0	6
7	0	0	2	1	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
8	0	0	2	0	0	0	2	0	0	1	2	0	0	3	0	0	2	1	0	0	0	3
9	0	0	2	0	0	0	2	0	0	2	0	0	3	0	0	3	2	0	0	0	0	5
10	0	0	1	2	0	0	3	0	2	0	0	0	2	0	0	2	2	0	0	0	0	2
11	0	0	1	3	0	0	3	0	1	0	0	0	3	0	0	2	2	0	0	0	0	4
12	0	0	1	2	0	0	3	0	0	0	3	0	3	0	0	0	6	0	0	0	0	6
13	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
14	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	1	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
17	0	0	0	1	2	0	3	0	0	0	2	1	1	1	0	0	0	0	1	3	0	4
18	0	0	0	1	2	0	3	0	0	0	0	0	2	1	0	0	0	3	3	0	0	6
19	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0	3	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
24	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	45	1	27	31	8	7	0	74	1	30	47	20	19	2	0	119

PROFILE 1974
BREAKDOWN FOR MOS 3445

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR G RA
	2LT	1LT	CPT	MAJ	LTC	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	TOTAL RA AND USAR	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	16	1	0	0	0	17	0	16	1	0	0	17	
3	0	2	1	0	0	3	0	3	6	0	0	9	0	5	7	0	0	12	
4	0	1	3	0	0	4	0	0	5	0	0	5	0	1	8	0	0	9	
5	0	0	5	0	0	5	0	6	5	0	0	11	0	6	10	0	0	16	
6	0	0	5	0	0	5	1	4	1	0	0	6	0	1	9	1	0	11	
7	0	0	8	0	0	8	0	9	0	0	0	9	0	0	17	0	0	17	
8	0	0	9	0	0	9	0	6	2	0	0	8	0	0	15	2	0	17	
9	0	0	13	1	0	14	0	0	3	0	0	3	0	0	16	1	0	17	
10	0	0	3	2	0	5	0	0	5	2	0	7	0	0	8	4	0	12	
11	0	0	3	9	0	12	0	0	2	0	0	5	0	0	6	11	0	17	
12	0	0	6	7	0	13	0	0	6	2	0	8	0	0	12	9	0	21	
13	0	0	0	5	0	5	0	0	0	1	0	1	0	0	0	6	0	6	
14	0	0	0	7	2	9	0	0	1	5	0	6	0	0	1	12	2	15	
15	0	0	0	0	6	6	0	0	2	1	0	3	0	0	0	2	7	9	
16	0	0	0	2	1	3	0	0	1	2	0	3	0	0	0	3	3	6	
17	0	0	0	0	7	7	0	0	6	3	0	9	0	0	0	6	10	16	
18	0	0	0	3	6	9	0	0	1	3	0	4	0	0	0	4	9	13	
19	0	0	0	2	6	8	0	0	1	0	3	4	0	0	1	2	9	12	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	2	1	
22	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	3	
23	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
24	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	3	3	
25	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
>30	0	0	3	56	38	34	5	136	0	26	55	25	12	0	29	111	63	46	
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
																		254	

332

PROFILE 1974
BREAKDOWN FOR MOS 3443

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
AFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	4	82	23	25	5	109	11	106	74	27	7	0	227	11	110	128	50	32	1	5	336

PROFILE 1974
BREAKDOWN FOR MOS 3442

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL					
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL	2LT	1LT	CPT	MAJ	LTC	COL	USAR	6 RA	0 RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	3	4	1	0	0	0	8	0	3	4	0	0	0	0	0	0	0
2	0	0	1	0	0	0	1	0	13	0	0	0	16	0	0	0	14	3	0	0	0	0	0	8
3	0	0	0	0	0	0	0	0	4	5	0	0	9	0	0	4	4	5	0	0	0	0	0	17
4	0	0	0	0	0	0	3	0	3	7	0	0	10	0	0	0	3	10	0	0	0	0	0	9
5	0	0	0	1	0	0	3	0	2	5	0	0	8	0	0	0	2	7	0	0	0	0	0	13
6	0	0	0	0	0	0	3	0	0	5	0	0	9	0	0	0	0	12	0	0	0	0	0	9
7	0	0	0	0	0	0	6	0	0	5	0	0	5	0	0	0	0	10	0	0	0	0	0	12
8	0	0	0	2	0	0	2	0	0	1	1	0	2	0	0	0	0	3	1	0	0	0	0	11
9	0	0	0	2	1	0	3	0	0	1	1	0	2	0	0	0	0	3	2	0	0	0	0	4
10	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	0	0	2	1	0	0	0	0	5
11	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	3
12	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0	0	0	2	2	0	0	0	0	4
13	0	0	0	0	0	0	3	0	0	2	1	0	3	0	0	0	0	2	3	1	0	0	0	1
14	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	2
15	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
18	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	3
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	18	7	14	0	42	3	26	48	4	3	0	80	3	27	62	13	17	0	0	0	0	122

PROFILE 1974
BREAKDOWN FOR MOS 3437

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	0	0	0	0	0	2
2	0	0	0	0	0	0	0	18	0	0	0	0	0	20	0	18	2	0	0	0	0	20
3	0	0	2	0	0	0	3	5	0	0	0	0	10	10	6	7	0	0	0	0	0	13
4	0	2	3	0	0	0	5	3	0	0	0	0	6	6	5	6	0	0	0	0	0	11
5	0	1	4	0	0	0	5	0	7	6	0	0	13	13	8	10	0	0	0	0	0	18
6	0	0	6	0	0	0	6	0	0	7	1	0	8	8	0	13	1	0	0	0	0	14
7	0	0	6	0	0	0	6	0	6	6	1	0	7	7	0	12	1	0	0	0	0	13
8	0	0	7	0	0	0	7	0	4	4	0	0	4	4	0	11	0	0	0	0	0	11
9	0	0	7	0	0	0	7	1	4	1	0	0	6	6	1	11	1	0	0	0	0	13
10	0	0	4	1	0	0	5	0	3	1	1	0	5	5	0	7	2	1	0	0	0	10
11	0	0	0	3	0	0	3	0	0	3	0	0	3	3	0	0	0	6	0	0	0	6
12	0	0	0	1	2	0	3	0	1	1	0	0	2	2	0	2	3	0	0	0	0	5
13	0	0	1	2	0	0	3	0	1	1	0	0	2	2	0	2	2	0	0	0	0	4
14	0	0	1	2	1	0	4	0	1	0	0	0	1	1	0	2	2	2	0	0	0	6
15	0	0	1	0	0	0	4	0	1	1	1	0	3	3	0	0	1	1	0	0	0	3
16	0	0	0	0	0	1	1	0	0	1	0	1	2	2	0	0	1	0	2	0	0	3
17	0	0	0	0	1	0	1	0	0	1	0	1	0	2	0	0	1	0	2	0	0	3
18	0	0	0	0	1	0	2	0	0	1	0	3	0	3	0	0	2	0	4	0	0	5
19	0	0	1	0	1	0	2	0	0	1	2	0	3	3	0	0	1	1	3	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	4	43	11	5	63	0	36	47	11	11	0	0	0	40	90	22	16	0	0	168
TOTAL	0	0	4	43	11	5	63	0	36	47	11	11	0	105	0	40	90	22	16	0	0	168

335

PROFILE 1974
BREAKDOWN FOR MOS 3431

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR G RA			
	ZLT	ILT	CPT	MAJ	LTC	COL	TOTAL RA	ZLT	ILT	CPT	MAJ	LTC	COL	TOTAL USAR	ZLT	ILT	CPT	MAJ		LTC	COL	TOTAL USAR G RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	10	2	0	0	0	0	12	0	10	2	0	0	0	0	12
3	0	0	0	0	0	0	0	0	2	0	0	0	0	5	0	2	0	0	0	0	0	5
4	0	0	1	0	0	0	1	0	7	0	0	0	0	7	0	0	8	0	0	0	0	8
5	0	0	1	0	0	0	1	0	9	0	0	0	0	10	0	1	10	0	0	0	0	11
6	0	0	4	0	0	0	4	0	3	1	0	0	0	4	0	0	7	1	0	0	0	8
7	0	0	6	0	0	0	6	0	0	1	2	0	0	3	0	0	7	2	0	0	0	9
8	0	0	4	0	0	0	4	0	0	1	0	0	0	1	0	0	5	0	0	0	0	5
9	0	0	3	1	1	0	4	0	0	0	1	0	0	1	0	0	3	2	0	0	0	5
10	0	0	0	1	1	0	2	0	0	1	2	0	0	3	0	0	1	3	1	0	0	5
11	0	0	0	1	0	0	1	0	0	0	2	0	0	2	0	0	0	3	0	0	0	5
12	0	0	0	1	0	0	1	0	0	1	2	0	0	3	0	0	1	3	0	0	0	4
13	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	1	1	0	0	0	0	4
14	0	0	0	0	1	0	1	0	0	1	0	1	0	2	0	0	1	1	0	0	0	4
15	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
16	0	0	0	0	2	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3
17	0	0	0	0	1	0	1	0	0	0	0	2	0	2	0	0	0	0	3	0	0	3
18	0	0	0	0	6	0	6	0	0	0	0	3	0	3	0	0	0	0	3	0	0	3
19	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
20	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
24	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	19	5	17	0	41	0	14	30	10	7	0	61	0	14	49	15	24	0	102	

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PROFILE 1974
BREAKDOWN FOR MOS 3449

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RESERVES	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL COMBINED
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	597	0	0	0	0	0	0	597

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PROFILE 1974
BREAKDOWN FOR MOSOTHER

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL						
	2LT	1LT	CPT	MAJ	LTC	COL	RA	TOTAL	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL	2LT	1LT	CPT	MAJ	LTC	COL	USAR	GRA	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	1	65	49	1	0	0	0	0	115	65	50	1	0	0	0	0	0	116	
2	1	2	0	0	0	3	3	39	156	2	0	0	0	0	197	40	158	2	0	0	0	0	0	200	
3	0	5	0	0	0	5	5	10	41	0	0	0	0	0	51	10	46	0	0	0	0	0	0	56	
4	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13	0	13	0	0	0	0	0	0	13	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	8	0	0	0	0	9	114	259	4	0	0	0	0	377	115	267	4	0	0	0	0	0	386	

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ATTRITION RATES IN EFFECT FOR YEAR 1975

YEARS	REGULAR ARMY										ARMY RESERVES				
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL			
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000			
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000			
2	.000	.000	.000	.000	.000	.000	.913	.825	.151	.764	.000	.000			
3	.000	.000	.000	.000	.000	.000	.000	.606	.294	.000	.000	.000			
4	.000	.000	.072	.000	.000	.000	.000	.624	.236	.000	.000	.000			
5	.000	.000	.133	.000	.000	.000	.000	.390	.522	.000	.000	.000			
6	.000	.000	.000	.031	.000	.000	.169	.203	.501	.144	.000	.000			
7	.000	.000	.000	.007	.000	.000	.239	.979	.247	.022	.000	.000			
8	.000	.000	.000	1.000	.000	.000	.000	1.000	.000	.497	.000	.000			
9	.000	.000	.042	.015	.000	.000	.000	.000	.000	.000	.000	.000			
10	.000	.000	.044	.028	.000	.000	.000	.000	.000	.234	.000	.000			
11	.000	.000	.000	.061	.000	.000	.000	.000	.000	.000	1.000	.000			
12	.000	.000	.000	.021	.000	.000	.000	.000	.000	.073	.000	.000			
13	.000	.000	.000	.025	.003	.000	.000	.000	.000	.074	.000	.000			
14	.000	.000	.000	.029	.006	.000	.000	.000	.000	.000	.000	.000			
15	.000	.000	.000	.019	.000	.000	.000	.000	.000	.000	.000	.000			
16	.000	.000	.077	.000	.017	.000	.000	.000	.000	.000	.000	.000			
17	.000	.000	.000	.000	.013	.000	.000	.000	.000	.023	.016	.000			
18	.000	.000	.000	.000	.000	.000	.000	.000	.138	.067	.000	.000			
19	.000	.000	.000	.000	.000	.000	.000	.000	.000	.569	.019	.000			
20	.000	.000	.000	.945	.350	.000	.000	.000	.231	.952	1.000	.000			
21	.000	.000	.000	1.000	.259	.087	.000	.000	.000	.000	.000	.000			
22	.000	.000	.000	.000	.460	.262	.000	.000	.000	.000	.000	.000			
23	.000	.000	.000	.000	.231	.314	.000	.000	.000	.000	.000	.000			
24	.000	.000	.000	.000	.279	.000	.000	.000	.000	.000	.000	.000			
25	.000	.000	.000	.000	.200	.772	.000	.000	.000	.000	.000	.000			
26	.000	.000	.000	1.000	.278	.147	.000	.000	.000	.000	.000	.000			
27	.000	.000	.000	.894	.759	.257	.000	.000	.000	.000	.000	.000			
28	.000	.000	.000	.000	1.000	.567	.000	.000	.000	.000	.000	.000			
29	.000	.000	.000	.000	.882	.532	.000	.000	.000	.000	.000	.000			
30	.000	.000	.000	.512	.512	1.000	.000	.000	.000	.000	.000	.000			

STATUS OF THE ARMY NURSE CORPS - 1975

	NJMBER	YEARLY PAY
REGULAR ARMY	824	11063222.
RESERVES	2773	22783846.
TOTAL	3597	33847068..

THE AUTHORIZED YEAR END STRENGTH IS 3597

BREAKDOWN BY RANK AND SERVICE COMPONENT

RANK	SC	NUMBER	SEPARATED INVOL	ATTRIT	PROMOTED TO TEMP	PERA	CHANGED FROM USAR TO RA	CHANGED FROM MOS	RECRUITED	PAY
2LT	R	3	0	0	3		3	0	0	19105.
2LT	V	1447	3	0	0		0	597	853	9215075.
1LT	R	70	0	0	1		19	11	0	634777.
1LT	V	719	5	610	242	373	0	109	0	5936785.
CPT	R	358	0	11	0	11	16	35	0	4224413.
CPT	V	405	3	129	0	43	0	62	0	4641858.
MAJ	R	192	2	4	0	0	10	0	0	2719963.
MAJ	V	132	7	19	0	0	0	2	0	1841069.
LTC	R	181	9	22	0	0	4	10	0	3035797.
LTC	V	68	16	2	0	0	0	5	0	1110449.
COL	R	20	0	10	0	0	0	3	0	429167.
COL	V	2	1	0	0	11	0	0	0	38610.
TOTAL		3597	46	807	243	431	52	834	853	33847068.

BREAKDOWN BY MOS

MOS	NUMBER	DESIRED NUMBER	DIFFERENCE	SEPARATED INVOL	ATTRIT	PROMOTED TO TEMP	PERM	CHANGED FROM USAR TO RA	CHANGED FROM MOS	RECRUITED	COST
3446	120	120	0	3	28	1	3	0	32	0	1414492.
3445	248	242	6	8	26	0	5	4	28	0	3206358.
3443	332	332	0	5	88	0	15	13	89	0	3828989.
3442	112	119	-7	3	31	3	6	4	24	0	1316944.
3437	163	167	-4	3	29	0	7	5	27	0	1912840.
3431	101	101	0	0	23	0	2	0	19	0	1208639.
3430	53	50	3	4	7	0	0	0	18	0	937421.
3448	1311	1229	82	16	500	115	150	18	597	0	12095000.
3449	853	889	-36	0	0	0	0	0	0	853	5432245.
OTHER	307	348	-41	4	75	14	246	8	0	0	2494141.
TOTAL	3597	3597	0	46	807	243	434	52	834	853	33847068.

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PROFILE 1975
BREAKDOWN BY YEARS OF ACTIVE FEDERAL SERVICE

YEARS	REGULAR ARMY					ARMY RESERVES					COMBINED RA AND USAR					TOTAL COL USAR & RA									
	2LY	1LT	CPT	MAJ	LTC	COL	RA	TOTAL	2LT	1LT	CPT	MAJ	LTC	COL	USAR		TOTAL	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	853	
1	3	0	0	0	0	0	3	594	0	0	0	0	0	0	0	594	597	0	0	0	0	0	0	597	
2	0	3	1	0	0	0	4	0	243	9	0	0	0	0	0	252	0	246	10	0	0	0	0	256	
3	0	24	2	0	0	0	26	0	292	16	0	0	0	0	0	308	0	316	18	0	0	0	0	334	
4	0	25	15	0	0	0	40	0	82	49	0	0	0	0	0	131	0	107	64	0	0	0	0	171	
5	0	12	23	0	0	0	35	0	40	53	0	0	0	0	0	93	0	52	76	0	0	0	0	128	
6	0	4	26	0	0	0	30	0	52	40	1	0	0	0	0	93	0	56	66	1	0	0	0	128	
7	0	0	57	0	0	0	57	0	1	72	8	0	0	0	0	81	0	1	129	8	0	0	0	138	
8	0	1	73	0	0	0	74	0	1	46	3	0	0	0	0	50	0	2	119	3	0	0	0	124	
9	0	1	43	3	0	0	47	0	2	32	9	0	0	0	0	43	0	3	75	12	0	0	0	90	
10	0	0	58	12	0	0	70	0	1	22	10	0	0	0	0	33	0	1	80	22	0	0	0	103	
11	0	0	21	12	2	0	35	0	0	18	11	0	0	0	0	29	0	0	39	23	2	0	0	64	
12	0	0	14	35	0	0	49	0	1	8	13	0	0	0	0	22	0	1	22	42	0	0	0	71	
13	0	0	16	26	1	0	43	0	0	16	13	0	0	0	0	29	0	0	32	39	1	0	0	72	
14	0	0	4	30	3	0	37	0	1	10	11	1	0	0	0	23	0	1	14	41	4	0	0	60	
15	0	0	2	34	8	0	44	0	2	5	17	3	0	0	0	27	0	2	7	51	11	0	0	71	
16	0	0	1	13	23	0	37	0	0	2	11	14	0	0	0	27	0	0	3	24	37	0	0	64	
17	0	0	0	8	26	0	34	0	0	1	3	13	0	0	0	17	0	0	1	11	39	0	0	51	
18	0	0	1	9	32	0	42	0	1	1	17	15	1	1	1	35	0	1	2	26	47	1	1	77	
19	0	0	0	10	35	0	45	0	0	5	5	22	1	1	1	33	0	0	5	15	57	1	1	78	
20	0	0	1	0	22	0	23	0	0	0	0	0	0	0	0	0	0	1	0	0	22	0	0	23	
21	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	
22	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
23	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
24	0	0	0	0	5	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	6	6	
25	0	0	0	0	9	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9	9	
26	0	0	0	0	4	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	5	5	
27	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL	3	70	358	192	181	20	824	1447	719	405	132	68	2	2773	1450	789	763	324	249	22	22	22	22	3597	

