# NAVAL POSTGRADUATE SCHOOL Monterey, California 



## THESIS

THE EFFECTS OF PERSONNEL POLICIES<br>ON THE<br>RETENTION OF SERVICE COUPLES

by

Milady Blaha Hixenbaugh<br>and<br>Paul Noel Hixenbaugh

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IE SUPDLEMENTARY MOTES

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The effects of personnel policies on the retention of service couples, servicemembers married to other members, were studied to determine what factors most cause one or both members to leave the military service and to recommend solutions to increase satisfaction and retention. A survey was mailed to 2,000 service couples; 821 responses were analyzed using the computerized Statistical Package for the Social Sciences (SPSS). The three major reasons for leaving the military service were inability to co-locate with the spouse,

separation from family, and better civilian job. An additional issue of major importance was the requirement for childcare. A number of inequities were found in the treatment of service couples as opposed to members married to civilians on the issues of $B A Q, F S A$, and dependency. It was concluded that better detailer support of service couples, the correction of some policy inequities and confusion, and improvement in childcare availability would make a dramatic impact on the retention of service couples.

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on the Retention of Serviae Couples
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## ABSTRACT

The effects of personaəl policies on the こミtention of service couples，serviceməabers marriəd to other members， were studied to determine hat factors most cause one or both members to leave the nilitary service ard to recommerd solutions to increase satisfaction ani Eetention．A survey was mailed to 2,000 servize couples； 821 responses were analyzed using the computarizei Seatistical Package foy the Social Scierces（SPSS）．The three major reasons for leaving the military service were inability spouse，separation from fanily，anま better civiliar job．An adiitionai issue of maju＝importañe was the refuirement for chilacare．A number of iaきquities wərき foundin the treatー meat of service couples as opposed t．members narェied to civilians on the issues of BAQ，ESA，and depenjency．It was concluãeđ that better detailer support of serviae couples， the correction of some policy inequitiəs and confusion，and ̇mprovement in chiidcare avail三biミity wolid make a aramaric impact or the retention oE service avples．
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## I．INTRODOCTION

A relatively new phenomenon in the military services that is becoming more and nore noticeable is the occurence of＂service couples，＂military membミrs married to othez ser－ visemembers．It is liksly that the ？ $\begin{aligned} & \text { ersonal lifestyles，}\end{aligned}$ desires and career intentions of suこi couples present new problems for personnel raazgement．Fa彐 objectiv of this study is to explore the effects of various Navy policies on the retention $\partial f$ service $20 u p l e s$ ．Ihis small but growing pooulation of active duty members married to othəモ acsive
 in assignment．pay，and ajninistrative processes．Not only arə the felevant policiミs scattered through various featal statues，and DoD and Navy manuals anヨ instructions，but they arき ○ften inłerpreted differently at ヨifferent こommands．It Es afticipated that the onsuing confusion，alony with a perceived bias a gainst service couplis，is often enough to cause dissȧisfaction with the Naval sミこvice，resulting ultímateiy in the separation of one or both memoers．

The primary concern of this research is to highiight those factors that dineここly affect ta彐 こeこention of the Navy＇s service couples．Without knowing these £actors， suggesteci polizy changes aud progran implamentaこions would be just＂shcts in the dark＂in an attenpt 20 resolve the perceivec problems．The rezognition ani analysis of the Eelevant problems is the Eizst step towards tho proper developrent of weli thought－out ana $\equiv$ Efミctive solutions． polícy may then be deveiopad and implamented which こan こəal－ Estically be expected to ixprove the zetention $2 \in$－hes coupies．

It is further expectei that the final cost to the Navy in recruiting，training，ald other replacement aosts far overshadows what it would have cost to retain thミ iissatis－ Eied member in the first olace．

Two suppositions regarding servize couples were explored in this study．
（1）Some personnel policies，suzh as the lack of a requirement／efミort to co－locate spouses in detziling＝o assignments，result in marital and／o：career conflicts for tine coupie，i．e．，either they get divorced or one or both leave the service．
（2）Ceztain pay polizies むiscrininate against or adversely affect service こכuplミs to the extent that one or both is／are unhappy enough to leave the service（causing replacement costs greater ehan the こうふt دfinducing the menber tc stay）．

## A．BRIEF DESCRIPTION OF RESEARCH YERGOD

This study is iimited to an examination of che problems ani Eactors influencing reミention วf Navy oniy．The＝esearch method inclui ミA a survey of a random sample of the target pooulation and analysis of their responses utlizing a computerized proまさam，the staこiscical Package for the Social jciences（SPSS）．The zesponden：s＇ W上iたt $\in$ comments were also examinez Eor fuこther amplíミica－ tion of さheiz questionnaize こモsponsミコ．

B．OOTLINE OF THESIS
 descriptior of the topic and purposミ of the resミarch，a brief descripこion of the vesearch method，an cutlinecethe thesis，a summary of the findirgs ana conciusions and a


Chapter II explains thき ェesearah nethodology in detail， including questicnnaire design and tミsting，sample selec－ tion， fesponse rate，ani analysis teこhniques．

Chapter III presents the results of the frefuency tables，crosstabulations，and statistical tests used in the analysis of the questionnaire responses．The written comments of the respondents are inこlıled（in．paraphrase）to explain the respondents feelings．

Chapter IV summarizes the authors＇conclusions from the analysis and preserts some recommendations for improving or correcting the problems found．

Appendix A is a copy $\partial E$ the survey cover letter and the survey itself．

Appendix $B$ is the coding scheme ased in proaessing of the survey results using the SPSS projram．

Apperdix $C$ is the encołed $\ddagger$ ata from the returnea surveys that were usəd in the stuay．Thewとさteミn comments wəre not $p r e s \in I v \in \bar{c}$.

Apperdix D is a copy $\partial \hat{\text { E }}$ the SPSS program that was uたilized to process the data and $=0$ まきaerate frequency tables ar．d crosstabularion tables．

A $p p \in n d i x$ contains all of the frequency and crosstabu－ lation tables that were generated in the course of the study．

## C．SOMMARY OF FINDINGS

The anaiysis of the quミstivnnaĩミ Eesponses＝eveals that the major＝easons why service couples zhoose to leave the service aエe：

1．Unable to get assignきd to the same locaさion as spouse．
2．Separation from family．
3．Bet＋eさ Civilian job．

4．Rȧsing a family．
5．Unable to get assigned to a $j$ ．sinable billet in the same location as spouse．
As a resulit of career＝onflicts $\equiv x p \in r i e n c e z ~ b y ~ s e r v i c e ~$ couples，e．g．，difficulty in obtainiaj co－located cereer－ enhancing assignments for both，over 70\％stateZ that one or both would leave the servize．

Pay policies were reportedly a mヨjor sourcミ of dissaさis－ faction，particula＝1Y the perceived inequity between the treatment of service couples vice aミnbers marriez to civilians．

Childcare was also found to be $\exists$ ảjor concern influ－ €nこing service couples こetきntシวn シntミntions．Nonavaiュability anj inadequacy of childcare services nake it diEĖault for servicemembers to＝ope wita military duzies．

## D．LITERATURE REVIEW

A literatuze search revealed̄ no reseaich or repor＝s dealing solely or specifiazally with＂se＝vice couples．＂ However，service couples wき上き sometineミ included as a subsミも in studies of different groups，e．J．，aual－carミeモ famミ1ミニs in the mílitary in general．The literature which does meition service couples to some degreき is reviきwミd heニミoniy insofar as it is relevant to the purouse and fiadirgs of七his study．
 Surveyed marモi三d Naval วfficers［Ref．1：pp．10－135］．She noted the increasing ireni in maエエiミjəs between servicemem－ bers，and the increasing almber of waen officers in the Navy．At the time of her study（19791 shefouri that＂Eai＝ ani €quitabl三 policies ani＝egulatiols covering＝wo－career situaṫors（had）not beミn Eormaエiy ミミさabIished；＂polices weze made up ard p＝oblems handled on z case－by－zase basis．

Suter reported that the most recertly publishei guidance concerning assignment of＂joint spouse couples＂was an article in the Fall 1978 JEficer Newsletter，which staこed that detailers do＂attenpi to assign married menbers ．．． the same geographic area，with conconitant effort di＝ected at filling billets for wich each service member is quali－ fied．＂The article adviseł servicenきnbers to inform their detajlers of their and their spouses＇cミreer dミsires by letter or preference card．It alsว sこated that＂つfficers are reninded that $u p$ on marriage to a servizemember they can request adjustment of their $P R D$ to coincide with or more closely approximate the spouses＇pro．Such Iequests should be made to their detailers．＂Suter こites Navy policy providing for no cost transfers＂at other than aכrmal projected rotation dates＂Eor つ£fiニeこs who desife 20 be co－located with their servicemember spouses（BUPERSMAN Article 1820340）．She also mentions z こecently established Navy policy proh ibiting concurrent assignment of＂joシnさ－ spouse couples without iependerts＂to sea duty without theif consent $\dot{d} u \in$ to the＂extrasrdinary Einancial hardships＂such couples would face when their BAQ was forfeitei（CNO msg 24 February 1979 ；Navy Times， 16 April 1979）．

In her analy sis，Suter found that transfers were the most often 工eported problea of both nilitaニy meabers and Civiiian spouses．She reports that，＂in the casミ of joint military cazeers，onefemaie offミcミr indicated that decailers シnsisted or plazing priority or her spouse＇s career regardiess of the couple＇s i三こision that he would not Ieqain in the Navy but that she wouli coreinue to pursue her Navai career．＂Suter founi that whilz $74.5 \%(n=41)$ of her respondents thought detailers shouli zonsider spouses＇ careers，only $36.4 \overline{\mathrm{~h}} \quad(\mathrm{n}=20$ indicated that chey h三d ミver mentioned it co thė工 dミtaileェ．She Eミlt this discrepancy colld be at＝こibuted to＝he zecency of stated＂poiicy＂on the
subject．Accoriing to Suter＇s survey，childcare was the second most often reporteł problem for military members，and third most often mertion ミi by zivilian spouses．＂rime together and time for chilirer＂was the second biggest concern for civilan spouses．＂Conflizts over careers and money＂were also frequently mention $\ddagger$ problems of two－career famiノiєs．

Suter reported that several of her respondeats indicated that divorce or resigration furm the Navy were＂eminent＂as a result of the incompatability of thəir two－carミer iifes－ tyle with military family life．She zoncluded that two－career families had lミss desire for a full vavy career than did sirgle income or one－こareer／onミ－job families，and that Navy policies wouli have to take the special problems of the former group into aכnsỉeratiou in order to improve IEtヒntion．

2．The Navy has recognized＂that personnel satisfaction with military life is correlatミd with family satisfaction and family functioning＂［Rョf．2：pp．4－38］．Th三 Navy Family Support frogram was developed to respond to the needs and concerrs of military families．In oriəさ ちo facili̇ate proper planning of programs ani Eamily səェvices，a demographic study of Navy Personnel anł faṁiies was corducted．This study utirized a one percミat zardon jample of energercy De＝a Forms，to detemine the zonposition of Navy families．In＝his

 are married．Of these，2．5\％（n＝13．227）weremarsied to cther military members，meinly other Navy nembers（90か）．The stuay also fourd that married Navy women wシミミmore likəly to be marェied to another servicミnembミ上（47\％）こhan weremen（2\％）A majority（79天）of dual－miiitary Eamilies had no chilaこer．


can be causally linked to narital instability and subsequent job problems．＂It concludea that the Navy＇s ability to atifact and＝etain qualifiきd personaミl would be influenced by the Navy＇s response to こurrent trenas in fanilies and their iifestyles．The Orthater report stated that＂conflicts between the family systam and the military systシa are irevi－ table uniess the needs $\partial f(N a v y$ persols and their families are met．．＂They pointed out that morミ research in this area was needed and that infonnation was iot centralized nor easily accessible for analysis．The study group recommended that policies and programs affectinj Navy families be ミvalu－ $a t e d$ for effectiveness in zhanges in morale，re＝ention and personnei performance．

3．In Duai Career Families Withín the Coast Guard
 married officers［Ref．3：pp．11－73］．He citeł problems enzountered by＂joint spouses，＂inclủing joint assignmerts， childcare and family separations．He noted that＂offical， w上iこter policy of the Coast Gua＝d conzerning dual careers （aidressed）the assignment procedure of women and mar＝ied （joint）spouses＂（CG－207）（1967：4－A－3 and 4－A－3A）． Specifically，こoast Guard polizy states that＂if authorized billets are available，$\doteq v \equiv \check{y}$ €ffort wiil be made to assign
 permit chem＝o maintȧn a joint こesミieace．＂Additioraliy，a husband and uife wouid only be assigaきd to see iuty simultaー neously at their Eequest，and zequizミnents for no－cost tこansfers ir order to co－locate ヨrき specified．

In this study， $36 \%$ วf aual carミer couples ミxperienced serious careez conミュミct；the r三asons given，in decreasing oṙer of frequency，werミ ᄃransfミrs／rミlocating，overload and childcaェe．

In his analysis，Henderson．found that dual aョreer fami－ lies were least satisfi̇a ith childこare options available （22\％were dissatisfied）．

Henderson $\exists$ lso foun taat $90 \%$ of jual career respondents felt their lifestyles should be consiiered by their detailers in making assignments，but only $54 \% \mathrm{~h} \neq \mathrm{d}$ 气ver mentionec their spouse＇s こヨreer to their detailers．

Henderson concluded thit，in genきェil，Coast Guard ofíi－ cers are satisfied with their service $\begin{gathered}\text { did } \\ \text { are } \\ \text { very career }\end{gathered}$ oriented，but dual career famミ1ミes wəre a little less satis－ fied and experienced more aonflict in their marriages than those with other lifestyles．Jverall，＂the Coast guard （appeared）to be doing a good job of persornel nanagemer：＂ ［Rきf．3：p．73］．


 women are married to other servicererbers，as are $4.5 \%$ of married Air Porcemen［Ref．4：pp．1－70］．She ミxplored $=\mathrm{he}$ possibilty thar sezvice couples were aoIe satisfied wirh Aif Force life than couples with a civilian spouse $\ddagger u \in$ to policy changes recognizing the special problems of service couples but ro speciai a ttention given to menbミrs with こivilian spouses．Houk utilized ヨati obtainez fram the 1980 USAF Quaュミty of Life Survey III to ミnalyzき 1418 dual－aareer famí－ li三s．She noted that the Air FoIce hiz recently（1980） established poi̇cy for こoっこurこent こうヨssignment of joint
 cises，shiきt work and dミploymerts £or mi ユitazy couples with newly acquired dependents，and IEquirミments for joint spouses to have an emeryミıニy cazミ plin for theif dependents in case cf moblization つ三 both paエtnミこs at the same time． Houk＇s aralysis producei the following findings：hili̇こary codples selected Family soparation as thei＝main＝eason for
not making the Air Force z career；nembers with civilian spouses chose pay and allowances as the main influence and separations as their sezoni reason．Each group was most dissatisfied with the area in which they felt their miritary lifestyles compared unfavo ably with a civilian lifestyle． Houk recognized special probleas Experienced by service couples，e．g．，separations due to separate remote assign－ $m \in n=s$ when they had depenaənts，or inavailability of career－єnhancing assignneats in thき ミヨme loca＋ion．Houk noted that the problems ani dissatisfaction experienced by dual－caréf families lead to divoree or separation from the service．She concluded that as the Air Force has more control over assignment policies thal pay，and has recogni－ ziきd the importance of job and family satisfaction to retention，additional attention shoula be directed at dual－ career families，particuizrly those with civilian spouses．

## II．METHODOLDGI

## A．RESEARCH QUESTIONS

The effects of personnel policiシs，pay polizies and other factors on the rerention of service coupleミ was deter－ mined by administering a survey to a random sample of the target population．Their responses wəre analyzed with the Statistical package for the Social Sこiきnces（SPSS）．The development of the survey，the samplミ and the anヨlysis a＝e describec in this こhapter．

Just what current poliaies creztき negative influences on the retertion วf service こวuples $\begin{gathered}\text { ai what changes need } \\ \text { wh } \\ \text { be }\end{gathered}$ made to counteract these əifects aze the central themes of this stuc̃y．This section 1 il discuss several potertially relevart factors which serve as the basis of our questich－ naire design．

## 1．Personnel poliさies

Pexhaps the single most impoこtant persoanel policy throughout the Navy，rejariless of narital siatus，is＝he assignmert／detailing process．It is likely that the seさvíaき couple faces thiswizh gエミat apprミhシュsion，as two members must attemp to get stationed in the samelocation in mean－ ingful ḃllets，meet the 2əcessary こareer gates，maintain a householi ard take care of thei＝minor dependeris if they have any．These couples nust Either decide：that one of thei土 careers has priority and will be pursued while the otheI b carefrs at the cost of geograph ̇́c s三paニat三ons as needed，or that they will insist on zo－location 00 the possible detこミー meat of one or bcti careers．OI perhaps they will jus do
the best they can on a case－by－case basis until they can get out．This process is espezially difficult wher the desigra－ tors and subspecialties are different for offiners and the ratings and NEC＇s are different for ミnlisted．It means that the detailers must be willing to work zcross conmunity lines ani at times overcome the parochial bias that ミxists between these communities．

Different people in the Navy have differミnt opinions as to the amount of cooperation that their detailers provide．To what degree do dezzilers support a zouple who both want to pursue Naval a areers an yet remain co－locatad？ Does the detailer of each spouse give much effore to loこating a meaningful billet for that persor；do es he just pisk the first available billet without regara to that indi－ vỉual＇s career qualifications，skills，and past performarce；or does he insist that the person be separated from his／hez spouse for the＂reeds of the Navy？＂The efforts and attitudes of the Navy＇s jetailers have a great effect or all ailitary members，but ヨecisions when aealing with service couples affert the very axiseence วf their family life as weli as their careers．

Theエe ミ工ecertain basic coasijerations that Navy Personne：Policies should take into aこcount：（1）married coupies want to stay together and（2）they frequencly have young chíldzen to care Eo：．Do Navy policies curcentiy make provisior．s for a service こouplミ to hヨve oppositミ sea／shoこ＝ rotations whin they have ninor depenaミュts？Thショ could in effect drive at least one person Eron the servize in oこde＝ to maintain the household and tike cice of theminof childこer．

## 2．Eay policies

Twice a month，ョaこュ Navy menber receives a govern－
 grade，length of service，lepencents，sea／shore juty status， eta．Most members are acutəly aware of their entitlements ani are continually comparing theirs with others．Jne issue facing the service couple is the matter of Basi＝Allowance for Quarters（ $B A Q$ ）．The issue is complex because service couples are treated much iifferently than serviee membezs married to civilians．In the first olace，a spouss or chilz is not corsidered a＂depesłent＂for pay purposes if he or she is a member of the military serviこe［Ref．5：p．3－18．1］． A service couple without dependents，both assigned to sea duty，does not receive bat because the Navy provides them with quarters onboard their ships．lat，this couple is just as likely as any other couple to want to maintain a house－ hold ashore．When they sミョ their Esllow shipmates married to civilians receiving BA2 at the with－depenċerts rate，do they feez slighted and begin 00 feseat the Navy for making thei二 mar゙iage even more iiffinult？

Another unclear issue is the $\exists$ ispendent starus of chilaren from prior marriages azd current márizges．In some cases service couples with childrəa from pricr nari̇ages as well as the draw BAQ at the with－depeaients rate；シn certain cizcums－ tances they may not．The Department of Defense Personnel Manuai（DODFil）sets forth ョligibilty requizemenis in detail． Yet they are still confusing，unclỉr and apparミntiy ミncon－ sistent．If often seems thzt the prizaiples of faミュness and justifiable entitlement，$\exists \mathrm{s}$ w cll as the＝ules，change f＝om

 parents and some are chilȧen，bur not if the d三perdents eこe

children from a frevious marriage and the current one．In the latter case，they are $2 n t i t l e d ~ t o ~ o n \in ~ B A Q ~ w i t h ~ d e p e n-~$ dents ard one single BAQ，even if the aopendents from the previous marriage $\exists r \in \operatorname{living}$ in another household and receiving child support［Rきf．j：pp．3－15－3－54］．

## 3．Retention Issues

As the pcol of elijiblミ reこruits dwindles and replacement costs continue to grow，retention of current service members becomes a nore serijus consideration in policy making．If the mijor factors azusing one or both menbers of a service couple to leave the service can be identifícd and remedied，the Navy may be able to＝etain a substantial number of its trained，experienced and qualified menbers．A married couple co－locateł in desirable billets is likely to havemore job satisfaこtion，and be more produc－ tive，better able to reconこile their family life with the denands of military life，and more inこlined to remain in the service untir retirement．

Eeduced cost is another beneEit to the governaert． Wher theze are two billeモs in Jneloこation to befilied，it costs less to move one service coupl Eamily than the sepa－ rate famiiies of two military members maエェíd＝o civiiians． This study will explore the oussible factors that influerce service couples to ləヨve ta service．

The availability of childcare is a recミssity for any
working couple，But for the service こouple this is ョn єxとこemely ̇mportant ̇ssuミ iue to their military obligations． Service members work rotating shifis，s＝and watches，are sent TAD，deploy and aresubjezt to 24 hour reazll as a rormal function of military i̇fe．Th三military coupiemust have エfi̇able，high quali̇y，̇afxpenミive chila care
facilities available around the clock，every day of the week，in order to accommoazte their required working sche－ dules．Having to hire a private babysitter may be beyond the couples＇financial means and diffiault to arrange to fit military duty requirements，especially or short notice．

## B．DATA COLLECTION

In order to analyze the effects of personnel policies and other factors on serviae couples＇retertion intentions， careers，lifestyles，etz．，a data basミ＝evealing ineir opin－ ions，perceptions，intentions，demog＝aphic data，etc．was needed．Such a data base，pertaining specificaily to service couples，apparently did not exist and had to be created for the purposes of this thesis．

The 1978 Department of DeEense Survey of Eniiszed Personnel，Forms 1 and 2，and of officers，Forms 3 ard 4 ， were first evaluated to jetermine íf fiey were applicable to the objective of this study．This Rand Corpozarion project was determined to be to ヨated arł jił not contain informa－ tion in all aこeas of concョrn．It was therefore こミjected as a data source Eor this study．

The next data basミ considereミ was developed during a
Naval postgraduate School thesis project or The Iwoこcaseer Fanily ín 亡he Navy＂by LT Della J．Suterin 1979．Once aqain，the information was datミd and むid not cover ミ11 aspects of interest to the current stủy．It was ミiso rejected．
Afien inguiries to the DeEenミミ Manpower Data Center
（DMDC）Ir Monterey，Navai ？ersonnel Rヨsea工ch an̉ Development Center（NPRDC）シn San Di三jว，and こhき ここnteさ for Navaュ Aralyses（CNA）ir Alexandria，Jiニginiz，En searah of a
current ard usable data base were unfruitful，it was appa－ rent that a questionnaire－type survey would have to be conducted to gather the reyuired iaformation．

## 2．Sample Selection

The next problen was to loこate a source of names of personnei in the target population ro receive the survey． DMDC，NPRDC，AND CNA dia not have this sort of jata either， and requested that they be advised of such a source should ore be discovered．After aミaこly thre months of searching，$\exists$ final effort phone call was made to the Navy fiaance Center （NFC）in Cleveland to determine if thきy could areate a daさa file with the required ranks，names，and addresses． Foriunately，the center replied that they coula produce a tape containing such infornation fron records that they currently maintained．The tape produzed contaiaja informa－ tion on 14,722 service nerbers who，zここうrdirg to NFC files， were married to cher service members．Enlisted nembers made up the bulk with 12.937 Iistings while officers completed the total witin 1,785 members．Subsequentiy，The Family Support Program（NMPC－5ち）วf£ered to sponsor a thesis in this area．The staff members at NMPこ－56 were，hวwever， unsure of the reliability つf the ảta available f＝cm NFC． Therefore，a check on the accuancy $2 \equiv t h \in f i l e ~ E r o m ~$ Clivelard was added as th三finst question of the survey．

## 

The basic rules for using the questionnまェe method
were that it be short，きasily understood by all ミaucaこ̇onal Ievels，easy to iilil out，and thar it would leni Etself＝o coaing to take advantagミ Je compurer analysis．By combiniag the formats used by the 1978 Dod Survey and that of Suter，a useful survey format for the purpose of this thesis was achieved．A copy of thミ survey and its cover leこter a＝e contaired $̇ n$ Appendix A．

Question number one was designed to ensure that only the desired sample completed the questionnaire and served to validate the accuracy of Nec＇s recoris．The five options provided cover all conceivable circunstances of marital status ard spousemilitary starus．2uestions two through 16 were intended to provide a description of the cha＝acteris－ tics of the respondents and a deternination as to whether or not the respondents were rapresentミtivミ of the targミt popu－ lation．They would also be usei in tae analysis ofthe questions of interest．

Questions 17 throujh 21 were desigred to investigate the perceived degree of detailer support of the service couple＇s career decisions and their subsequent saこisfaction with the assignment process．

Questions 22 and 23 weze adiミd to deternine specifi－ cally what personnel polizies rreatミミ problems for service couples and what changes they would＝ecommend．こomments were soifcited rather thar providiny E to influencethe responses of the service members．

Questions 24 and $2 j$ were inclułed to determine the extent of conギミct betwee？th三caこミers of the military part－ ners and the probable zesult of such a conflict．

Question 26 was aijsd to detミrmine the length of dermarent separation thata service zouple wcula accept． Question 27 was included to see where the service couples put cheir pijorities when they were Eacing a permanert Charge of Station（PCS）ごansfミ工。

Questions 28 and 29 were included － 0 determine which，if any，pay poliニ̇三s were perこeived to discriminate agȧnst service couples ani what changes shouid be made． These questions are also ？ 1 rposely vigue so as rot to influ－ ence the Iesponses．

In response to $\mathfrak{E}$ Equest fron DMDC $=0$ explore the problems with childcare，question 30 was includej．The five response categories proviłed were intended to sover the geafal situations encountered by menbers with childcare requiremerts．As with several כthミr juestions，space for conments was added to provide for sp三cific details if the respondent desired．

Specific reasons for leaving the service are covered in question 31 for the respondert ani in question 32 for the spouse．This design actually allowel information to be solicitec from twice as many memberj ヨs the sample size． Having the members rank the top thre reasons that would influence them to leave the service before retirement was inter．ded to reveal the major factors leading to sepa＝ation from military service．Howəver in analysis their unranked responses proved confusing and useləss．Themazked responses were therefore combined，regari iミsj $2 £$ rarking，to facỉミー tate a more meaningfui analysis．

## 4．Questionnȧㅍe rosting

The initiai＝ough iraft of the questionaaize was tested or ten service couples，both officer and 三nlisгed， assigned to the Naval Postgraduate Sこhocl．Thきy wミre instructed to evalute the format and wo工ding of the ques－亡̇̈rs as weli as the areas of concern covered．Bised on thėI comments and Ieconmerdations，こhき format and conこert were aitered to arrive at thefinal form of thequestion－ neire（see Appendix A）．