343

PROFILE 1975
 BREAKDOWN BY YEARS OF ACTIVE FEDERAL COMMISSIONED SERVICE

YEARS AFCS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	853	0	0	0	0	0	0	853	0	0	0	0	0	0	853
1	3	0	0	0	0	3	3	594	0	0	0	0	0	0	594	597	0	0	0	0	0	597
2	0	14	1	0	0	15	15	0	404	10	0	0	0	414	0	418	11	0	0	0	0	429
3	0	46	6	0	0	52	52	0	310	21	0	0	0	331	0	356	27	0	0	0	0	383
4	0	10	41	0	0	51	51	0	5	116	0	0	0	121	0	15	157	0	0	0	0	172
5	0	0	24	0	0	24	24	0	0	61	1	0	0	62	0	0	85	1	0	0	0	86
6	0	0	17	0	0	17	17	0	0	57	1	0	0	58	0	0	104	1	0	0	0	105
7	0	0	82	0	0	82	82	0	0	46	8	0	0	54	0	0	128	8	0	0	0	136
8	0	0	72	0	0	72	72	0	0	49	5	0	0	54	0	0	121	5	0	0	0	126
9	0	0	94	3	0	97	97	0	0	23	12	0	0	35	0	0	67	15	0	0	0	82
10	0	0	37	18	0	55	55	0	0	15	16	0	0	35	0	0	56	34	0	0	0	90
11	0	0	0	22	2	24	24	0	0	0	16	1	0	17	0	0	0	38	3	0	0	41
12	0	0	2	38	0	40	40	0	0	2	12	0	0	14	0	0	4	50	0	0	0	54
13	0	0	1	36	1	38	38	0	0	1	11	0	0	12	0	0	2	47	1	0	0	50
14	0	0	1	28	4	33	33	0	0	0	15	1	0	16	0	0	1	43	5	0	0	49
15	0	0	0	32	8	40	40	0	0	0	22	7	0	29	0	0	0	54	15	0	0	69
16	0	0	0	1	35	36	36	0	0	0	0	0	18	18	0	0	0	1	53	0	0	54
17	0	0	0	0	21	21	21	0	0	0	0	13	0	13	0	0	0	0	34	0	0	34
18	0	0	0	9	32	41	41	0	0	0	8	15	1	24	0	0	0	17	47	1	0	65
19	0	0	0	5	28	33	33	0	0	0	4	13	1	18	0	0	0	9	41	1	0	51
20	0	0	0	0	20	20	20	0	0	0	0	0	0	0	0	0	0	0	20	0	0	20
21	0	0	0	0	11	11	11	0	0	0	1	0	0	1	0	0	0	1	11	0	0	12
22	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	9	9	9	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9
24	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	1	0	6
25	0	0	0	0	9	9	9	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9
26	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5
27	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
28	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	3	70	358	192	181	20	824	1447	719	405	132	68	2	2773	1450	789	763	324	249	22	3597	

344

PROFILE 1975
BREAKDOWN FOR MOS 3446

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR G RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL USAR G RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	13	0	0	0	0	0	0	0	7
4	0	0	1	0	0	0	4	0	0	0	0	0	0	19	0	0	0	0	0	0	0	16
5	0	0	1	0	0	0	4	0	0	0	0	0	0	11	0	0	0	0	0	0	0	13
6	0	0	1	0	0	0	5	0	0	0	0	0	0	14	0	0	0	0	0	0	0	15
7	0	0	0	0	0	0	3	0	0	0	0	0	0	7	0	0	0	0	0	0	0	9
8	0	0	0	0	0	0	4	0	0	0	0	0	0	7	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
13	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
14	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
15	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
16	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	7	21	12	10	1	51	0	27	30	7	5	69	0	34	51	19	15	0	120	

345

PROFILE 1975
BREAKDOWN FOR MOS 3445

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	3	1	0	0	0	0	4	0	3	1	0	0	0	4
3	0	1	0	0	0	0	1	11	2	0	0	0	0	13	0	12	2	0	0	0	14
4	0	0	3	0	0	0	3	0	5	0	0	0	0	7	0	4	8	0	0	0	12
5	0	1	3	0	0	0	4	0	3	0	0	0	0	7	0	0	1	6	0	0	7
6	0	0	5	0	0	0	5	10	5	0	0	0	0	15	0	10	10	0	0	0	20
7	0	0	6	0	0	0	6	0	6	1	0	0	0	7	0	0	12	1	0	0	13
8	0	0	9	0	0	0	9	0	9	0	0	0	0	9	0	0	15	2	0	0	17
9	0	0	12	1	0	0	13	0	3	0	0	0	0	3	0	0	15	2	0	0	17
10	0	0	4	2	0	0	6	0	4	2	0	0	0	6	0	0	8	4	0	0	16
11	0	0	3	9	0	0	12	0	3	2	0	0	0	5	0	0	8	4	0	0	12
12	0	0	3	7	0	0	10	0	3	2	0	0	0	5	0	0	6	11	0	0	17
13	0	0	3	7	0	0	10	0	3	2	0	0	0	5	0	0	6	11	0	0	17
14	0	0	1	5	0	0	6	0	1	0	0	0	0	1	0	0	12	9	0	0	21
15	0	0	0	7	2	0	9	0	1	5	0	0	0	7	0	1	1	12	2	0	16
16	0	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0	1	2	7	0	9
17	0	0	0	2	1	0	3	0	0	1	2	0	0	3	0	0	0	3	3	0	6
18	0	0	0	1	7	0	8	0	0	4	3	0	0	7	0	0	0	5	10	0	15
19	0	0	0	3	6	0	9	0	0	1	3	0	0	4	0	0	0	4	9	0	13
20	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	4
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1
24	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2
25	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1
26	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	4	61	37	29	4	135	0	27	54	23	9	0	113	0	31	115	60	38	4	240

346

PROFILE 1975
BREAKDOWN FOR MOS 3443

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL					
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR	RA	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	32	1	0	0	0	0	33	33	0	32	1	0	0	0	0	0	33
3	0	0	0	0	0	0	6	37	0	0	0	0	0	37	37	0	43	0	0	0	0	0	0	43
4	0	0	0	0	0	0	5	5	10	0	0	0	0	15	15	0	8	12	0	0	0	0	0	20
5	0	0	0	0	0	0	6	10	9	0	0	0	0	19	19	0	10	15	0	0	0	0	0	25
6	0	0	0	0	0	0	3	9	6	0	0	0	0	15	15	0	9	9	0	0	0	0	0	18
7	0	0	0	0	0	0	12	0	18	1	0	0	0	19	19	0	0	30	1	0	0	0	0	31
8	0	0	0	0	0	0	18	0	9	1	0	0	0	10	10	0	0	27	1	0	0	0	0	28
9	0	0	0	0	0	0	7	0	11	2	0	0	0	13	13	0	0	17	3	0	0	0	0	20
10	0	0	0	0	0	0	10	0	4	1	0	0	0	5	5	0	0	14	3	0	0	0	0	17
11	0	0	0	0	0	0	12	0	2	1	0	0	0	3	3	0	0	4	2	0	0	0	0	6
12	0	0	0	0	0	0	11	0	1	1	0	0	0	2	2	0	0	6	7	0	0	0	0	13
13	0	0	0	0	0	0	5	0	2	1	0	0	0	3	3	0	0	6	2	0	0	0	0	8
14	0	0	0	0	0	0	6	0	3	2	0	0	0	5	5	0	0	3	0	0	0	0	0	11
15	0	0	0	0	0	0	9	0	1	3	0	0	0	4	4	0	0	2	0	0	0	0	0	17
16	0	0	0	0	0	0	5	0	1	2	0	0	0	3	3	0	0	1	12	3	0	0	0	18
17	0	0	0	0	0	0	3	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	6	0	0	4	0	0	0	5	5	0	0	1	1	5	4	0	0	11
19	0	0	0	0	0	0	1	0	2	0	0	0	0	6	6	0	0	2	1	7	0	0	0	10
20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	1	94	80	19	6	0	0	199	199	0	103	150	47	29	0	1	1	332
TOTAL	0	0	0	0	0	0	3	94	80	19	6	0	0	199	199	0	103	150	47	29	0	1	1	332

PROFILE 1975
BREAKDOWN FOR MOS 3442

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	2	0	5	3	0	0	0	9	0	7	2	0	0	0	0	9
4	0	0	1	0	0	0	1	0	2	5	0	0	7	9	0	6	4	0	0	0	0	10
5	0	0	1	5	0	0	6	0	3	5	0	0	8	7	0	3	5	0	0	0	0	8
6	0	0	2	4	0	0	2	0	3	4	0	0	7	8	0	4	10	0	0	0	0	14
7	0	0	4	0	0	0	4	0	3	4	0	0	7	7	0	3	6	0	0	0	0	9
8	0	0	5	0	0	0	5	0	0	6	0	0	6	6	0	0	10	0	0	0	0	10
9	0	0	2	0	0	0	2	0	1	6	0	0	6	6	0	0	11	0	0	0	0	11
10	0	0	2	1	0	0	3	0	0	1	0	0	3	3	0	1	3	1	0	0	0	5
11	0	0	2	0	0	0	2	0	0	1	0	0	2	2	0	0	3	2	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	2	1	0	0	0	3
13	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0	0	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	2	0	0	0	4
15	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0	2	0	0	0	6
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL	0	3	23	8	12	0	46	0	21	39	4	2	66	0	24	62	12	14	0	0	112	

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PROFILE 1975
BREAKDOWN FOR MOS 3437

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	1	0	4	0	0	0	0	4	0	4	1	0	0	0	0	5
3	0	1	0	0	0	0	1	14	2	0	0	0	0	16	0	15	2	0	0	0	0	17
4	0	2	1	0	0	0	3	3	5	0	0	0	0	8	0	5	6	0	0	0	0	11
5	0	2	2	0	0	0	4	0	1	5	0	0	0	6	0	3	7	0	0	0	0	10
6	0	2	4	0	0	0	6	0	6	4	0	0	0	10	0	8	8	0	0	0	0	16
7	0	0	9	0	0	0	9	0	6	1	0	0	0	17	0	0	15	1	0	0	0	16
8	0	0	7	0	0	0	7	0	7	1	0	0	0	8	0	1	14	1	0	0	0	15
9	0	1	7	0	0	0	8	0	3	0	0	0	0	3	0	1	10	1	0	0	0	11
10	0	0	6	0	0	0	6	1	4	0	0	0	0	5	0	1	12	0	0	0	0	13
11	0	0	5	1	0	0	6	0	2	1	0	0	0	3	0	0	7	2	0	0	0	9
12	0	0	0	3	0	0	3	0	0	3	0	0	0	3	0	0	0	6	0	0	0	6
13	0	0	1	2	0	0	3	0	0	1	0	0	0	2	0	0	2	3	0	0	0	5
14	0	0	1	2	0	0	3	0	0	1	0	0	0	2	0	0	2	2	2	0	0	4
15	0	0	1	2	1	0	4	0	0	1	0	0	0	1	0	0	1	1	1	0	0	3
16	0	0	0	0	1	0	1	0	1	0	0	0	0	2	0	0	1	0	2	3	0	3
17	0	0	0	0	1	0	1	0	1	0	1	0	0	3	0	0	1	0	2	3	0	5
18	0	0	0	1	1	0	2	0	0	1	0	1	0	3	0	0	2	0	3	0	0	6
19	0	0	0	0	1	0	1	0	2	0	0	3	0	5	0	0	2	0	4	0	0	6
20	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
21	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	29	45	9	7	0	0	90	0	37	93	20	13	0	0	163
TOTAL	0	8	48	11	6	0	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PROFILE 1975
BREAKDOWN FOR MOS 3431

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL COL USAR & RA	
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL	2LT	1LT	CPT	MAJ	LTC	COL		USAR
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	6	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
3	0	0	0	0	0	0	0	8	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
4	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
6	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
7	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	20	5	15	0	41	0	17	25	9	9	0	57	0	0	18	45	14	21	0	0	98

350

PROFILE 1975
BREAKDOWN FOR MOS 3430

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL	
AFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	31	10	41	0	0	0	2	12	0	0	0	2	39	12	53

351

PROFILE 1975
BREAKDOWN FOR MOS 3448

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL COL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	3	0	0	0	0	0	3	594	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	88	3	0	0	0	91	0	88	3	0	0	0	0	0
3	0	4	1	0	0	0	5	0	67	4	0	0	0	71	0	71	5	0	0	0	0	0
4	0	9	6	0	0	0	15	0	25	15	0	0	0	40	0	34	21	0	0	0	0	0
5	0	6	9	0	0	0	10	0	11	22	0	0	0	33	0	17	26	0	0	0	0	0
6	0	1	7	0	0	0	8	0	22	12	1	0	0	35	0	23	19	1	0	0	0	0
7	0	0	10	0	0	0	18	0	1	24	4	0	0	29	0	1	42	4	0	0	0	0
8	0	1	23	0	0	0	24	0	1	13	0	0	0	14	0	2	36	0	0	0	0	0
9	0	0	14	1	0	0	15	0	1	10	4	0	0	15	0	1	24	5	0	0	0	0
10	0	0	22	7	0	0	29	0	0	9	5	0	0	14	0	0	31	12	0	0	0	0
11	0	0	0	7	1	0	16	0	0	6	4	0	0	10	0	0	14	11	1	0	0	0
12	0	0	5	14	0	0	19	0	1	2	4	0	0	7	0	1	7	18	0	0	0	0
13	0	0	5	10	1	0	16	0	0	4	4	0	0	8	0	0	9	14	1	0	0	0
14	0	0	1	13	0	0	14	0	0	2	7	1	0	10	0	0	3	20	1	0	0	0
15	0	0	0	11	1	0	12	0	1	1	9	1	0	12	0	1	1	20	2	0	0	0
16	0	0	1	13	5	0	19	0	0	0	5	6	0	11	0	0	1	18	11	0	0	0
17	0	0	0	6	13	0	17	0	0	0	2	4	0	6	0	0	0	8	17	0	0	0
18	0	0	0	4	13	0	17	0	0	0	0	6	0	14	0	0	0	12	19	0	0	0
19	0	0	0	3	10	0	13	0	0	1	2	7	0	10	0	0	1	7	15	0	0	0
20	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0
21	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
22	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	21	115	91	56	2	287	594	218	128	59	25	0	1024	597	239	243	150	80	0	0	1311

35-2

PROFILE 1975
BREAKDOWN FOR MOS 3449

YEARS	REGULAR ARMY					ARMY RESERVES					COMBINED RA AND USAR					TOTAL												
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT		1LT	CPT	MAJ	LTC	COL	USAR & RA						
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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PROFILE 1975
BREAKDOWN FOR MOSOTHER

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL				
	2LY	1LY	CPT	MAJ	LTC	COL	RA	2LY	1LY	CPT	MAJ	LTC	COL	USAR	2LY	1LY	CPT	MAJ	LTC	COL	USAR	6 RA	TOTAL
AFS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	3	0	0	0	3	0	97	1	0	0	0	98	0	100	1	0	0	0	0	0	0
3	0	0	8	0	0	0	8	0	138	2	0	0	0	140	0	146	2	0	0	0	0	0	101
4	0	0	6	0	0	0	6	0	42	0	0	0	0	42	0	48	0	0	0	0	0	0	148
5	0	0	0	0	0	0	0	0	9	0	0	0	0	9	0	9	0	0	0	0	0	0	40
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
7	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	17	0	0	0	17	0	286	4	0	0	0	290	0	303	4	0	0	0	0	0	307

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ATTRITION RATES IN EFFECT FOR YEAR 1976

YEARS AFS	REGULAR ARMY				ARMY RESERVES							
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2	.000	.000	.000	.000	.000	.000	.940	.423	.127	.845	.000	.000
3	.000	.000	.000	.000	.000	.000	.000	.485	.318	.000	.000	.000
4	.000	.000	.377	.000	.000	.000	.000	.429	.204	.000	.000	.000
5	.000	.000	.600	.000	.000	.000	.000	.394	1.000	.000	.000	.000
6	.000	.000	.000	.028	.000	.000	.199	.161	1.000	.000	.000	.000
7	.000	.000	.000	.005	.000	.000	.112	.372	.143	.008	.000	.000
8	.000	.000	.000	.021	.000	.000	.000	1.000	.000	.815	.000	.000
9	.000	.000	.040	.014	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.044	.026	.000	.000	.000	.000	.000	.000	.000	.000
11	.000	.000	.000	.640	.000	.000	.000	.000	.000	.373	.000	.000
12	.000	.000	.000	.040	.000	.000	.000	.000	.000	.000	.365	.000
13	.000	.000	.000	.021	.002	.000	.000	.000	.000	.000	.112	.000
14	.000	.000	.000	.039	.007	.000	.000	.000	.000	.000	.063	.000
15	.000	.000	.000	.019	.000	.000	.000	.000	.000	.000	.000	.000
16	.000	.000	.059	.000	.059	.000	.000	.000	.000	.000	.552	.000
17	.000	.000	.000	.000	.016	.000	.000	.000	.000	.030	.141	.000
18	.000	.000	.000	.000	.000	.000	.000	.000	.000	.093	.000	.000
19	.000	.000	.000	.000	.000	.000	.000	.000	.253	.131	.000	.000
20	.000	.000	.000	.878	.298	.000	.000	.000	.000	.614	.017	.000
21	.000	.000	.000	1.000	.310	.100	.000	.000	.231	.953	1.000	.000
22	.000	.000	.000	.000	.391	.230	.000	.000	.000	.000	.000	.000
23	.000	.000	.000	.000	.208	.314	.000	.000	.000	.000	.000	.000
24	.000	.000	.000	.000	.131	.000	.000	.000	.000	.000	.000	.000
25	.000	.000	.000	.000	.167	.893	.000	.000	.000	.000	.000	.000
26	.000	.000	.000	1.000	.252	.137	.000	.000	.000	.000	.000	.000
27	.000	.000	.000	.751	.593	.167	.000	.000	.000	.000	.000	.000
28	.000	.000	.000	.000	1.000	.567	.000	.000	.000	.000	.000	.000
29	.000	.000	.000	.000	.983	.550	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.585	.585	1.000	.000	.000	.000	.000	.000	.000

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STATUS OF THE ARMY NURSE CORPS - 1976

	NUMBER	YEARLY PAY
REGULAR ARMY	815	10976309.
RESERVES	2782	22466766.
TOTAL	3597	33443075.

THE AUTHORIZED YEAR END STRENGTH IS 3597

BREAKDOWN BY RANK AND SERVICE COMPONENT

RANK	SC	NUMBER	SEPARATED INVOL	ATTRIT	PROMOTED TO TEMP	PERA	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	PAY
2LT	R	1	0	0	0	0	1	0	0	6348.
2LT	V	1330	3	0	0	0	0	853	478	8469972.
1LT	R	92	1	0	3	3	29	5	0	857509.
1LT	V	905	6	285	591	583	0	149	0	8015256.
CPT	R	349	17	6	9	43	27	8	0	4174524.
CPT	V	319	15	34	5	103	0	21	0	3772606.
MAJ	R	170	9	10	22	31	4	0	0	2425294.
MAJ	V	91	14	20	15	11	0	0	0	127584.
LTC	R	199	2	24	29	13	4	3	0	3007595.
LTC	V	56	24	2	18	13	0	1	0	913262.
COL	R	24	1	4	9	3	0	0	0	505019.
COL	V	1	1	0	0	3	0	0	0	19746.
TOTAL		3597	93	385	701	793	65	1040	478	33443075.

BREAKDOWN BY MOS

MOS	NUMBER	DESIRED NUMBER	DIFFERENCE	SEPARATED INVOL	ATTRIT	PROMOTED TO TEMP	PERM	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	COST
3446	122	120	2	3	16	4	16	5	21	0	1415615.
3445	236	242	-6	15	23	21	15	4	26	0	3024539.
3443	320	332	-12	13	58	18	34	6	59	0	3733157.
3442	128	119	9	5	13	5	17	3	34	0	1442608.
3437	165	167	-2	10	13	7	21	6	25	0	1928408.
3431	100	101	-1	3	13	3	14	3	18	0	1184407.
3430	46	50	-4	4	7	3	0	2	4	0	809143.
3448	1816	1229	587	40	121	610	673	22	853	0	15139302.
3449	478	889	-411	0	0	0	0	0	0	478	3044095.
OTHER	186	348	162	0	121	0	0	14	0	0	1721801.
TOTAL	3597	3597	93	385	385	731	790	65	1040	478	33443075.

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PROFILE 1976
BREAKDOWN BY YEARS OF ACTIVE FEDERAL SERVICE

YEARS AFS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL COL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	478	0	0	0	0	0	0	478	0	0	0	0	0	0	478
1	1	0	0	0	0	1	1	852	0	0	0	0	0	0	852	0	0	0	0	0	0	852
2	0	8	0	0	0	8	8	0	580	0	0	0	0	0	580	0	0	0	0	0	0	580
3	0	15	3	0	0	18	18	0	119	5	0	0	0	0	124	0	134	8	0	0	0	142
4	0	29	2	0	0	31	31	0	167	13	0	0	0	0	180	0	196	15	0	0	0	211
5	0	25	21	0	0	46	46	0	49	32	0	0	0	0	62	0	74	53	0	0	0	127
6	0	9	28	0	0	37	37	0	32	30	0	0	0	0	61	0	41	58	0	0	0	199
7	0	5	29	0	0	34	34	0	31	39	1	0	0	0	71	0	36	68	1	0	0	105
8	0	0	61	0	0	61	61	0	0	67	1	0	0	0	68	0	128	1	0	0	0	129
9	0	0	73	0	0	73	73	0	1	44	3	0	0	0	48	0	117	3	0	0	0	121
10	0	1	47	5	0	53	53	0	2	26	5	0	0	0	33	0	3	73	10	0	0	86
11	0	0	35	26	0	61	61	0	0	15	14	0	0	0	29	0	0	50	40	0	0	90
12	0	0	13	11	2	26	26	0	0	13	12	0	0	0	25	0	0	26	23	2	0	51
13	0	0	14	36	0	50	50	0	1	7	11	0	0	0	19	0	1	21	47	0	0	69
14	0	0	13	26	1	40	40	0	0	10	16	0	0	0	26	0	0	23	42	1	0	66
15	0	0	5	31	3	39	39	0	1	9	10	0	0	0	20	0	1	14	41	3	0	59
16	0	0	2	12	27	41	41	0	2	4	5	12	0	0	23	0	2	6	17	39	0	64
17	0	0	1	7	29	37	37	0	0	2	6	15	0	0	23	0	0	3	13	44	0	60
18	0	0	0	6	28	1	35	0	0	1	3	12	0	0	16	0	0	1	9	40	1	51
19	0	0	1	9	34	0	44	0	0	2	4	17	1	24	0	0	0	3	13	51	1	68
20	0	0	1	1	28	0	29	0	0	0	0	0	0	0	0	0	0	1	28	0	0	29
21	0	0	1	0	14	0	15	0	0	0	0	0	0	0	0	0	1	0	14	0	0	15
22	0	0	0	0	2	0	10	0	0	0	0	0	0	0	0	0	0	0	2	8	0	10
23	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
24	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
25	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
26	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	92	349	170	179	24	815	1330	985	319	91	56	1	2782	1331	1077	668	261	235	25	3597	

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PROFILE 1976
 BREAKDOWN BY YEARS OF ACTIVE FEDERAL COMMISSIONED SERVICE

YEARS AFCS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR G RA		
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR		G	RA
0	0	0	0	0	0	0	0	478	0	0	0	0	0	0	478	0	0	0	0	0	0	0	0	478
1	1	0	0	0	0	0	1	852	0	0	0	0	0	0	852	0	0	0	0	0	0	0	0	853
2	2	0	0	0	0	0	8	0	580	0	0	0	0	0	580	0	588	0	0	0	0	0	0	588
3	0	32	3	0	0	0	35	0	212	6	0	0	0	0	218	0	244	9	0	0	0	0	0	253
4	0	52	6	0	0	0	58	0	193	16	0	0	0	0	209	0	245	22	0	0	0	0	0	267
5	0	0	58	0	0	0	58	0	0	94	0	0	0	94	0	0	152	0	0	0	0	0	0	152
6	0	0	24	0	0	0	24	0	0	43	1	0	0	44	0	0	67	1	0	0	0	0	0	68
7	0	0	52	0	0	0	52	0	0	51	1	0	0	52	0	0	103	1	0	0	0	0	0	104
8	0	0	32	0	0	0	32	0	0	44	1	0	0	45	0	0	126	1	0	0	0	0	0	127
9	0	0	74	0	0	0	74	0	0	43	5	0	0	48	0	0	117	5	0	0	0	0	0	122
10	0	0	45	5	0	0	50	0	0	19	8	0	0	27	0	0	64	13	0	0	0	0	0	77
11	0	0	1	34	0	0	35	0	0	0	25	0	0	25	0	0	1	59	0	0	0	0	0	60
12	0	0	0	21	2	0	23	0	0	0	13	1	0	14	0	0	0	34	3	0	0	0	0	37
13	0	0	2	38	0	0	40	0	0	2	10	0	0	12	0	0	0	4	48	0	0	0	0	52
14	0	0	1	35	1	0	37	0	0	1	10	0	0	11	0	0	0	2	45	1	0	0	0	48
15	0	0	1	29	4	0	34	0	0	0	12	0	0	12	0	0	0	1	41	4	0	0	0	46
16	0	0	0	0	0	0	37	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	65
17	0	0	0	0	0	0	35	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	51
18	0	0	0	0	0	0	21	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	31
19	0	0	0	8	32	0	40	0	0	0	4	11	1	16	0	0	0	12	43	1	0	0	0	56
20	0	0	0	0	20	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	14	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
22	0	0	0	0	2	9	11	0	0	0	1	0	0	1	0	0	0	1	2	9	12	9	12	14
23	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
24	0	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
25	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
26	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	92	349	170	179	24	815	1330	985	319	91	56	1	2782	1331	1077	668	261	235	25	0	0	0	3597

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PROFILE 1976
BREAKDOWN FOR MOS 3446

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	10	24	10	8	1	53	0	34	25	6	4	0	69	0	44	49	16	12	0	122

359

PROFILE 1976
BREAKDOWN FOR MOS 3445

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ		LTC	COL	USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	5	56	31	30	4	126	0	40	46	14	10	0	110	0	45	102	45	40	4	236	0

360

PROFILE 1976
BREAKDOWN FOR MOS 3443

YEARS AFS	REGULAR ARMY					ARMY RESERVES					COMBINED RA AND USAR					TOTAL USAR & RA						
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT		1LT	CPT	MAJ	LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	37
3	0	0	0	0	0	0	0	1	0	0	0	0	0	19	0	0	0	0	0	0	0	20
4	0	0	0	0	0	0	7	0	0	0	0	0	0	21	0	0	0	0	0	0	0	28
5	0	0	0	0	0	0	6	0	0	0	0	0	0	9	0	0	0	0	0	0	0	15
6	0	0	0	0	0	0	8	0	0	0	0	0	0	13	0	0	0	0	0	0	0	21
7	0	0	0	0	0	0	3	0	0	0	0	0	0	13	0	0	0	0	0	0	0	16
8	0	0	0	0	0	0	12	0	0	0	0	0	0	24	0	0	0	0	0	0	0	36
9	0	0	0	0	0	0	19	0	0	0	0	0	0	10	0	0	0	0	0	0	0	29
10	0	0	0	0	0	0	19	0	0	0	0	0	0	10	0	0	0	0	0	0	0	19
11	0	0	0	0	0	0	10	0	0	0	0	0	0	5	0	0	0	0	0	0	0	15
12	0	0	0	0	0	0	12	0	0	0	0	0	0	3	0	0	0	0	0	0	0	15
13	0	0	0	0	0	0	12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	5	0	0	0	0	0	0	3	0	0	0	0	0	0	0	8
15	0	0	0	0	0	0	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	12
16	0	0	0	0	0	0	12	0	0	0	0	0	0	2	0	0	0	0	0	0	0	14
17	0	0	0	0	0	0	15	0	0	0	0	0	0	2	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	8
20	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	13	73	20	28	4	138	0	92	73	13	4	0	182	0	105	146	33	32	4	320	

PROFILE 1976
BREAKDOWN FOR MOS 3442

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	20	0	0	0	0	0	20	0	20	0	0	0	0	0	20
3	0	0	0	0	0	0	2	0	4	0	0	0	0	5	0	6	1	0	0	0	0	7
4	0	0	1	0	0	0	2	0	6	0	0	0	0	10	0	9	3	0	0	0	0	12
5	0	0	1	0	0	0	2	0	2	0	0	0	0	7	0	3	6	0	0	0	0	9
6	0	0	2	0	0	0	5	0	1	0	0	0	0	8	0	3	8	0	0	0	0	11
7	0	0	2	0	0	0	2	0	2	0	0	0	0	6	0	2	8	0	0	0	0	10
8	0	0	6	0	0	0	6	0	0	0	0	0	0	6	0	0	12	0	0	0	0	12
9	0	0	5	0	0	0	5	0	0	0	0	0	0	7	0	0	12	0	0	0	0	12
10	0	0	2	0	0	0	2	0	1	0	0	0	0	3	0	1	4	0	0	0	0	5
11	0	0	1	2	0	0	3	0	0	1	0	0	0	2	0	0	2	3	0	0	0	5
12	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
15	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	2	0	0	0	3
16	0	0	0	0	1	0	1	0	0	0	0	0	0	3	0	0	2	3	1	0	0	6
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	6	21	9	9	1	46	0	38	40	3	1	0	82	0	44	61	12	10	1	128	

362

PROFILE 1976
BREAKDOWN FOR NDS 3437

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA					
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL USAR	2LT	1LT	CPT		MAJ	LTC	COL	USAR	RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	15
3	0	0	0	0	0	0	2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	3	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	13
5	0	0	0	0	0	0	3	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	14
6	0	0	0	0	0	0	3	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	14
7	0	0	0	0	0	0	8	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	15
8	0	0	0	0	0	0	9	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	15
9	0	0	0	0	0	0	8	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	16
10	0	0	0	0	0	0	8	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	16
11	0	0	0	0	0	0	8	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	5	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	4	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	12
14	0	0	0	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	8
15	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6
16	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
19	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3
20	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
23	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	7	53	10	7	0	77	0	35	47	7	4	0	88	0	42	95	17	11	0	0	0	0	165

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PROF. E 1976
BREAKDOWN FOR MOS 3431

YEARS AFS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	15	0	0	0	0	0	15	0	15	0	0	0	0	0	15
3	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	4	0	0	0	0	0	4
4	0	0	0	0	0	0	0	6	2	0	0	0	0	8	6	2	0	0	0	0	0	8
5	0	1	0	0	0	0	1	1	2	0	0	0	0	3	2	2	0	0	0	0	0	4
6	0	0	2	0	0	0	2	1	5	0	0	0	0	6	1	4	0	0	0	0	0	5
7	0	0	1	0	0	0	1	0	4	0	0	0	0	4	0	1	6	0	0	0	0	7
8	0	0	6	0	0	0	6	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
9	0	0	8	0	0	0	8	0	1	1	0	0	0	2	0	9	1	0	0	0	0	10
10	0	0	3	0	0	0	3	0	0	1	0	0	0	1	0	0	4	0	0	0	0	4
11	0	0	1	3	0	0	4	0	0	0	1	0	0	1	0	0	1	4	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	2	1	0	0	3
13	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	3	0	0	0	3
14	0	0	0	1	0	0	1	0	1	2	0	0	0	3	0	0	1	3	0	0	0	4
15	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	1	1	0	0	0	0	2
16	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2
17	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
18	0	0	0	0	0	2	2	0	0	0	0	1	0	2	0	0	0	0	0	3	0	3
19	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	0	0	3	0	3
20	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
21	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
22	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	22	6	12	0	41	29	19	8	9	0	0	59	0	30	41	14	15	0	0	100

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PROFILE 1976
BREAKDOWN FOR MOS 3448

YEARS	REGULAR ARMY						APM RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA				
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL USAR	2LT	1LT	CPT		MAJ	LTC	COL	USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	5	0	0	0	0	5	0	464	0	0	0	0	464	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	1	0	38	2	0	0	0	40	0	38	3	0	0	0	0	0	41
4	0	4	1	0	0	0	5	0	27	2	0	0	0	29	0	31	3	0	0	0	0	0	34
5	0	6	8	0	0	0	14	0	12	6	0	0	0	18	0	18	14	0	0	0	0	0	32
6	0	4	6	0	0	0	10	0	7	11	0	0	0	18	0	11	17	0	0	0	0	0	28
7	0	2	6	0	0	0	8	0	12	6	1	0	0	19	0	14	12	1	0	0	0	0	27
8	0	0	17	0	0	0	17	0	0	14	1	0	0	15	0	0	31	1	0	0	0	0	32
9	0	0	20	0	0	0	20	0	1	11	0	0	0	12	0	1	31	0	0	0	0	0	32
10	0	0	16	3	0	0	19	0	1	7	1	0	0	9	0	1	23	4	0	0	0	0	28
11	0	0	10	15	0	0	25	0	0	5	7	0	0	12	0	0	15	22	0	0	0	0	37
12	0	0	4	6	1	0	11	0	0	3	6	0	0	9	0	0	7	12	1	0	0	0	20
13	0	0	3	15	0	0	18	0	1	2	4	0	0	7	0	0	1	5	19	0	0	0	25
14	0	0	4	9	1	0	14	0	0	1	6	0	0	7	0	0	0	5	15	1	0	0	21
15	0	0	1	14	0	0	15	0	0	1	6	0	0	7	0	0	2	20	0	0	0	0	22
16	0	0	0	4	5	0	9	0	1	1	3	7	0	12	0	0	1	7	12	0	0	0	21
17	0	0	1	7	11	0	19	0	0	0	2	7	0	9	0	0	1	9	18	0	0	0	28
18	0	0	0	6	13	0	19	0	0	0	2	3	0	5	0	0	0	8	16	0	0	0	24
19	0	0	0	4	13	0	17	0	0	0	1	6	0	7	0	0	0	5	19	0	0	0	24
20	0	0	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
21	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
22	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
23	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	21	98	83	57	5	265	852	564	72	40	23	0	1551	853	585	170	123	80	0	0	0	1816

366

PROFILE 1976
BREAKDOWN FOR MOS 3499

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	478	0	0	0	0	0	478	0	0	0	0	0	0	478	478	0	0	0	0	0	0	478

367

PROFILE 1976
BREAKDOWN FOR MOSOTHER

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	10	0	0	0	0	0	0	43	0	0	1	0	0	0	53
4	0	10	0	0	0	0	10	0	81	2	0	0	0	83	0	91	2	0	0	0	93
5	0	10	0	0	0	0	10	0	22	0	0	0	0	22	0	32	0	0	0	0	32
6	0	0	0	0	0	0	0	0	7	0	0	0	0	7	0	7	0	0	0	0	7
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	29	2	0	0	0	31	0	153	2	0	0	0	155	0	182	4	0	0	0	184

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ATTRITION RATES IN EFFECT FOR YEAR 1977

YEARS AFS	REGULAR ARMY						ARMY RESERVES					
	2LT	1LT	CPT	MAJ	LTC	COL	2LT	1LT	CPT	MAJ	LTC	COL
0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
1	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
2	.000	.000	.000	.000	.000	.000	.981	.423	.117	.937	.000	.000
3	.000	.000	.000	.000	.000	.000	.000	.479	.356	.000	.000	.000
4	.000	.000	.174	.000	.000	.000	.000	.426	.195	.000	.000	.000
5	.000	.000	.078	.000	.000	.000	.367	.000	.000	.000	.000	.000
6	.000	.000	.000	.024	.000	.000	.204	.088	.739	.202	.000	.000
7	.000	.000	.000	.003	.000	.000	.260	.876	.421	.012	.000	.000
8	.000	.000	.000	.023	.000	.000	.000	1.000	.000	.000	.000	.000
9	.000	.000	.039	.013	.000	.000	.000	.000	.000	.000	.000	.000
10	.000	.000	.041	.024	.000	.000	.000	.000	.000	.000	.000	.000
11	.000	.000	.000	.945	.000	.000	.000	1.000	.000	.000	1.000	.000
12	.000	.000	.000	.033	.000	.000	.000	.000	.000	.088	.000	.000
13	.000	.000	.000	.034	.002	.000	.000	.000	.000	.083	.000	.000
14	.000	.000	.000	.033	.005	.000	.000	.000	.000	.000	.000	.000
15	.000	.000	.000	.023	.000	.000	.000	.000	.000	.000	.009	.000
16	.000	.000	.048	.000	.201	.000	.000	.000	.000	.046	.034	.000
17	.000	.000	.000	.000	.014	.000	.000	.000	.000	.000	.000	.000
18	.000	.000	.000	.000	.000	.000	.000	.000	.184	.253	.000	.000
19	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.000	.019	.000
20	.000	.000	.000	.738	.288	.000	.000	.000	.231	.955	1.000	.000
21	.000	.000	.000	1.000	.267	.083	.000	.000	.000	.000	.000	.000
22	.000	.000	.000	.000	.286	.173	.000	.000	.000	.000	.000	.000
23	.000	.000	.000	.000	.190	.314	.000	.000	.000	.000	.000	.000
24	.000	.000	.000	.000	.126	.000	.000	.000	.000	.000	.000	.000
25	.000	.000	.000	.000	.038	.288	.000	.000	.000	.000	.000	.000
26	.000	.000	.000	1.000	.252	.141	.000	.000	.000	.000	.000	.000
27	.000	.000	.000	.686	.508	.116	.000	.000	.000	.000	.000	.000
28	.000	.000	.000	.000	1.000	.567	.000	.000	.000	.000	.000	.000
29	.000	.000	.000	.000	1.000	.618	.000	.000	.000	.000	.000	.000
30	.000	.000	.000	.658	.658	1.000	.000	.000	.000	.000	.000	.000

STATUS OF THE ARMY NURSE CORPS - 1977

	NUMBER	YEARLY PAY
REGULAR ARMY	831	11121515.
RESERVES	2766	22350558.
TOTAL	3597	33472073.