5．Sagnie Size Detきさninaさion
The sample was dこヨwn on a random basis uこiエiżng th
 （SSN）．The tape from th三 Navy FinancミCenter was organized by SSN，which led to this iecision．

The size（ $n$ ）of the random sanple to receive ques－ tionnaizes was calculated based on the expected rate of return and the sample size（nunber of respondents）that would provide a $95 \%$ confidence level．Ihat is，a proporさion in the population would liz within $\exists$ given interval around the variable sample proportion astiazte $95 \%$ of the time． According to irformed sourzes in the Naval Postgraduate Schcol Operations Research Departnent，on the average，mail sucveys were currently obtaining about a 25 zesporse rate． Therefore the number of rミauired conoleted survミys desired must be multiplied by a factor of four to arrive at the number which must be mailej out．

In the＂worst casa＂，variañe ミbout a proportion is greatest when the proportion is 0．5．Jtilization cf the worst case in selecting a $=0$ fíideñe interval is corsidered a＂reasorable and conservミtive ruleーวモーthumb approach＂ ［Ref．6：p．285］．Where probability oE oczurrenze of the trait in question，
$\begin{aligned} \hat{p}= & \text { proportion in the sampl whech is ar estimate } \\ & \text { of } \mathrm{P},\end{aligned}$ of $P$ ，
p＝＂worst cass＂probability of ？，
$1-p=$ the probabiiity of th三tこミit not oここurrirg in the worst こasョ，
$n=$ sample size，and
$\sqrt{\frac{p(1-p)}{n}}=$ sample estimate oí Sさanミaェd deviation of p，
the caiculation of the nunbez of conol三たed surveys requinea To obtain a 95\％confidence interval is as follows．
 was seifcted，き．G．，． $45 \leq \hat{?} \leq .55$ ．Ihミrefore，as the İmits seiected 三or this proporzion P a＝E $\mathrm{P} \pm .05$ andas the $95 \%$ conficerce interval Eor this proportion in a large sample（n ＞30）has the limits

$$
\hat{p} \pm 1.96 \sqrt{\frac{p(1-p)}{n}}
$$

1.96 being the＂z value＂or number of standard jeviation units required above anj bəlow the məヨn to give a confidence interval of 95\％［Ref．7：pp．200－223］． then

$$
\begin{aligned}
& .05=1.96 \sqrt{\frac{p(1-p)}{n}} \\
& .05=1.96 \sqrt{\frac{.5(.5)}{n}}
\end{aligned}
$$

Solving for $n$ ．

$$
\begin{aligned}
& .05=1.96 \sqrt{\frac{.5}{n}} \\
& .05=\frac{.98}{\sqrt{n}}
\end{aligned}
$$

$$
\sqrt{n}=\frac{.98}{.05}
$$

$$
\sqrt{n}=19.6
$$

$$
n=384.16
$$

This $n$ was rounded $\pm 0400$ Eor simpliaiたy．
The number of surveys caiculated was multipied by fou＝to produce the number of survミys that must be mailed out，or 1600．To this， $40 J$ additional suzveys dəre acded for a totai of 2,000 to allow Eor surveys こeさurned as undeliver－ abie，incomplete surveys，and othミrs that couia not be used for scme other＝eason．

The 2,000 surveys were divỉza between che officer añ enlisted populations．As the numbez of office＝s in the さaこget pcpularior．was relztively smミ11，the ofeizer popula－ tion was over sampied in วにder to obtzin enough responses to


1,250 eriisted $m \in m b e r s$ were sent questionnaires in the hope of receiving at least 400 こomplete ald useable चeturns．This meant sampling about $9.6 \%$ of the enlisted portion of the population，and about $42 \%$ of the officer segment of the population．

The rames，Ianks，and addresses of those selected for survey were then processed using the Statistical Analysis System（SAS）projram $=0$ projuce the mailing labels for the survey envelopes．

## 6．Response Rate of SuIVEY

As noted on the survey cover letter， 7 0こtober 1982 was established as the ȧałline for returning surveys in order to ensure adequate time for enzoding，prozessing and analyzing the a ata．In actuality，all survey responses，
 October were used in the analysis．Many Iespondents stated that they had not receivei their survey until aiter the due date but wanted to participate．All returned surveys are being forwaraed to the Joint Servĩa Committee on Conpensation Issues relating to servicecouples，aこ its request．Table I preserts the survey statミstics．

## 7．Statistical Meさhois Used in hㅡㄹ Analysis <br> The data conさainミi in the こวnpletミd questionnȧニes

were coded into computer əntry forna＝using the coding
 the coded responses for all 821 survミys used in the analysis is in Appendix C．Nzitten＝omments of the Iesponaenzs and their spouses will be brought out in th\＃analysia sec＝ion as appropri̇ate。


FABLE I

## Survey Response Rate

Surveys mailed out
2，000

LESS：deserters and deceased undei iverabia
unsable
never mariea
possible 工esponses
possible responses
responses received through $10 / 22$ response rate in anaiy sis
responses received after 10／22
total number of responses
overall response raもz
$2+5$
1.755
821

172
6名

The computer file of āta was analyzed utilizing SPSS．Originally，selєこさミł fこequeaこies and numerous cros－ stabulation tables were programmed to bこeak out informetion expected to be interesting．This was later modified to include frequencies to all questions．FIequency distribu－
 characteristics of the respondents and whether these con＝エi－ buted to any difference in responses วn various questions．

Crosstabulation is a joint Erequency distribution oE cases according to two oz nore classification ve＝iables． This is the most commonly used analytiz method in the sccial sciences．A crosstabulaṫวu can bき ヨaヨlyzed statistically by

 During the anaiysis process，crosstabulations were deleted which proved to haveno statisticai siznificance as determined by chi－square iests．حhi－square is a comparison of expected cell frequencies，when nว relationship exists， to actual values found．Small vaュuミs of chシーsquaこe are亡nterpreted co mean no こelztionshえp ミẋṡs betweer こhe vaこミー

determine if observed relationships between responses were statistically significant．That is，they occurred more often
 cance or probability（p）level for the calculated chi－square indicates independence becween the variables．Thus，the larger the chi－square significance probability，the iess statistically significañ วr dəpenjent the relationship． Corfelation between variables with siznificance（p）levels higher that ． 05 were not 2 nsidミrez in this stuiy．The focus was on ṡgnificance levミls around． 01 ว＝smaller in orjer to narrow the amount of data a nalyzed；this level of signifi－ cance was considered suffiaient because of the large sample size［Ref．8：p．223－224］．

However，the chi－siuare test alone does not reveal how strongly the variabləs are related；other seatistics are recessary to adjust for sanple size and table size ard measure the degree of assวこ亡ation．Thつse used iaclude the phi staṫstic for $2 \times 2$ tables and こranきr＇s V for laュger
 ＋1 when the variables are highiy or perfectiy related．A strength value of 0.3 or freater was used to select tables of interest［Ref．8：p．22ł］．$\overline{\text { for taき interested reader who }}$ might want to pursue conparisons of ミore vaziables （こesponses）against othezs，it is pointed out tha亡 the following crosstabulationj werミ run and analyzed（Q refsss to question）：

```
Q8A, Q3, Q6 by Q 15
Q8A, Q14 by Q26
Q31A =O Q31N by Q3A, Q3, Q6
Q32A to Q32N by QFA. Q3. Q7
Q8A, Q14 by Q28
Q10 by Q26 by Q8A (Q8A=1) ( =. listea)
Q10 by Q26 by QBA (Q8A=2) (OEEECEI)
Q3. Q17 by Q 18
Q24 by Q 25
```

```
    Q21 by Q 19a, Q19B, Q20A, Q203
    Q15, Q16 by Q22
    Q15, Q16 by Q28
    Q3, Q7 by Q16
    Q22. Q27, Q28 by 28A (28A=1) ( (enlisted)
    Q22, Q27, Q28 by 28A (28A=2) (Officer)
    Q17 bY Q 18 by Q3 (2 3=0) (malel
    Q17 by Q 18 by Q3 (2 3=1) (femal \)
    Q3 by Q15, Q16
    The results of these crosstabulations are discussed
in Che following chapter دn "Analysis and Findings."
```


## III．ANALYSIS AND FINDINGS

The purpose of the analysis was twofold．First，the characteristics of the service couple population were esti－ mated by studying the demographics of the survey respondents．Second，th三factors whizh significantly affect the lifestyles，career intentions ani こetention of the surveyed service couples were aeternined by analyzing their questicnnaire zesponses anł written＝omments．

## A．DEMOGRAPHICS OF RESPONDENTS

Frequency tables were＝onstructel for all questions and arき provided in Appendix e for detailed examination．A general discussion of the important ahョracteristics of the population EO110ws．

The results of the crosstabulations were generally insignificant statisticaliy or，wherき some relationship appeared to ミxist．$亡=$ was so weak as to be virtailly mear－ ingless．This means，essentielly，that the responses showed no patterns or $I \in l \exists t ミ o n s h i p s$ which differentiated among races，sexes，paygrades，ミtc．In othきz words，any response could be attributed to any member of the population．

In $\ddagger$ he end，cniy a haniful of arosstabulations proved to be both statistically signi天icant（こhi－Square significance of 0.10 or less）anc to have a＂stroag＂relationship（0．3 of greater）as measured by the phi statistic or Cramer＇s V． These and several＂weakeこ＂crosstabulations are discussed in this chapter where appropriate．

Before entering into an analysis of the actual＝esponse data，the charactorミstizs コf the tarjet population，the surveyed sample，and the zespondents were studiea to
determine if the sample and the responients were in fact representative of the service couple tazget population．

In Table II，a comparison is madミ between the paygrades of the target population and the payfrades of those who

## FABLE II

Target population and the yailed Sample

| Target Population |  |  | Sample |  | Dinferanc |
| :---: | :---: | :---: | :---: | :---: | :---: |
| giaj de | quency | のtagき | ueac！ | entage |  |
| E1 | 280 | 2． 15 | 25 | 2.05 | 15 |
| E2 | 792 | 6． 12 | $9)$ | 7.21 | 1.09 |
| E3 | 3，272 | 25.29 | $31 \%$ | 25.14 | ． 15 |
| E 4 | 3.920 | 30.33 | 373 | 29.80 | ． 14 |
| E5 | 3．438 | 26.58 | 335 | 26.42 | ． 15 |
| E6 | 1.059 | 8． 19 |  | 8.25 | － 06 |
| E8 | 154 16 | 1． 19 | 13 | 1．07 | ． 15 |
| E9 | 6 | ． 05 | $j$ | －0j | ． 05 |
| TOTALS | 12.937 | 100．0\％ | 1.249 | 100．0者 |  |
| W1 | 0 | ． 00 | ） | － 0 | 2） |
| W2 | 5 | － 23 | $j$ | .00 | 28 |
| －3 | 7 | － 39 | 3 | ． 03 | －39 |
| W4 |  |  | 1 |  | － 02 |
| 01 | 184 | $10 \cdot 31$ | 82 | 10.92 | ． 61 |
| 02 | 401 | 22.47 | 173 | 23.70 | 1.2 |
| 03 | 892 | 49．95 | $35 \pm$ | 48.47 | 1.4 |
| 04 | 247 | 13.84 | 105 | 13.98 | －14 |
| 06 | 3 | 2． 17 | 2 | 2.00 | ． 1 |
| TOTALS | 1,785 | 100．0\％ | 751 | 100．0\％ |  |

こセこeミved surveys．A test utilizzrg the Chi－square
Goวdress－of－Fit Statistic：Ref．7：p．503］Iesultedin a Chi－square of 3.18 with six degrees วE Ereedom for the enlisted and a Chi－square of 0.92 with four dejress of £ェきedom Eor the officer sミyment．rhis indicaこes chat こhe sanple fcr both $n$ nlisted and officer s三gments were represen－ たここえve of the ta rget population with こミgard to payg＝ade．


## rable III

## Target Population and Respondents

Target population


Table III is a comparisor of the taこget ard response populations to determine if the respondents wミre represen－ tative of the targat group．The san Chi－square Goodness－of－Fit Statistic Eest Lesulteコ in a Chi－square of 93.89 with six degrees วf Ereeiom ミว上 the enlisted segment and a Chi－square of 23.55 wth four $\ddagger$ i三grees of Ereedom for the officers．This Endicates that $\Omega$ ミミヶher onliミこed nor Officer segments of the こesponse wərき こepresentative of the target population with rejara to payzraies．
At this point, two itans need to bebrought out. During Th三 development of the $\equiv$ bove data，it was discovered＝hat
 the eri̇sted paygrades during the random selectior process．

drawn for the survey．The actual figares for the surveys seat out are 1,249 enlistミł and 751 officers．

The second item is the accuracy and completeness of the listing of names of perミoanel narriej to other service menbers．A review of the entire listing of names revealed that of six service couples known to the authors at the Naval postgraduate School，including the authors，only three members，all of them wonen，were on the listing．There were also four people who returned their survey stating they had $n \in v \in r$ been married，one whose spouse was deceased， 44 who were no longer married，anł 44 whose spouse was no longe＝on active duty．This all indicates a relatively incomplete and inaccurate listing．Howevər，the majวrity cf the returned surveys were from respondents whose spouse was also currently sexving．Those who were no longer married but whose former spouse was on active duty，and those with spouses who had previously served but were separated frcm actこve auty，were all askミZ to complotき the survəy as †hough they wert still married or as though their spouse was still cn active duty．Of those ho responjei to the survey，91．4\％ of cheir spouses were alsj on active まuty in the Navy． Therefore，the majority of coupies fill within the scope of this 工esearch which was only intendeł to exam the poiicies that affect the retertion วf Navy service couples．Ali 821工esponses used in the anəiysis arミ thきこefore ミxpミctea こo refilect the feeiings and problems of the service couple communicy in the Navy．

Both the respondents and spouses wミこe predoainantly white（91\％）．This Ieflects the fact that the majoriさy of the Navy is also whi亡e．Although the various miaวェi̇̇三s had a response rate to the survey in a saミiler proportion than the ir 工espective levels in the Navy population，there shoula be ro 0 Efect or the representaṫveness of this stuay as explainec above in the i̇sこussion on こさつsstabulaたions．All
questions dealt with overall Navy policies which do not differentiate among races．Nor did any of the minoriさy
 nat ̇on ir the written comments sections．

The officer／enlisteł proportions weze different than had been expected．Officers ma de up 49．Э\％of the respondents ani $45.4 \%$ of the spouses．These proportions are not reflec－ tive of the population in general anj are due to the fact that officers we re oversanpled because of their small
 Determination＂），and that their response rate was higher than expected．

A significant difference in numbミrs existed between the sexes of the respondents．Two－thirds were women，which is differert from the expeceei proportion in the target group． i．ə．，one－half．Fossibly，the NFC Eil ミs indicate more women married to other service nembers than men because most women change their names after they mミエry，which means pay records and emergency data forms ョre more likely to be updated＝o refiect their maritai status and theif husbands＇ṁi̇tary stztus．Alternatively，perhaps many males did not receive their surveys dueto being deployミi．

Most＝espondents（40．＇名）werein the 26 to 30 year old category，followed by the 21 to 25 yきa上 old group at $31.2 \%$ ， and the 31 to 35 bracket with $17.9 \%$ 「he spouses zlosely followed the ages of the respondent with $35.6 \%$ in the 26 ：0 30 group，29．8\％in the 21 to $2 \overline{0}$ agき 子roup，and $19.4 \%$ between 31 to 35.

A majo＝ity（59．7\％）つf theresponミeñs had been in the service iess than Eive years，whil三 z total of 37．8君 had less than 10 yeazs of aこtive duty behind them．The spouses or the other hand appearea to have bミョn generally in lonqeェ。 with 47.6 \％in for $I \in s s$ chaa 5 years， $78.4 \%$ Iess than 10 ard 91． $6 \%$ En Eor less than 15 yeazs．

Most service couples（37．3\％）in the sample have beer． married less than 5 years．Almost all（89．8\％）were maエried while both were on active iuty，whily only $4.4 \%$ had been married before entering the Navy．

Service couples are predominantly（61．3\％）without chil－ dren，while an additional $29.6 \%$ haj $2 n l y$ one child．Since 87． 3 \＆of the couples had been marriej for less than five years and all service couples are trying to maintain two careers，this is not an ur＝ealistiz Einding．

Most respondents and spouses werき in one of two catego－ ries with regard to their active duty intentions．The largest group of responjeits（ $43.8 \%$ was undecided，while 37． $0 \%$ of the spouses were also urdeciłed about naking the Navy a career．Retiring from the Navy was selected by $32.5 \%$ of the respondents and $37.3 \%$ of the spouses．A small percentage（13．1\％）of the cespondents，and $9.3 \%$ of the
 yeazs of service．During ihe eñodinj phase of this projミcさ， it was noted that althouga the question asked for intended
 remeシning timetc 20 years，or the time they hia left or theiz curaent obligation．Some inciaミさed a combination less than the minimum ailowable obligation．Needless to say， some amount of error existi as the aata had to be inesr－ preted before it could be encołed．

Compa＝isons of active $\ddagger$ uty intentions of $=$ inspondents and spouses（questions 15 and 16 ＝espeこさively）by sex（question three）indicated a statisticaily sijuiEicant こendency for a larger percentage of males to remain in for 20 years than femaies，and for more femßles $=0$ get out with less こhan six year of service．However，the こエamミr＇s V Stałistic indicated that these＝elationships were so weak（ə．g．，0．143 fo＝ Iespondents ana 0．265 for spouses）aミ to be vizさually meaṅngless．

## B．PERSONNEL POLICIES

Several of the survey questions dere directed at deter－ mining what problems，if any，the service couples had with personnel policies，proこełures，and other aspects of Navy life，e．g．，detailing，transfers，s三parations，and incompa－ tible careers and personal desires．こomments were solicited to provice amplifying information．as stated before，the complete frequency tables are provỉed in appendix E．

## 1．Detailer Support

Question 17 asked hether either career had been chosen as the dominant on by the couple to faこミlitate the detailing process．About half（51．5局 JE the こespondents indicated that either their career or their spouse＇s career had，in fact，been decided upon．However，when asked if thei工 detailers accommolated theiz decision（question 18） 40．9\％＝eplied that they hả not even advised their detailers of the matこer．Less than half（ $40 \%$ ） $\operatorname{le}$ the Iespondents sȧd that both detailers were こつoperきtミvミ when asked．Thezefore，亡t appears，that detailers do ミ fair job of assigning personmel who make it easiər fวr then by deciding on a domi－ nant career and notifying them of that fact．

However，some responderts conplained that their
detailers forced them to zhoose one zareer over the orher of told them to choose between their cazeer and their merriage or family，＝athe＝than attampt to loこきtき career－ミnhancing biliets 2 t the same duty station for both of them．In some cases the derailer（s）deciied which こるreer camefirst， generally the husband＇s．İ one instance，the Eəma亡シ＇s detailer would not stare wo＝kirg on ier orders until her husband had his，although her pRD was months sconer．The derailez explainea＂You do wart to live together．＂The authors know of servicewomen who avoij informing thėニ
detailers of dependent children or pragancy for fear of prejudicing the detailer and jəopariizing their careers． Many respondents stated that they falt their detailers were not only uncooperative，but sarcastic and aven spiteful．

A statistically significant，though not very strong， relationship exists betwean question 17 ，selection of the dominant career，and question 18 ，datailer support of that decisicr，when sex is the controlisa variable．For male respondents：when the mala＇s carear is chosen by the couple as the domirant one，both jetailers $a=e$ seen as supporting that decision sightly more often than when the femalミ＇s is chosen；when the wife＇s career is chosen as dominant che male＇s detailer is seen as not supporting that lecision mor＝ Often than when the malミ＇s career is decided upon．The trend here is not strong；Cramer＇s i Statis＝ic is 0．205．

For the female respondents，ahen the couple décides the femaie＇s career is nore important，both detailers support that decision less than whan her spouse＇s career is chosen by the couple；though weak，tiis pattera is slightly stronger with a Cramer＇s V Statistiz of 0．221．In general， it appears that detailers are a little more supportive of the service couple＇s decision when the husband＇s career is chosen as dominant than when che wifers 三́s chosen．（See Appendix $\mathrm{Z}^{\prime}$ ）

Some couples zeported ：hat they had had to locate billets for themselves ani become persorally cognizart of Navy assignment policies，in oraer to ensure co－location in meaningîul billeis，because their detailers wers urwiliing to make these efforts．Jn some occasions detailiss $\equiv$ ここ reported to make blarket statements，to the effect that theze are no billets available for both spouses in the desired location，up to a year in ảvance without taking the さミne to chack．Scme officar－cnlisiad couplas fミlt thar theiz detaミlezs purposely assigned them こo sepaこatelocaこions to thwart fhem．

Several respondents felt that jetailezs from differ rent communities did not zommuṅcate or cooperate with each other in co－locating billets．Jne respondent was told by her detailer that he would see what he could do for her after her husband got his orders．Another was told she should have married a surfacetype，not a submarinez．Somerespordents felt their communties took a back－seat to others in the detailing p＝ocess，e．g．，the detailers would co－locate a staff corps officer with a line officer，but not vice versa． On the positive side，many couples stated that they hadr＇t kai any trouble with the亡：detailers $\equiv 0$ far，especially when they had the samedetailer．

## 2．Assignments

Question 27 asked what was tıき most Emportant aspect when confronted with a new assignment．A majority（74．5\％） Chose co－location with spolse $\partial \nabla \in \mathrm{E}$ a こareer－enhancing biliet or other factors．Further analysis under＂Retention Issues＂ will reveal that こoーlocation ̇s repoこted to be วfextaeme importance in decisions to remain in the service until $r \in t i r \in \mathbb{R} \in \mathrm{nt}$ 。

According to the Eesponses to question 21, 85\％of the service couples are stationed tojether，5．1\％are not but agreed $\div 0$ be separated（probably in jrder to receive favor－ able biliets），and 9．5思 are separaこきき ミgaミnst their wills． Questions 19 and 20 asked aow the resoonderts and thei＝ spouses felt about theif assignea juty stations（locȧion） and biliets．Overall，botュ zespondents and spouses weze predominantly satisfied with their assignments．In gene＝el they were more satisfiei with their locations than thei＝ billets，and more dissatisfied with theミさ billets thaz their iõa亢iors，as sumarizeえ in Table IV．


## IABLE IV

## Feelings about Location and Billet

（Questions 19 ana 20）


This probably indiこates that they were happy to be stationea together but less pleasea with the type of billet they had to accept ir order to be av－located．Their written comments do，in fact，support tḣs 三xplaration．Mary respon－ dents stated that they or their spouse had to take undesirable or non－career ミnhancing billets in order to be stationec near the other．They often wondered ̇f any betこer
 lazy or spiteful．One officerfelt tazt she was bėng detailed to non－career enhzncing billets because her detailer expected her to give up on her career in favor of her family；as a resuit，きveṅualiy she would have no career left and might as well get out．

When İspondents ミュd spouses feelings about location （questicns 19 and 20）are compared with seェvice couples sta tus as stationed togə七hき＝or apar＝，with or without thei＝ agreement（question 21），it appears to be statistically sijnizicant that they becone more iissatisfied as they are
 This is particulariy true for the spouses，as Eajicaさed by a Cramer＇s V Statistic of 0．337，comparea to a 0.238 Eor responderts．（SeeAppenjix E．）

## 3．Career Conflicts

 couples reported that they had experienced conflict between their two careers and， $2 f$ those， $22 \%$ stated that as a result both would leave the serviae before retirement，and $53 \%$ said that one or the other wouli get out（question 25）．As brought out previously，most of the zonflict is due to not being able to get desirable billets in the same location with their spouse．In sวmき casəs，thき respondents recogrizzed that there are no co－locatad biilets for their particular
 respondents with the same rating or iesignator were faced with $1 \dot{m}$ mited numbers of co－located billets，for which they had to compete with each other，e．J．，Limited Duty officers （LDO）or Judge Advocate Corps（JAG）Jfficer billets．In many cases，a career enhan＝ing billet for one spouse means sea duty and if they have chilanen it means the other must forego sea duty，schools，Jr billets with extensive Tenporary Assigned Duty（rad）requiremsnts，whizh may have been desizable．

The strongest reiationship between any two vaziabies compared by crosstabulaṫココ analysis wes that between ques－ tion 24，existence of a conflict betaeen caエeers，and question 25，result of that conflizt．There is an extremely
 for one cr both members of the coupli to leave the service
 small percentage（11．1\％put up with separations＝o pu＝sue their careezs，but another $11.1 \%$ saỉ $\quad$ bhey will get divorcea．（See Appendix E．

## 4．Separation

Separations due to PCS assiganents，deploymerts， etr．，were overwhelmingly reported to contribut to personal grief，finañiョl burdens，naritalfanilial problems and disenchartment with the Navy．In zesponse to quistion 26 ，$\exists$ s to how long a coupie woula accept gəographic separations before one or both deciaea to leave the service，16．2\％ stated that they would aot tolerate $\exists ⿰ 丬 ⿳$ separation，and anวther 68．2\％said they wolld accept a year or less．These figures may not ke completely accurate because in some cases the coupies were talkinj about the total amount of separa－ tion during their career（s）and in sone cases they were stating the length of separaṫon theq would accept in addi－ tion to that which they hei already suffered－sometimes up to three years．Mary couples who hàa bミen married $\mathfrak{a}$ year or two reported that they had been separatod most of their married lives．$S \in \in \in=a l$ of then were こontemplating divorce or in the process 0 ミ obtaining onミ．

$$
\text { A comparison of question } 25 \text {, maximum acceptable }
$$

length of geographic separztion，by 28A，paygrade of＝espon－ dent，shows a slight but statistically significant tendency for officers to accept separations morミ often than ミniisted ani to accept longer sepzrztions．rhis tendency is not very strong according to the cramer＇s V Statistic，0．203．（See Appendix E．）

## 

Most of the comments on personnel policies and
matters have been negative，but that is not unexpected．It could be expected that the people most likely to Eeturn the survey would be those who bad complaines，and that those who エeturned the survey altholjh they were not paこticularily dissȧ̇sfied would not have much to say．Ir Eact，in

Iesponse to question 22，almost two－thirds（64．1\％）of the respondents stated that thəy had not personally encountered difficulties with perscanel policies．However，nany of them qualified this by comments such as＂ミכ far＂or＂not yet＂． and went on to say that they foresaw or anticipated problems in the future．A majority（57．1\％）affirmed this by工esponding to question 23 that they $f \equiv l t$ charges should be maie to personnel policies．Part of this concern was over pay policies，ju dging fron their written comments，which will be covered later in this こhapter．The space provided in questior 23 to＂please explain＂invited a wide range of conments，which will be related next in no particular order．

A common problen for service couples is planned rotation dates（PRD）that do not coincide．This means they may be separated for as long as a year when one rotates before the other，and even then the second one to transfer may not be able to $g \in t$ an assignment aear the first．If one spouse wants to transfer at other thzt his／her pRD in order to join the other，he of she may have to make a no－cost
 policy ard requirements concerning cransfezs at government expense Encluding that the member be＂otherwiss ミligible for reassignment under current distribution directives（i．e．． near PRD）．＂However，Enlisted Distribution Branch staff （NMPC－40BB）is u raware of any such wriたさen policy or defini－ tion of＂near PRD．＂In faこt，Et was explained that the various detailing sections handie inaividual＝equests for early 工otaṫon＂diEfєモəロこly，＂วn a＂こaミe by caミe＂basis． They de have an＂unwritten policy＂to attempt not to sepa－ rate sezvice couples for more that oae year due to pcs assignmerts．Obviously aวre clearly stated．written policy is $n \in \in \bar{d} \in d$ regarding no－cost tiansfers．

The cost to the government is apparently the same， how $\in$ er，whether the service coupla transfers at the same time or not．Joint Travel Regulations（JTR）state that they may combine the prescribea weight allowance of ảch when transfering to a permanent duty station where they will maintain a joint residence［Ref．9：p．8－2－1］．It is unclear whether or not the policy is to grant each their full weight allowance if they transfer separately to or from the same location．One couple reported that they were
 when transferring within $20 N J S$ ．The JrR states that a service couple is limited to the weight allowarce of the senior member only for a transfer overseas［Ref．9：p．8－2］．

A related problem reported by a respondert is the
 that frequently women are assigned to overseas auty as sea
 states that women are dミtailed based $2 n$ outus／こכNUS rotation wh：ereas men face sea／shore rotitions．Sea duty and overseas assignment count as oUTUS for women．This makミs it difiミi～ cult to syncronize＝otations or co－iscate assignments．

Sea duty itself is a complex and controversial
issue．Apparently existing regulations（ENLTRANSMAN ART． 3．195）are interpretea to nean that $\operatorname{seficer~andeniisted~}$ couples without children aannot be sant to sea $\exists$ uty $\begin{gathered}\text { at the }\end{gathered}$ same time without their consent．This says nothiag about service couples with chiliren．TherミEore，some
 said they were availablミEวr sea daty concur＝ently．Some Iespondents complained that they wərミ required to sign custody of their children วver to $\mathfrak{z}$ third party beceuse they werc bcth assigned to sea iury．Of $2 \partial u=s \in$ ，this is ar absura predシcament and surely not the Ertent of the Navy．

The policy in question is apparently intended to prevent the couple from lusing both basic allowances for quarters（BAQ）when assigned to sea $\ddagger$ uty because without dependents they would not be entitlei．However，a more reasonable，comprehensive，and clearly stated policy regarding concurrent assignemnt to sea duty is obviously needed．Many respondents Eelt they should not be subjected to concurrent sea duty without their consent as they have children to care for anł households $=0$ maintain．Mary couples wanted to be assignea to the same ships，if detailed to sea duty at the same iime，to $I ⿰ d j=e$ the amount of sepa－ raṫon．They werewilling to be berthed separately． Enlisted personnel assigned to the same command complaired that they were prohibitẻ from working on the same shi亡t．For couples who can only afford one var，this creates problems getting to and from work，not to mention the amourt of separation it causes．yany wonderei why they couldn＇t be assigned to the sane sho？as they didn＇t－expect to cause any more problems than coupies who were dating or Iiving together and workinj in thesame shop．

An enlisted couple in the sane squadron felt that enlisted personnel were discriminatei against beaause，while on deployment to Japan，they were aวt allowed to live with their spouses while the officers werミ allowed to have their civiliar wives stay with them in govミrnment quartezs．One Iespordert complained that while his ship was in ovezhaul， the crewmembers with civiiian spouses received air fare＝0 visiた thei＝spouses；thวse with mミ1̇tary spouses did rot．

Many comments werミ related to goveznment housing pol̇cies．Some respondents reportez＝haこ at their duty station they were not allowed to move into government housing until they were both on boarき，while menbers maここiミd Єc civílians could move こight in before the spouse／family arrived．one zescondent said h三 was ミvicted f＝om housing

When his spouse returned to CONUS anł their child stayed with him，because the chili was listei as her dependent．He was not allowed to list the child as his dependent before being evicted．One female officer stated that she had been denied a room at the BOQ because the heads were shared by men．She was also not allowed to share her husband＇s BOQ room while they awaited housing，so they had to move into a motel．Another couple sharing a BO2 room while awaiting housing complained that they had to Eorfeit two BaQ＇s for on $\begin{aligned} \\ \text { room．One officer complained that she was not allowed to }\end{aligned}$ move intc the $B O$ Q whil her spouse was deployed．An officer－enlisted couple stated that they wero not permitted to live En officer or enlisted housiag．Furthernore，their commands would not allow them to attend each others＇promo－ tion ceremonies in uniform．

Another command would not allow one member to go on a no－cost house hunting trip prior to transfer because the spouse had gone on one（without suこここss）．According to one respondent．Iegulations require one spouse to return to CONUS if two enlisted psrsonnel marry overseas．Jthers were concernē that overseas ration caニis wəre halvミa for each member cif a service coupl̇，as they fミlt they were each entiたled to a whcle one．

A Eespondent pointed out that curzently oniy one menber is listed as the sponscr on a child＇s meき̇cal Iecoras；therefore in the＂sponsor＇ミ＂absence，she ̇ncureed problems in obtaining medical こare for the chili in an emer－ gency．According to the Bureau of yełicine and surgery， Hearさh Benefits Division（NMES 313），there is no writeen BUMED poiicy specíying tazt eiたher aこtive duty parentor both should be listed as a child＇s soonsor．The pajctice in the fielcu seems to vary from listing whichever sponsor is injicatec on the child＇s ni İこaニy ID（if he／she is oid enough to have one），to i̇sting whichever pazente clains
sponsorship，to routinely listing the father．The fealth Benefits Division suggestea that any problems could be resolved by the sponsor giving indefinite power of attorney to his／her spouse versus BJMED proviaing any written guidance for such a small a nd insignificant segnent of the Navy community．The Army jues have writter policy on the subject of service couples in this area［Ref．10：P．4－1］．

Some respondents resented that members married to civilians could get＂homesteaded＂in one location 20 accomo－ date the civilian＇s career or the fanily＇s stabilizy，but service couples were not so accomolated due to＂needs of the Navy＂although they too would like to きstablish a stable household．

One respondent wondered why there were no HRM（Human Resouce Management）information／support prograns for servica couples like those for こ̇vilian dミpealints，minorities，etc． Another respondent suggested that many separations could be avoided by moving the schools located in Nowport， Rhode Isiand（Department iきad．PCO／PXO，Etc．）to the large Navy population centers like Norfolk and San Diego．

Many of the comnents receivez were confusing， contこadictory and surprising．a lot $\partial f$ the problems and woryy experienced by serviae couples are caused by unclea＝ policies，lack of statei ？つlicies anł sca゙ちered reguiations． Disburing clerks and personnelmen $\exists t$ the local level aze unaware of the special sṫtus，problミms and policies pertaining to sezvice members marriej to other nimbers，and therefore frequently interpret and appiy policies inconsis－ tentiy and incorrectiy．


## C．PAY POLICIES

Some survey questions were direated specifi＝ally towards perceived problems with pay policies．Jver one－half of the． respondents（58．7\％）repliei that they felt pay polizies discrimirated against then due ì their status as a service couple（question 28）．Consequently，j4．6\％of them responded to question 29 that changes in pay policies were needed． Most of their writter comnents were pery specific and pertained to BAQ（Basic Allowance Eor Quarters）．It was noted that，in general，the responi三nts apparently regard BAQ as a basic entitlement which they earn for their service to the Navy much like basiz pay，and not as a compensation which is only provided to aake up for lack of jovernment quarters．The same complaiıts appeared over and over again in the Iєspondents＇comments．A representaさive sample is provided here．

## 1．Basic Allowance for qua riers

Many responderts st＝ongly resented the forミeiture of
BA久 on sea duty if marriej to another service nember，while meabers marfied to civilians retȧnea their BAQ，ま t こh with－dependents rete，no less．The aミmber of a service coupie or shore duty with ao＂jepeałents＂only iraws single BA2［Ref．5：pp．3－17 and 3－32］．hhy，they ask，should a menber with a civilian spouse be entitled to more baQ than a service couple？Both couples oniy refuiこe a one bedroom househoid ashore．Furthermore，the civilizn spouse do don＇t contribute anything to thミ Navy in retu＝n for the extこa （with deperdents rate）BA2，but both members of a service couple serve the Navy．In Eact，civilian spouses a＝e regarded as an extra burdea on the Navy，ir the way of meȧ̇cal care，housing，conmisary ani きxchange privileges，

＂dependert＂earnsmore salary than his or her spouse．How， then，is BAQ at the＂with iependents＂rate justified for somecne who is nct actually depenaənt？Obviously the term ＂dependent＂is inappropriate，inconsistently applied and in need of reevaluation．

Many respondents felt that they，and single personnei as well，should both contiaue to draw BAQ while on sea duty as they were just as likely as members with civi－ lizn spouses to want to maintain a household ashore，ard rent and mortgage payments don＇t stop when one is on sea duty．The loss of $\bar{B} A Q$ therefore causes them a severe firan－ cial hardship and makes buigeting for housing iifíiculさ．In faこt，the policy of＝equiring mi亡itary persornel to occupy quarters where quarters are availablə，vice paying a housing allowance to aryone who prefers it，jミnies military personnei of the opportunity to invミst in housing，build up equity，and assure themselves วf $a$ hone when they sepa＝ate Envm the service［Ref．11：p．569］．and［Ref．5：p．3－16］． As an alternative，many felt こhat a service couple should aぇ least be entitied to BA2 aith depeñents like the other couples，while one is on sea duty．Somミ resentei being reduced $=0$ single status fyr baQ purposes，while having to file income tax returns as married．

There appear to be mary sᄃraag三 twists in the appli－ cation of policy on BAQ．A＝coriing to some respondents，the sezvice couple can retain both BAQ＇s while one is on sea duty if that one ciaims ajy children they have as depen－ deats．The spouse on sea duty then draws BAQ ＂with－dependents．＂How vミr，if the shore based spouse ciȧms the dependent，and iraws BA2 $\exists t$ th三with－iep＝nderts ェate，the one on sea duty Eorefeiこs．It seems they must tこansfer the claim of dependents back and forch with each new assignment in order to maintain their financial status．


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but apparently most persoazel are uazuaze of this［Ref．5： p．3－32 and 3－32．21．

It was also perceived as unfair that single CPO＇s anj single officers shouli be paid BAQ and COMRATS／BAS whilє ir homeport，while marrieł enlisted wə工e not．Ihe litter unjerstandably prefer to reside ashore with their spouses rather than aboard ship．

The status of chilaren of a previous marriage in regard to BAQ at the with－dependent rate is arother confusing issue．Many respondea cs conplained that they were rot permミtted 50 both draw BAQ＂with $\ddagger$ fopendents＂if they had children from their own marriage and one was paying child support for children of a previous nareiage［Ref．5：p． 3－19］．They feel that borh should receive the increased BAQ as the children were not ail being suppoited under the same roof．However，other responderts，and the authors as well， know that in many cases suzh baq paynənt is in fact permitted．Other variations of this situation are possible： both spouses could be supporting children from previous marriages who may or may aכt reside iith them．Jnce again the deḟ̇nition of＂dependent＂and polĩy in this area arョ un＝lear and appear unreaspaable to nost personnel．

## 2．Family S

Family Separation Allowance（FSA）is arother source of dissatisfacticn to service こouples because they are currently not antitled to it［Ref．5：p．3－18－3－39］．They stated that separations due＝0 deploynents were just as much of an emotional and finanこial hardship on them as iz is on menbers with civilian spouses．Furthミュmoze，many＝espondents E€l亡 they deserved FSA wh三n separatej by PCS assignments as well，which is certainly a greatezhaぇaship．İ appears that seIvice couples with＝ecofnized＂dependents＂（chiláan） may be authorized FSA under the DODPY policy，but this is not clear and prcbably ləsミ well known or apoliミd．

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## 3．Othes Probleg Aeas

One respondent sail that one spouse should be
allowed to live in housing when the＝ouple was not co－located，presumably in order to naintain a household with their possessions，vice being required to live in the barracks or $B O Q$ ．Another $\tilde{\text { felt }}$ the $\operatorname{pption~of~giving~up~quar-~}$ ters in favor of receiving baQ shouli be made easier．Mary couples complained that assignnent to housing did not justify forfeiture of two BAQ＇s，especially when members married to civilians were วnly givinj up one bap for the sane quarters．Many complained that the quarters were not worth the $B A Q$ ．

Many service couples resent the accusations that they are receivirg＂windialls＂in the form of double bal for one household．They point out that not only are they both serving the Navy，standiny warahes，joing to sea，etc．，they f䒑equentiy need two cars io get to thei工 respective jobs， they must often pay for childcare bミこause duty requirements anł depioyments keep them both away Erom home simultane－ cusly，and when they aren＇t co－located they may be maintaining two households and have ḣgher telephone bills and transportation expenses．

Obviously there exists a lot of misunderstanding and a lack of information on pヨy policies as they pertain to service couples．This is 5 ue for the persornel responsible for administering pay as well as for the＝ecipients． Consequently，policies ani prozedures aモe often applied inconsistentiy and €ryoneolsly throughout the Javy．The ulṫmate 工esuir is a derエimerazi moこale problem ミmong service couples，in addiたion to finanこiai hardships．

In conclusion，most of the $}$ spondents wミre confusez ani unhappy aoout the complexities aał percėvej injustices of the pay system；উherefore，they suggested that the
intricacies of＂with depeidert＂rates should be dispensed with and all allowances，like basi＝pay，shouli be based on military status／rank／servizes rendered and not on marital or dependent status．In short，married service members should be entitled to $B A Q$ ，regaziless of thəir spouse＇s military or civilian status．

## D．RETENTION ISSUES

## 1．Major Reasons fo Leaving tho service

Questions 31 and 32 were designed to determine the greatest influences on service couples＇decisions to leave the service priqr to recirement．Ihミ respordents were instructed to rank their top th تee reasons and those of their spouse．However，many responjents had marked Ieasons without Endicating any priority，which necessitated the creation of a fourth categoIy of response，＂marked but not ranked，＂which did not really contribute to an analysis of p＝iorities．

Theェefoエe，all the rarkings（and unranked marks）for Each reason were combined to produce the total number of marks for each reasor．Thきse wərき then compared $=0$ determine the reiative importance of each issuə．Table $V$ shows the number of marks（frequencies）each alestior．received from responderts，spouses，and both combined．The adjusted percentages indicate the proportion of persons narking each question out of the total ho marked arything．Note that $=$ wo respondents did not answer question 31 at all，nor i̇i they （ 0 their spouse）answer fuestion 32 in 35 cases．Bea＝in miad that，as each person was askeł to mark three resporses to each question，the fiequencies ani percentages will not sum to 100\％．

## rABLE $V$

Reason for Leaving Military Service

| Question 31／32 Reasor | Respo | ents | Spous | es | Combi | ned |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FEeq | Adj | Prきq | Adj | Freq | Adj \％ |
| Raising a family | 267 | 32.6 | 186 | 23.7 | 453 | 28.2 |
| Pay policies | 143 | 17.5 | 126 | 16.0 | 269 | 16.8 |
| Better civilian job | 261 | 31.9 | 289 | 36.8 | 550 | 34.3 |
| Personal preference | 122 | 14.9 | 177 | 22.5 | 299 | 18.6 |
| Location of assignmerts | 74 | 9.3 | 86 | 10.9 | 160 | 10.0 |
| Separation from family | 364 | 44.4 | 352 | 44.8 | 716 | 44.6 |
| Pressure from family | 40 | 4.9 | 24 | 3.1 | 64 | 4.0 |
| Disagree．with personnel polícies <br> Reduction in military | 71 | 8.7 | 95 | 12.1 | 166 | 10.3 |
| benefi $\ddagger$ <br> Onable to locate with | 193 | 23.6 | 127 | 16.2 | 320 | 19.9 |
| spouse | $+30$ | 52.5 | 367 | 46.7 | 797 | 49.7 |
| Unable cc co－locate with qood billet | 214 | 26.1 | 191 | 24.3 | 405 | 25.3 |
| passeaover／cannct advance | 125 | 15.3 | 106 | 13.5 | 231 | 14.4 |
| Retired | 19 | 2.3 | 32 | 4.1 | 51 | 3.2 |
| Other | 46 | 5.5 | 50 | 7.6 | 106 | 6.6 |
| Number of＝espondents | $\begin{array}{r} 819 \\ 2 \end{array}$ |  | 786 35 |  | 1605 3 |  |

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\text { Analysis of Table } \begin{gathered}
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\text { aveals the following. The }
\end{gathered}
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こeasor for getting out of the servĩき that was chosen most often by the respondents is＂unable to get assigned to the same locaṫon as spouse．＂It was marked by $52.5 \%$ of those who answered the question．The secons most of＝en selected reason is＂separation from family．＂Thミre is essentiallya tiき £or উhind most imporこヨコt reason bミさweer＂raising a faṁiy＂and＂better civilizn job＂；thき adjusteむ percentages for these responses differ by oniy $0.7 \%$ ．The next most often chosen＝eason is then＂unable to get assigned to desirable biliet in the same location as spousミ．＂

The spouses＇most often indizated reason for getting out is essentially tied between＂uaable to get assigned to the same location as spousa．＂selミこtミき by $46.7 \%$ ，and＂sepa－ ration from family＂（44．8\％）the ảjasted percentage difference is only 1．9\％．The spousəs＇second most important Ieason is＂better civilian job．＂again the thini most often selected reason is tied between＂uaable to get assigred to desirable billet in same location as spouse＂ana＂raising a family，＂the difference bəing only．．$\%$ ．These five issues cover exactly the top five reasons injicated by respondents． The frequencies of the Iesponaミnts and the spouses were added and the adjusted percentajes recomputed based on the combined total to dミtərmine the วVerall priorities of 1605 service memkers．The factors having the most inEluence over their decision to get out of the servíce beiore retire－ ment are listed in order．

1．Unable to get assigaきd to the sane location as spouse．
2．Separation from family．
3．Beさter civiiian job．
4．Réising a family．
5．Unabie to get assignad to a desirable billet in the same location as spouse．
（Resporses four and five iiffered by only $2.9 \%$ ．
It is worth noting that, for the service couple
segment of the Navy community，the major factors irfiuencing their Career decisions aュe related to spouse／family togech－ erness versus シny other aspects of mili̇aュy life．It is rot known what the Iespondents considミr to be a＂bミtこer civiijar job＂，but the probability that 亡t woulin＇t kesp them sepa－ rated could reasonably be an attractive consideratior．，as well as the fact that civilian jobs $\exists \mathrm{lo}$ not genミraliy freat or pay €mployees differently accoraing to what cheir spouses do for a living．

As discussed previously in this chapier under ＂Demographics＂，a large proportion วf respondents（43．8\％） and their spouses（37．0\％）ヨre undeこiヨミ彐 about whether or not to make the service a career．A small percentagミ（22．7\％）of the respondents and $17.7 \%$ of their s？ouses have decided not to stay in for 20 years．（It is notel that somミof those getting out afte＝ 19 years are eligible for retirement．） The five areas of concern which were pinpointed above can reasonabiy be assumed to be the major causes of their inde－ cision or decision to get out，and therefore deserve attention by policy makers and others concerned with improving Ietention．

Career conflicts were also a source of $\ddagger i s s a t i s f a c-~$ tion for a large proportion（ $35.1 \%$ ）of service couples，as discussea under＂Personnel policies＂．This is reflected here in the findings that two of the major concerns of service couples are＂unakle to get assigned to the same location as spouse＂cnd＂unable to get assignez to a desirable billet in the same location as spouse．＂Ihese aoncerns should also be of Enterest to those responsible for retention and assign－ ment policies．

A compa工ison of sexes on selaction of raising a
family as a reascn for leaving military service（question 31 añ 32）revealed a statistically siguificart Eelationship． Eemales were more likely to mark＂raising a family＂as ar important Enfluence on their career $\ddagger$ ecision than were mal ミs，especially among the spouses as indicated by a Crame：＇s V Statistic of 0.346 but not as much among zespon－ dents．0．216．（See Appミnzix E．）İ should be noted that in many cases the $I \in s p o n d e n=s$ marked responses on behalf of their spouses，a nd therezore statistizas regarding spouse＇s feəlings may be inaccurate．


2．Additional Reasons
The written explanations provided for selecting ＂other＂usually cited job aissatisfaztion and pursuing education／using G．I．Bill benefits．

The fact that＂passed over／こannot advanこき＂was marked by only $14.4 \%$ of the couples indicates that many of them would stay in ever if their advaraement opportunites were not good．but wouli gきt out bきcause of other problems． e．g．，family separations，ever though they had viable careers and good advarcement possibilitties．

It is worth noting that the least often indicated reason for leaving the service prior to retiremert is＂pres－ sure from family to get out．＂It seans reasonable to conclude that service couples a工e hijhly dedicated to the Navy and supportive of each other＇s ヨミsミュき to pursue a miエi－ tary career．However，the hardships ur dissatisfacitior caused by military policies（or lack thereof）may drive them out of the military serviこe．

## E．CHILDCARE

Although only $38.7 \%$ of the respoajミnts have children， 58． $5 \%$ of those $I$ eplied to fuestion 3 J that chili ca＝e caused them prcblems，either bミcause it was not available，or it was avai̇able but unsatisfactory．Tais rumber should be higher．Mary of those who marked＂childcare rot required＂ dił have children and indicated in their written comments that because available government こhildcaгe was unsatisfac－ tory，they had made private a＝rangミnミnts，̇nclujing having reiajives move in with them．


1．Major Complaints
Two areas of complaints were aited repeatedly．In many cases，child care fazilities arき available but their hours of business do not coincide with the work schedules of military personnel．Servize menbers วfter work unusually loag days，being required $\neq t$ work before the child care facilities open，and gettiag off duty lorg after the facili－ ties are closed．Quite often the child care facilities available are not open aizhts כr weきくきnds，while miliさa＝y meabers frequently work during these times due to shifis， watches and duty days．Maxy child $a \exists=e$ facilities do not accept unscheduled＂drop－ins，＂but military members who are subject to recall at any time $n \in \in d$ this service．

The second most often こitel problem is che fact that most child care faciエities do not acさept infants under six months of age；in the Navy，maternity（convaleszent）leave is usualiy only authorizei up to 30 lays［Ref．12：pp． 30－7－30－8 and pp．38－1－38－3 ］．Therefore，the mother who must return to work has to utilize a private baby sitter or other more expensive civiliar chila aare facilities for inEanis，which she can ill afford．Iaき problem is more severe for servíce couples of which 2 ne member is on sea duty because they are forfeiting one BAQ，one spouse in not avaiiable to assist with こヨring for the children，and $}$ expense ̇́s incuryed．

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staffed，children ヨrefrequentiy unsupezvised，babies are ignored until their crying becomes aこute，and guided activi－ ties or insiruction are not proviaきi（children watch TV all day）．Faciliたies aエe inadexuaこき and ミvミn unsaモe；in one case，they had been condemned by the fire departmer．t and

parents had to sign a waiver releasing the facilizy from responsioility．Special child care is needed for chilaren who have temperatures or other minor illness as their parents usually cannot get time off Erom work to stay home with them．

On some tases，the child care faciliさy is available to civil servants and othər civilian きmployees，but many military members are placez or a waiting list for cḣld care．It seems that childzen of service couples and single parents should have priority for child care faこilities， followed by children of other militacy couples，and iastly by children of civilians（if such ヨacomodatior is justifí－ able at all in a facility intended to serve †he military）． Many of the Iesponjents notej that while the Navy only grants about． 4 weeks for maternity leave，the Army authorizes 6 weeks．Surミly Navy mothers need as much＝ime to recuperate and adjust their lifestyles as Army nothers do．

As a result of the significant problems caused by －he inadequacy or inavailability of zhild care，many service couples stated that one menber would have to leave the service in order for the fanily to こうpミ．Some sugges＝ed －hat perhaps a member coulỉ bs graztミđ a temporary leave of $a b s \in n c e ~ i n ~ o r d e r ~ t o ~ m a k e ~ f a m i l y ~ a d j u s t m e n t s ~ a n d ~ a r r a n g e-~$ ments；this time off couli be repaijat the end $\partial \mathrm{I}_{\mathrm{i}}$ the meaber＇s service obligation．

## IV．CONCLUSIONS AND RECOYMENDATIONS

## A．CONCLUSIONS

Based on the preceding analysis 2 f the responses to the service couples survey，tae followinj conclusions were drawn．

The statistics ani respondents＇written comments presented in the analysis in Chapter III proviłe ample
 personnel policies pecuiiar to theq which cause thom to have career conflicts，get divorced and，in a significant number of cases，to leave the service．Major iifficulti tered are：getting co－locョted，gettiaj assigned to desi＝ablき billets and co－located，separations，maintaining a householi and rȧsing a family．

## 2．Pay Poijcies

Perceived inequitizs in th a aministration of BAQ， FSA，etc．，were reportei to be the source of a great deal of concern，confusion and dissatisfaction among sarvice couples．Over one－haif of the resporzerts felt pay pol̇cies were in need of revision．However，their dissatisfaction With this issue is not as freat 2 202tributor to thei＝deci－ sior to Leave theservice，as compared with dissミヒisfaction ovき工 sepaエate assignments and tきmpoェきこy sepaニatiors．

## 3．Childcars

An additional finaing is th $\begin{aligned} & \text { aignificant effect of }\end{aligned}$ childcare problems on career $\mathfrak{d e c i s i o n s ~ o f ~ s e r v i a e ~ c o u p l e s . ~}$ Not only are the respondents dissatiミfied with facili̇ies， staffing，activities，services（hours of operation），and policies（minimum age requirements），many reported that the inavailability and／or inaiequacy of childcare was a factor En their decisions to leave the service．They are not able to reconcile the demands of a military career with the demands of $a$ family without childcare support．

## 4．Rolijcies in Genergl

It is also conclułed that muzh of the $\begin{aligned} & \text { issatisfac－}\end{aligned}$ tion ard problems experieazed by service couples stem from policies which are inadequate，inconsistent，unこlear，misin－ terpreted，and not well known．The areミs ard issues brought out by the respondents are summarizej here．
a．Policy regarding concurrent assignment to sea duty of service couples，both with ani without children，is not fuily and clearly stated．
b．Policy is neẻed stzring the Navy＇s intent to co－locate service couples in career－ミnhancing billees for
彐とtエibuted to this effort，and the ヨロount of cooperation expected between detailers and＝heir こonstituents and

c．Policy regardiag tour lengths for nen and women and PRD adjustmenis shoulz be こevíwミコ aid＝evised to make tour lengths more compatible and rotations easier to syncronize．

C．BAQ əntitlenent policy シ̇ not cleariy staさed or consistertly applied to service couples in reiztion to sea ¿uty，assignment こo quarこers／housing，ard depenまents，and is こeJarded as discriminating unキミミエIy agョinst service couples．

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e．Policy regarding authorization of FSA（type I and II）also appears to discriminate unfairly ajainst service members married to other membərs when they are in th三 same circumstances，Э．g．．PCS $0 \nabla \supseteq r s e a s$ assignment or sea duty，as members marrizd to civilizns．
f．Policy is neeied permittiag both service member parents to be listed as sponsors for their chiljren on the children＇s medical records，to $\equiv n s u r \equiv t i m e l y ~ m e d i c a l ~ a t t e n-~$ tion can be obtained in the absence of either of the parents．