THE AUTHORIZED YEAR END STRENGTH IS 3597

BREAKDOWN BY RANK AND SERVICE COMPONENT

RANK	SC	NUMBER	SEPARATED INVL	ATTRIT	PROMOTED TO TEMP	PEFH	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	PAY
2LT	R	4	0	0	0	0	4	0	0	25474.
2LT	V	1023	9	0	0	0	0	478	549	6514873.
1LT	R	70	1	0	1	1	29	1	0	633967.
1LT	V	1247	18	355	843	839	0	173	0	9609538.
CPT	R	396	9	5	51	54	47	8	0	4737121.
CPT	V	380	15	42	179	178	0	17	0	4494164.
MAJ	R	170	13	9	37	30	6	0	0	2417515.
MAJ	V	175	8	9	14	15	0	0	0	1067736.
LTC	R	173	5	23	21	2	4	12	0	2927534.
LTC	V	41	18	0	7	3	0	6	0	664247.
COL	R	18	1	8	3	0	0	1	0	379904.
COL	V	0	1	0	0	0	0	0	0	0.
TOTAL		3597	98	451	1156	1122	90	696	549	33472073.

BREAKDOWN BY MOS

MOS	DESIRED NUMBER	DIFFERENCE	SEPARATED INVL	ATTRIT	PROMOTED TO TEMP	PERM	CHANGED FROM USAR TO RA	CHANGED MOS	RECRUITED	COST
3446	112	-8	5	17	23	22	4	12	0	1322605.
3445	245	3	18	24	38	31	6	51	0	2936574.
3443	336	4	9	44	57	50	17	69	0	3899448.
3442	117	-2	7	22	19	17	3	18	0	1346462.
3437	171	4	6	19	30	31	10	31	0	1993793.
3431	97	-4	5	16	11	12	3	18	0	1134557.
3430	54	4	3	8	1	1	1	19	0	930640.
3448	1788	559	42	246	947	928	36	478	0	15109243.
3449	549	-340	0	0	0	0	0	0	549	3496252.
OTHER	128	\$220	3	55	30	30	10	0	0	1302498.
TOTAL	3597		98	451	1156	1122	90	696	549	33472074.

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PROF.I.E 1977
BREAKDOWN BY YEARS OF ACTIVE FEDERAL SERVICE

YEARS AFS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR & RA	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	549	0	0	0	0	0	0	549
1	4	0	0	0	0	0	4	0	0	0	0	0	0	474	478	0	0	0	0	0	0	478
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	5	0	0	0	0	5	0	835	0	0	0	0	835	0	840	0	0	0	0	0	840
4	0	21	0	0	0	0	22	0	309	0	0	0	0	309	0	331	0	0	0	0	0	331
5	0	9	3	0	0	0	24	4	56	4	0	0	0	60	0	77	7	0	0	0	0	84
6	0	0	37	0	0	0	46	81	28	0	0	0	0	109	0	37	118	0	0	0	0	155
7	0	13	37	0	0	0	50	33	18	0	0	0	0	51	0	31	70	0	0	0	0	101
8	0	0	41	0	0	0	41	42	0	0	0	0	0	42	0	0	83	0	0	0	0	83
9	0	0	39	0	0	0	39	58	0	0	0	0	0	58	0	0	97	0	0	0	0	97
10	0	0	65	0	0	0	65	60	0	1	0	0	0	61	0	0	125	1	0	0	0	126
11	0	0	78	0	0	0	78	38	0	1	0	0	0	39	0	1	116	0	0	0	0	117
12	0	0	39	11	0	0	50	18	0	7	0	0	0	25	0	0	57	18	0	0	0	75
13	0	0	17	43	0	0	60	10	13	13	0	0	0	23	0	0	27	56	0	0	0	83
14	0	0	10	14	2	0	26	9	13	0	0	0	0	22	0	0	19	27	2	0	0	40
15	0	0	11	37	0	0	48	6	10	0	0	0	0	16	0	0	17	47	0	0	0	64
16	0	0	9	30	1	0	40	7	18	0	0	0	0	25	0	0	16	48	1	0	0	65
17	0	0	7	15	14	0	36	4	4	2	0	0	0	13	0	0	14	19	16	0	0	49
18	0	0	1	5	31	0	37	5	5	13	0	0	0	23	0	0	6	11	45	0	0	62
19	0	0	1	5	32	1	38	1	4	16	0	0	0	21	0	0	2	9	47	0	0	58
20	0	0	1	4	24	0	29	1	0	10	0	0	0	11	0	0	1	5	42	1	0	49
21	0	0	1	4	20	0	20	0	0	0	0	0	0	0	0	0	0	4	24	0	0	29
22	0	0	0	0	11	3	14	0	0	0	0	0	0	0	0	0	0	0	20	0	0	20
23	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	11	3	0	14
24	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
26	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
27	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	70	396	170	173	18	831	1023	1247	380	75	41	0	2766	1027	1317	776	245	214	18	3597	

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PROFILE 1977
BREAKDOWN BY YEARS OF ACTIVE FEDERAL COMMISSIONED SERVICE

YEARS AFCS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC	COL	USAR & RA	
0	0	0	0	0	0	0	0	549	0	0	0	0	0	0	549	0	0	0	0	0	0	549
1	4	0	0	0	0	4	4	474	0	0	0	0	0	0	474	0	0	0	0	0	0	478
2	0	5	0	0	0	5	5	0	835	0	0	0	0	0	835	0	0	0	0	0	0	840
3	0	22	0	0	0	22	22	0	309	0	0	0	0	0	309	0	0	0	0	0	0	331
4	0	43	3	0	0	46	46	0	103	4	0	0	0	0	107	0	7	0	0	0	0	153
5	0	0	78	0	0	78	78	0	0	157	0	0	0	0	157	0	235	0	0	0	0	235
6	0	0	65	0	0	65	65	0	0	53	0	0	0	0	53	0	118	0	0	0	0	118
7	0	0	27	0	0	27	27	0	0	40	1	0	0	0	41	0	67	1	0	0	0	68
8	0	0	55	0	0	55	55	0	0	47	0	0	0	0	47	0	102	0	0	0	0	102
9	0	0	65	0	0	65	65	0	0	38	1	0	0	0	39	0	123	1	0	0	0	124
10	0	0	78	0	0	78	78	0	0	38	2	0	0	0	40	0	116	2	0	0	0	118
11	0	0	1	36	0	37	37	0	0	0	18	0	0	0	18	0	1	54	0	0	0	55
12	0	0	0	36	0	36	36	0	0	0	20	0	0	0	20	0	0	56	0	0	0	56
13	0	0	0	21	2	23	23	0	0	0	13	1	0	0	14	0	0	34	3	0	0	37
14	0	0	2	36	0	38	38	0	0	2	8	0	0	0	10	0	4	44	0	0	0	48
15	0	0	1	35	1	37	37	0	0	1	9	0	0	0	10	0	2	44	1	0	0	47
16	0	0	1	2	24	27	27	0	0	0	3	5	0	0	8	0	1	5	29	0	0	35
17	0	0	0	0	37	37	37	0	0	0	0	13	0	0	13	0	0	0	50	0	0	50
18	0	0	0	0	34	34	34	0	0	0	0	15	0	0	15	0	0	0	49	0	0	49
19	0	0	0	0	22	22	22	0	0	0	0	7	0	0	7	0	0	0	29	0	0	29
20	0	0	0	0	22	22	22	0	0	0	0	0	0	0	0	0	0	4	22	0	0	26
21	0	0	0	0	14	14	14	0	0	0	0	0	0	0	0	0	0	0	14	0	0	14
22	0	0	0	0	11	11	11	0	0	0	0	0	0	0	0	0	0	0	11	3	0	14
23	0	0	0	0	6	6	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
24	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	4	4	0	4
25	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
26	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	4	4	0	4
27	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	70	396	170	173	18	831	1023	1247	380	75	41	0	2766	1027	1317	776	245	214	18	3597	

312

PROFILE 1977
BREAKDOWN FOR MOS 3446

YEARS AFS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR 6 RA			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	USAR 6 RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	10	0	0	0	0	10	0	10	0	0	0	0	0	0	10
3	0	2	0	0	0	0	3	10	0	0	0	0	10	0	12	0	0	0	0	0	0	12
4	0	3	0	0	0	0	4	1	1	0	0	0	2	0	4	1	0	0	0	0	0	5
5	0	0	4	0	0	0	4	1	4	0	0	0	5	0	1	0	0	0	0	0	0	9
6	0	0	4	0	0	0	4	0	3	0	0	0	3	0	0	7	0	0	0	0	0	7
7	0	0	4	0	0	0	4	0	0	0	0	0	7	0	0	0	11	0	0	0	0	11
8	0	0	6	0	0	0	6	0	4	0	0	0	4	0	0	10	0	0	0	0	0	10
9	0	0	4	0	0	0	4	0	6	0	0	0	6	0	0	10	0	0	0	0	0	10
10	0	0	4	0	0	0	4	0	4	0	0	0	6	0	0	5	0	0	0	0	0	10
11	0	0	4	0	0	0	4	0	1	0	0	0	1	0	0	2	0	0	0	0	0	5
12	0	0	2	0	0	0	2	0	0	0	0	0	1	0	0	1	2	0	0	0	0	3
13	0	0	1	1	0	0	2	0	1	0	0	0	1	0	0	2	1	0	0	0	0	3
14	0	0	1	2	0	0	3	0	1	0	0	0	1	0	0	1	3	0	0	0	0	4
15	0	0	0	3	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	6
16	0	0	0	2	0	0	2	0	1	0	0	0	1	0	0	2	2	0	0	0	0	4
17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	2
21	0	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	5	31	9	6	1	52	22	29	6	3	0	60	0	27	60	15	9	0	0	1	112

313

PROFILE 1977
BREAKDOWN FOR MOS 3445

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA				
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL USAR	2LT	1LT	CPT		MAJ	LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	42	0	0	0	0	0	42	0	42	0	0	0	0	0	0	42
3	0	1	0	0	0	0	1	15	0	0	0	0	0	15	0	16	0	0	0	0	0	0	16
4	0	0	0	0	0	0	0	2	1	0	0	0	0	3	0	3	1	0	0	0	0	0	4
5	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	12
6	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	5	0	0	0	5	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
8	0	0	6	0	0	0	6	0	0	11	0	0	0	11	0	0	0	0	0	0	0	0	0
9	0	0	6	0	0	0	6	0	0	6	0	0	0	6	0	0	0	0	0	0	0	0	0
10	0	0	12	0	0	0	12	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
11	0	0	2	0	0	0	2	0	0	6	0	0	0	6	0	0	0	0	0	0	0	0	0
12	0	0	2	6	0	0	8	0	0	5	2	0	0	7	0	0	20	0	0	0	0	0	20
13	0	0	2	2	0	0	4	0	0	2	0	0	0	2	0	0	10	4	0	0	0	0	14
14	0	0	2	8	0	0	10	0	0	2	2	0	0	4	0	0	5	4	0	0	0	0	9
15	0	0	2	10	0	0	12	0	0	3	3	0	0	6	0	0	5	13	0	0	0	0	14
16	0	0	1	1	4	0	6	0	0	0	0	0	0	0	0	0	1	1	4	0	0	0	6
17	0	0	0	2	7	0	9	0	0	2	2	2	0	6	0	0	2	4	9	0	0	0	15
18	0	0	0	0	6	0	6	0	0	0	1	1	0	2	0	0	0	1	7	0	0	0	8
19	0	0	0	0	3	0	3	0	0	0	0	2	0	2	0	0	0	0	5	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	3	53	31	25	3	115	0	59	54	12	5	0	130	0	62	107	43	30	0	0	0	245

374

PROFILE 1977
BREAKDOWN FOR MOS 3493

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	3	0	0	0	0	3	0	34	0	0	0	0	34	0	43	0	0	0	0	0	43
4	0	0	0	0	0	0	0	5	0	0	0	0	6	0	37	0	0	0	0	0	0	37
5	0	0	8	0	0	0	8	0	0	20	0	0	0	20	0	7	1	0	0	0	0	8
6	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	28	0	0	0	0	28
7	0	0	8	0	0	0	8	0	0	8	0	0	0	8	0	2	10	0	0	0	0	12
8	0	0	3	0	0	0	3	0	0	14	0	0	0	14	0	0	16	0	0	0	0	16
9	0	0	15	0	0	0	15	0	0	21	0	0	0	21	0	0	17	0	0	0	0	17
10	0	0	21	0	0	0	21	0	1	8	0	0	0	9	0	1	29	0	0	0	0	30
11	0	0	7	4	0	0	11	0	0	6	1	0	0	7	0	0	13	5	0	0	0	18
12	0	0	6	5	0	0	11	0	0	3	2	0	0	5	0	0	9	7	0	0	0	16
13	0	0	1	2	0	0	3	0	0	2	1	0	0	3	0	0	3	3	0	0	0	6
14	0	0	5	6	0	0	11	0	0	0	0	0	0	0	0	0	5	7	0	0	0	12
15	0	0	3	2	0	0	5	0	0	3	0	0	0	3	0	0	3	5	0	0	0	8
16	0	0	0	3	0	0	3	0	2	4	2	0	0	6	0	0	4	5	3	0	0	12
17	0	0	1	0	11	0	12	0	0	0	0	2	0	2	0	0	1	0	13	0	0	14
18	0	0	0	0	5	0	5	0	0	1	0	0	0	1	0	0	1	1	5	0	0	7
19	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
20	0	0	1	1	3	0	5	0	0	0	0	0	0	0	0	0	1	1	3	0	0	5
21	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
22	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
26	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	7	84	23	29	3	146	0	83	93	11	3	0	190	0	90	177	34	32	0	3	336

375

PROFILE 1977
BREAKDOWN FOR MOS 3442

YEARS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL COL USAR & RA		
	2LT	1LT	CPT	MAJ	LTC	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	2LT	1LT	CPT	MAJ	LTC		COL	USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	10	0	0	0	0	10	0	10	0	0	0	0	0	10
3	0	0	0	0	0	0	0	12	0	0	0	0	12	0	12	0	0	0	0	0	12
4	0	2	0	0	0	0	0	4	1	0	0	0	5	6	1	0	0	0	0	0	7
5	0	0	3	0	0	0	0	1	0	0	0	0	6	1	8	0	0	0	0	0	9
6	0	0	3	0	0	0	0	0	0	0	0	0	5	0	8	0	0	0	0	0	8
7	0	0	5	0	0	0	0	0	0	0	0	0	5	0	10	0	0	0	0	0	10
8	0	0	2	0	0	0	0	0	0	0	0	0	7	0	9	0	0	0	0	0	9
9	0	0	8	0	0	0	0	0	0	0	0	0	5	0	13	0	0	0	0	0	13
10	0	0	5	0	0	0	0	0	0	0	0	0	8	0	13	0	0	0	0	0	13
11	0	0	2	0	0	0	0	0	1	0	0	0	2	0	3	1	0	0	0	0	4
12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	4
13	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	2	29	8	7	1	47	0	27	39	3	1	70	0	29	68	11	8	1	117	117

PROFILE 1977
BREAKDOWN FOR MOS 3431

YEARS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA	
	2LT	1LT	CPT	MAJ	LTC	COL	RA	2LT	1LT	CPT	MAJ	LTC	COL	USAR	TOTAL	2LT	1LT	CPT	MAJ	LTC	COL		USAR & RA
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	14	0	0	0	0	0	14	0	0	0	0	0	0	0	0	14
3	0	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
4	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	24	6	10	0	41	0	27	21	7	1	0	56	0	28	45	13	11	0	0	0	97

378

PROFILE 1977
BREAKDOWN FOR MOS 344B

YEARS AFS	REGULAR ARMY							ARMY RESERVES							COMBINED RA AND USAR							TOTAL USAR & RA
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	4	0	0	0	0	0	4	474	0	0	0	0	0	474	478	0	0	0	0	0	0	478
2	0	5	0	0	0	0	5	0	699	0	0	0	0	699	0	704	0	0	0	0	0	704
3	0	12	0	0	0	0	12	0	217	0	0	0	0	217	0	229	0	0	0	0	0	229
4	0	1	2	0	0	0	3	0	16	0	0	0	0	16	0	17	2	0	0	0	0	19
5	0	0	9	0	0	0	9	0	0	12	0	0	0	12	0	0	21	0	0	0	0	21
6	0	0	12	0	0	0	12	0	0	11	0	0	0	11	0	0	23	0	0	0	0	23
7	0	0	11	0	0	0	11	0	0	12	0	0	0	12	0	0	23	0	0	0	0	23
8	0	0	10	0	0	0	10	0	0	11	0	0	0	11	0	0	21	0	0	0	0	21
9	0	0	17	0	0	0	17	0	0	11	1	0	0	12	0	0	28	1	0	0	0	29
10	0	0	20	0	0	0	20	0	0	5	0	0	0	5	0	0	25	0	0	0	0	25
11	0	0	11	4	0	0	15	0	0	3	3	0	0	6	0	0	14	7	0	0	0	21
12	0	0	2	22	0	0	24	0	0	3	7	0	0	10	0	0	5	29	0	0	0	34
13	0	0	3	7	1	0	11	0	0	1	6	0	0	7	0	0	4	13	1	0	0	18
14	0	0	3	10	1	0	14	0	0	3	4	0	0	7	0	0	5	18	0	0	0	23
15	0	0	2	5	5	0	12	0	0	2	2	1	0	3	0	0	4	16	1	0	0	21
16	0	0	2	5	6	0	8	0	0	2	7	0	0	11	0	0	2	7	6	0	0	15
17	0	0	0	2	6	0	8	0	0	2	2	1	0	5	0	0	2	4	13	0	0	19
18	0	0	1	5	10	0	16	0	0	1	4	0	0	5	0	0	1	6	14	0	0	21
19	0	0	0	5	10	0	15	0	0	0	0	4	0	4	0	0	0	5	14	0	0	19
20	0	0	0	1	10	0	11	0	0	0	0	0	0	4	0	0	0	5	14	0	0	19
21	0	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	1	10	0	0	11
22	0	0	0	0	4	1	5	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
23	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	18	105	75	53	4	259	474	932	75	32	16	0	1529	478	950	180	107	69	4	1789	