G．Policy regarding service couples＇household goods wėght allowances is not ciearly stared for all situa－ tions，e．g．，wher the membərs erarsfミr at different times and／or cc separate locations．
h．Guidance is needed at the local comana level to standardize policy regarding：assignnent of service couples To same shifts，shops，こrəws；granting of ro－cost TAD house hunting trips；provision of transporiation to crews in over－ haul to visit spouses，きさこ．
i．Housing policy guidance is ミlso needミd at the loこミl ível to standardize the housing assignment tc offincer－єnlisted couples，waiting poriods for housing when one member of theservice zouple is snboard，et兀．

## 5．Ląck of In

Huch of the confusi on and frustration experienced by service couples is caused by a lack of information or urder－ standing on their part．Mayy problens could be better accepted，工єsolved or avoijed ヨlzogether if service couples， and members contemplating marriage to other menbers，were better ̇nformed $C$ policiəs and awarき of the special cizcumstances they face．Fวr example，many couples are urhappy with their duty assignments bミcause they think they coula have had bet亡er billəts or bミミュ co－Iocatei if thei̇

detailers would only make the effort．However，in many cases the service couple＇s specialさias are not compatible to co－location or openings io not exist in the required tineframe．

Many service meabers do not inderstand the purpose of $B A Q$ and therefore do not accept the application of policy on entitiement．Many are 子 つt aware that favcrable provisions do exist in curyent policies because they are unfamiliar with the poiicies or the ？olicies are difficult to interpret．

It seems that much of the dissaṫsfaction of service couples could be alleviatej if they were provided with such information as which specialties car be co－located and what the likelihood is，what special provisions ir pay policies pertain to them，and what their rights ard oblijations are as mílitary members with military spouses．

## 6．Costs to the Navy

As the number of service couples continues to grow， the Department of the Navy has an opportunity to improve retention of these members through aarefully thought out policy．As pointed out eariier，serviこe couples indicated a hijh degree of support of each others careers and desi＝e to refain ir the service if こertain hariships car be alievi－ aこed．Thei＝increased retきntion will 上educe personrel shoエtages，loss of skills ョnd ミxpєェiənこe，andultimatシly replacement costs，i．e．，とae cost วf Iきcruiting，亡raining ara sušaining $n \in w$ personnel to repliae those who leave 5 he service．The costs to the Navy causej by loss of quaこ̇シミied． experiercea perscnnel should be weighai against the costs incurred in inducing thวs pezミonnel to remain in ths $s \in v i c \in$ ．

What are the costs which result from personnel losses？First of all，obviously，there are the unfilled billets and the billets filled with lnderqualified personnel．This results in a reduction in operationai readi－ ness，a serious consequeñe．The nəこessity to replace personnel who leave leảs to こeplacenent costs wich ulti－ mately exceed the cost of retaining those personnel．This is because the new personnel require adiitional recrui＝ing and tこaining costs．The averaje cost of recruiting one person is $\$ 1,671$ according to the offices of こommander Navy Recruiting Command（CNRE）；the averaje cost to train an enlisted member in the Avionics Technican（AT）rating（＂boot canp＂．Aviation Fundamertals，Basic Electricity and Electronics，and＂A＂ schooi）is $\$ 22,688$ ；the average cost of $=$＝aining an officer （Officer Candidate School and Surfacき Warfare officer School）Es \＄20．789，oさ，£2ヒ a pilot．\＄159．794（Aviヨニ亡o』 Officer Candidate Schcol aュd heiミcopter pipeline flight training）．Even after the new member is recruited，trained， quili̇ied and ready to fill thi vacant billet，it is years too late．The Navy wili never achiəve or maintain the deṡred and necessary lミvきl of expertise and zeadiness if is continually losing experienced mỉdi三 managers and replacing them with raw recruits or Ezesh＂A＂school gradua亡es．

In addition to thi personnel and dollar costs of policies which fail to enhance retミntion，there is the moraie cost to be corsiヨəred．yany of those who remain are also likely to beunhappy ith the policies whizh conさri－ buted to the separation of their shipnates，to be
 productive than they couli be．Thミy are also likミly to resert the extra requirements laid on them，€．g．，extendial frequent deployments，frequent watこhきs，long shift houzs，$=0$ compensa亡e 三or the shoェtaje of persjanel．

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On the other hand，what are the costs of improving retention？We explore here the possiblacosts of improving the factors found to contribute to sミrvice couples＇deci－ sions to leave the service．

Co－location，and $=0-10=a t i o n$ in desirable billets， is a major issue with service こouples．What extra cost would be incurred if detailers wəre to spaz more tine and effort in attempting to locare career－enhañing billets for their consiituents in the same location as their spouse？what extia cost would be incurred if detailミこs from jifferent communiṫes would communizate and work together $=0$ co－locate constituents with different specialtias？The information on available billets in various locations is already available． The cost of studing it more thoroughly should be nil．

Another major factur in servic＠couple retention is avミミュabミ1ミty of childcare．The major problems are operating hours which do nct accommojate the working hours of mijita＝y meabers，and restrictions $\operatorname{m}$ n the aこceptance of infants （under 6 months cld）．As the members who need the childcaze services are paying custonきrs，increきsed operating hours （nights and weekends）and staff woula be paid for by those generating the increased requirements．Some zevision in the policy ard purpose of chilicare facilites could even elimi－ nate -he need Eor additional staff；Eor instance，childcare serv̇ces could be i̇mited to mỉi＝ary personncl vice civi－ lian $\in m p i o y e e s . ~$

A Ietention Essue that woula be expected to genezate dollar costs to the Navy is the poiizy on oayment of pSA and
 would result $=$ Inom authorizing ESA for service couple asmbers on PCS overseas duty or sea duty，but the total amount which mijht be paid during an avきrage enlisted memberj＇carヨer cioes not exceed the extensive こost $\partial E$ recruiting and t＝ȧning a replacement for him．For きxample，ヨssuming the
average enlisted person is assigned overseas, unaccompanied, for a two year tour once iuring his zareer, he wold draw an average FSA Pype $I$ of $\$ 3.344$ per year, or $\$ 6,688$ total for the tour. Also assuming that auring his 20 years he makes five deployments of eight months each, he would draw a total fSA Type II of $\$ 1,280$ at $\$ 32$ par month. In the aise of the average AT, this $\$ 7.968$ total compares favorably with the $\$ 24.359$ cost to replace hin. The sane cost savings applíes to the payment of the same BAQ rates (with deperdents) to menbers married to members as to members marriei to civilizns when on sea auty, or the authorization of with dependerts rates to both members of a service coupla who are supporting children fron marriages p:ior to their current one. The extra a mount of BAQ at the with dependents rate averages only about $\$ 90.21$ per month. This would amount to roughly $\$ 17.220$ adȧtional BAQ over 16 years ( 13 permitted unjer current policy) in a 20 year career.

The retertion of servire couples generates savings in other areas. pCS moves are an example. A service member typically is re-located refularly about every two of three years. Normally when there are two billets in an area which must be filled, two servize menbers and both of their famiLies and households are moved to fill them. However, if a service couple can fill =he two billats, only one family and ore household need to be moved. Alchough both members may be encitled to cheiz Eull inaividual wミight Ellowances, it is not likeiy that thei= householi goois would weifh more than those of a member mariiミd to a civilian. Therefore, the Navy can save the cost of one pCS पOVE, on the average $\$ 5,639$ for officers and $\$ 2,762$ for znlisted according to the curzent data base at op 13, in relozating a service couple vice a service member-civilian family.

Another＂savings＂to the government inherent in service couples is more difficult to ミstimate．Both mombers of a service couple serve the vavy in return for the pay． allowances and benefits which they reこきive．A こivilian
 the Navy＇s missicn in return for with deperients BAQ rates， meiical benefitts，exchaage and commissary privileges，mili－
 to support civilian＂depenients．＂

## B．RECOMMENDATI ONS

As retention rates have suzh serious impiications for military readiness and national def＝nse，the Eaこtors afミecting＝etention demani carəful consideration and acłion． the purpose of this study was to sinfle out areas which could be affectedin orjer to improve the retention of one sefment cf the Navy commuaity：servize couples．Based or the pzeceeding analysis and conclusions，the following recommen－ datシons 2 Ie offered．

## 1．Eersonnel policies

a．Policies affecting service souples，きs well as ali other militafy members，should bミ reveiwed and revised on a regular basis to ensure that chシy are：conprehensive， consistent，こlミaエy statea and ョasily interpretミd．all situ－ ations possible should be considered and cove＝ミミin wiiting．
 arḋzed Enterprėation ヨnj appiicarion oミ policy．policy appiicabie in various circumstances should be compared to ensure conṡstency and fairness in application．
b．personnel responsiole for inこerpreting and
admiristering policies should be equally familiar with the special provisions and location of policies pertaining to
service couples．Surveys should be aonducted at the local level to ensure standariization ani zonsistency of policy interpretation and application．
c．Service members marrieł to or contemplating marriage to other service $n$ embers should be provided infor－ mation and guidance relative to thei：special circumsiances， possible problems，entitlements，poliaies affecting them differently than other menbers，etこ．Ihis could be done via HRMC／D（Human Resouce Management こenters／Detachnents）brief－ ings or handouts providia by personaミ1 ard disbarsing offices．Articles should $\exists$ lso appear on a regular basis in

c．＂Hot lines＂could be established for the use of all servíce members to ansmer questions and explain personnel policies（e．g．，letailing）and pay policies（e．g．， BA2）when efforts to obtain satisfactory explanations or treatment at che local lミvel are unslccessful．The＂hot line＂offices shculd have 20 authority over local commands， but should only serveto refer concezned members to appro－ priate Iegulations or offices for assistance．The personnel manring the＂hot line＂shoula mȧntain a log on the nature of the questions and the command conこenned．Th三 log then could be revíewed to deternire problyn areas and／or commands which requize guidance．
e. Policy regariiag the detziling of service
couples should be clearly and こomprehersively stated and include the Eollowing：

1．Concurrent assignmeat to sea duty should not be permitted without the sonseat of both members of the service couple \｛regardiess of whethir or not th三y have chil－ dこer！．This would allon こュem to maintain a housenold arci mee亡 Eaṁly demands．

2．Efforts should be naie to co－locate service couples in career－enhancing billets in order to meet both the professional and personal needs $\operatorname{ff}$ these service menbers．Detailer department head こ̧view shouli be required in all cases where a service couple aan not be co－located within 50 miles of each other．

3．Detailers should be required to cooperate With each other and constituents as much as possible，and to present a professional attitude toward the couples＇requests for co－location．

4．Members whose specialties are not compatible for co－lccation should be encouraged to change their specialties in accordance with the nシeds of the Navy to improve career compatibility．

5．PRD＇s should be adjusted as much as possible within Navy requirements to reduce separations łue to pCS assignments．

## 2．Eay Rol

The military pay system，ia realiさy is not a
＂system＂at all but a collection of reguiations ana measures designed to resolve separate problems as they arose． Seemingly little thought or sudy ảs been given to the interrelations，zamifications or contradictions posed by those measures as they fit into the Jverall system．
a．The following＝ecommenaztions attenpt to allev－ iate some of the inconsistancies in th pay systen reganiing BA2．

1．the concept of BAQ shouid be EEvisea．Bad should be paid to all service rembers as ar allowance with which to secure housing ani should be regarded as an enti－ tlıment based soleiy on paygraie．Taz＂with－dependents＂ こate should be dispensed with along dith the concepe that BA2 is cnly paid as a compənsazion when housing is noz
provided．This revised $=0 n=e p t$ is more in line with civiiian pay practices．
Under this zonzept, BAQ would not be forfeited
 or utilization of housing．However，z fair market rental value should be charged for housing wh三n utilized，either by service members or their zivilian spouses（in their absencel．For example，a nemb civilian who ozcupies housing woulł こontinue $=0$ iraw BAQ． but would pay rent for the housing．A member of a seryice couple or sea duty would also zontina $=0$ draw bap as would the member－spouse even if he／she oここupied housing；that couple would also be charjed only th三 fair market rentỉ value for the housing，きven when the $n \equiv$ mber on s三a duty returns to shore duty．In short，the amount assessed for housing should be based on the worth $\partial f$ the housing and not on the mi三litary／Civilian status of thoccuparts．

The money saveł by not paying＂wi＝h dependents．＂ rates should be used 士0 iュニraase the basic BAQ for €veryonき anj to provide $B A Q$ to enlistec personnel in paysrade Eーム wieh over two years of service，viこき four yea＝s．

2．Shouid the＝ecommendztion to Ievise the concept of BAQ as explainz above be rejected，the following ait $\epsilon$ naṫve actions a工e resommendej。

Regardirg sea iury，serv：こミ couples should be entitled to the same total amount of bAQ between the two je them as a military member with a civilian 三porse，when eこther or both members of the serviこう couple is（are）or sea duty．Thet is，bcth couples should dependent（s）．This is bacause either こouple is likely to be mairtaining the same quality houshola 三shore for similar sized Eamii̇es．

Regari̇ng dependent chiliren of different marriages，when service couples are supportirg ahildren from more than one marriage in the same household，all of the children should be claimeł by one parent；thus the couple would receive one single BAQ and sne BAQ with dependents （provided they do not ozcupy government housingl．when one member is providing child support to chilaren of a previous marriage who reside with the ex－spouse，that menber should draw BAQ with dependents and his current spouse should ミlso draw BAQ with aependents $3 \cap$ behalf of the chilazen who reside with them（unless they resije in government qua＝－ ters）．This is necessary because the service couple is responsible for providing housing in two separate loceた̇ons． Menbers marriei to civilizns，who reside in governmert housing，shoula also r三ceive BAO with deperáarts for any children from a previous mareiage for whom they provide child support but ith whon thミy do not reside．

To be completely fair，cuese members deserve to工eこeミve two BA2＇s at the＇with aepeniョrts＂rate if they do not resicie in housing aad support chilazen E＝om j previous marriage in another household as well ミs children who 工esiaie in their own household．However，it is not reconnerded thet


 nized that they do not こovきr all possible siさuations or discrepancies．A thorough and axtensivミ analysis of pay polícies is zequired but is beycnd tiE scope of＝his stady． Such an analysis is recomnendeł for Eurther in－aepth zesearch．
b．FSA－Type I sholld be althoェizad for sezvice members sepazated frcm their spouses who are also servíce nembers when they are sepzrateł duミ to pCS assiynments ＂outsiae the U．S．oI in Alaska．＂rhis zequínes a change in
the wording of the regulation so that＂dependent（s）＂ includes active duty spousas in DoDpy，article 30302 and 30303.

FSA－Type II shoula be authorized for service members separatea from their spousas who are also servi̇ミ members when separated＂due to PCs，duty abjard a ship sr TDY．＂ Change the wording so that＂dependent（s）＂inclules active duty spouses in DODPM artizIE 3030t．

## 3．Childcars

a．Military childzare facilites should offer services 24 hoursa day，эrery day of the week．This includes＂drop－in＂servica for short notice military requirements．
b．Childcare farilities shoula accept ífants at the age at which the mother is requirea to return to work after maternity leave expires（（arrently four weeks）．
c．Military members，partizularly servíze couples，
 servants and civilan emplopees．When military nembers／ service couples require chilcacare，こiviliars curzer．til accommodiated shouia be＂banped＂ani olaced on a waiting 1ミち亡。
cu．Childcare faニilities／servizes should be enhanced to inclucie as many miiitary bases as possible，nore and better trained staff，safar and more＝omforさable fミcilities ani guided activities fo＝the chiliren．

E．Nevy maternity ieave shoula be extendミd $=0$ ミix weミks，comparable to Army aaternizy leave policy，to ensuze adequate recupezation and adjustment time for mothers before returning to full qilitary duties ：fef．10：p．8－3］．

As the number of service zouples grows and they Conprise a larger segment of the Navy population, factors influencing theif retentisa become i.acreaseingly important. This study has highlighted issues reported by service couples to affect their lifestyles alł career dミaisions. These should prove useful to makers of policy in focusing their efforts on areas aeziing attention.

# APPENDIX A <br> COVER LETTER AND SJRVEY 

## Dear Servicemember：

You have been randomly selectez $=0$ participate in the attached survey from an estimated 14,722 Navy perscnnel who are married to other active duty members．This survey will form the basis far a Naval Postqraduate School thesis on the Efiects of Personnel policies on the Retention of Service Couples．It is sponsoreł by the Navy Family Support program （NMPC－66）．The results $\partial \bar{E}$ the survey response analysis will be proviced to the appropriate offices and poliay makers in the Departement of the Navy．

To date，little to no Eesearch has been conducted in this area；therefore your completミł survey will make a significant contribution to the datz base on service members married to other members．yore importantly，your combined inputs could possibly chaaje th policies which affect you di上ect1y．

Timeiy return of the survey is inoortant to geet the scheduied completion date fcr thiミ rəsearch project．Please return the completad survey in the exclosed envelope by 7 October 1982．Your answərs will rənain confiaential as we do not ask Eor any identifying informȧion．

Thank you for your sooperation．
Milảy Blaha rixarbaugh
UT USN

Paul Noき1 Hixenbaugh乚T USN

REPORT CONTROL SYMBOL：OPNAV－7041－1（OT）

## SERVICE COUPLES SURVEY

1．Has your spouse $\in$ ver served on $\exists$ こちive duty？ （MARK ONLY ONE）
＿NO．STOR AND RETURN SURVEY
＿－Never marriad．STOP AND RETORN SURVEY
＿－No longer married but my previous spouse served／is serving on active juty．Ansuez the femainder of the survey as though you were still married．
＿－Yes，my spouse previously servad on active duty． ANSWER THE REMAINDER OF THE SJRVEY AS THOUGH YOUR SPOUSE GERE STIIL ON ACIIVE DUTY．
＿－Yes，my spouse ̇s こarェently ว a active duty．
2．In what service does（or did）your spouse last sezve？ （MARK ONLY ONE）
＿－Army
＿－Navy
＿－Aミ工 FOrさe
＿－Marine Corps
3．What is your sex？
＿＿iale
＿＿Female
4．What is your age？

5．What is the current aje of your spouse？

6．What do you consider to be your nain racial or ethric gIoup？（MARK ONLY ONE）
＿＿Afro－American／Black／Negro
＿＿Hispanic／Puerto Riこan／Mexican／こuban／Laさin／Chicano／ Other Spanish
＿＿Caucasian／White
－－other
7．What does your spouse consider his／her main racial or ethnic Group？（MARK ONLY ONE）
＿－Afro－American／Black／Negro
HEspanic／Puerto Rican／MExican／こuban／Latin／Chicano／ Other Spanish
＿＿Caucasian／White
＿＿other
8．Wha is your present pay grade？ （Eg．E5，01，w3，etこ．）
－－－－
If ar officer，what is your desijnator？
（Eg．1110．1310，etz．）

```
-- -- -- --
If enlistec̃, what is your ratiag?
```

(Eg. AD, SM, FTM, etc.)
-- -- --

9．What is the present（or last）pay grade of your spouse？
－－－
If your spouse is（wasl an officer，what is（was） his／her designator？
－－－－－－－－
If your spouse is（was）eniistả，what is（was）his／her rating／mos？

10．How mary years，to the nearest whole year，of active duty do you have to date？（Eg． $03,16, \epsilon \in c$.
－－－－
11．How many years，to the nearest whole year，of active duty does（or aid）your spouse have？

## －－

12．How many years，to the nearest whole year，have you been married to your current spouse？
-- --

13．When did your marriage to pour こurrent spouse occur？ （MARK ONLY ONE）
＿＿While both were on active duty
＿－I was on active juty but my spouse was not
＿My spouse was on active duty but I was not
＿－Neither of us was $2 a$ active duty
14．How many children do you and your surrent spouse have in your household？（INCLJDE PREGNANCY）Do not count chilater urder scmeone else＇s こustody．
－－－－
15．How many total years io you inten to remaia on active duty？（Eg．06，12，etこ．）
－－－－
＿＿＿－Urdecided
16．How many total years io $\operatorname{los}$ your sọouse intena to remain on active duty？
－－－－
－＿＿－Undeci ded
＿－＿－Not applicable．jpouse no longez on active duty or no longer marエiョd．

## -

17．Has either career been chosen by you and your spouse as the consistertly dominant one when it comes to detailing？（MARK ONLY JNE）
＿＿Yes，my career
＿＿Yes，my spouse＇s Career
＿－No
18．If your detailers have been askeł to accommodate your decision regarding the dominant career，do they do so？ （MARK ONLY ONE）
＿＿Yes，both detailers do
＿－No，my aetailer does not
＿No，my spouse＇s detziler does not
＿＿No，neither detailar doss
＿＿Not applicable．Detailers not asked to cooperate
19．How do you feel about your cureant assignnent？
（MARK ONE IN EACH COLUMN）
Location Billet

|  |  | Vきエy satisfied |
| :---: | :---: | :---: |
|  | －－ | Satisfied |
|  | －－ | No strong 亡̇ミelings |
|  |  | つissatisfiel |
|  | －－ | $V ミ$ ¢Y dissatisfied |

20．How does your spouse fael about his／her curran：（or last）assignment？
Location Billet

| －＿ |  | $V ə$ ¢y saこisfied |
| :---: | :---: | :---: |
|  | －－ | satisiied |
| －－ | －－ | No strong feelings |
|  | －－ | Dissatisfiei |
|  | －－ | ワきエy Dissatisfied |

21. Are (were) you and your spouse stationed within 50 miles of each other?
__ Yes
_- No, but with our ajreement
_- No, without our agreement
22. Have you and Your spouse hal difeiculties with personnel poiicies regarding service members married to other members?
__ No
__ Yes. PLEASE EXPLAIN $\qquad$
23. Do you feel that any changes should be made to personnel policies pertaining to service nきnbers married to members?
_- NO
_- Yes. PLEASE EXPLAIN $\qquad$
$\qquad$
$\qquad$
$\qquad$
24. Have you and you spouse experiənced a conflict between your careers?
_- No
__ IES. pLease explail $\qquad$
$\qquad$
$\qquad$
$\qquad$

25．If you answered＂yes＂to question 24，what is the probable result of your conflict of careers？
（MARK ONLY ONE）

```
We will both get out before retirement
```

I will get out before retirement
＿－My spouse will get out before retirement
＿－We will get divorceł
＿－We will put up wita physical separation in order to pursue our careers
＿－Not applicable．No＝onflict
26．What is the maximum langth in morths of separate geographic assignments which you and your spouse would accept before one of both of you decide to leave active duty？Do not include temporany i̇pioyments．
（Eq．09．24，ミtc．）
－－－－
27．Which of the following is of ことe greミtest importance when you are considering transfe：to a new assignment？ （MARR ONLY ONE）
＿＿Caエeez enhancing tour／billet
＿－Co－location with you＝spousa
＿Geographic location


28．Do you feel that curreat pay policies（Forfeiture or BaQ due to sea duty or housing，etc．l discriminate against you and your spouse as a service souple？
＿－No
＿－Yes．PLEASE EXPLAIN $\qquad$


29．Do you feel that any changes should be made to pay policies pertaining to service nembers married to other members？
＿－No
＿－Yes．PLEASE EXPLAIN



30．If you require chilacare，which of the following applies to your situation？（MARK ONLY JNE）
＿＿Childcare facilitiシs are available and satisfactory
＿＿Childcare is avȧlable but inazequate or inconveṅent
＿＿Chilicare is not ミvailable，ala this causes problems
＿－Childcare is not available，but this aoes not cause me any probiems
＿＿Not applicable．Do not require childcarミ
COMMENTS $\qquad$
$\qquad$
$\qquad$

31．What would have the greatest influence in making you leave the service prior to retirミment？
（RANK YOUR TOP THREE REASONS：1，2，3）
＿－Raising a family
＿＿Pay polícies
＿＿Better civilian job
＿－Personal preference
＿－Lccation of assignnents
＿－Separation from family
＿－Pressure from family to get دat
＿．D三sagree with personnel poliziョs
－－Reduction in military benefits
＿＿Onable to get assigned to th $=$ same location as spouse
＿－Unable to get assigaed to desirable billet in the same location as spouse
－－Passed over／cannot advance
＿－Petized
＿－Other．PIEASE EXPLAIN
32. What would have (or dia havel the greatest influence in making your spouse leave the service prior to
retirement?
(RANK HIS/HEF TOP THREE REASONS: 1, 2, 3)
Raising a family
Pay policies
Better civilian job
Personal creference
Location of assignaents
__ Separation from family
_- Pressure from family to get out
_- Ḋsagree with personnei poliaies
_- Reduction in military bミnefits
_- Unable to get assigned to the same location as spouse
Unable to get assigred to a desirable billet in the same location as spouse
__ Dassed over/cannot advance
_- Retired
Other. PLEASE EXPLAIN

END OF SURVEY. TAANK YOU

## APPENDIX B <br> data en Coding scaeme

The following is the encoding schミme used to transform the data from the returnea surveys to enable processing using the SPSS PROGRAM．

Each case uses two linəs．
THE FOLIOWING DATA IS ENCODED JN THE FIRST LINE：

## Columns 1－4：

indicates the number of the survey：0001－0821． Column 6：
1．Has your spouse ever servez on aこtive duty？
（MARK ONLY ONE）
（1）NO．STOP AND RETURN SURVEY
（2）Never married．STOP and RETURN SURVEY
（3）Nc longer married but my previous spouse served／is sezving on active iuty．Answer the remainder of the survey as though you were still married．

ANSWER THE REMAINDER OF THE SURVEY AS THOUGH YOUR SPOUSE WERE STIIL ON ACTIVE DJIY．
（5）I $\in$ ，my spouse is auraentiy on active duty．
（9）Missing
Column 8：
2．In what service does（or didi）your spouse last serve？
（MAKK ONLY ONE）
（1）Aェmy
（2）Navy
（3）Aこ＝FOICe
（4）MErine Corps
（5）Coast Guard


Column 10
3．What is your sex？
（0）Male
（1）Female
（9）Missing
Column 12－13：
4．What is your age？
－－－－
（77）Missing
Column 15－16；
5．What is the current aje of your spouse？
（77）Missing
Coixun 18：
6．What do you consider to be your pain racial or ethnic group？（MARK ONLY ONE）
（1）AEェo－American／Black／Negro
（2）Hispanic／Puerto Riaan／Mexican／Cuban／Latin／Chicano／ Other Spanish
（3）Caucasian／Whシ亡e
（4）other
（9）Mシssing
Columr 20：
7．What does your spouse consider his／her mėn racial or ethríc Group？（MARK ONLY ONE）
（1）A f＝o－American／Black／Negro
（2）Ḣspaṅc／Puerto Rミこan／Məxican／こuban／Laーin／Chicano／ 0才her Spanish
（3）Caucasian／White
（4）cther
（9）Missing

Columns 22-23: \&. What is your present pay grade?
(Eg. E5, 01, W3, etこ.1
$E 1=01$
$E 2=02$
E3 $=03$
$E 4=04$
$E 5=05$
$E 6=06$
E7=07
$E 8=08$
$E 9=09$
W $1=10$

- $2=11$

W $3=12$
W $4=13$
$01=14$
$02=15$
$03=16$
$04=17$
$05=18$
$06=19$
$07=20$
77=11issing
Columns 24-27:
If an officer, what is your designator?
(Eg. 1110, 1310, etこ.)
(77) Missing

Columns 29-32:
If enlisted, what is your ratiag?
(Eq. AD, SM, FTM, Etc.)
(77) Missing

Columns 34－35：
9．What is the present（or last）pay grade of your spouse？
－－－－
（Same coding as for question 8）
Coilumn 36－39：
If your spouse is（was）an officer，what is（was）
his／rer designator？
（77）Missing
Columns 41－44：
If your spouse is（was）$\in$ glisted，what is（was）his／her Iating／mos？
－－－－－
（77）Missing
Columns 45－46：
10．How many years，to the nearest wole year，วf active duty do you have to dże？（Eg．03，16，etc．l
－－－－
（77）missing
Columns 47－48：
11．How many yeais，to H he nearest whole year，of active dury does（ $0=$ diむ）your spouse havミ？
（77）M亡ssing
Columns 49－50：
12．How many years，to the neazest wavle year，have you been marェ̇ed to your current spouse？
－－－－
（77）Missing


Column 51：
13．When did your marriage to your curェent spouse occur？
（MARK ONLY ONE）
（1）While both were on active duty
（2）I was on active iuey but my spouse was not
（3）My spouse was on active duty but I was not
（4）Neither of us was on active duty
（9）Missing
Column 52：
14．How many children do you and your cureent spouse have in your household？（INCLJDE PREGNANこY）Do not count children under someone else＇s zustody．
（9）Missing
Columns 53－54：
15．How many total years jo you intend to remain on active duty？（Eg．06，12，きtこ．）
－－－－
（77）Missing
（88）Und ミcided
Columns 55－56：
16．How many total years does your spouse ineena to 工emain on active duty？
（77）Missing
（88）Undecized
（99）Not applicable．Spouse no longe＝on active iuty o＝ no longe＝married．

Column 57：
17．Has either career been chosen by you and your spouse as the consistentiy dominant one whon it comes to detailing？（MARK ONLY JNE）
（1）Y $\mathcal{E}$ ，$m y C a r \equiv e r$
（2）Yes，my spouse＇s career
（3） No
（9）Missing
Column 58：
18．If your detailers hav been askė to accommodate your decision regarding the dominant caェeer，do they do so？
（MARK ONLY ONE）
（1）Yes，both detailers do
（2）No，my de $a \underset{\text { Eler }}{ }$ does not
（3）No，my spouse＇s a
（4）No，neither detailer does
（5）Not applicable．Detailers not asked to cooperate
（9）MEssing
Columns 59－60：
19．How do you feel about your curaent assignment？
（MARK ONE IN EACH CJLUYN） Location Billet
（1）
（1）
VきIy satisfiきむ
（2）
（2）
Sまヒミーデミed
（3）
（3）No strong feelings
（4）
（4）
Dissaṫsfiミえ
（5）
（9）
（5）Very むissaたiミfied
（9）Missing


THE FOLLOWING DATA IS ENCODED IN ROW TWO：
Columns 1－2：
20．How does your spouse feel about his／her current（or iast）assignment？

Location Eillet
（1）
（1） Very satisfiきま
（2）
（2） sョセisfied
（3）
（3）
No strong fəelings
（4）
（4）Dissatisfieヨ
（5）
（5） Very Dissatisfied
（9）
（9）
yissing

Column 4：
21．Are（were）$y$ cu and your spouse stationed within 50 miles of each other？
（1）Yes
（2）No，but with our agreemミnt
（3）No，without our agreemeat
（9）MEssing
Column 6：
22．Have you and your spouse had difficulties with personnel poi̇cies regarding service members married to other members？
（1）No
（2）Yes．PIEASE EXPLAIN $\qquad$
（9）Mえssing

Column 8：
23．Do you feel that any changes sholld be made to personnel policies pertaining to service members married to members？
（1）No
（2）Yes．PLEASE EXPLAIN $\qquad$
（9）Missing
Column 10：
24．Have you and your spouse experieazed a conflict between your careers？
（1） NC
（2）Yes．please explain $\qquad$
（9）Missing
Column 12：
25．If you answered＂yes＂to question 24，what is the probabie resul $=$ of your confiict of careers？
（MARK ONLY ONE）
（1）We will both get out before Eミtirement
（2）I wïll get out before retirミment
（3）My spouse will get out before retizement
（4）we will get divorcea
（5）we will put up with physical 三əpaこatior in ordez＝o pursue our careers
（6）Not appiicable．No＝onilict
（7）Other
（9）Missing

# $=-2-8$ 

Columns 14-15:
26. What is the maximum leagth in moaths of separate geographic assignments which you and your spouse would accept before one of both of you decide to leave active duty? Do not include temporary deployments.
(Eg. 09. 24. etc.)
-- --
(77) Missing

Column 17:
27. Which of the following is of the greatest importance when you are considering transfez to a rew assignment?
(MARK ONLY ONE)
(1) Career $\in n$ hancing tour/billet
(2) Co-locaticn with your spouse
(3) Geographic location
(4) other. PLEASE EXPLAIN $\qquad$
(9) :1̇ssing

Column 19:
28. Do you feel that current pay polizies (Forfeiture of BA? due to sea duty or housing, etc.l discriminare against you and your spouse as a service couple?
(1) No
(2) Yes. PLEaSE EXPLAIV $\qquad$
$\qquad$

(9) Missing


Column 21：
29．Do you feel that any changes should be made to pay policies pertaining to seryice menbers married to other $m \in m b \in r s ?$
（1）No
（2）Yes．PLEASE EXPLAIN
（9）Missing
Column 23：
30．If you require chilacare，which of the following applies to your situatior？（MARK ONLY JNE）
（1）Childcare facilitiシs are available and satisfactory
（2）Childcare is available but inảEquate or inconverient
（3）Childcare is not available，anヨ this causes problems
（4）Childcare is not available，bit this does not cause me any problems
（5）Not applicable．Do aot require childcare
（9）M $\operatorname{Missing}$
COMMENTS $\qquad$

THE FOLLONING REMARKS APRLY TO BOTH 2UESTION 31 and 32： The following are ranked 1，2，3，orcoded 0 unmarked．Four if markミd but not zanked，ani 9 if none marked for the entire question．

31．What would have the greatest influence in aaking you
leave the service prior to retirement？
（RANK YOUR TOR THREE REASONS：1，2，3）
Column 25：
＿＿Raising a family
Column 26：
＿－Pay policies
Column 27：
＿－Better aivilian job
Column 28：
＿－Personal preference
Column 29：
＿－Lccation of assignnents
Column 30：
＿－Separation from Eanily
Column 31：
－－Pressure from family to get olt
Column 32：
－＿Disagree with persoanel poliaies
Column 33：
＿＿Reduction in miiitary benefiたs
Column 34：
＿＿Unable to gė assigned to the same location as spouse Column 35：
＿＿Urable to get assigned to desirable billet in the same location as spouse
Column 36：
＿－Passed over／cannot advance
Column 37：
－－Rย亡iエed
Column 38：
－－Other．PLEASE EXPIAIN


32．What would have（or dił have）the greatest influence in making your spouse leave the service prior to retircment？
（RANK HIS／HER TOP THREE REASONS：1，2，3）
Column 40：
＿－Raising a family

## Column 41：

＿－Pay policies
Column 42：
＿－Better civilian job
Column 43：
＿－Personal preference
Column 44：
＿－Lccation of assignments
Column 45：
＿＿Separation from family
Column 46：
＿－Pressure from family to get out
Column 47：
＿－Disagree with personnel poliこiヨs
Column 48 ：
＿＿Reduction in military bミnefits
Column 49：
＿＿Urable to get assigneã to the same location as spouse
Column 50：
 seme location as spouse
Column 51：
＿－Passed̃ over／canno：advance
Column 52：
－－Rもなミこモd
Column 53：
＿－Other．PLEASE EXPLAIN＿

## APPENDIX C SURVEY RESPONSE DATA

$0001 \quad 5 \quad 3 \quad 1 \quad 32 \quad 36 \quad 3 \quad 3 \quad 161100$ $17 \quad 99$ 0814041120202111$11 \begin{array}{llllllllllll}1 & 1 & 1 & 1 & 6 & 09 & 2 & 2 & 2 & 1 & 00000200010300 \quad 00210003000000\end{array}$$0002521212233043100 \quad Y N 041100 \quad M S 0203011088883522$$24222225512122500000000000100 \quad 00000000010000$$00035121253233151615 \quad 151530 \quad 0310021020203511$$\begin{array}{lllllllllllll}54 & 1 & 1 & 1 & 1 & 6 & 36 & 2 & 1 & 1 & 5 & 20 & 00000030100 \quad 00000000013200\end{array}$$00345212333133161105 \quad 07 \quad$ RM0313021020201513
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YN 04
YNO 103011088883522

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MS $02 \quad 050101011088881534$
$331 \begin{array}{lllllllllllll}3 & 2 & 1 & 6 & 09 & 2 & 2 & 5 & 1 J 0300000200 J 0 & 20000100030000\end{array}$
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Y N 06
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\(0336522128 \quad 2631305 \quad Y N 05 \quad\) TM0707071020202111

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\(0339522124 \quad 323304\) HM 05 HMO314021088203111
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 \(035452212127 \quad 3 \quad 303 \quad Y N 06 \quad A C 0210043088202111\) \(11 \begin{array}{llllllllllll}1 & 2 & 2 & 1 & 6 & 24 & 2 & 1 & 1 & 5 & 3 J J 00100020000 & 00300100020000\end{array}\) 0355520440273306 AO 05 AC1207031020201544
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0435
2N O4
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\section*{-}
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 \(\begin{array}{lllllllllll}0480 & 5 & 2 & 1 & 35 & 29 & 4 & 4 & 172105 & 172100 & 0305043005083122\end{array}\)
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AW 1120011020302114

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\(061252120271104 \quad Y N 04 \quad\) DP0305011088882533 331112220621150330000001020000300000020100 061352125233303 SN 05 IMTO105011088203511 \(\begin{array}{llllllllllllllll}22 & 1 & 1 & 1 & 1 & 6 & 12 & 2 & 1 & 1 & 5 & 03 & 00000010000 & 00000002310000\end{array}\) \(\begin{array}{lllllllllll}0614 & 5 & 2 & 1 & 20 & 21 & 3 & 3 & 03 & \text { HM } 03 & H M O 302011088883122\end{array}\) \(\begin{array}{llllllllllll}22 & 1 & 2 & 2 & 1 & 6 & 03 & 2 & 1 & 1 & 5 & 30200000010050 \quad 00200000010300\end{array}\) \(\begin{array}{lllllllll}0615 & 5 & 2 & 1 & 23 & 27 & 3 & 3 & 03\end{array}\)

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DPO207011188882131

061652130313306 NC 05 AW१0つЭコ71288233231
\(\begin{array}{llllllllllllll}54 & 1 & 2 & 2 & 1 & 6 & 12 & 2 & 2 & 2 & 1 & 1300000002 J 050 & 03100002000000\end{array}\)
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\(0634 \quad 5 \quad 21262711162905\) 151390 0303011188202314\(\begin{array}{lllllllllllll}31 & 2 & 1 & 1 & 2 & 2 & 01 & 1 & 1 & 1 & 4 & 0010002030000010000200030000\end{array}\)\(063552025214302 \quad\) M O 04 BM0408011008043535\(\begin{array}{llllllllllllll}55 & 1 & 1 & 2 & 1 & 6 & 06 & 2 & 2 & 5 & 4400040000003044000400000000\end{array}\)\(06365212623313152305 \quad 141160 \quad 0201011088883512\)\(\begin{array}{llllllllllllll}12 & 1 & 1 & 2 & 2 & 6 & 03 & 2 & 1 & 1 & 0 & 0 & 00200010300 & 00000300210000\end{array}\)\(063754143033313172900 \quad 11 \quad 77 \quad 1113011020203231\)\(\begin{array}{llllllllllllllll}32 & 1 & 2 & 1 & 2 & 5 & 12 & 2 & 2 & 9 & 5 & 0 & 010200030000 & 00010003020000\end{array}\)\(0638 \quad 54132 \quad 274305 \quad A K \quad 05 \quad 770408021188302523\)\(\begin{array}{lllllllllllll}23 & 1 & 1 & 1 & 1 & 6 & 00 & 2 & 1 & 2 & 1 & 003000000100 J 0 & 00000000010000\end{array}\)
063952122253304 TMT 05 MTO4J+J11188883522
\(\begin{array}{lllllllllllll}24 & 1 & 1 & 1 & 1 & 6 & 77 & 2 & 2 & 2 & 1 & 30 & 20100000 J J J \\ 30200100000000\end{array}\)
064052123293304 วT 0 0 OTO 305011088883142

\(\begin{array}{lllllllll}0641 & 5 & 2 & 1 & 28 & 27 & 1 & 1 & 05\end{array}\) ..... EM 04
AEE060' 331920889522\(99 \quad 9 \quad 9 \quad 2 \quad 2427712195001300020000009999999999999\)
\(\begin{array}{lllllllll}0642 & 5 & 2 & 0 & 28 & 28 & 3 & 3 & 07\end{array}\) RM 05 ..... RM101J091220993424
\(\begin{array}{lllllllllll}55 & 3 & 2 & 2 & 2 & 4 & 12 & 1 & 2 & 2 & 2\end{array}\) 00000000203100\(\begin{array}{lllllllll}0643 & 5 & 2 & 22 & 24 & 3 & 04\end{array}\)YN 04AG0405021006882232221111116000311152130000000000002310000000000
064452021223304 ..... CTT 04
CTRO4J't 011188061111
1 \(1 \quad 1 \quad 1 \quad 1 \quad 1 \quad 6 \quad 06 \quad 2115\) \(03+00400003430\)\(\begin{array}{lllllllll}0645 & 5 & 2 & 1 & 22 & 29 & 3 & 3 & 04\end{array}\)
AZ 05
ASE0309011088202522\(\begin{array}{lllllllllllll}22 & 1 & 1 & 1 & 2 & 2 & 18 & 2 & 1 & 1 & 5 & 2 J 00000031 J 000 & 99999999999999\end{array}\)

\(\begin{array}{lllllllll}0646 & 5 & 2 & 1 & 23 & 28 & 3 & 3 & 04\end{array}\)
AK 06
AT0407021004202215 \(\begin{array}{llllllllllllll}11 & 1 & 2 & 2 & 2 & 2 & 06 & 2 & 2 & 2 & 10000200000003 & 99999999999999\end{array}\) 0647520220223105 HM 03 HM0602021088041542 \(4512222400 \quad 222250013020000000002003100000000\) \(0648521262933161145 \quad 151140 \quad 0305021188202115\) \(\begin{array}{lllllllllllll}11 & 1 & 2 & 1 & 1 & 6 & 00 & 2 & 1 & 1 & 5 & 10000300020000 & 00120000000000\end{array}\) \(06495221323033171100 \quad 151510 \quad 0938071020202512\) \(\begin{array}{llllllllllllll}12 & 1 & 2 & 2 & 1 & 6 & 12 & 2 & 2 & 2 & 5 & 0 J J 00200013010 & 00302000000100\end{array}\) \(\begin{array}{lllllllll}0650 & 5 & 2 & 1 & 27 & 27 & 3 & 3 & 06\end{array}\)

Y N 05
PH09コэコ 91212882112
 \(06513203523313141160 \quad 05\) Y N 1604011030881151 \(\begin{array}{lllllllllllll}12 & 1 & 1 & 1 & 2 & 4 & 06 & 1 & 1 & 1 & 5 & 00000000000213 & 99999999999999\end{array}\) 0652522023223304 EN 03 PNO 303011004041122
 065352021213303 AK 03 AKO202034020201511 \(\begin{array}{lllllllllllll}11 & 1 & 2 & 2 & 1 & 3 & 12 & 1 & 1 & 1 & 5 & 00003200010000 & 00004200010000\end{array}\) 0654522121223304 CTO \(04 \quad\) CTTO404011004043549 491111124000.411150310000020000002300100000000 \(\begin{array}{lllllllllll}0655 & 5 & 5 & 1 & 25 & 26 & 3 & 3 & 162905 & 15 & 77\end{array}\) \(\begin{array}{lllllllllllll}11 & 1 & 2 & 2 & 2 & 2 & 77 & 2 & 1 & 1 & 5 & 00 コ 00203010000 \quad 00320001000000\end{array}\) \(06565212933313152202 \quad 1731 \jmath 0 \quad 0211054088882133\)

 \(\begin{array}{lllllllllllll}32 & 1 & 1 & 1 & 1 & 6 & 12 & 2 & 2 & 1 & 2 & 3 J J 000000120 J J & 00000300012000\end{array}\)
 \begin{tabular}{llllllllllll}
12 & 1 & 1 & 9 & 1 & 5 & 12 & 2 & 2 & 2 & 5 & 0 \\
\hline
\end{tabular} \(00300012000 \quad 00320010000000\) \(065942123 \quad 2431305 \quad\) DP \(04 \quad\) FSO4JłJ21088992222 42122212103131250310020030000000000203010000 \(\begin{array}{llllllllllll}0650 & 5 & 2 & 0 & 27 & 25 & 3 & 3 & 05 & \text { CTM } 05 & \text { CTMOTO3051088883925 }\end{array}\) \(\begin{array}{lllllllllllllll}14 & 1 & 1 & 2 & 1 & 6 & 12 & 2 & 2 & 1 & 5 & 00002000100300 & 00000000320100\end{array}\) 0651520272531305 SK 05 DT04J5031120201411 \(\begin{array}{lllllllllllll}11 & 1 & 2 & 2 & 1 & 6 & 00 & 2 & 1 & 1 & 1 & 00000400044000 & 00000400044000\end{array}\) \(\begin{array}{lllllllll}066 & 4 & 4 & 1 & 24 & 24 & 3 & 3 & 04\end{array}\) TD 04

ADO 307063188993522 \(\begin{array}{llllllllllll}25 & 1 & 2 & 2 & 1 & 6 & 77 & 1 & 2 & 2 & 2 & 00100300200000\end{array} 00100302000000\) 065352026193306
 0664522022231104 AMS 03 HT040t011188101325 \(\begin{array}{llllllllllllll}25 & 1 & 1 & 2 & 2 & 3 & 06 & 2 & 2 & 2 & 2 & 23 & 00300010000 & 10000200030000\end{array}\) \(\begin{array}{lllllllllll}0655 & 4 & 2 & 1 & 22 & 25 & 3 & 3 & 05 & D P & 04\end{array}\) \(44 \quad 1 \quad 1 \quad 1 \quad 1 \quad 4 \quad 77 \quad 4 \quad 2 \quad 2503210000000000 \quad 01230000000000\) \(\begin{array}{lllllllll}066 & 5 & 2 & 1 & 26 & 23 & 3 & 3 & 03\end{array}\)

PH 03
卫HO 202011005053532 \(321 \begin{array}{lllllllllllll}3 & 1 & 1 & 1 & 06 & 2 & 1 & 5 & 3 J 320000010000 & 00300002010000\end{array}\) \(\begin{array}{lllllllllll}0657 & 5 & 2 & 1 & 27 & 28 & 3 & 3 & 161105 & 16 & 77\end{array} 0404031020043111\) \(\begin{array}{llllllllllllll}33 & 1 & 2 & 2 & 1 & 6 & 02 & 2 & 2 & 2 & 5 & 00300001000 \quad 00310200000000\end{array}\) \(\begin{array}{lllllllllll}0658 & 5 & 2 & 1 & 24 & 26 & 3 & 3 & 151105 & 151110 & 0204021120203112\end{array}\) \(\begin{array}{llllllllllll}11 & 1 & 2 & 2 & 2 & 2 & 24 & 2 & 1 & 3 & 00100200003100 \quad 00003200000100\end{array}\) \(065932062220 \quad 3 \quad 305 \quad 7703 \quad\) PNO 302011020042122 \(\begin{array}{lllllllllllllllll}33 & 1 & 1 & 2 & 2 & 4 & 02 & 2 & 1 & 1 & 5 & 00 J 00120300000 & 00012000000300\end{array}\) 06705221193233103 CTO 06 CTRO113011004202135 \(3511 \begin{array}{lllllllllllll}3 & 1 & 2 & 2 & 06 & 2 & 2 & 5 & 23000100000050 & 03000100020000\end{array}\) 0671522032253307 YN 07 SH1408321120203123 \(2311 \begin{array}{lllllllllllll}23 & 1 & 1 & 6 & 12 & 2 & 2 & 5 & 010030002000) 0 & 12000000300000\end{array}\) 067252123223305 PR 05 ATO60う341088881111 \(\begin{array}{llllllllllllllll}14 & 1 & 1 & 2 & 2 & 3 & 12 & 2 & 1 & 2 & 5 & 02 J 000000130 J J & 02000000013000\end{array}\) \(\begin{array}{llllllllll}0673 & 5 & 2 & 1 & 28 & 26 & 3 & 3 & 151105 & 151165\end{array} 0404031188042512\) 1411112230031121320030000000000003102000000 \(06745220322933161610 \quad 151100 \quad 0705051120201111\) 1312221600622240000020031003000000300210000 067552122223303 YN 05 ADO30j021088883599 \(\begin{array}{lllllllllllll}55 & 1 & 1 & 2 & 1 & 6 & 06 & 4 & 2 & 2 & 5 & 00000100002300 & 00200000001300\end{array}\) \(067652203230313173100 \quad 151100 \quad 1003061020883111\) \(\begin{array}{lllllllllllll}12 & 1 & 2 & 2 & 2 & 6 & 12 & 2 & 2 & 5 & 03300100002000 & 00320000001000\end{array}\) \(\begin{array}{llllllllllll}0677 & 5 & 4 & 1 & 28 & 34 & 3 & 3 & 162900 & 17 & 77 & 0412031188202111\end{array}\) \(\begin{array}{lllllllllllllllll}11 & 1 & 1 & 1 & 2 & 9 & 77 & 2 & 2 & 2 & 2 & 0300210030 コ コ 0 & 00010302000000\end{array}\) \(06785220343043161310 \quad 172900 \quad 1110031011203525\) 1212221600922250000000000010030000100002000 067952121213305 TD 05 TDO303021088883134 44122221010622250330000001020000000302010000 \(\begin{array}{lllllllllll}0680 & 5 & 2 & 1 & 29 & 32 & 3 & 3 & 172105 & 17 & 77\end{array} 0477011020203112\)


068234120219304 CTO 04 . 770203021088993533
\(2211 \begin{array}{lllllllllllll}2 & 1 & 1 & 6 & 77 & 1 & 1 & 1 & 5 & 05310020000050 & 99999999999999\end{array}\)
068352037303307 CTM 05 CTO2003061088881111 \(\begin{array}{lllllllllllllll}12 & 1 & 1 & 1 & 1 & 6 & 06 & 2 & 2 & 1 & 5 & 0000000 & 03120) 0 & 00000000210300\end{array}\) \(068451212628 \quad 3 \quad 3162900 \quad 161325 \quad 0404031088883111\) \(\begin{array}{lllllllllllllll}11 & 1 & 1 & 1 & 2 & 5 & 12 & 1 & 2 & 2 & 5 & 00010000302000 & 00010000302000\end{array}\) \(0685 \begin{array}{llllllllll}5 & 2 & 1 & 22 & 26 & 3 & 3 & 05 & \text { EM } 05 & \text { EMO404021008082444 }\end{array}\) \(\begin{array}{lllllllllllll}34 & 1 & 2 & 2 & 2 & 1 & 00 & 2 & 2 & 2 & 5 & 203 & 3000001 J J J J\end{array} 00230100000000\) \(\begin{array}{lllllllllll}0686 & 5 & 2 & 1 & 32 & 30 & 3 & 3 & 161100 & 151110 & 0803041120203122\end{array}\) \(\begin{array}{llllllllllllll}22 & 1 & 2 & 2 & 2 & 6 & 03 & 1 & 2 & 2 & 3 & 10300000200000 & 00000003002100\end{array}\) \(0687521383833162900 \quad 182900 \quad 0915141288883522\) \(\begin{array}{llllllllllllll}11 & 1 & 2 & 2 & 2 & 2 & 12 & 2 & 2 & 200000000321 J 0 & 00000300020100\end{array}\) \(063852121213303 \quad 7705\) TM0203011004053544 \(3311 \begin{array}{llllllllllllll}3 & 2 & 2 & 4 & 00 & 4 & 1 & 1 & 5 & 20130000000000 & 00000000000001\end{array}\) \(068942023243105 \quad Y N 05 \quad 19040 う 021220203131\) \(3111 \begin{array}{lllllllllll} & 1 & 1 & 1 & 6 & 06 & 1 & 1 & 1 & 1 & 00200100300000 \\ 000002100300000\end{array}\) \(06905200283433161110 \quad 171100 \quad 0711311088203113\) \(\begin{array}{lllllllllllll}13 & 1 & 2 & 2 & 1 & 6 & 06 & 2 & 2 & 5 & 03000000010200 & 00000002003100\end{array}\) 069152028232306 DTG 05 DTG1005031020051322
 \(06925211312933172905 \quad 152305 \quad 0803021108882514\) \(\begin{array}{lllllllllllll}22 & 1 & 1 & 1 & 2 & 2 & 04 & 2 & 1 & 1 & 5 & 20500000010000 & 02001000000000\end{array}\) 063352028293106 DS 05 CTM100ラ021020883123 \(\begin{array}{lllllllllllll}24 & 1 & 2 & 2 & 2 & 3 & 12 & 2 & 2 & 2 & 5 & 01300000020000 & 01300000002000\end{array}\) 069452029233106 AK 05 AK1103011020881514 \(\begin{array}{lllllllllllll}12 & 3 & 1 & 2 & 1 & 5 & 00 & 2 & 2 & 2 & 5 & 02003000010000 & 03200000010000\end{array}\)

 \(\begin{array}{lllllllllll}0696 & 5 & 2 & 1 & 35 & 47 & 3 & 3 & 172900 & 192300 & 1430031019883142\end{array}\) \(\begin{array}{lllllllllllll}11 & 1 & 1 & 1 & 1 & 6 & 06 & 2 & 1 & 1 & 5 & 0 J J 00100032 J 00 & 00010200030000\end{array}\) \(06975220283133172100 \quad 172105 \quad 0607341188881111\) \(\begin{array}{lllllllllllll}14 & 1 & 1 & 2 & 1 & 5 & 01 & 2 & 1 & 1 & 3 & 0000300002010010000000020300\end{array}\) 069852121233304 TMT O4 TMTO3J7011104113554