380

PROFILE 1977
BREAKDOWN FOR MOS 3449

YEARS APS	REGULAR ARMY						ARMY RESERVES						COMBINED RA AND USAR						TOTAL USAR & RA 549			
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT	1LT	CPT	MAJ		LTC	COL	TOTAL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	549	0	0	0	0	0	549	0	0	0	0	0	0	549	549	0	0	0	0	0	0	549

381

PROFILE 1977
BREAKDOWN FOR MOSOTHER

YEARS AFS	REGULAR ARMY					ARMY RESERVES					COMBINED RA AND USAR					TOTAL COL USAR & RA					
	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL RA	2LT	1LT	CPT	MAJ	LTC	COL	TOTAL USAR	2LT		1LT	CPT	MAJ	LTC	COL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	12	0	0	0	0	12	0	22	0	0	0	0	22	0	34	0	0	0	0	0
5	0	14	6	0	0	0	14	26	17	0	0	0	0	43	0	34	23	0	0	0	34
6	0	11	1	0	0	0	12	18	17	0	0	0	0	19	0	29	2	0	0	0	57
7	0	0	1	0	0	0	1	0	4	0	0	0	0	4	0	0	5	0	0	0	31
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	31	9	0	0	0	40	66	22	0	0	0	0	88	97	31	0	0	0	0	129

OPIN

382

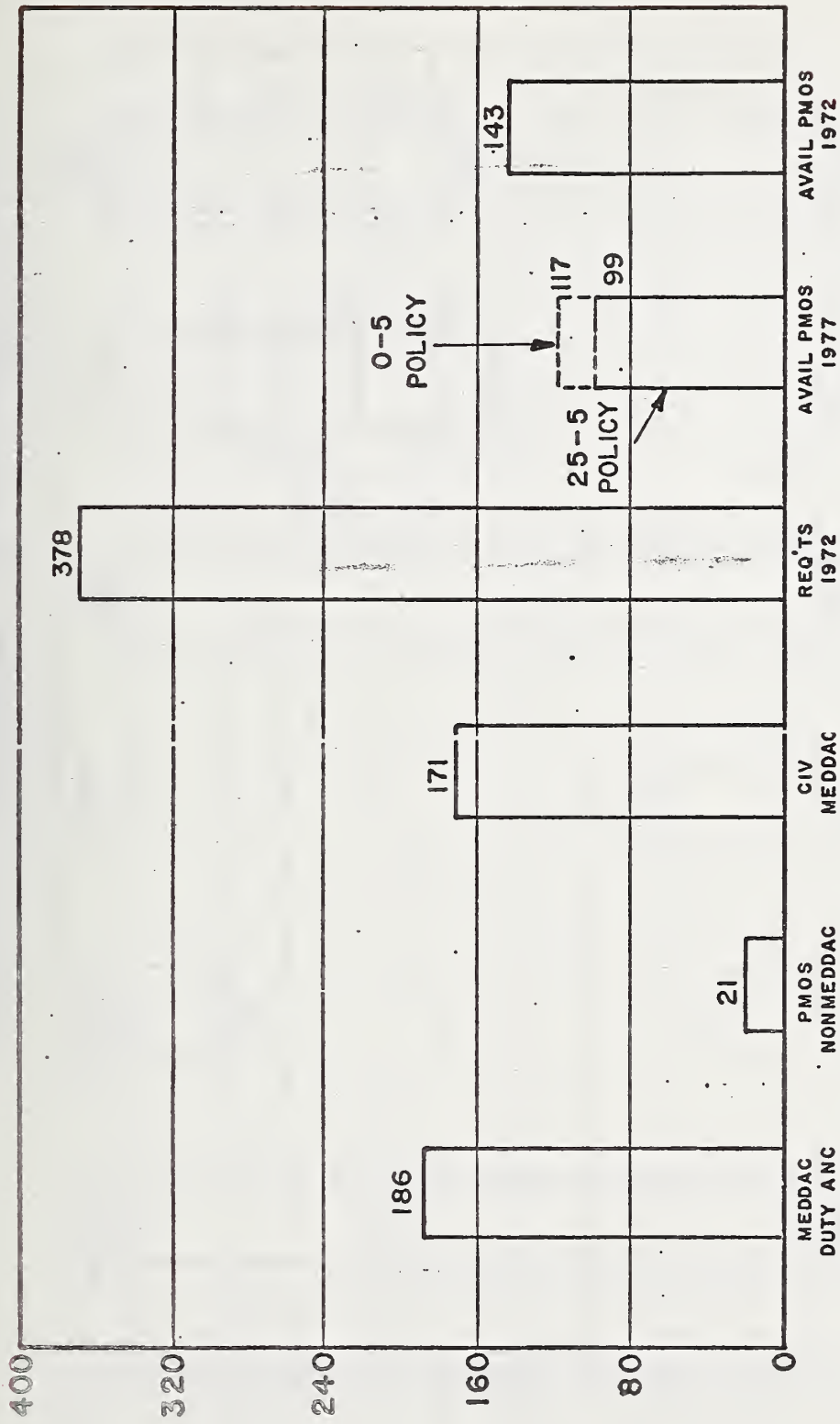


FIGURE 1 REQUIREMENTS FOR MOS 3442
(PEDIATRICS)

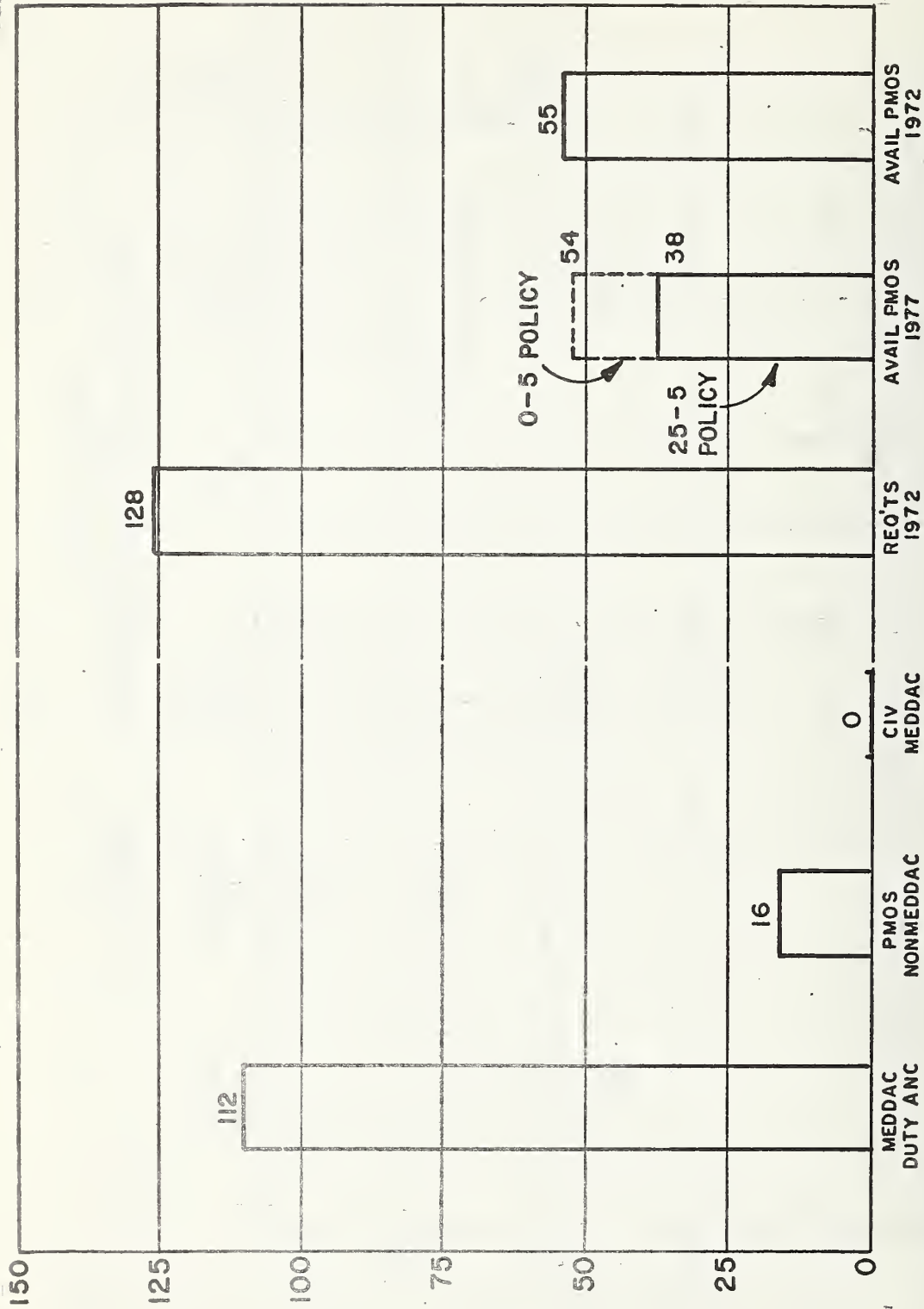


FIGURE 2 REQUIREMENTS FOR MOS 3430
(ADMINISTRATOR)

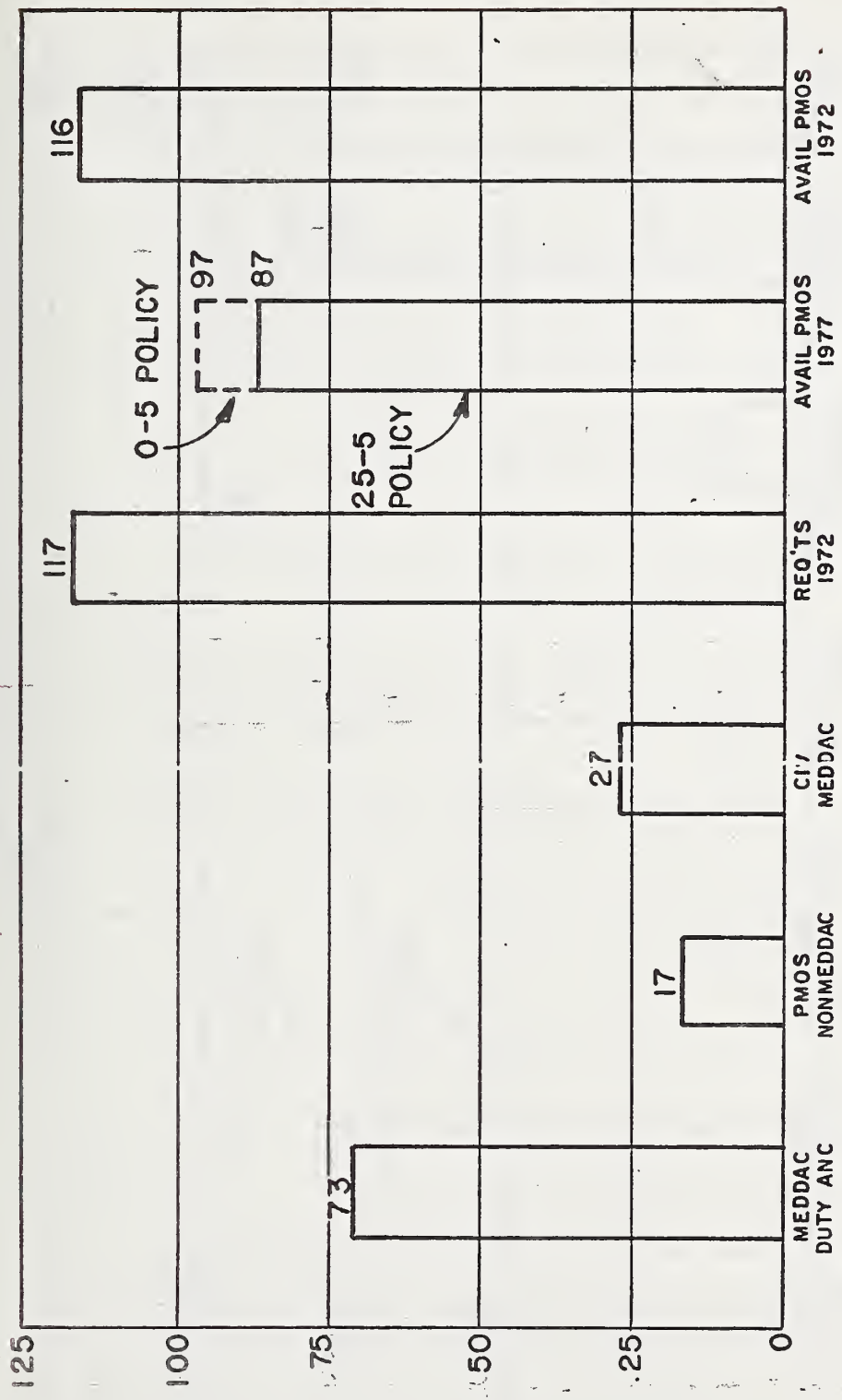


FIGURE 3 REQUIREMENTS FOR MOS 3431
(ARMY HEALTH NURSE)

385

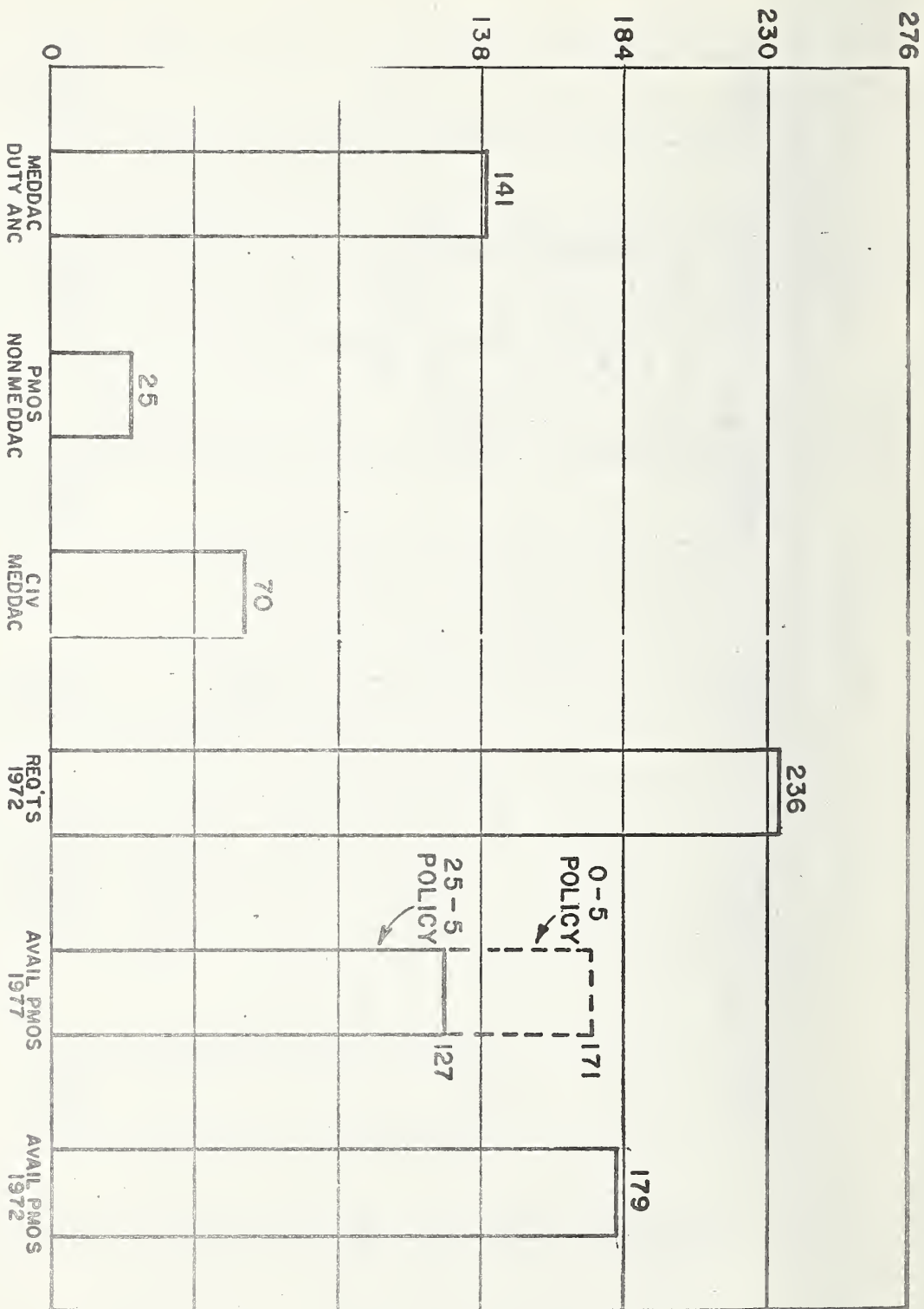


FIGURE 4 REQUIREMENTS FOR MOS 3437 (NEUROPSYCHIATRIC)

276

230

184

138

0

236

179

0-5 POLICY

25-5 POLICY

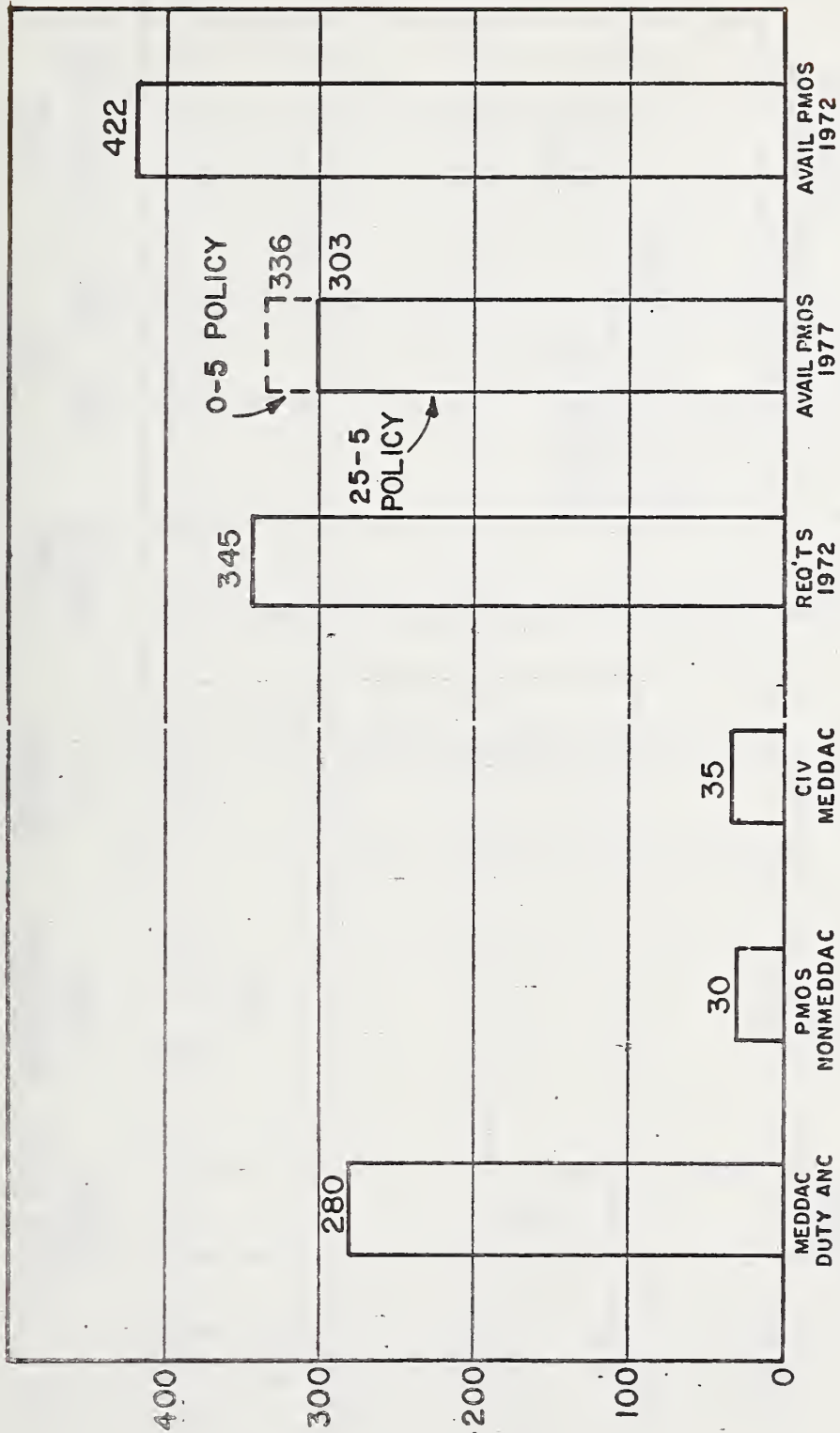


FIGURE 5 REQUIREMENTS FOR MOS 3443
(OPERATING ROOM NURSES)

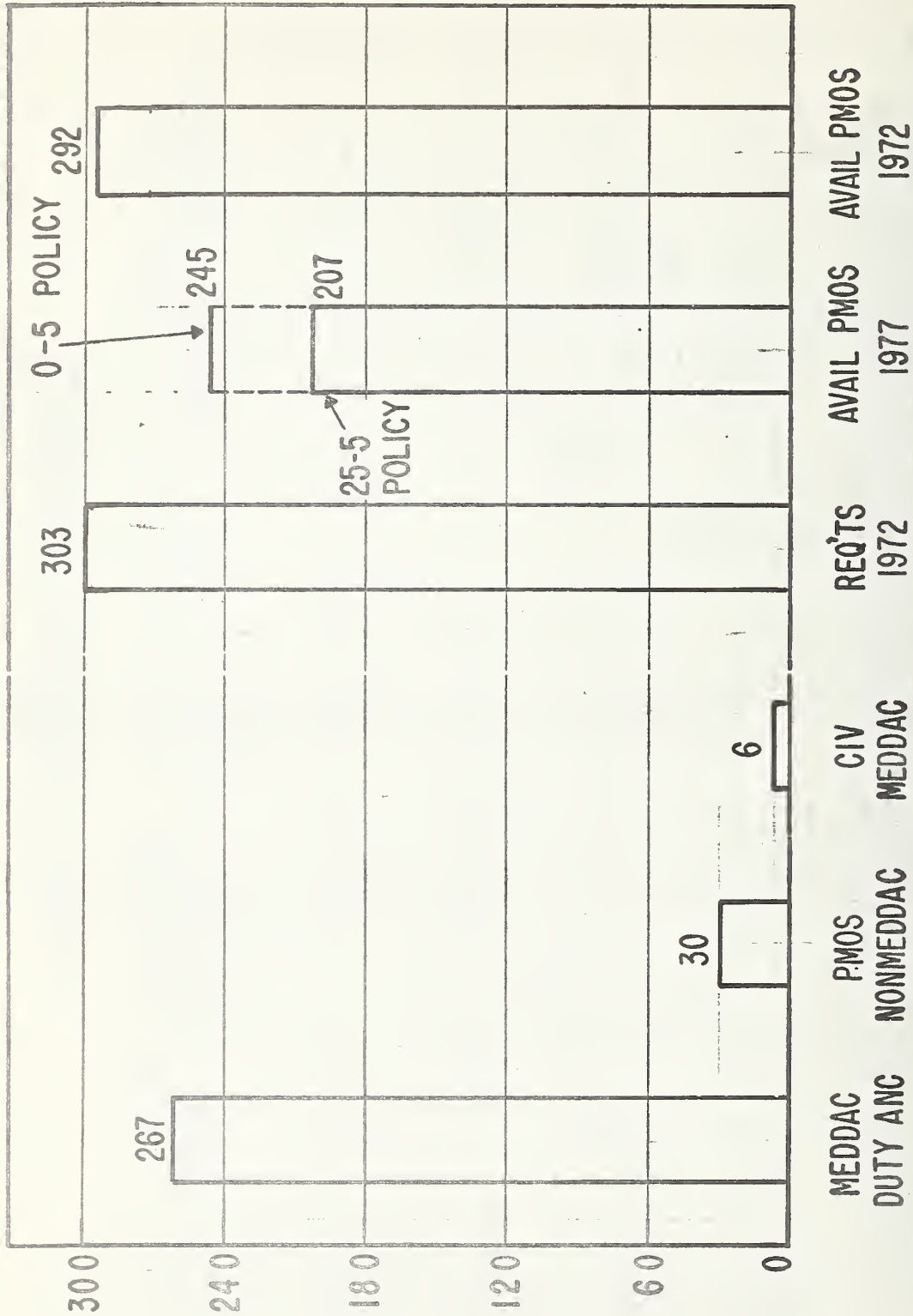


FIGURE 6 REQUIREMENTS FOR MOS 3445
(ANESTHETIST)

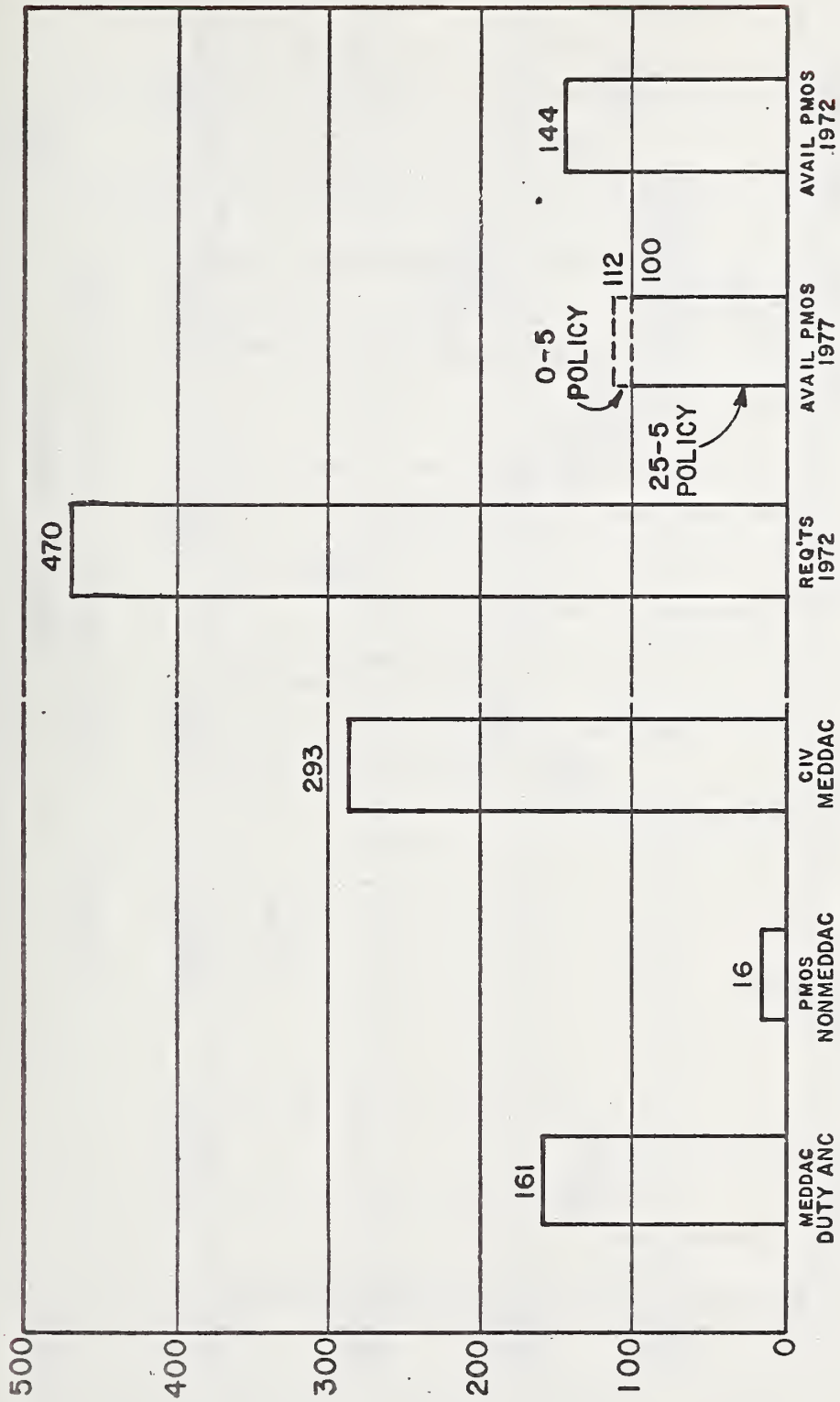


FIGURE 7 REQUIREMENTS FOR MOS 3446 (OBSTETRICS)

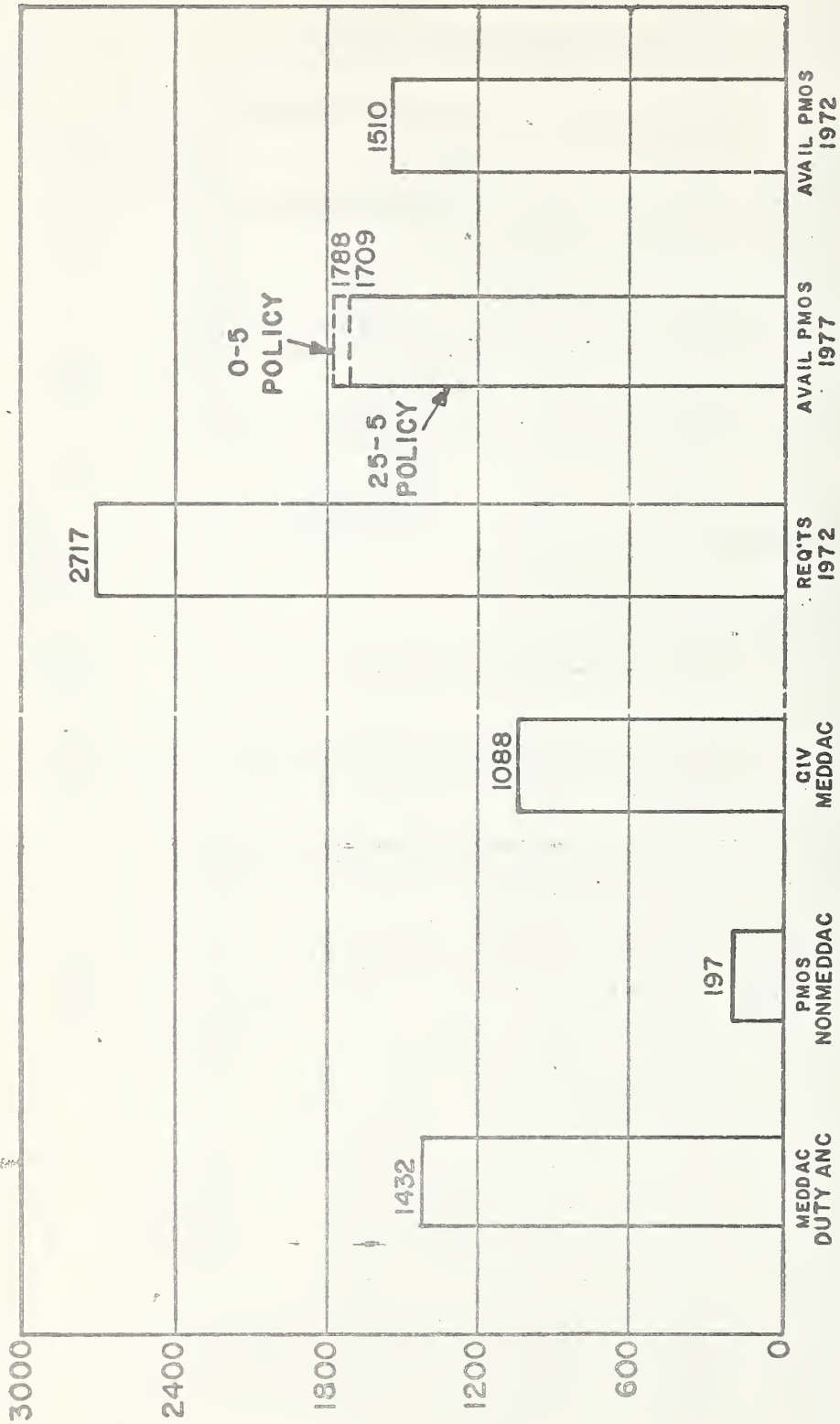


FIGURE 8 REQUIREMENTS FOR MOS 3448
(MEDICAL SURGICAL)

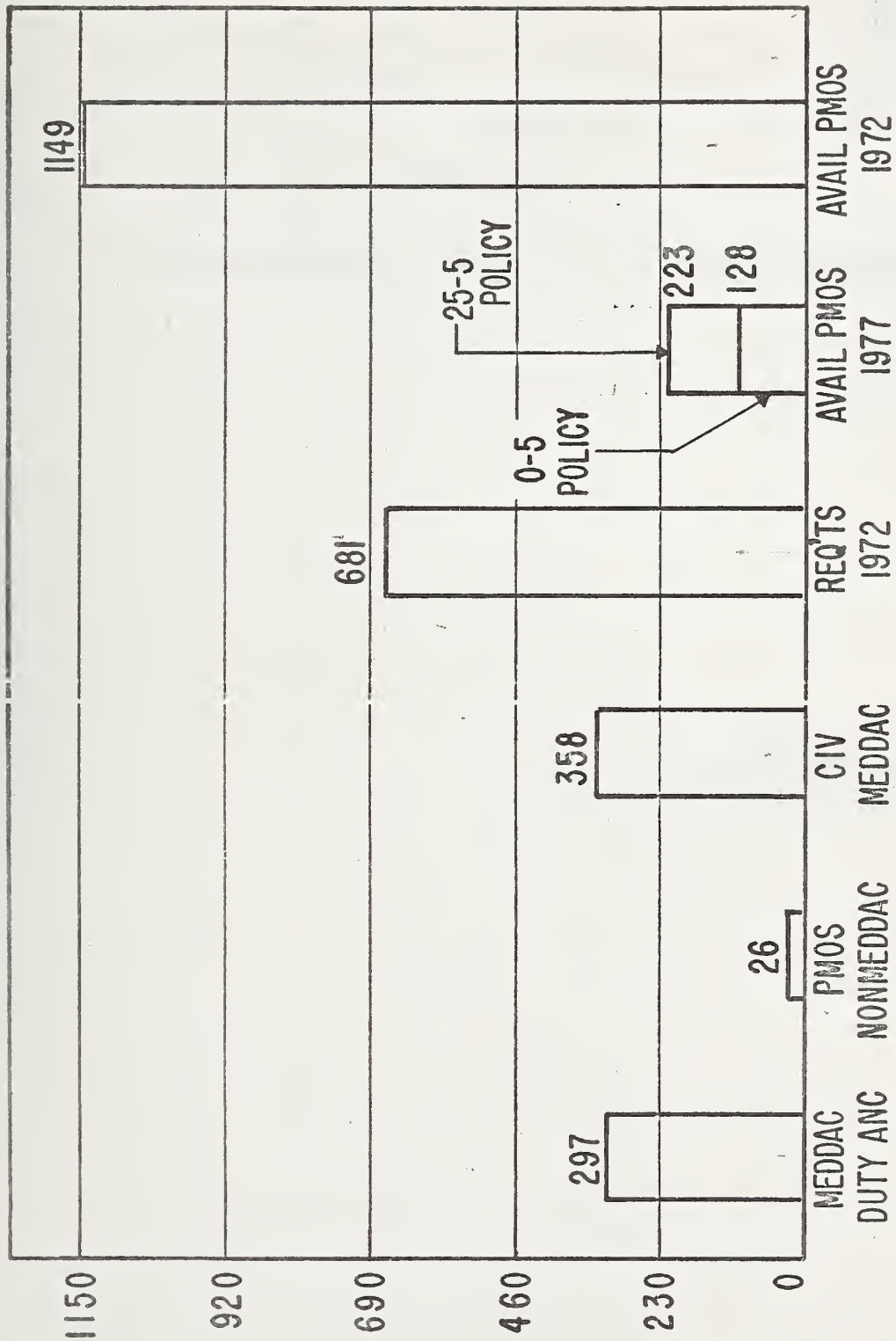


FIGURE 9 REQUIREMENTS FOR MOS 3449 (GENERAL DUTY)