 \(0734522027 \quad 2633151325 \quad 131515 \quad 0404031120881121\) 23111122300621121030000032000010020000030000 \(07354200283333161395 \quad 151105 \quad 0407031188991511\) \(\begin{array}{lllllllllllllll}21 & 1 & 1 & 1 & 1 & 6 & 06 & 2 & 1 & 1 & 5 & 33 J 00200010000 & 00000000010000\end{array}\) \(0736522124323205 \quad D P 05 \quad D P 0605021088881513\)
 073752025233305 EW 05 CTTO655051088883222 1231224424111150032000001000000021000030000 0738520242031305 PH 03 FNO6J2022083881522
 \(\begin{array}{llllllllll}0739 & 5 & 2 & 0 & 35 & 35 & 3 & 3 & 172300 & 18 \\ 77 & 1113091120203511\end{array}\) \(\begin{array}{lllllllllllll}11 & 1 & 1 & 2 & 1 & 6 & 00 & 2 & 1 & 1 & 1 & 0 J 500103020000 & 00000103020000\end{array}\) \(\begin{array}{lllllllllll}0740 & 5 & 2 & 1 & 24 & 30 & 3 & 3 & 151105 & 151155 & 0212011088202421\end{array}\) 21111122205221250001003020000000100200300000 \(0741 \begin{array}{lllllllllll}5 & 2 & 1 & 27 & 37 & 3 & 3 & 04 & C T A & 08 & C T R O 32 J 021403882122\end{array}\)
 \(074252203422313161315 \quad 04 \quad 771104011020201111\) \(\begin{array}{lllllllllllll}13 & 1 & 1 & 1 & 1 & 6 & 02 & 2 & 1 & 1 & 5 & 0 J 000100000030 \quad 00000100000000\end{array}\) \(074352063228313162500 \quad 162505 \quad 0732044088883512\) \(11 \begin{array}{lllllllllllll}11 & 1 & 2 & 2 & 6 & 06 & 2 & 2 & 2 & 500000020100 J J & 03002000010000\end{array}\) \(074451213037 \quad 3 \quad 3162200 \quad 172200 \quad 0437344088883111\) \(1112221612221513000000020030 \quad 23000000010000\) \(0745522029831616120 \quad 152900 \quad 0707531188881131\) \(\begin{array}{llllllllllllllll}32 & 1 & 1 & 9 & 1 & 6 & 01 & 4 & 1 & 2 & 2 & 0 J 3102000000 J 0 & 30020000010000\end{array}\) \(07463202422313151170 \quad 141100 \quad 0200012004991512\) 44111112412311150021030000000099999999999999 \(\begin{array}{llllllllllll}0747 & 5 & 5 & 1 & 27 & 35 & 3 & 3 & 162905 & 12 & 77 & 0315011003203551\end{array}\) \(\begin{array}{llllllllllllll}11 & 3 & 2 & 2 & 1 & 6 & 00 & 2 & 1 & 1 & 5 & 03300100023000 & 00000100023000\end{array}\) \(\begin{array}{llllllllll}0748 & 5 & 2 & 0 & 32 & 32 & 3 & 3 & 162305 & 172900\end{array} 0810061089203494\)
 \(074952130272306 \quad Y N 07 \quad\) AMH1911101288202115 \(11 \begin{array}{lllllllllll}1 & 2 & 2 & 2 & 2 & 00 & 2 & 2 & 20000000030 & 0 & 2000100300000\end{array}\) 075052124413305 AG 08 AG0423031006302511 \(\begin{array}{lllllllllllllll}14 & 1 & 1 & 1 & 1 & 6 & 01 & 2 & 1 & 1 & 5 & 03230000010010 & 00000000000001\end{array}\)


075152122233305 AK O4 AMHO4O4031120203112 121.11160612120100000020300001000000203000 075252030263306 AX 04 AT0702011088883422 35122160021150000000032001003200000050001 075342026223305 כs 03

DT0804031114992532 32111160239950030010020000010000002000300 0754520302833161110 \(152 \ni 05\)

0804031188881142 15122160822250300023001000020000000013000 \(075552121353304 \quad\) DP \(04 \quad\) MS0307031020881511 551111163631252300000010000000013002000000 07565213439331729001761201122051388882152 11111220632111000300000023000100000300020 \(0757521293033162903151320 \quad 0603041120202511\) 12122220421240000010020300000000000103200 \(0758520312933171110 \quad 162900 \quad 0803082020883511\) 12112160622152000000001303020000300010000 07595212634331411051411750214011020302211 11122160622253000000001020000000000310200 \(07504203124331621 J J \quad 04\) нм0306011107991541 31111167729120100320000000012030000000000 \(0751320282833161310151100 \quad 0505031088883111\) 99112167722250044000000000 99999999999999 075252028203307 EM 04 PN1102J21188881215 12129230622210300020000103003000200001000 07535213232331729301711101112071188882342 15222210622223000000001203000000200013000 075442021243304 CTM 34 CTM0302011006993421 \(551112160521150000000004000 \downarrow 20040004000000\) \(075542028283216111 〕 16770606021030991311\) 54322231211250010020000030000030002010000 075652034283306 ET 05 RM1610021020203141 \(\begin{array}{lllllllllll}54 & 1 & 2 & 2 & 1 & 6 & 06 & 2 & 2 & 5 & 00000100320000 \\ 00030100020000\end{array}\) \(075752133343307 \quad J 007 \quad A x 1615101020203911\) 11229291299150100000020303001000000203000 075853034253307 yA 16771502011020021422
52322230022250200010030003000000103020000
075952123301105 RM 05
DP0510011220203122
22112161222220000040044000004000400400000
077052024313305 Er 05 RM0504011006043242
41122210622252010030000000010000200300000
077154125193304 EM 02770401012005041959
22119160032250010030200000010230000000000
077252124233305 AT 05 ATO505031120202531
3112216062222230000001000023000000010000
\(077352120223377 \quad 7705\) AMEO204011177882549
43111160642121000000000000013000000002000
07745213438331729001723001020021020881111
\(\begin{array}{llllllllllll}14 & 1 & 1 & 1 & 1 & 6 & 03 & 1 & 1 & 1 & 50000000312030 & 00000000312000\end{array}\)
077552023231203 PN 05 PNO304031288041531
41312230111211200300000000010000003020000
077652025263305 CTT 05 CTT0305011088881522
22111160621150020001000033000200300000001
0777520243303 CRR 03 CTTO202011005043352
52312160021150003020001000000030200010000
\(0778520293011161110 \quad 172500 \quad 0605021088881212\)
13112210942250000010023000000000100320000
077952024231105 DT 04 HM0604021120203341
55112161222920000010020030000000200310000
\(0780320343033161110 \quad 151110 \quad 1405021120881311\)
22122251212220010200000300000001300002000
078154124223305 AG 35 770404021004043122
22122160021150032000100000000320001000000
078252123241104 SK 03 ENO305011003883555
44321220822250000310002000000001200000300
\(0783520302733161323151100 \quad 0805031020203131\)
\(\begin{array}{llllllllllll}22 & 1 & 2 & 2 & 2 & 5 & 12 & 4 & 1 & 1 & 50000000301200 & 00000000012003\end{array}\)
073452119203303 YN 03 E00101011104883533
22111161211151002030000003020130000000000
078552027243306 AMS 04 सM1107031030203555
55112242422250100000020303003000000210000


0786522121263305 ASE 05 AMHO 304021006883122
\(\begin{array}{lllllllllllllll}51 & 1 & 1 & 2 & 2 & 4 & 12 & 2 & 1 & 1 & 5 & 01002030000000 & 01200000300000\end{array}\)
\(078751202927 \quad 3 \quad 3162105 \quad 152905 \quad 0304011088061122\) \(\begin{array}{lllllllllllll}22 & 1 & 2 & 2 & 9 & 9 & 01 & 2 & 2 & 2 & 5 & 05003000021000 & 20000000301000\end{array}\) \(07983 \begin{array}{llllllllll} & 3 & 0 & 26 & 29 & 3 & 04 & \text { CTT } & \text { O4 MO210011020993511 }\end{array}\) \(\begin{array}{lllllllllllll}11 & 1 & 9 & 9 & 1 & 6 & 04 & 1 & 9 & 9 & 5 & 300010000030 J & 99999999999999\end{array}\) 078952125213305 GM 03 HMO703011120073525 \(\begin{array}{lllllllllllll}35 & 1 & 2 & 2 & 2 & 5 & 77 & 1 & 1 & 1 & 1 & 0120000030000010020000000003\end{array}\)
 \(421 \begin{array}{lllllllllllll} & 1 & 2 & 1 & 6 & 01 & 2 & 1 & 1 & 5 & 3 J J 00200010030 & 30000200010000\end{array}\) \(0791321130333305 \quad\) PN \(05 \quad\) ATO312053188202522 \(\begin{array}{llllllllllllllll}24 & 2 & 1 & 2 & 1 & 6 & 77 & 1 & 1 & 2 & 2 & 03300000100200 & 00000100200300\end{array}\) 0792512135291104 DTG 05 DTP0505041388882192 \(921 \begin{array}{llllllllllllll} & 1 & 2 & 1 & 6 & 12 & 2 & 2 & 1 & 1 & 00 コ 00000310230 & 00000200010030\end{array}\) \(079351213527 \quad 3 \quad 3172905 \quad 152305 \quad 0405011104882555\) \(\begin{array}{lllllllllllll}55 & 1 & 1 & 9 & 1 & 6 & 77 & 2 & 9 & 9 & 2 & 1 J J 00200030030 & 00100200030000\end{array}\) \(0794521232131304 \quad\) HM 04 HMO302011088882542 \(\begin{array}{lllllllllllll}51 & 1 & 1 & 1 & 1 & 6 & 77 & 2 & 1 & 1 & 5 & 00300200010000 & 00100000300200\end{array}\) \(079552004539313172900 \quad 182100 \quad 1510031020203514\) 1212221600622150000030021000000000320010000 \(07965202523 \quad 3 \quad 305\) STG 05 PN0505031188091322 \(\begin{array}{llllllllllllllll}22 & 1 & 1 & 2 & 1 & 6 & 02 & 2 & 2 & 2 & 5 & 0 & 230100000000 & 30000200001000\end{array}\) \(0797 \begin{array}{llllllllll}5 & 2 & 0 & 26 & 30 & 3 & 3 & 05 & H M & 05\end{array}\) HMOTOBO21188881232 \(991 \begin{array}{lllllllllllllll} & 1 & 2 & 1 & 6 & 12 & 2 & 2 & 2 & 03300100020030 & 00300200010000\end{array}\) \(\begin{array}{lllllllllll}0798 & 5 & 2 & 0 & 27 & 27 & 3 & 3 & 04 & 45 & 03\end{array}\) \(\begin{array}{lllllllllllll}22 & 3 & 2 & 2 & 1 & 6 & 06 & 2 & 1 & 1 & 2 & 30000200010050 & 30000200010000\end{array}\)
 \(\begin{array}{lllllllllllllll}31 & 1 & 1 & 2 & 1 & 5 & 01 & 2 & 1 & 1 & 2 & 00100000203300 & 00100000200300\end{array}\) \(0800532127 \quad 26 \quad 3 \quad 3 \quad 151105 \quad 151110 \quad 0305021020203111\) \(\begin{array}{lllllllllllllll}11 & 1 & 2 & 2 & 1 & 5 & 12 & 2 & 2 & 2 & 5 & 02000000310000 \quad 00000000310200\end{array}\) \(08014221354033171100 \quad 175+10 \quad 1423341020233512\) \(11 \begin{array}{lllllllllllllll}1 & 1 & 1 & 2 & 5 & 36 & 1 & 2 & 1 & 5 & 050031002000) & 00030000200001\end{array}\) \(0802541374133182900 \quad 170302 \quad 1519091088883511\) \(\begin{array}{lllllllllllll}11 & 1 & 1 & 1 & 1 & 6 & 13 & 2 & 1 & 1 & 5 & 0030000032 う 1 ว 2 & 00000000000010\end{array}\) \(0833 \quad 5 \quad 2 \quad 1 \quad 22 \quad 23 \quad 3 \quad 305\)

Y N 04
MMO40łコ11088882511

2312222141322250030000001203000300000012000
\(\begin{array}{lllllllll}080 & 4 & 5 & 2 & 1 & 24 & 27 & 3 & 3\end{array} 77\)
7705
AZ7707021177042299
\(94 \quad 9 \quad 9 \quad 2 \quad 9 \quad 9 \quad 77 \quad 2 \quad 2 \quad 1 \quad 5 \quad 30100100020030 \quad 00200103000000\)
\(\begin{array}{llllllllll}0805 & 5 & 2 & 1 & 36 & 36 & 3 & 3 & 182100\end{array}\)
171310
0911081188202214
\(11 \begin{array}{lllllllllll}1 & 2 & 2 & 2 & 2 & 02 & 2 & 1 & 1 & 30000200010030 & 00300100000200\end{array}\)
\(0806542129293105 \quad 7716 \quad 77 \quad 0703021008202125\)
\(\begin{array}{lllllllllllll}11 & 1 & 1 & 2 & 1 & 6 & 14 & 2 & 2 & 2 & 5 & 20 & 10000000003 \\ 0\end{array}\)

\(\begin{array}{lllllllllllllll}33 & 1 & 9 & 2 & 1 & 6 & 06 & 9 & 2 & 2 & 9 & 03000100020010 & 32000000010000\end{array}\)
\(0808 \quad 5 \quad 2 \quad 0 \quad 32 \quad 32 \quad 3 \quad 3 \quad 162900\)
172700
0412113020202111
1112221200612250002000031000002300000100000
\(080952002021313141155 \quad 04 \quad\) MS0403021088042532
321222230932252030010000001000300102000000
\(08105321243031305 \quad \mathrm{PH} 151 う 25 \quad 0507021005073111\)
\(\begin{array}{llllllllllllll}13 & 1 & 2 & 2 & 1 & 1 & 00 & 2 & 2 & 2 & 5 & 4 & +00400000004 & 04400000000000\end{array}\)
\(\begin{array}{llllllllllll}0811 & 5 & 2 & 1 & 19 & 21 & 3 & 3 & 03 & \text { Ri } & 03 & \text { SNO103011088772251 }\end{array}\)
\(\begin{array}{llllllllllllllll}55 & 1 & 1 & 2 & 2 & 2 & 24 & 2 & 1 & 1 & 5 & 00003000012000 & 03000000210000\end{array}\)
\(081252022213305 \quad\) CTA \(04 \quad\) CTAO503021088881241
\(\begin{array}{lllllllllllllll}41 & 1 & 1 & 1 & 1 & 6 & 14 & 2 & 2 & 2 & 5 & 3 J 000200010050 & 00032000010000\end{array}\)
\(0813 \quad 5 \quad 2062726 \quad 3 \quad 3161120 \quad 151110 \quad 0605011020203523\)
11222210222250230000001003023000000010000
\(0814 \quad 4 \quad 2 \quad 1 \quad 3432313172900 \quad 152305 \quad 1412081120203522\)
2312211260622110030023001000000030200010000
\(0815 \begin{array}{llllllllll}5 & 2 & 31 & 30 & 3 & 3 & 161110 & 151100 & 0807311130201552\end{array}\)
\(\begin{array}{llllllllllllllll}51 & 1 & 2 & 2 & 1 & 6 & 12 & 1 & 2 & 2 & 4 & 2 J J 0010300 J J J O & 20000100030000\end{array}\)
\(0816 \begin{array}{llllllllll}5 & 2 & 1 & 24 & 26 & 3 & 3 & 152905 & 151170 & 0205011003882451\end{array}\)
1132222205122250000400040000000000000000001
081752035263107 AD 04 AE180ł021088883121
\(\begin{array}{llllllllllll}11 & 1 & 2 & 2 & 1 & 6 & 24 & 2 & 2 & 2 & 5 & 33000001000 j 0\end{array} 02100000300000\)
\(081832063328 \quad 3 \quad 3151630 \quad 05 \quad 770704331020993111\)
\(\begin{array}{lllllllllllllll}11 & 1 & 1 & 2 & 1 & 6 & 00 & 2 & 2 & 2 & 5 & 03102030003030 & 03120000000000\end{array}\)
0819521313331306 AZ 05 AX131う051120203121
2212221600621210000010002003000000100020030
\(0820 \quad 5 \quad 2 \quad 1 \quad 31 \quad 34 \quad 3 \quad 3 \quad 06 \quad\) SK \(07 \quad\) MM051う133020202111
221222161212250030000000201003000002000010
\(0821521202533103 \quad 5 K 05 \quad 770206011188882111\)
\(\begin{array}{llllllllllll}11 & 2 & 1 & 2 & 2 & 4 & 12 & 1 & 1 & 2 & 204000000000 J 0 & 99999999999999\end{array}\)

\title{
IPPENDIX D \\ ANALYSIS PROGRAM
}
//HIX 14 JOB (2409,0143), 'HIXENBAOSH THESIS •, CLASS=A //*MAIN LINES=(15)
// EXEC SPSS
//RTO4FOO1 DD UNIT=3330V, YSVGP=PUB'A, DISP=(OLD,KEEP), // DCB=BLKSIZE=6400. DSN=M5S.S2409.QJERY //ET08F001 DD DISP=SHR,DSN=MSS.S2409.RESPONSE //SYSIN DD *
RUN NAME SERVICE COJPLES SURVET
FILE NAME QUERY5 RUN

DAPA LIST
FIXED (2)/1
\begin{tabular}{lll} 
ID & \multicolumn{1}{l}{\(1-4\)} & \\
Q1 & 6 & \\
Q2 & 8 & \\
Q3 & 10 & \\
Q4 & \(12-13\) & \\
Q5 & \(15-15\) & \\
Q6 & 18 & \\
Q7 & 20 & \\
Q8A & \(22-23\) & \\
Q8B & \(24-27\) & \\
Q8C & \(29-32\) & (A) \\
Q9A & \(34-35\) & \\
Q9B & \(36-39\) & \\
Q9C & \(41-47\) & (A) \\
Q10 & \(45-45\) & \\
Q11 & \(47-43\) & \\
Q12 & \(49-50\) & \\
Q13 & 51 & \\
Q14 & 52 & \\
Q15 & \(53-54\) & \\
Q16 & \(55-5 j\) &
\end{tabular}

\[
\begin{aligned}
& \text { Q17 } 57 \\
& \text { Q18 } 58 \\
& \text { Q19: } 59 \\
& \text { Q19B } 60 \\
& 12 \text { Q20A } 1 \\
& \text { Q20B } 2 \\
& \text { Q21 } 4 \\
& \text { Q22 } 6 \\
& \text { Q23 } 8 \\
& \text { Q24 } 10 \\
& \text { Q25 } 12 \\
& \text { Q26 14-15 } \\
& \text { Q27 } 17 \\
& \text { Q28 } 19 \\
& \text { Q29 } 21 \\
& \text { Q30 } 23 \\
& \text { Q314 } 25 \\
& \text { Q31B } 26 \\
& \text { Q31こ } 27 \\
& \text { Q31D } 28 \\
& \text { Q31E } 29 \\
& \text { Q31F } 30 \\
& \text { Q315 } 31 \\
& \text { Q31世 } 32 \\
& \text { Q31I } 33 \\
& \text { Q31J } 34 \\
& \text { Q31K } 35 \\
& \text { Q31L } 36 \\
& \text { Q31M } 37 \\
& \text { Q31N } 38 \\
& \text { Q32A } 40 \\
& \text { Q32B } 41 \\
& \text { Q32こ } 42 \\
& \text { Q320 } 43 \\
& \text { Q32E } 44
\end{aligned}
\]

\begin{tabular}{ll}
\(Q 32 F\) & 45 \\
\(Q 323\) & 46 \\
\(Q 32 H\) & 47 \\
\(Q 32 I\) & 48 \\
Q \(32 J\) & 49 \\
Q \(32 K\) & 50 \\
\(Q 32 L\) & 51 \\
\(Q 32.1\) & 52 \\
\(Q 32 N\) & 53
\end{tabular}

INPUT MEDIUM DISK
N JF CASES UNKNOWN
\begin{tabular}{|c|c|}
\hline RECODE & \begin{tabular}{l}
Q 4 （IO THRJ 20＝1）（21 THRU 25＝2）（25 THRU \(30=3\) ） \\
（ 31 THRU \(35=4\) ）（ 36 IHRJ \(H I=5\) ）
\end{tabular} \\
\hline RECODE & Q 5 （LO THRJ 20＝1）（21［HRU 25＝2）（26 THRU 30＝3） （ 31 THRU \(35=4\) ）（36 THRD HI＝5） \\
\hline REこODE & Q 10 （1 THRU 5＝1）（6 IHRJ 10＝2）（11 IHRU 15＝3） （16 THRU 19＝4）（ 20 THRU HI＝5） \\
\hline RECODE & Q 11 （1 THRU 5＝1）（6 THRU 10＝2）（11 THRU 15＝3） （16 THRU 19＝4）（ 20 IHRJ \(\mathrm{HI}=5\) ） \\
\hline に̇CODE & Q 12 （ 1 THRU j＝1）（6 TGRU 10＝2）（11 IHRU 15＝3） （16 THRU 2J＝4）（21 THRJ 76＝5） \\
\hline RECODE & Q 14 （ 4 THRU 3＝4） \\
\hline RコこODE & Q 15 （1 THRU 5＝1）（2 TGRU 10＝2）（11 IHRU 15＝3） （16 THRU 19＝4）（20 卫HRJ 76＝5） \\
\hline RECODE & Q 16 （1 THRU \(5=1\) ）（2 THRU 10＝2）（11 THRU 15＝3） （ 16 THRU \(19=4\) ）（ 20 IHRJ \(76=5\) ） \\
\hline RECODE & \begin{tabular}{l}
Q 26 （1 THRU \(5=1\) ）（ 7 IGRJ \(12=2\) ）（ 13 IGRU 18＝3） \\
（19 THRU 2＇4＝4）（25 THRU \(30=5\) ）（ 31 IHAU \(36=6\) ） \\
（ 37 THRU \(75=7\) ）
\end{tabular} \\
\hline RECODE & Q 31A TO 231N（1 THRU \(t=1) /\) \\
\hline RECODE & Q 32A TO Q32N（1 THRJ \(4=1\) ）／ \\
\hline VAR LABELS & ID，RESPONSE NUYBER／ \\
\hline & \begin{tabular}{l}
Q 1，SPOUSE EVER SERVEJ JN ACTIVE DUTY／ \\
Q2．SERVICE OF SPOUSE／ \\
Q 3．SEX JF ȧSPONDENI／
\end{tabular} \\
\hline
\end{tabular}

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Q4. AGE OF RESPONDENI/
Q5. AGE OF SPOUSE/
Q6, RACE OF RESPONDENT/
Q7. RACE OF SPOJSE/
Q8A, PAY GRADE OF RESPONDENT/
Q8B, DESIGNATOR OF RESPONDENT/
Q8C.RATE OE RESPONDENT/
Q9A, PAY GRadE OF SPJJSE/
Q9B, DESIGNATOR OF SPJUSE/
Q9C, RATE OF SPOUSE/
Q 10, RESPONDENTS YEARS ON ACTIVE DUTY/
Q11, SPOUSES YEARS ON ACTIVE DUTY/
Q12, NUMBER OF YEARS yarRIED/
Q13, STATUS aT yARRIASE/
Q14, NUMBER OF CHILDREN/
Q15. ACTIVE DUTY INTENTIONS OF RES?ONDENT/
Q16, ACTIVE DUTY INRENTIONS OF SPOUSE/
Q17, SELECTION OF DJMINANT CAREER/
Q 18, DETAILER SUPPORT Of DOMINANI CAREER/
Q 19A, RESPONDENTS FEELINGS ADOUT LOCATION/
Q 19B, RESPONDENTS FEELINGS ABOUT BILLET/
Q20A, SPOUSES FEELINGS ABOUT LOCATION/
Q20B, SPJUSES FEELINSS ABOUT BILLET/
Q21, STATIONED FOGETHER/
Q22, DIFFIZULTIES AITA FERSONNEL POLICIES/
Q23, CHANGES IN EERSONNEL POLICIES/
Q24, EXPERIENCED A CONFLICT BETMEEN CAEEERS/
Q25, RESULT OF CONfLICR OF CAREERS/
Q26, LENGTH OF GROGRA?HIC SEPARAIION/
Q27, IMPORTANT CONSIDERATION UPON TRANSFER/
Q28, FEELINGS ABOUT P!Y POLICIES/
Q29. CHANGES IO PAY PJLICIES/
Q 30, CHILD こAEE/
Q31a, R-LV RAISING A EAMILY/
Q31B, R-LY Pay POLICIES/

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Q31C, R-IV BETTER CIVILIAN JOB/
Q31D, R-L'V PERSONAL PREFERENCE/
Q31E, R-LV LOCAIION JF ASSIGNMENTS/
Q 31F, R-LV SEDARATION FROM FAMILY/
Q31G, R-LV PRESSURE FROM FAMILY/
Q31H, R-LV ?ERSONNEL POLICIES/
Q31I, R-LV REDUCTION IN MILITARY BENEFITS/
Q 31J, R-LV UNABLE TO こO-LOCATE WIIH SPOUSE/
Q31K, R-LV UNDESIRABLE BILLET AI こO-LOCATION/
Q31L, R-LV PASSED OVER/
Q31M, R-LV RETIRED/
Q 31N, R-LV כTHER/
Q32A, S-LV RAISING A FAMILI/
Q 32B. S-LV PAY POLIEIES/
Q32C, S-LV BETTER CIVILIAN JOB/
Q32D, S-LV PERSJNAL PREFERENCE/
Q32E, S-LV LOCAIION OF ASSIGNMENIS/
Q 32F, S-LV SEPARATION EROM EAMILY/
Q 32G, S-LV PRESSURE FROM FAMILY/
Q 32H, S-LV PERSONNEL POLICIES/
Q32I, S-LV REDUCTION IN MIIITARY BENEFITS/
Q 32J, S-LV UNABLE TJ こJ-LOCATE WITH SROUSE/
Q 32K, S-IV UNDESIRABLE BILLET AT こO-LOCATION/
Q 32L, S-LV 2ASSED OVER/
Q32M, S-EV RETIRED/
Q 32N, S-LV כTHER/

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VALUE LAEELS Q1（3）NO LONGER MARRIED（4）SPOUSE PREV SERVED （5）SPOUSE こURP SERVINコ／
Q2（1）ARMY
（2）NAVY
（3）AIR FORこE
（4）MARINE こORPS（5）こJAST GUARD／
Q3（0）MALE（1）EEMALE／
Q4（1）LESS IHAN 21 （2）21－25（3）25－30（4）31－35
（5） 36 OR OLDER／
Q 5 （1）LESS IHAN 21 （21 21－25（3）25－30（4）31－35
（5） 36 OR OLDER／

（4）OTHER／
Q7（1）BLACK（2）HISPANIC（3）WHITE（4）OTHER／ Q 10 （1）1－5 YRS（2）5－10 YRS（3）11－15 YRS
（4）16－19 YRS（5） 20 PLUS YRS／
Q 11 （1） \(1-5\) YRS（2）6－10 YRS（3）11－15 YRS
（4）16－19 YRS（う） 20 PLUS YRS／
Q 12 （1） \(1-5 \mathrm{YRS}\)（2） \(6-10\) YRS（3） \(11-15\) YRS
（4） \(16-20\) YRS（5） 21 PLUS YRS／
Q 13 （1）BOTH ACT DUTY（2）RESP AD，NOT SPOUSE （3）SPOUSE AD，NOT RES？（4）NEITHER AD／