ANNEX II-10

Additional Figures for Section 4.5.2, Graphical Relationships

OMNITAB

ABS- BEDS , ORD- ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0

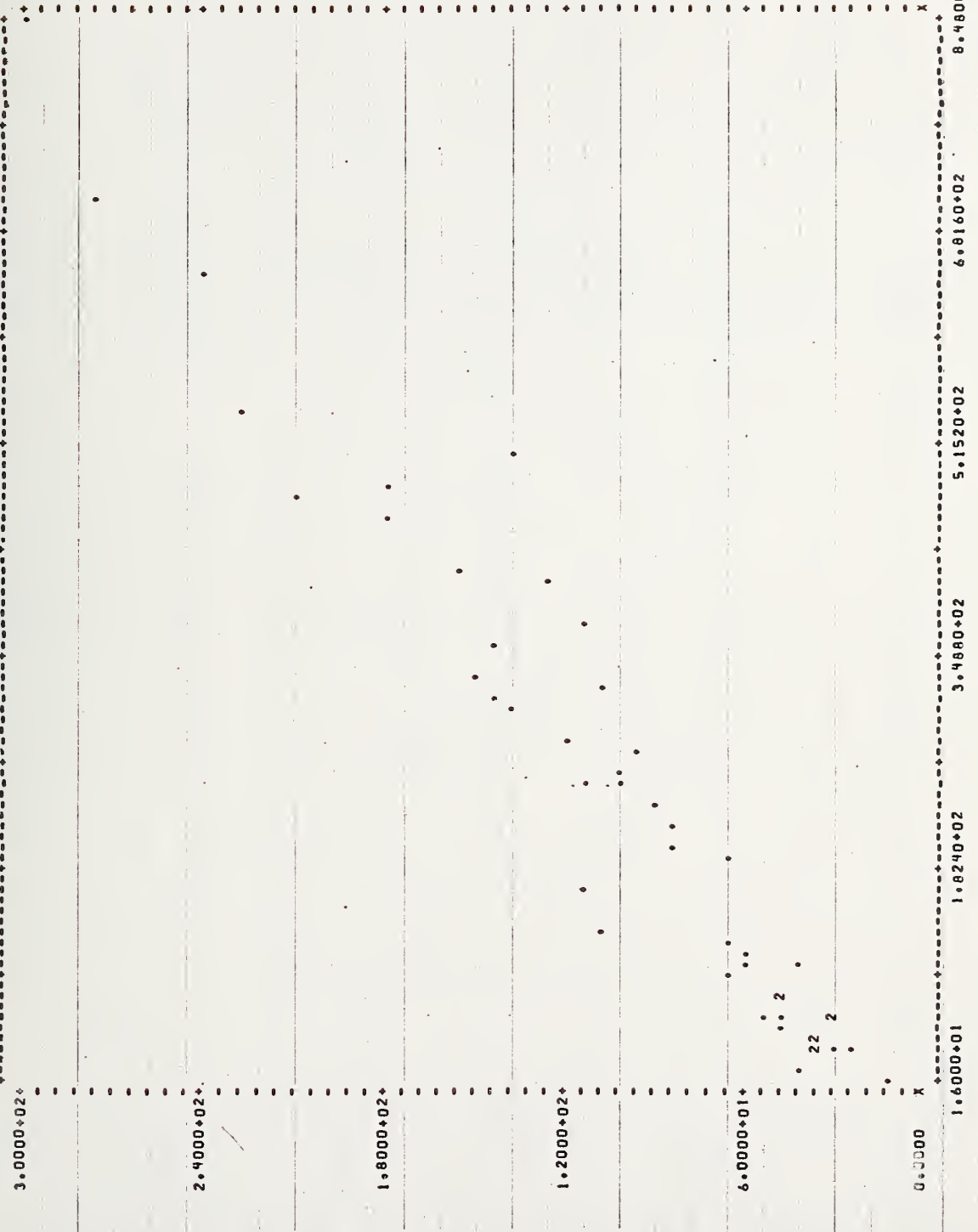


(II-10)-2

394

X

ABS- AV,BEDS OCC,ORD- ANC PLIIS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



(II-10)-3

395

Y

X

OMNITAB

ABS- ADMISSIONS ,ORD- ANC PLIIS RQ (.),
TOTAL NO. OF PTS, PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0

3.0000*02+

2.4000*02+

1.8000*02+

1.2000*02+

6.0000*01+

0.0000 X

1.3320+03

5.8040+03

1.0276+04

1.4748+04

1.9220+04

2.3692+04

(II-10)-5

397

22

2

OMNITAB

ABS- BIRTHS ,ORD- ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



(11-10)-6

398

8

ABS- VISITS ,ORD- ANC. PL'S RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0

3.0000+02+

2.4000+02+

1.8000+02+

1.2000+02+

6.0000+01+

0.0000 X

3.4728+04

2.6892+05

5.0312+05

7.3732+05

9.7152+05

1.2057+08

(II-10)-7

399

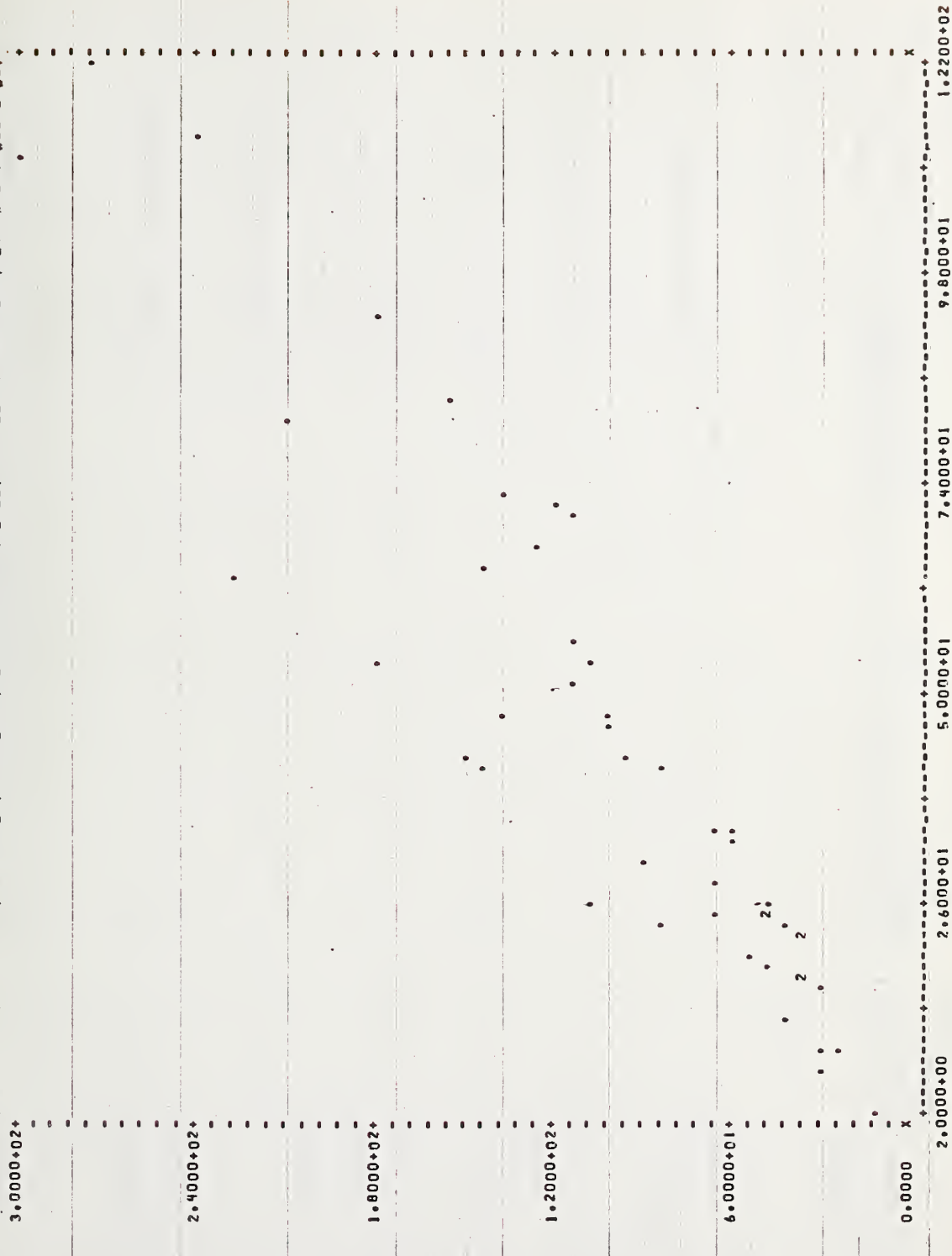
ABS- M C C U ,ORO- ANC PLI'S RM (.),
 TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



460

OMNITAB

ABS- CIV. NRS. ,ORD- ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



OMNITAB

ABS- ENL MEN NRS., ORD- ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0

3.0000+02+

2.0000+02+

1.0000+02+

1.2000+02+

6.0000+01+

0.0000 X

3.0000+01

1.2040+02

2.1080+02

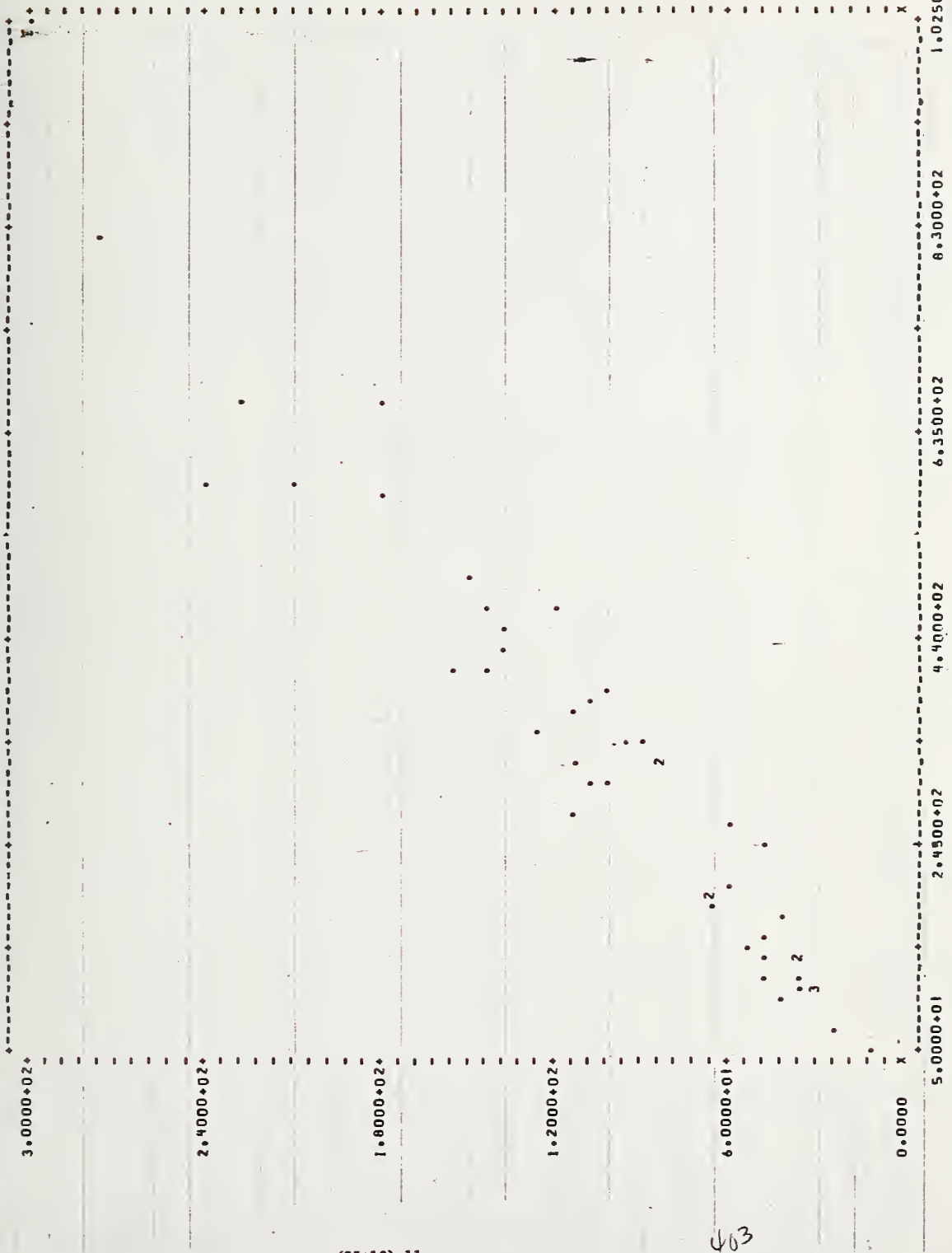
2.9820+02

3.8560+02

4.7300+02

402

ABS- TOT-NURSES ,ORD- ANC PLI'S RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



(II-10)-11

403

OMNITAB

ABS- NURSES/MCCU ,ORD- ANC PLUS RM (+),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0

3.0000+02+

2.0000+02+

1.0000+02+

1.2000+02+

6.0000+01+

0.0000 X

6.5400-02

8.3460-02

1.0152-01

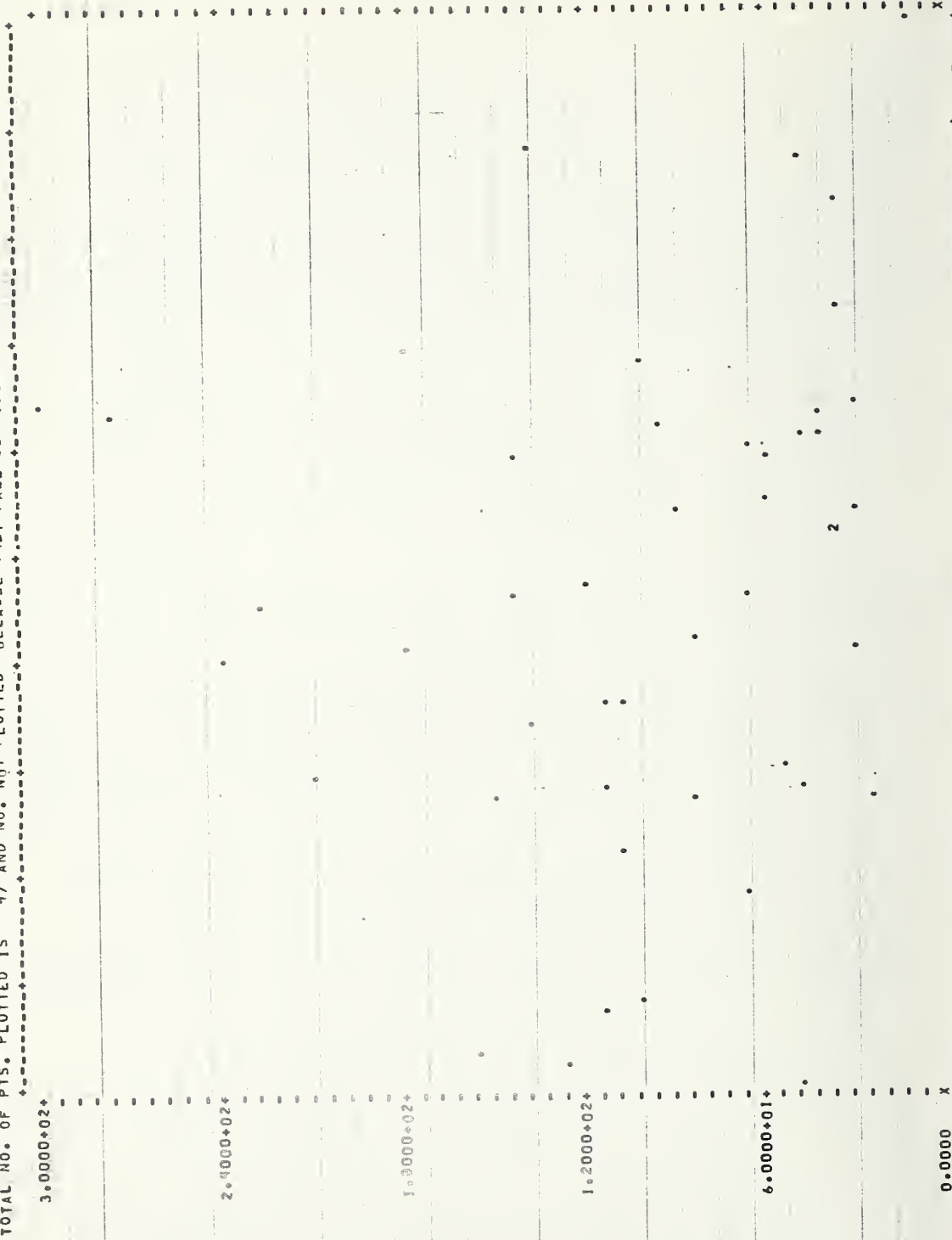
1.1958-01

1.3764-01

1.5570-01

(11-10)-12

404



ABS- OFF/ENL ,ORD- ANC PLUS RM (.).
TOTAL NO. OF PTS, PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



405

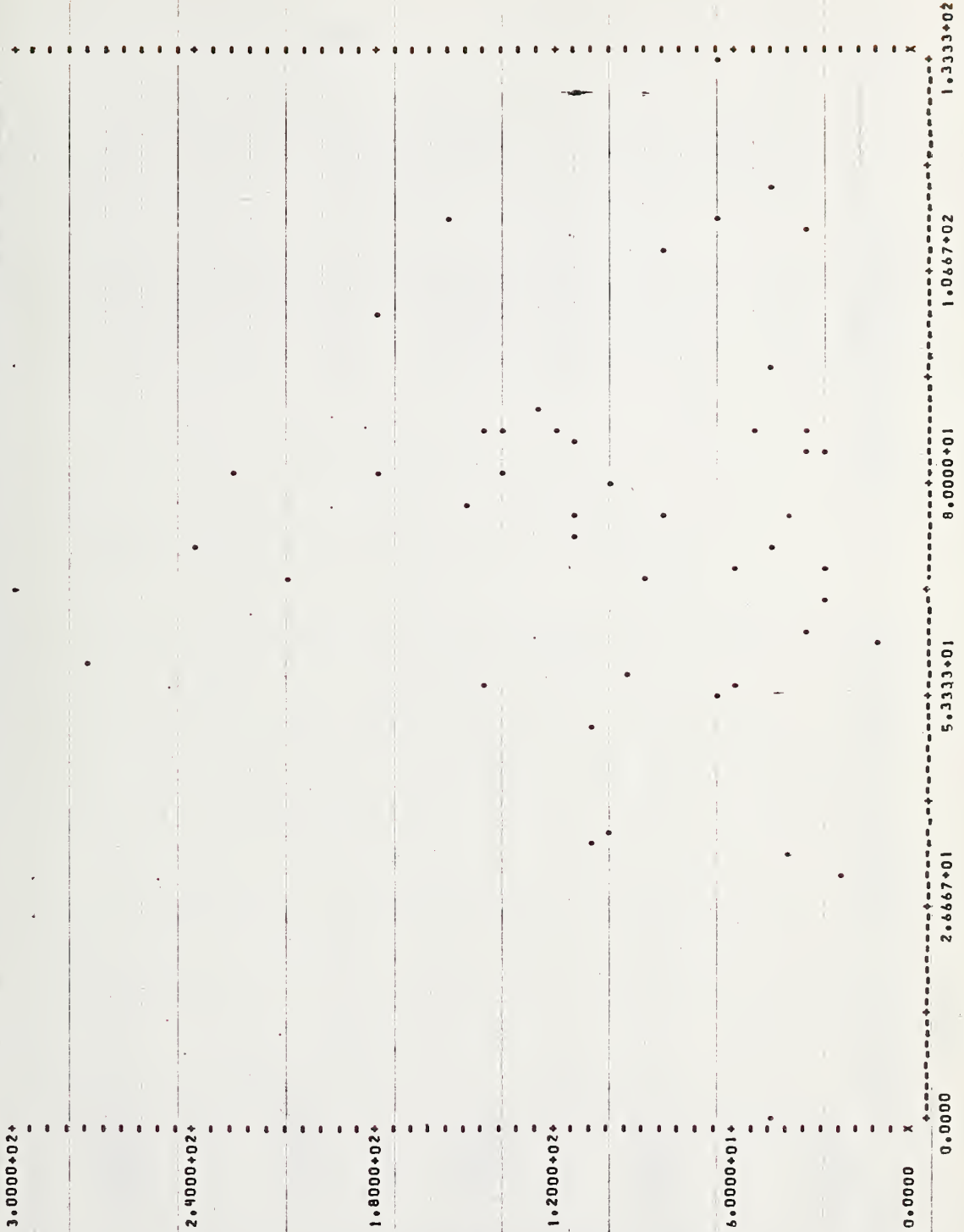
OMNITAB

ABS- PRO/NONPRO ,ORD- ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



406

ABS- MIL TURNOVER, ORD- ANC PLI'S RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



407

OMNITAB

ABS- CIV TURNOVER, ORD-ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0

3.0000+02+

2.4000+02+

1.0000+02+

1.2000+02+

6.0000+01+

0.0000

0.0000

4.0000+01

8.0000+01

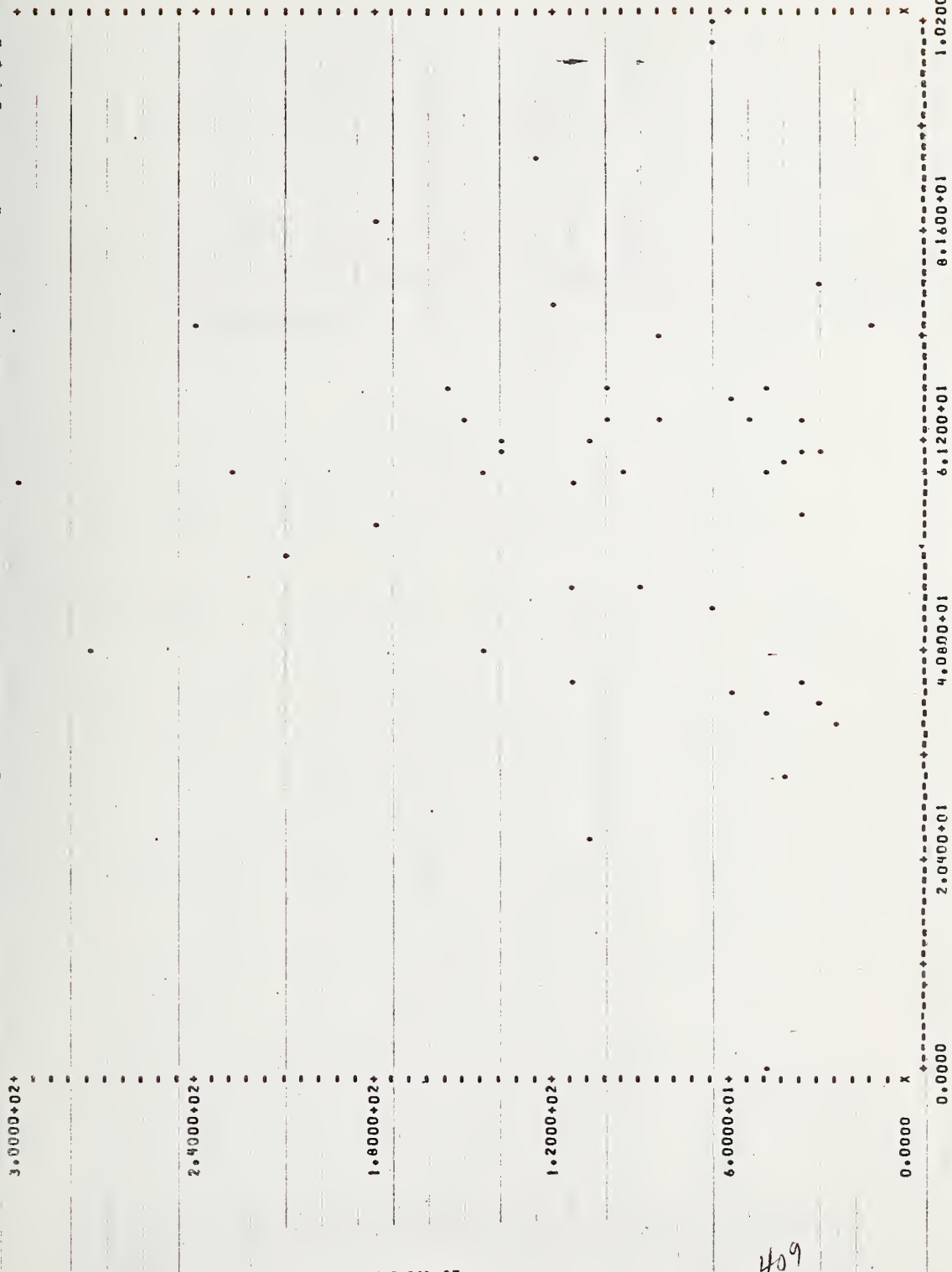
1.2000+02

1.6000+02

2.0000+02

408

85- 50TH TURNOV., ORC- ANC PLUS RN (.),
TOTAL NO. OF PTS. PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



OMNITAB

BOD
ABS- COLUMN 52 ,ORO- ANC PLUS RN (.),
TOTAL NO. OF PTS, PLOTTED IS 47 AND NO. NOT PLOTTED BECAUSE THEY FALL OUTSIDE OF BOUNDS IS 0



410

ANNEX II-11

Identification and Statistics of MEDDAC Variables,

Additions to Table 4-4 in Section 4.5.3, Geographical
Distribution

IDENTIFICATION & STATISTICS OF MEDDAC VARIABLES

DATA SET NO. 3	SET NO. 2A	2	Cat.	Variables	Total CONUS		Total Europe		Total Others		Final Total	
					T* 46**	366,753.0 7,973.0	T* 14**	79,127.0 5,651.1	T* 5**	25,694.0 5,134.4		T* 65**
13	33	24	W	Admissions FY72	T 46	37,364.0 812.3	T 14	14,648.0 1,046.3	T 5	2,119.0 423.8	T 65	54,131.0 832.8
14	34	25	W	Births FY72	T 46	17,265,799.0 375,343.5	T 14	2,729,900.0 194,992.8	T 5	520,449.0 104,089.4	T 65	20,516,148.0 315,633.0
15	35	26	W	Visits FY72	T 46	3,459,672.0 75,210.3	T 14	621,082.0 44,363.0	T 5	230,699.0 46,139.8	T 65	4,311,453.0 66,330.0
16	36	27	W	Tot. Bed Occ. Days FY72	T 46	12,522,052.0 272,218.0	T 14	2,457,299.0 175,521.5	T 5	669,059.0 133,881.0	T 65	15,648,410.0 240,743.1
11	31	22	W	MCCU FY72	T 46	173.0 3.8	T 14	38.0 2.7	T 5	15.0 3.0	T 65	226.0 3.5
12	32	23	W	Operating Rooms FY72	T 46	80.0 1.7	T 14	104.0 7.4	T 5	4.0 0.8	T 65	188.0 2.9
3	15	6	W	Delivery Rooms FY72	T 46	12,463.0 274.3	T 14	1,946.0 139.0	T 4	2,857.0 714.3	T 64	17,266.0 270.0
8	28	19	W	Avg. Daily Bed Occ. Units FY72	T 42	504.0 12.0	T 5	6.6 1.3	T 4	62.0 15.5	T 61	572.6 9.4
20	56	31	QC	No. Intensive Care Units FY72	T 43	399.3 9.3	T 13	88.4 6.8	T 5	49.7 9.9	T 61	537.4 8.9
21	57	32	QC	Avg. Stay All Patients	T 43	1,572,798.0 36,576.3	T 13	774,723.0 59,594.0	T 5	20,217.0 4,043.4	T 61	2,367,738.0 38,815.2

* TOTAL

** NUMBER OF HOSPITALS

Annex I (-11)

412

IDENTIFICATION & STATISTICS OF MEDDAC VARIABLES

DATA SET NO. 3	2A	2	Cat.	Variables	Total CONUS	Total Europe	Total Others	Final Total
22	58	33	QC	Avg. Length Stay (Gen. Surgery)	T 361.4 39	T 71.7 11	T 34.9 3	T 468.0 53
23	59	34	QC	FY72 Tot. Dispos. (Gen. Surgery)	T 116,146.0 40	T 8,968.0 11	T 30,143.0 3	T 155,257.0 54
-	38	41	W	Tot. Bed Occ. 9/72 Int. Care	T 23,811.0 43	T 6,884.0 13	T 778.0 4	T 31,473.0 60
-	39	42	W	Tot. Minimum Care 9/72	T 63,080.0 40	T 10,131.0 13	T 2,917.0 4	T 76,128.0 57
-	40	43	W	Tot. All 9/72 Other Patients	T 165,900.0 42	T 25,565.0 13	T 5,023.0 4	T 196,488.0 59
31	2	51	S	ANC	T 2,370.0 45	T 457.0 13	T 136.0 5	T 2,963.0 63
32	3	52	S	Civ. R.N.	T 2,275.0 45	T 314.0 13	T 48.0 5	T 2,637.0 63
33	4	53	S	Enlisted	T 6,053.0 45	T 1,736.0 13	T 446.0 5	T 8,235.0 63
34	5	54	S	Civ. Nurse	T 2,773.0 45	T 148.0 13	T 7.0 5	T 2,928.0 63
-	17	8	W	Avg. Bed Occ. Days 9/72	T 260,237.0 45	T 47,320.0 13	T 19,247.0 5	T 326,804.0 63
-	48	79	W	Admissions 9/72	T 43,849.0 45	T 6,154.0 13	T 1,503.0 5	T 51,506.0 63

Annex II-11(Continued)

IDENTIFICATION & STATISTICS OF MEDDAC VARIABLES

DATA SET NO. 3	2A	2	Cat.	Variables	Total CONUS	Total Europe	Total Others	Final Total
-	49	80	W	Births 9/72	T 45 10,062.0 223.6	T 13 1,183.0 91.0	T 4 171.0 43.0	T 62 11,416.0 184.1
-	50	81	W	Visits 9/72	T 45 1,323,561.0 29,412.4	T 13 251,123.0 19,317.0	T 5 36,916.0 7,383.0	T 63 1,611,600.0 25,580.9
-	51	82	W	MCCU 9/72				
1	10	1	W	Beds Staffed 9/30/72	T 42 1,905.0 307.3	T 13 1,786.0 137.0	T 6 1,330.0 222.0	T 61 16,021.0 263.0
-	11	2	W	How many can Staff?	T 41 1,744.0 286.0	T 13 1,571.0 121.0	T 6 1,291.0 215.0	T 60 14,606.0 243.4
35	72	55	OV	ANC Assgd. 6/30/72	T 42 3,172.0 51.7	T 13 278.0 21.0	T 5 244.0 48.8	T 60 2,694.0 44.9
-	73	56	OV	Civ. RN 6/30/72	T 43 3,583.0 36.9	T 13 241.0 19.0	T 4 118.0 29.5	T 60 1,942.0 32.3
-	74	57	OV	ANC on PCS FY72	T 44 3,600.0 36.4	T 12 154.0 12.0	T 5 126.0 25.2	T 62 1,880.0 30.3
-	75	58	OV	ANC Trans. FY72	T 44 759.0 17.2	T 12 158.0 12.0	T 5 157.0 31.4	T 62 1,074.0 17.3
-	76	59	OV	ANC Separated FY72	T 44 780.0 17.7	T 13 45.0 3.5	T 4 73.0 18.7	T 61 898.0 14.7
-	77	60	OV	New Civ. RN FY72	T 44 436.0 9.9	T 13 152.0 12.0	T 5 66.0 13.2	T 62 654.0 10.5

Annex II-11(Continued)

IDENTIFICATION & STATISTICS OF MEDDAC VARIABLES

DATA SET NO. 3 2A 2	Cat.	Variables	Total CONUS		Total Europe		Total Others		Final Total
			T	453.0	T	151.0	T	55.0	
78 6L	OV	Civ RN Left FY72	44	10.3	13	12.0	5	11.0	62
30 1 50	S	No. Medical Corps (MD)	46	3,104.0	12	519.0	6	323.0	4,336.0
31 2 5L	S	No. ANC	46	2,435.0	12	310.0	6	276.0	3,021.0
12 3	W	No. All Units FY72 Normal	44	1,192.5	13	133.9	5	35.0	1,361.4
13 4	W	No. All Units FY72 Peak	43	1,576.1	13	153.4	5	49.0	1,778.5
18 9	W	No. All Units FY72 Norm.--Int. Care	43	70.9	14	12.9	5	9.0	92.8
19 10	W	No. All Units FY72 Peak--Int. Care	43	72.4	14	15.4	5	13.0	100.8
24 15	W	No. Units FY72 Norm. M/Intermed. Care	42	514.9	14	78.0	5	28.0	620.9
25 16	W	No. Units FY72 Peak M/Intermed. Care	42	12.3	14	5.6	5	5.6	10.1
2 14 5	W	FY72 Avg. Daily Patient Cens.-All	45	12,422.9	14	1,577.8	5	1,666.0	15,666.7
4 20 11	W	Daily Patient Cens. Int. Care - FY72	41	292.0	13	70.0	4	134.0	496.0
				7.1		5.4		33.5	8.6

Annex II-11(Continued)

415

IDENTIFICATION & STATISTICS OF MEDDAC VARIABLES

DATA SET NO. 3	2A	2	Cat.	Variables		Total CONUS		Total Europe		Total Others		Final Total	
						T		T		T		T	
6	26	17	W	Daily Patient Care M/Intermed. Care	42	4,141.0	98.6	13	1,013.0	4	982.0	59	6,136.0
-	60	35	QC	Avg. length stay-- Appendicitis	43	3,253.0	75.6	14	815.0	3	18.0	60	4,086.0
-	61	36	QC	No. of Cases - Appendicitis	43	2,552.0	59.3	14	579.0	3	158.0	60	3,289.0
24	62	37	QC	Avg. Length of Stay - Hernia	43	305.4	7.1	14	76.7	3	21.5	60	403.6
25	63	38	QC	No. of cases dispo. FY72 - Hernia	43	6,241.0	145.1	14	928.0	3	340.0	60	7,509.0
-	64	39	QC	Avg. Length Stay - Cholelithiasis	43	406.1	9.4	14	106.2	3	24.6	60	536.9
-	65	40	QC	No. of Cases dispo. - Cholelithiasis	43	1,303.0	41.9	14	355.0	3	107.0	60	2,265.0
26	69	44	OV	No. of Ward Rations 9/27/72	42	7,687.0	183.1	15	2,133.0	4	279.0	61	10,099.0
27	70	45	OV	No. Dining Room Rations - 9/27/72	42	4,770.0	113.5	15	10,870.0	3	68.0	60	15,708.0
-	71	46	OV	Total Rations Served	45	72.0	1.6	14	21.0	5	6.0	61	99.0
28	66	47	QC	Total Patient Complaints 10 mo. '72	36	2,597.1	72.1	14	318.0	5	19.0	55	2,934.1
													53.3

(II-11) 10

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IDENTIFICATION & STATISTICS OF MEDDAC VARIABLES

DATA SET NO. 3	2A	2	Cat.	Variables	Total CONUS	Total Europe	Total Others	Final Total
-	68	49	QC	Tot. complaints re qual. care 10 mo. 72	T 1,823.5 36	T 127.0 9.1	T 0.0 0.0	T 1,950.5 39.0
52	52	93	W	Daily beds occ. Total 9/72	T 86,824.0 22,848.0 38	T 18,059.0 1,289.9 5	T 3,223.0 644.6 57	T 108,106.0 1,896.3
53	53	84	W	Avg. no. daily beds occ. 10 mo. 71-72	T 320,247.0 8,427.2 38	T 1,805.0 128.9 5	T 3,220.0 644.5 57	T 32,272.0 570.6
29	67	48	QC	No. Unusual Occurrences 9/72	T 292.8 7.3 40	T 56.0 4.0 5	T 9.0 1.8 59	T 357.8 6.1

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<p>16. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.)</p> <p>Part II contains appendices and annexes, including detailed documentation and the data collection instruments, for a study of the U.S. Army Nurse Corps (ANC) conducted by the Technical Analysis Division (TAD) of the National Bureau of Standards (NBS) and sponsored by the Office of The surgeon General (OTSG). The study focuses on nurses' attitudes, working environment, and ANC force structure. It documents the following study products: A new computer model simulates the ANC force structure under alternative policies. The study contains analyses of individual and organizational survey questionnaires distributed to approximately 3500 Army nurses and 70 Army hospitals worldwide. The project developed an extensive computerized data base and a quantitative description of the operating environment of the hospitals in terms of staff, workloads, quality of patient care and other variables. The attitudinal analysis focuses on issues associated with staying in the ANC and professional interests of Army Nurses.</p>			
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