Q 14 （4） 4 JR MORE／
Q 15 （1）1－5 YRS（2），6－10 YRS（3）11－15 YRS
（4） \(16-19\) YRS（5） 20 RLUS YRS（88）UNDECIDED／．
Q 16 （1） \(1-5 \mathrm{YRS}(2) \quad 6-10 \mathrm{YRS}(3) \quad 11-15\) YRS
（4）16－19 YRS（5） 20 PLUS YRS（88）UNDECIDED／
Q 17 （1）YES，MY CAREER
（2）YES，SPJUSE＇S CAREER（3）NO／
Q 18 （1）YES，BOTH DETAILERS
（2）NO，MINE DOES NJI
（3）NO，SPJUSE＇S DOES NOT
（4）NO NEITAER DOES（う）NA／
Q 19A（1）VERY SAT（2）SAT（3）OK（4）DISSAI
（5）VERY DISSAT／
Q 19B（1）VERY SAI（2）SAT（3）OK（4）DISSAT
（5）VEス̃ DIJSAT／

（5）VERY DISSAT／
Q 2OB（1）VEAY SAT（2）SAT（3）OK（4）DISSAT
（5）VERY DISSIE1
Q21（1）IES（2）io，OK（3）NO，NכEOK／
Q22（1）NO（2）IES／
Q 23 （1）NO（2）Y V ／
Q 24 （1）NO（2）IES／
Q25（1）BOFH GET OUI（2）I＇LL GEI OUT
（3）SPOUSE SET JUT
（4）Get divjace（5）phisicai seearaitoin
（6）NA．NO こONFLICI（7）OTHER／
Q 26 （0）NO SEPARATION
（1）1－6 ：105（2）7－12 yOS（3）13－18 nos
（4）19－24 13 S
（5）25－30 Y丁S（5）31－36 MOS（7） 37 PLUS MOS／
Q 27 （1）CAREER ENHANこIVG（2）CO－LOこATION
（3）GEOG 亡JこATION（＋）つTHER／
Q 28 （1）NO（2）YES／
Q 29 （1）NO（2）YES／
Q 30 （1）AVAIL AND SAP（2）AVAIL BUP UNSAT
（3）NOT AVAIL，P
（4）NOT AVAIL，NO PROB（5）NA／
Q 31A TO 231．N（O）UNMARKED
（1）MARKED／
Q 32A TO Q32N（0）UNMARKED
（1）MARKED／

UISSING VALUES Q 1，Q2，Q3，Q6．27．213，Q14，Q17 IO Q25．
Q 27 TO Q32N（9），Q4，Q5，Q8A TO 212，Q15，Q16， Q 26 （77）
ASSIGN \(\operatorname{HISSING}\) Q 1，Q2，Q3，Q5，Q7，213，Q14，Q17 TO Q25， Q 27 tc Q32N（9），Q4，25．Q8A TO 212，Q15． Q 16，Q26（77）
FREQUENCIES GENERAL＝28A，Q9A
STATISTICS 1．3．4
＊RECODE
Q8A（1 THRJ 9＝1）（1J THRU \(23=21 /\)
29A（1 THRU 9＝1）（10 THRU \(23=2) /\)
Q8A（1）ENLISTED（2）JFEICER／
Q9A（1）ENLIJTED（2）JFEICER／
FEEQUENC＝ES GENERAL＝21．22．23．24．2う．26．27．25A．29A．210．211， Q12．Q13．214．215．215．217．213．219A．219B．220A． Q 20B，Q21，Q22．，2 \(23, Q 24,225\) ．
Q 2 ，Q Q \(27,223, Q 29, Q 30,231 \mathrm{~A}\) TO Q31N，232A TO Q32N
STATISIICS 1，3．4
READ INPUT DATA
ล：D INPTT DATA
\begin{tabular}{|c|c|}
\hline ＊RECODE & Q8A（1 THRJ 9＝1）（10 THRU \(23=2) /\) \\
\hline ＊RECODE & Q9A（ 1 IHRJ 9＝1）（10［HRU \(23=21 /\) \\
\hline \multirow[t]{10}{*}{CRJSSTA3S} & TABLES＝Q3 3V Q 15，Q15．218／ \\
\hline & Q 8A BY Q15，226／ \\
\hline & Q 21 BT Q19A，Q193，Q20A，2203／ \\
\hline & Q 27 BY Q9A／ \\
\hline & Q 24 BY 225／ \\
\hline & Q 31A，Q31E．231I， \(231 \mathrm{~K}, 231 \mathrm{~L}\) 31 Q8A／ \\
\hline & \＆31－TO 231こ，231\％BY 23／ \\
\hline & Q 31 B BY 20／ \\
\hline & Q 32B，Q32K，232L．BY 29A／ \\
\hline & Q 32A，Q32C，Q32L，Q32．1 BY Q3／ \\
\hline STATISTICS & A IL \\
\hline ＊RECODE & Q 8A（1 THRJ 9＝1）（10 FHRU \(23=21 /\) \\
\hline ＊SELECT IF & （Q8A EQ 2） \\
\hline CPJSSTAES & TABLES＝Q10 3Y Q25 3Y 28A／ \\
\hline STATISTECS & A IL \\
\hline ＊SEIECT IF & （ \(23=0\) ） \\
\hline CRJSSTAES & TABLES＝Q17 BY Q 18 BY 23／ \\
\hline STATISTICS & A IL \\
\hline ＊SこさミCT こF & （ Q3 \(=1\) ） \\
\hline CRJSSTASS & TABEES＝Q17 BY Q13 BY 23／ \\
\hline STA MISTICS & A IL \\
\hline FIVISH & \\
\hline
\end{tabular}

\section*{APRENDIX \(\mathbb{E}\) \\ TABLES}

Q8A PAY GRADE OF RESPONDENT
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[b]{3}{*}{CATEGORY} & \multirow[b]{3}{*}{LABEL CCDE} & & RELATIVE & ADJUSIED & CUM \\
\hline & & ABSOLJTE & PRE2 & FREQ & TREQ \\
\hline & & FRE2 & (Pご) & (PCT) & (PCT) \\
\hline & 1. & 1 & 0.1 & 0.1 & 0.1 \\
\hline & 2. & 5 & 0.7 & 0.7 & 0.9 \\
\hline & 3. & 73 & 8.7 & 8.9 & 9.8 \\
\hline & 4. & 137 & 13.) & 13.1 & 22.8 \\
\hline & 5. & 143 & 17.7 & 17.5 & 40.3 \\
\hline & 6. & 51 & 7.4 & 7.4 & 47.7 \\
\hline & 7. & 17 & 2.1 & 2.1 & 49.8 \\
\hline & 8. & 1 & 0.1 & 0.1 & 49.9 \\
\hline - & 14. & 35 & 4.3 & 4.3 & 54.2 \\
\hline & 15. & 53 & 7.7 & 7.7 & 61.9 \\
\hline & 16. & 217 & 25.7 & 26.5 & 88.4 \\
\hline & 17. & 79 & 9.5 & 9.6 & 98.0 \\
\hline & 18. & 15 & 1.3 & 1.8 & 99.9 \\
\hline & 19. & 1 & 0.1 & 0.1 & 100.0 \\
\hline & 77. & 2 & 0.2 & MISSIN* & 100.0 \\
\hline & & ------ & ------ & ------ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q9A EAY GRADE OF SPOUSE


Q 1 SPOUSE EVER SERVED ON AこTIVE DUIY
\begin{tabular}{|c|c|c|c|c|}
\hline & & 2ELAIIVE & ADJUSTED & CUM \\
\hline & ABSOLUTE & PREQ & FREQ & EREQ \\
\hline CAIEGOPY LAEEL CODE & FREQ & ( \(2 \subset \sim\) ) & (2こT) & (PCT) \\
\hline NO LONGEK MARRIED 3. & 44 & 5.4 & 5.4 & 5.4 \\
\hline SPJUSE PREV SERVED 4. & 44 & 5.4 & 5.4 & 10.7 \\
\hline SPOUSE CURR SERVING 5. & 733 & 39.3 & 89.3 & 100.0 \\
\hline & --- & ---- & --- & \\
\hline TOTAL & 821 & 100.0 & 100.0 & \\
\hline
\end{tabular}


Q2 SERVICE OF SPOUSE
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELAIIVE & ADJUSIED & CUM \\
\hline & & ABSOLTTE & FREQ & FREQ & FREQ \\
\hline CATEGORY LABEL & CCDE & FREQ & (PCI) & (PCT) & (PCT) \\
\hline ARMY & i. & \(j\) & 0.7 & 0.7 & 0.7 \\
\hline NAVY & 2. & 750 & 91.4 & 91.4 & 92.1 \\
\hline AIR FORCE & 3. & 17 & 2.1 & 2.1 & 94.2 \\
\hline Marine Corps & 4. & 42 & 5.1 & 5.1 & 99.3 \\
\hline COAST GUARD & 5. & 5 & 0.7 & 0.7 & 100.0 \\
\hline & TOTAL & 821 & 100.0 & 100.0 & \\
\hline
\end{tabular}

Q3 SEX OF RESPONDENT


Q4 AGE OF RESPONDENT
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FREV & FREQ & FREQ \\
\hline CATEGORY LABEL & CODE & FRE2 & (Pご) & (PCT) & (PCT) \\
\hline LESS THAN 21 & 1. & 47 & 5.7 & 5.7 & 5.7 \\
\hline 21-25 & 2. & 256 & 31.2 & 31.2 & 36.9 \\
\hline 26-30 & 3. & 332 & 40.4 & 40.4 & 77.3 \\
\hline 31-35 & 4. & 147 & 17.3 & 17.9 & 95.2 \\
\hline \multirow[t]{2}{*}{36 OR OLDER} & 5. & 33 & 4.3 & 4.8 & 100.0 \\
\hline & TOTAL & ----- & ----- & \[
100.0
\] & \\
\hline
\end{tabular}

Q5 AGE OF SPOUSE


Q6 RACE OF RESPONDENT


Q7 RACE OF SPOUSE
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLUTE & FREQ & FREQ & FREQ \\
\hline CATEGORY & LABEL CCDE & FaEq & (2CT) & (FCI) & (PCT) \\
\hline BLACK & 1. & 43 & 3.2 & 5.2 & 5.2 \\
\hline HISPANIC & 2. & 13 & 1.5 & 1.6 & 6.8 \\
\hline WHITE & 3. & 752 & 91.5 & 91.7 & 98.5 \\
\hline OTGER & 4. & 12 & 1.5 & 1.5 & 100.0 \\
\hline & 9. & 1 & 0.1 & MISSINS & 100.0 \\
\hline & TOTAL & \[
821
\] & \[
100.0
\] & \[
100.0
\] & \\
\hline
\end{tabular}


Q8A PAY GRADE OF RESPONDENI
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLUTE & FREQ & FREQ & FREQ \\
\hline CATEGORY & LABEL CCDE & FREQ & (PCI) & (PCI) & (PCT) \\
\hline ENL ISTED & 1. & 409 & 49.3 & 49.9 & 49.9 \\
\hline \multirow[t]{4}{*}{OFFICER} & 2. & 410 & 49.9 & 50.1 & 100.0 \\
\hline & 77. & 2 & 0.2 & MISSING & 100.0 \\
\hline & & ------ & ------ & --- & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q9A PAY GRADE OF SPOUSE


Q10́ RESPONDENTS YEARS ON ACTIVE DUTY


Q11 SPOUSES YEARS ON ACIIVE DUIY
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FREQ & FKEQ & FREQ \\
\hline \multirow[t]{2}{*}{CATEGORY LABEL} & \(C C D E\) & FRE? & (PこT) & (PCT) & (PCT) \\
\hline & 0. & 2 & 0.2 & 0.2 & 0.2 \\
\hline 1-5 YRS & 1. & 389 & 47.4 & 47.4 & 47.6 \\
\hline 6-10 YRS & 2. & 253 & 30.3 & 30.8 & 78.4 \\
\hline 11-15 YRS & 3. & 103 & 13.2 & 13.2 & 91.6 \\
\hline 16-19 YRS & 4. & 35 & 4.4 & 4.4 & 96.0 \\
\hline \multirow[t]{2}{*}{20 PLUS YRS} & 5. & 33 & 4.3 & 4.0 & 100.0 \\
\hline & TOTAL & 821 & 100. 3 & 100.0 & \\
\hline
\end{tabular}

Q 12 NUMBER OF YEARS MARRIED


Q13 STATUS AT MARRIAGE



Q14 NUMBER OF CHIIDREN


Q15 ACTIVE DUTY INTENTIONS OF RESPONDENT
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE? & FREQ & FREQ \\
\hline CATEGORy LABEL & \(C C D E\) & FREQ & (PCL) & (PCT) & ( PCT) \\
\hline 1-5 YRS & 1. & 107 & 13.3 & 13.1 & 13.1 \\
\hline 6-10 YRS & 2. & 53 & 7.7 & 7.7 & 20.9 \\
\hline 11-15 YRS & 3. & 9 & 1.1 & 1.1 & 22.0 \\
\hline 16-19 צFS & 4. & 7 & 0.3 & 0.9 & 22.9 \\
\hline 20 PIUS YRS & 5. & 257 & 32.j & 32.3 & 55.7 \\
\hline UNDECIDED & 88. & 353 & 43.3 & 44.2 & 99.9 \\
\hline & 99. & 1 & 3.1 & 0.1 & 100.0 \\
\hline & 77. & 7 & 0.3 & MISSING & 100.0 \\
\hline & TOTAL & ----- & \[
100.0
\] & \[
100.0
\] & \\
\hline
\end{tabular}

Q16 ACTIVE DUTY INTENTIONS OF SPOUSE


Q17 SELECTION OF DOMINANT こAREER
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & Relamive & ADJUSIED & CJM \\
\hline & & ABSOLJTE & FRE？ & FEE？ & EREQ \\
\hline CAIEGORY LABEL & CCDE & EEE2 & （Pご） & （PCT） & （PCT） \\
\hline YES，MY CAREER & 1. & 174 & 21.2 & 21.2 & 21.2 \\
\hline YES，SPOUSE＇S & 2. & \(2+9\) & 33.3 & 30.4 & 51.6 \\
\hline \multirow[t]{4}{*}{NO} & 3. & 395 & 43.2 & 48.4 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSINJ & 100.0 \\
\hline & & －－－－ & －－－－－ & －－－－－ & \\
\hline & IOTAL & 821 & 103． 3 & 100.0 & \\
\hline
\end{tabular}

Q 18 DETAILER SUPPORT OF DOMINANT CAREER


Q19B RESPONDENTS FEELINGS ABOUT BILLET
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{\multirow[t]{2}{*}{:}} & & RELATIVE & ADJUSIED & CUM \\
\hline & & ABSOLJTE & FREV & FREQ & FREQ \\
\hline CAIEGORY LABEL & \(C C D E\) & FREV & (PCF) & (PCT) & (PCT) \\
\hline VERY SAT & 1. & 305 & 36.5 & 37.3 & 37.3 \\
\hline SAI & 2. & 252 & 30.7 & 31.3 & 68.6 \\
\hline OK & 3. & 95 & 11.5 & 11.8 & 80.4 \\
\hline DISSAT & 4. & 99 & 12.1 & 12.3 & 92.7 \\
\hline \multirow[t]{4}{*}{VERY DISSAT} & 5. & 39 & 7.2 & 7.3 & 100.0 \\
\hline & 9. & 15 & 1.3 & MISSIN & 100.0 \\
\hline & & ------ & ---- & ---- & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q20A SPOUSES FEEIINGS ABOUT LOCATIJN
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE? & FREQ & FREQ \\
\hline CAIEGORY LABEL & \(C C D E\) & FRE2 & (Pこ「) & (PCT) & (PCT) \\
\hline VERY SAT & 1. & 329 & 40.1 & 41.2 & 41.2 \\
\hline SAT & 2. & 242 & 29.5 & 30.3 & 71.6 \\
\hline OK & 3. & 30 & 9.7 & 10.0 & 81.6 \\
\hline DISSAT & 4. & 73 & 8.5 & 8.8 & 90.4 \\
\hline \multirow[t]{4}{*}{VERY DISSAT} & 5. & 77 & 9.7 & 9.5 & 100.0 \\
\hline & 9. & 23 & 2.3 & MISSIN & 100.0 \\
\hline & & ----- & ------ & ----- & \\
\hline & TOTAL & 821 & 100.) & 100.0 & \\
\hline
\end{tabular}

Q2．）B SPOUSES FEEIINGS ABOUI BILIET


Q21 STATIONED TOGETHER
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELAIIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CATEGORY LABEL & CCDE & FRE2 & －（ここ「） & （PCT） & （PCT） \\
\hline Y 5 & 1. & 693 & 85.3 & 85.3 & 85.3 \\
\hline NO，OK & 2. & 42 & 5.1 & 5.1 & 90.5 \\
\hline \multirow[t]{4}{*}{NO，NOT OK．} & 3. & 78 & Э．j & \(9 . j\) & 100.0 \\
\hline & 9. & 3 & 0.1 & MISSING & 100.0 \\
\hline & & －－－－－－ & －－－－ & －－－ & \\
\hline & TOTAL & 821 & 100．3 & 100.0 & \\
\hline
\end{tabular}

Q22 DIFEICULTIES WITH PERSONNEL POLIこIES

\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CATEGORY & LABEL CCDE & FREQ & (RCT) & (PCT) & (PCT) \\
\hline No & 1. & 307 & 37.4 & 39.5 & 39.6 \\
\hline YES & 2. & 459 & 57.1 & 60.4 & 100.0 \\
\hline & 9. & 45 & \(5 . j\) & MISSING & 100.0 \\
\hline & & ------ & ------- & ------- & \\
\hline & TOTAL & 821 & 100.) & 100.0 & \\
\hline
\end{tabular}

Q24 EXPEFIENCED
a CONFLICI bETA EEN CAREERS


Q25 RESULE OF CONFLICT OF こAREERS
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{－}} & \multicolumn{2}{|r|}{RELATIVE} & ADJUSTED & CUM \\
\hline & & ABSJLUTE & FREQ & FREQ & FREQ \\
\hline CAI EGORY LABEL & \(C C D E\) & FRE2 & （RこI） & （PCT） & （PCT） \\
\hline BOTH GET OUT & 1. & うう & 7.9 & 8.1 & 8.1 \\
\hline I＇LI GET OUT & 2. & 107 & 13．） & 13.4 & 21.5 \\
\hline SPJUSE GET OUT & 3. & 51 & 5.2 & 6.4 & 27.9 \\
\hline GET DIVORCE & 4. & 37 & 4.5 & 4.6 & 32.5 \\
\hline PHYSICAL SE？ & 5. & 37 & 4.3 & 4.5 & 37.2 \\
\hline NA，NO CONPLICT & 6. & 434 & 60.2 & 61.3 & 99.0 \\
\hline \multirow[t]{3}{*}{OTHER} & 7. & 3 & 1.3 & 1.0 & 100.0 \\
\hline & 9. & 22 & 2.7 & MISSIN & 100.0 \\
\hline & TOTAL & －－－－－ & 100．0－－－－ & \[
100.0
\] & \\
\hline
\end{tabular}

Q26 IENGTH OF GEOGRAPHIC SEPARATION
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLOTE & FREZ & FREQ & FREQ \\
\hline CATEGORY LABEL & \(C C D E\) & FRE？ & （PCए） & （PCI） & （PCT） \\
\hline NO SEPARATION & 0. & 133 & 15.2 & 17.1 & 17.1 \\
\hline 1－5 MOS & 1. & 317 & 38.2 & 40.5 & 57.6 \\
\hline 7－12 MOS & 2. & \(2+5\) & 30.3 & 31.7 & 89.3 \\
\hline 13－18 MOS & 3. & 31 & 3.3 & 4.0 & 93.3 \\
\hline 19－24 MOS & 4. & 34 & 4.1 & 4.4 & 97.7 \\
\hline 25－30 MOS & 5. & 2 & 0.2 & 0.3 & 97.9 \\
\hline 31－36 MOS & 5. & 9 & 1.1 & 1.2 & 99.1 \\
\hline \multirow[t]{5}{*}{37 2LUS MOS} & 7. & 3 & 0.1 & 0.4 & 99.5 \\
\hline & 99. & ＋ & 0.5 & 0.5 & 100.0 \\
\hline & 77. & 45 & う．う & MISSIN3 & 100.0 \\
\hline & & －－－－－－ & －－－－－ & －－－－－ & \\
\hline & TOTAL & 821 & 100．3 & 100.0 & \\
\hline
\end{tabular}

Q27 IMPORTANT CONSIDERATION OPON TRANSFER
\begin{tabular}{|c|c|c|c|c|}
\hline & & Relative & ADJUSIED & CUM \\
\hline & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CAIEGORY LABEL CODE & FRE？ & （Pこ「） & （PCT） & （PCT） \\
\hline CAREER ENHANCING 1. & 117 & 14.3 & 14.5 & 14.5 \\
\hline CO－LOCATION 2. & 612 & 74．j & 76.0 & 90.6 \\
\hline GEJG LOCATION 3. & 35 & 4.3 & 4.3 & 94.9 \\
\hline OTHER 4． & \(\downarrow 1\) & 5.3 & 5.1 & 100.0 \\
\hline 9. & 15 & 1.9 & MISSING & 100.0 \\
\hline TOTAL & －－－－ & 100．0 & \[
100.0
\] & \\
\hline
\end{tabular}

Q28 FEELINGS ABOUT PAY POLICIES
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & Cum \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CATEGORY & LABEI CCDE & FRE？ & （PCI） & （PCT） & （PCT） \\
\hline No & 1. & 311 & 37.3 & 39.2 & 39.2 \\
\hline YES & 2. & 482 & 58.7 & 60.8 & 100.0 \\
\hline & 9. & 23 & 3.7 & MISSING & 100.0 \\
\hline & & －－－－－－ & －－－－－－ & －－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.3 & \\
\hline
\end{tabular}

Q29 CHANGES TO PAY POLICIES
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & \(\operatorname{com}\) \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CAT EGORY & LABEL CCDE & FRE2 & （Rこ「） & （PCT） & （ PCT ） \\
\hline No & 1. & 335 & 40.3 & 42.8 & 42.8 \\
\hline YES & 2. & 443 & 54.5 & 57.2 & 100.0 \\
\hline & 9. & 33 & 4.5 & MISSINS & 100.0 \\
\hline & & －－－－－ & －－－－－－ & －－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|c|c|}
\hline & & Ralative & ADJUSTED & CUM \\
\hline & ABSOLOTE & FREQ & FREQ & FREQ \\
\hline CAPEGORY LABEL CCDE & FRE2 & (PCI) & (PCT) & (PCT) \\
\hline avall and Sat 1. & 92 & 11.2 & 11.4 & 11.4 \\
\hline AVAIL BUT UNSAT 2. & 121 & 14.7 & 15.0 & 26.4 \\
\hline NOT AVAII, PROB 3. & 30 & 3.7 & 3.7 & 30.1 \\
\hline NOT AVAIL,NOT 4. & 15 & 1.3 & 1.9 & 31.9 \\
\hline NA 5. & 550 & 67.0 & 68.1 & 100.0 \\
\hline 9. & 13 & 1.5 & MISSING & 100.0 \\
\hline & ------ & ------ & ----- & \\
\hline TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q31A R-IV RAISINGA FAMILY
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & Relative & ADJUSTED & COM \\
\hline & & ABSOLJTE & FRE? & FREQ & FREQ \\
\hline CAI EGORY & label ccoe & FRE2 & (Pこ「) & (FCI) & (PCT) \\
\hline UNMARKED & 0. & 552 & 67.2 & 67.4 & 67.4 \\
\hline MARKED & 1. & 257 & 32.j & 32.5 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSING & 100.0 \\
\hline & & ------ & ------ & ------ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q31B R-IV PAI POIICIES
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[b]{2}{*}{CAPEGORY LABEL CCDE}} & ABSOLUTE & FREQ & FREQ & FREQ \\
\hline & & FREQ & (2CI) & (DCI) & ( PCT ) \\
\hline UNYARKED & 0. & 675 & 82.3 & 82.5 & 82.5 \\
\hline \multirow[t]{3}{*}{MARKED} & 1. & 143 & 17.4 & 17.5 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSIN: & 100.0 \\
\hline & TOTAL & 821 & 100. 3 & 100.0 & \\
\hline
\end{tabular}


Q31C R－IV BETTER CIVIIIAN JOB
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FREV & FREQ & FREQ \\
\hline CAI EGORY & LABEI CCDE & PRE2 & （？こ下） & （PCI） & （PCT） \\
\hline UNMARKED & 0. & 5う3 & 68.0 & 68.1 & 68.1 \\
\hline \multirow[t]{4}{*}{MARKED} & 1. & 251 & 31.3 & 31.9 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSING & 100.0 \\
\hline & & －－－－－ & －－－－－－ & －－－－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q31D R－IV PERSONAL PREFERENCE
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & Relarlve & ADJUSTEO & CUM \\
\hline & & ABSOLJTE & FRE？ & FREQ & FREQ \\
\hline CATEGORY & LABEL CCDE & FREQ & （PCT） & （PCI） & （ \(P C T\) ） \\
\hline UNMARKED & 0. & 697 & 84.9 & 85.1 & 85.1 \\
\hline MARKED & 1. & 122 & 14.3 & 14.9 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSING & 100.0 \\
\hline & & －－－－－－ & － & －－－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q31E R－IV LOCATICN OF ASSIGNMENTS
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & relative & ADJUSIED & CUM \\
\hline & & ABSOLJTE & FRE2 & FRE？ & FREQ \\
\hline CAT EGORY & label ccde & ERE2 & （PこT） & （PCI） & （PCT） \\
\hline UNMARKED & 0. & 745 & 90.7 & 91.0 & 91.0 \\
\hline MARKED & 1. & 74 & 9.5 & 9.0 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSINS & 100.0 \\
\hline & & －－－－－－ & － & － & \\
\hline & TOTAL & 821 & 100.2 & 100.0 & \\
\hline
\end{tabular}

Q31F R－IV SEPARATION FFOM FAMILY


Q31G F－LV PRESSURE FROM FAMILY
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSIEO & COM \\
\hline & & ABSOLJTE & FREQ & FREQ & FREQ \\
\hline CATEGORY & Label ccde & FREQ & （PCI） & （ECT） & （ PCT）\(^{\text {c }}\) \\
\hline UNMARKED & 0. & 779 & 94.3 & 95.1 & 95.1 \\
\hline MARKED & 1. & 40 & 4.3 & 4.9 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSING & 100.0 \\
\hline & & －－－－－－ & －－－－－ & －－－－－ & \\
\hline & TOTAL & 821 & 100． 3 & 100.0 & \\
\hline
\end{tabular}

Q31H R－IV PERSONNEL POLICIES
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSIED & CUM \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CAI EGOEY & LABEL CCDE & FRE2 & （ここて） & （PCI） & （PCT） \\
\hline UNMARKED & 0. & 743 & 91.1 & 91.3 & 91.3 \\
\hline MARKED & 1. & 71 & 8.5 & 8.7 & 100.0 \\
\hline & 9. & 2 & 0.2 & MISSING & 100.0 \\
\hline & & －－－－－ & －－－．－－ & －－－－－－－ & \\
\hline & Iotai & 321 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q31I R-IV REDUCTION IN MILITARY BENEPITS


Q31J R-IV UNABLE TO CO-LOZATE WITH SPOUSE


Q31K R-IV UNDESIRABLE BILLET AI CO-LJこATION




Q31L R-LV PASSED OVER


Q31is R-LV RETIRED


Q31N R-IV OTHER



Q32A S－IV RAISING A FAMIIY
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLUTE & FRE 2 & FREQ & FREQ \\
\hline CATEGORY & LABEL CCDE & FRE？ & （Pこ「） & （ECT） & （ PCT ） \\
\hline UNMARKED & 0. & 630 & 73.1 & 76.3 & 76.3 \\
\hline MARKED & 1. & 185 & 22.7 & 23.7 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSING & 100.0 \\
\hline & & －－－－－－ & －－－ & －－－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q32B S－IV PAY POIICIES


Q32C S－IV BETTER CIVIIIAN JOB
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELAITVE & ADJUSTED & \(\operatorname{COM}\) \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline Caregory & LABEI CODE & FRE2 & （Pご） & （PCD） & （PCT） \\
\hline UNMARKED & 0. & 497 & 50.5 & 63.2 & 63.2 \\
\hline Marked & 1. & 289 & 35.2 & 36.8 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSIN： & 100.0 \\
\hline & & －－－－－－ & －－－－－－ & －－－ & \\
\hline & TOTAL & 821 & 100． 2 & 100.0 & \\
\hline
\end{tabular}


Q32D S-IV PERSONAL PREFERENCE
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & Relative & ADJUSIED & CUM \\
\hline & & ABSOLJTE & FRE? & FREQ & FREQ \\
\hline CAIEGORY & LABEL CODE & FRE? & (Pこ「) & (OCT) & ( PCT) \\
\hline UNMARKED & 0. & 609 & 74.2 & 77.5 & 77.5 \\
\hline MARKED & 1. & 177 & 21.5 & 22.5 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSING & 100.0 \\
\hline & & ------ & ------ & ------ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q32E S-IV LOCATION OF ASSISNMENTS
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CATEGORY & LAbEL CCDE & FRE2 & (PCT) & (PCI) & (PCT) \\
\hline ONMARKED & 0. & 700 & 85.3 & 89.1 & 89.1 \\
\hline Marked & 1. & 85 & 12.5 & 10.9 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSINS & 100.0 \\
\hline & & ----- & ------ & ------- & \\
\hline & TOTAL & 321 & 100.3 & 100.5 & \\
\hline
\end{tabular}

Q 32 F S-IT SEPARATION FROM PAMILY



Q32G S－LV PRESSUEE FROM FAMILY
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & Relative & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE？ & FREQ & FREQ \\
\hline CATEGORY & LABEL CODE & FRE2 & （Pこ「） & （PCT） & （PCT） \\
\hline UNMARKED & 0. & 752 & 92.3 & 96.9 & 96.9 \\
\hline MARKED & 1. & 2＇4 & 2.3 & 3.1 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSINS & 100.0 \\
\hline & & －－－ & －－－－－－ & －－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q32H S－IV PERSONNEL POLICIES


Q32I S－IV REDUCTION IN MILITARY BENEPITS
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & relamive & ADJUSIED & CUM \\
\hline & & ABSOLJTE & FREV & FREQ & FREQ \\
\hline CAI EGORY & LABEI CODE & アRE2 & （Pご） & （PCI） & （PCT） \\
\hline UNMARKED & 0. & 659 & 80.3 & 83.8 & 83.8 \\
\hline Marked & 1. & 127 & 15．う & 15.2 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSINS & 100.0 \\
\hline & & －－－－－－ & －－－－－－ & －－－－－－ & \\
\hline & IOTAL & 821 & 100.1 & 100.0 & \\
\hline
\end{tabular}


Q32J S－IV UNABLE TO CO－LOこATE MITH SPJUSE


Q32K S－LV UNDESIRABLE BILLET AT CO－LJこATION
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELAITVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CATEGORY & LABEI CCDE & FRE2 & （PCT） & （PCT） & （PCT） \\
\hline UNMARKED & 0. & 535 & 72．j & 75.7 & 75.7 \\
\hline Marked & 1. & 191 & 23.3 & 24.3 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSIN & 100.0 \\
\hline & & －－－－－－ & －－－－－－ & －－－－－－ & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}

Q32L S－亡V PASSED OVER
\begin{tabular}{|c|c|c|c|c|c|}
\hline & & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FREQ & FREQ & FREQ \\
\hline CATEGORY & LABEL CCDE & FRE？ & （PCT） & （PCT） & （ PCT ） \\
\hline UNMARKED & 0. & 630 & 82.3 & 86.5 & 86.5 \\
\hline IAR KED & 1. & 1） 6 & 12.3 & 13.5 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSING & 100.0 \\
\hline & & －－－－－－ & －－－－－－ & － & \\
\hline & TOTAL & 821 & 103．） & 100.0 & \\
\hline
\end{tabular}

Q32M S-LV RETIRED


Q32 N S-IV OTHER
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|l|}{\multirow[t]{2}{*}{}} & & RELATIVE & ADJUSTED & CUM \\
\hline & & ABSOLJTE & FRE2 & FREQ & FREQ \\
\hline CAIEGORY & LABEL CCDE & FREQ & (Pこ「) & (PCT) & (PCT) \\
\hline UNMARKED & 0. & 725 & 88.7 & 92.4 & 92.4 \\
\hline \multirow[t]{4}{*}{MARKED} & 1. & 50 & 7.3 & 7.5 & 100.0 \\
\hline & 9. & 35 & 4.3 & MISSIN & 100.0 \\
\hline & & ----- & ----- & --- & \\
\hline & TOTAL & 821 & 100.3 & 100.0 & \\
\hline
\end{tabular}
 Q27 CONSIDERATION UPON TRANSFER BY Q3A PAY GRADE OF RESP． Q8A


CAREER ENHANCING I 42.7 I 57.3 I 14.6
I 12.5 I 16.5 I
I 6.2 I 8.3 I


2．I 304 I 307 I 611
CO－LOCATION I 49．3 I 50．2 I 76.1
I 76.4 I 75.8 I
I 37.9 I 38.2 I
－I－－－－－－－－－I－－－－－－－－I
3．I 25 I 10 I 35
GEOG IOCATION I 71．4 I 28.6 I 4.4
I 6.3 I 2.5 I
I 3.1 I 1.2 I
－I－－－－－－－－I－－－－－－－I

OTHER
4．I 19 I 21 I 40
\begin{tabular}{rrrrrr} 
I & 47.5 & \(I\) & 52.5 & \(I\) & 5.0 \\
\(I\) & 4.3 & \(I\) & 5.2 & \(I\) & \\
\(I\) & 2.7 & \(I\) & 2.5 & \(I\) & \\
\hline & & & & & \\
& 398 & & 405 & & 803 \\
& 49.5 & & 50.4 & & 100.0
\end{tabular}

CHI SQUANE \(=8.95304\) WITH 3 DEGEEES つE RスコEDOM． SIJNIFICANCE \(=0.0299\)

 Q31A R-LV RAISING A FAMILY BY 28A PAY GRADE OF RESPONDENT

Q8A


CORRECTED CHI SQUARE \(=4.35353\) WITH 1 DEGREE OF FREEDOM.
SIGNIFICANCE \(=0.0438\)
RAM CHI SQUARE \(=4.3704 J\) AITH 1 DEGREE OF FREEDJM.
SIGNIFICANCE \(=0.0366\)
\(\mathrm{PHI}=0.07314\)
Mile it
* * CROSSTABULATMONOF Q31B R-IV PAY POIICIES BY 28A PAY GRADE OF RESPJNDENT

Q8A
COUNT I
ROW PCT IENLISIED JFFIこER ROW
COL ECT I TOTAL
TOT PCT I 1.I 2.I
Q3 1B
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline 0. & I & 323 & I & 354 & I & 674 \\
\hline & I & 47.5 & I & 52.5 & I & 82.5 \\
\hline & I & 78.5 & I & 86.3 & I & \\
\hline & I & 39.2 & I & 43.3 & I & \\
\hline & I & & & - & & \\
\hline
\end{tabular}
1. I 37 I j5 I 143

MARKED
\begin{tabular}{cccccc}
\(I\) & 50.3 & \(I\) & 39.2 & \(I\) & 17.5 \\
\(I\) & 21.4 & \(I\) & 13.7 & \(I\) & \\
\(I\) & 10.5 & \(I\) & 6.9 & \(I\) & \\
\(-I\) & -0 & - & - & \(-\cdots\) & I
\end{tabular}
\begin{tabular}{rrrr} 
COLUMN & 407 & 410 & 817 \\
TOTAL & 49.3 & 50.2 & 100.0
\end{tabular}

CORRECTED CHI SQUARE = 7.39852 TITH 1 DEGREE OF FREEDOM.
SIGNIFICANCE \(=0.0049\)
RAM CHI SQUARE \(=8.42452\) TITH 1 DEGREE OF EREEDJM.
SIGNIFICANCE \(=0.0037\)
\(\mathrm{PHI}=0.10155\)
* * CROSSTABULATION O F Q31I R-LV REDUCTION IN BENEFITS BY 23A PAY GRADE OF RESP. * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


CORRECTED CHI SQUARE = 5.jЭ 130 MITA 1 DEGREE OF FREEDOM. SIJNIFICANCE \(=0.0180\)

RAN CHI SQUARE \(=5.98761\) MITH 1 DEGREE OF EREEDOM.
SIJNIFICANCE = 0.0144
PHI \(=0.08561\)
 Q31K R-IV UNDESIRABLE BILLET BY Q8A ?AY GRADE OF RESPONDENT

Q8A


COREECTED CHI SQUARE = 9.2\$583 WITH 1 DEGREE OF FREEDOM.
SIGNIFICANCE \(=0.0024\)
RAM CHI SQUARE \(=9.73605\) IITH 1 DEGREE OF FREEDJM.
SIGNIFICANCE \(=0.0018\)
PHI \(=0.10916\)

* * CROSSTABULATIONOF Q31L R-LV PASSED OVER BY 23 A
pal grade of respondent

Q8A
COUNT I
RON PCT IENLISTED JFEIこER ROW
COL PCI I TOTAL
TOT PCT I 1.I 2.I

Q31i
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \multirow[t]{4}{*}{0.} & I & 352 & I & 330 & I & 692 \\
\hline & I & 52.3 & I & 47.7 & I & 84.7 \\
\hline & I & 88.9 & I & 80.5 & I & \\
\hline & I & 44.3 & I & 40.4 & I & \\
\hline \multirow{6}{*}{1.} & -I- & --- & -I- & --- & I & \\
\hline & I & + 5 & I & 30 & I & 125 \\
\hline & I & 36.0 & I & 64.0 & I & 15.3 \\
\hline & I & 11.1 & I & 19.5 & I & \\
\hline & I & 5.j & I & 9.8 & I & \\
\hline & -I- & --- & I- & --- & & \\
\hline COL U M & & 4) 7 & & 410 & & 817 \\
\hline TOTAL & & 49.3 & & 50.2 & & 100.0 \\
\hline
\end{tabular}

CORRECTED CHI SQUARE = 10.́㇒ 258' \(W\) ITG 1 DEGREE OE FREEDOM.
SIGNIEICANCE \(=0.0011\)
RAM CHI SQUARE \(=11.26887\) AITH 1 DESBEE OF FREEDOA.
SIGNIEICANCE \(=0.0008\)
\(\mathrm{PHI}=0.11744\)
年 Q31A R-LV RAISING A FAMIIY BY Q3 SEX JF RESPONDENT

> Q3
\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline & \multicolumn{2}{|l|}{COUNT} & \multicolumn{2}{|l|}{I} & & \multirow[b]{2}{*}{FEMALE} & & \multirow[b]{2}{*}{ROW} \\
\hline & ROW & PCT & IM & ALE & & & & \\
\hline & COL & PCT & I & & & & & TOTAL \\
\hline & TOT & FCT & I & & 0.1 & & . I & \\
\hline \multicolumn{9}{|l|}{Q31A --------------I-------I} \\
\hline \multirow{4}{*}{UNMARKED} & & 0. & I & 215 & I & 336 & I & 552 \\
\hline & & & I & 39.1 & I & -60.9 & I & 67.4 \\
\hline & & & I & 82.1 & I & 60.4 & I & \\
\hline & & & I & 26.4 & I & 41.0 & I & \\
\hline \multirow{6}{*}{MARKED} & \multicolumn{8}{|c|}{-I--------I--------I} \\
\hline & & 1. & I & + 7 & I & 220 & I & 267 \\
\hline & & & I & 17.5 & I & 82.4 & I & 32.6 \\
\hline & & & I & 17.9 & \(I\) & - 39.6 & I & \\
\hline & & & I & 5.7 & I & 26.9 & I & \\
\hline & & & -I- & ----- & --I- & ------- & & \\
\hline & COL & J M & & 253 & & 555 & & 819 \\
\hline & TO & AL & & 32.1 & & 67.9 & & 100.0 \\
\hline
\end{tabular}

CORRECTED CHI SQUARE \(=37.27388\) WITY 1 DEGREE OE FREEDOM. SIGNIFICANCE \(=0.0000\)
RAN CHI SQUARE \(=38.25494\) ATTH 1 JE3RコE OF EREEDOM.
SISNIFICANCE \(=0.0000\)
PHI \(=0.21612\)

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{5}{*}{} & \multicolumn{5}{|c|}{Q3} & & & \\
\hline & \multicolumn{2}{|l|}{COUNT} & \multicolumn{2}{|l|}{I} & \multicolumn{2}{|r|}{\multirow[b]{2}{*}{FEMALE}} & & \multirow[b]{2}{*}{ROW} \\
\hline & ROW & PCT & IM & ALE & & & & \\
\hline & COL & PCT & I & & & & & TOTAL \\
\hline & TOT & PCT & I & & . I & & I & \\
\hline \multirow[t]{2}{*}{Q3 1B} & --- & & -I & --- & -I & -- & I & \\
\hline & & 0. & I & \(17 \ni\) & I & 477 & I & 676 \\
\hline \multirow[t]{5}{*}{UNMARKED} & & & I & 29.4 & I & 70.5 & I & 82.5 \\
\hline & & & I & 75.7 & I & 85.8 & I & \\
\hline & & & I & 24.3 & I & 58.2 & I & \\
\hline & & & -I- & -- & - I- & --- & & \\
\hline & & 1. & I & 54 & I & 79 & I & 143 \\
\hline \multirow[t]{6}{*}{MARKED} & & & I & 44.3 & I & 55.2 & I & 17.5 \\
\hline & & & I & 24.3 & I & 14.2 & I & \\
\hline & & & I & 7.3 & I & 9.6 & I & \\
\hline & & & -I- & ----- & -I & ----- & & \\
\hline & COL & MN & & 253 & & 556 & & 819 \\
\hline & TOT & AL & & 32.1 & & 67.9 & & 100.0 \\
\hline
\end{tabular}

COREECTED CHI SQUARE = 12.3 100't MITH 1 DEGREE OE FREEDOM. SIGNIFICANCE \(=0.0005\)

RAN CHI SQUARE = 12.70298 ATTH 1 DEGRコE OF FREEDJM.
SIGNIFICANCE \(=0.0004\)
\(\mathrm{PHI}=0.12454\)
```

** CROSSTABULATITONOF Q31C R-IV BETTER CIVIIIAN JOB BY Q3 SEX OF RESPJNDENT

``` Q3

COUNT I
\begin{tabular}{llccc} 
ROW PCT IMALE & EEMALE & ROW \\
COL ECT I & & & TOTAL \\
TOT PCT I & \(O . I\) & \(1 . I\) &
\end{tabular}

Q31C

UNMARKED

MARKED
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \multirow[t]{5}{*}{0.} & \(I\) & 154 & I & 404 & I & 558 \\
\hline & I & 27.6 & I & 72.4 & \(I\) & 68.1 \\
\hline & I & 58.5 & I & 72.7 & I & \\
\hline & I & 18.3 & I & 49.3 & I & \\
\hline & \multicolumn{6}{|l|}{-I--------I--------I} \\
\hline \multirow[t]{5}{*}{1.} & I & 139 & I & 152 & I & 261 \\
\hline & I & 41.3 & I & 58.2 & I & 31.9 \\
\hline & I & 41.4 & I & 27.3 & I & \\
\hline & I & 13.3 & I & 18.6 & I & \\
\hline & -I- & -- & I & --- & -I & \\
\hline
\end{tabular}
\begin{tabular}{rrrr} 
COLUMN & 253 & 556 & 819 \\
TOTAL & 32.1 & 67.9 & 100.0
\end{tabular}

CORRECTED CHI SQUARE \(=15.72085 \mathrm{WITH} 1\) DEGREE OF FREEDOM. SIGNIFICANCE \(=0.0001\)

RAW CHI SQUARE \(=16.36414\) AITH 1 DEGZEE OE FREEDOM.
SIGNIFICANCE \(=0.0001\)
PHI \(=0.14135\)

\section*{}
* *
CROSSTABULATION
0 F Q31K R-IV UNDESIRABLE BILLET BY Q3 SEX OF RESPONDENT

\section*{Q3}
\(\operatorname{COONT}\) I

Q31K
\begin{tabular}{lcc} 
ROW PCT IMALE & FEMALE & ROW \\
COL FCT I & & TOTAL
\end{tabular}

UNMARKED

\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{4}{*}{} & & I & 78.7 & I & 71.5 & I & \\
\hline & & I & 25.3 & I & 48.6 & I & \\
\hline & & -I & --- & I- & --- & & \\
\hline & 1. & I & 55 & I & 158 & I & 214 \\
\hline \multirow[t]{6}{*}{MARKED} & & I & 26.2 & I & 73.8 & I & 26.1 \\
\hline & & I & 21.3 & I & 28.4 & I & \\
\hline & & I & 6.8 & I & 19.3 & I & \\
\hline & & \multicolumn{6}{|l|}{-I--------I--------} \\
\hline & COL UMN & & 253 & & 555 & & 819 \\
\hline & TOTAL & & 32.1 & & 67.9 & & 100.0 \\
\hline
\end{tabular}

CORRECTED CHI SQUARE \(=4.33333\) WITY 1 DEGREE OF FREEDOM.
SIFNIFICANCE \(=0.0374\)
RAN CHI SQUARE \(=4.69517\) NITH 1 DEGREE OF FREEDOM.
SIJNIFICANCE \(=0.0302\)
PHI \(=0.07572\)
\(=0=0 \begin{array}{llll}1 & 1 & 1 \\ 1 & 1 & 1 & 1 \\ 0 & 1 & 1\end{array}\)
 Q31B R-IV PAY POLICIES BY 26 RACE JF RESPONDENT
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * Q6

COUNT I
ROW PCT IBLACK HISPANICWHITE OTHER ROW COL PCT I TOTAL
\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline & TOT PCT & I & & . I & & . I & & . I & & . I & \\
\hline \multirow[t]{2}{*}{Q31B} & & I- & & & & I & & I & -- & & \\
\hline & 0. & I & 26 & I & 10 & I & 624 & I & 13 & I & 673 \\
\hline \multirow[t]{5}{*}{UNMARKED} & & I & 3.9 & I & 1.5 & I & 92.7 & I & 1.9 & I & 82.5 \\
\hline & & I & 68.4 & I & 71.4 & I & 83.6 & I & 72.2 & I & \\
\hline & & I & 3.2 & I & 1.2 & I & 76.5 & I & 1.6 & I & \\
\hline & & - I- & & I & -- & I & -- & I & -- & I & \\
\hline & 1. & I & 12 & I & 4 & I & 122 & I & 5 & I & 143 \\
\hline \multirow[t]{6}{*}{MARKED} & & I & 8.4 & I & 2.8 & I & 85.3 & I & 3.5 & I & 17.5 \\
\hline & & I & 31.6 & I & 28.6 & I & 15.4 & I & 27.8 & I & \\
\hline & & I & 1.5 & I & 0.5 & I & 15.0 & I & 0.6 & I & \\
\hline & & - I- & --- & & -- & I & -- & I & -- & I & \\
\hline & COLTMN & & 38 & & 14 & & 746 & & 18 & & 816 \\
\hline & TOTAL & & 4.7 & & 1.7 & & 91.4 & & 2.2 & & 100.0 \\
\hline
\end{tabular}

CHI SQUARE \(=8.39187\) WITH 3 DEGREES OF EREEDOM.
SIGNIFICANCE \(=0.0386\)
CRAMER'S V \(=0.10141\)
\[
\begin{aligned}
& \text { 4. 48 }
\end{aligned}
\]

2

1

 Q32B S-IV PAY POLICIES BY 29A PAY GRADE OF SPOUSE

Q9A
COUNT I
ROW FCT IENLISIED JFFICER ROW
COL PCT I TOTAL
TOT PCT I 1.I 2.I
0. I \(33 j\) I 325 I 660

UNMARKED

MARKED
\begin{tabular}{|c|c|c|c|c|c|c|}
\hline \multirow[t]{4}{*}{} & I & 50.8 & I & 49.2 & I & 84.0 \\
\hline & I & 79.2 & I & 89.5 & I & \\
\hline & I & 42.5 & I & 41.3 & I & \\
\hline & \multicolumn{6}{|l|}{-I--------I--------} \\
\hline 1. & I & 38 & I & 38 & I & 126 \\
\hline & I & 59.3 & I & 30.2 & I & 16.0 \\
\hline & I & 20.3 & I & 10.5 & I & \\
\hline & I & 11.2 & I & 4.8 & I & \\
\hline & \multicolumn{6}{|l|}{-I--------I-------I} \\
\hline COLU MN & & 423 & & 363 & & 786 \\
\hline TOTAL & & 53.8 & & 46.2 & & 100.0 \\
\hline
\end{tabular}

CORRECTED CHI SQUAEE \(=14.74464\) NITH 1 DEGFEE OF FREEDOM.
SIGNIFICANCE \(=0.0001\)
RAN CHI SQUARE \(=15.50295\) NITH 1 DEGREE OF EREEDJM.
SIGNIFICANCE = 0.0001
PHI \(=0.14044\)
 Q32K S-IV DNDESIRABLE BIILET BY Q9A PAY GRADE OF SPOUSE


CORRECTED CHI SQUARE \(=20.72425\) WITH 1 DEGREE OE FREEDOH. SIGNIFICANCE \(=0.0000\)
RAM CHI SQUARE \(=21.49068\) NITH 1 DEGREE OF EREEDOM.
SIGNIFICANCE \(=0.0000\)
PHI \(=0.16535\)

* * C Q32L S-LV PASSED OVER BY 2ЭA PAY GRADE OF SPOUSE

Q9A


CORRECTED CHI SQUARE \(=13.50678\) WITH 1 DEGREE OF FREEDOM.
SIJNIEICANCE \(=0.0002\)
RAA CHI SQUAEE \(=14.28755\) TTH 1 DESREE OF FREEDOM.
SIGNIFICANCE \(=0.0002\)
PHI \(=0.13482\)
 Q32A S-LV RAISING A FAMILY BY Q3 SEX OF RESPONDENT

Q3

```

CORRECTED CHI SQUARE = 92.38452 WITH 1 DEGREE OE RREEDOM.
SIGNIFICANCE = 0.0000
RAN CHI SQUARE = 94.12479 WITH 1 DEGREE OF FREEDOM.
SIGNIFICANCE = 0.0000
PHI = 0.34605

```
 Q32C S-IV BETTER CIVILIAN JOB BY Q3 SEX OF RESRONDENT * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * Q3


CORRECTED CHI SQUARE \(=18.97049\) WINK 1 DEGREE OF FREEDOM.
SIGNIFICANCE \(=0.0000\)
RAN CHI SQUARE \(=19.66859\) ATH 1 DEGREE OF FREEDJM.
SIGNIFICANCE \(=0.0000\)
PHI \(=0.15819\)
 Q32L S-IV DASSED OVER BY 23 SEX OF RESPONDENT
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline & & & 3 & & & & \\
\hline & COUNT & I & & & & & \\
\hline & ROW PCT & I 1 & ale & & female & & ROW \\
\hline & COL ECT & I & & & & & total \\
\hline & TOT ECT & I & & . I & & . I & \\
\hline Q32L & -- & I- & ---- & -I & ------ & & \\
\hline & 0. & I & 233 & I & 4うう & I & 680 \\
\hline UNMARKED & & I & 33.3 & I & 66.2 & I & 86.5 \\
\hline & & I & 92.3 & I & 84.0 & I & \\
\hline & & I & 29.3 & I & 57.3 & I & \\
\hline & & -I & ---- & -I & ------ & - I & \\
\hline & 1. & I & 20 & I & 35 & I & 106 \\
\hline MARKED & & I & 18.9 & I & 81.1 & I & 13.5 \\
\hline & & I & 8.0 \(0^{\circ}\) & I & 15.0 & I & \\
\hline & & I & 2.5 & I & 10.9 & I & \\
\hline & & -I- & ----- & - I & ------- & & \\
\hline & COLUMN & & \(25)\) & & 536 & & 786 \\
\hline & TOTAL & & 31.3 & & 68.2 & & 100.0 \\
\hline
\end{tabular}

CORRECTED CHI SQUARE \(=8.77976\) MITY 1 DEGREE OF FREEDOM.
SIGNIFICANCE \(=0.0030\)
RAW CHI SQUARE \(=9.45671\) AITH 1 DEGREE OF FREEDJM.
SIGNIFICANCE \(=0.0021\)
PHI \(=0.10969\)
```

*     * CROSSTAABULA T I ON
O F
Q32M S-LV RETIRED BY Q3 SEX OF RESPJNDENT

```


CORRECTED CHI SQUARE = 11.31077 WITH 1 DEGREE OE FREEDOM.
SIGNIFICANCE \(=0.0008\)
RAN CHI SQUARE = 12.65170 NITH 1 DEJREE OF FREEDOM.
SIJNIFICANCE \(=0.0004\)
\(\mathrm{PHI}=0.12687\)
* * CROSSTABULATION J F

Q17 SELECTION OF DOMINANT こAREER BY 218 DETAILER SUPPORT CONTROLIING FOR.•

Q3 SEX OF RESPONDENT VALUE \(=0\). MALE

Q18


CHI SQUARE \(=21.78253\) WITA 8 DEGNEES OF FREEDOM.
SIGNIFICANCE \(=0.0053\)
CRAMER'S \(\nabla=0.20506\)
* * CROSSTABULATION O F Q17 SELECTION OF DOMINANT こAREER BY 218 DETAILER SUPPORT CONTROLIING FOR.. Q3 SEX OF RESPONDENT VALUE = 1. FEMALE Q 18

\section*{COUNT I}
ROW PCTIYES, NOT NOT NOT NA ROW COL PCTIBOTH MINE SROU. BOTH TOTAL TOT PCT 1.I 2.I 3.I 4.I 5.I Q 17
1. I 21 I 9 I 5 I 2 I 18 I 56

YES, MY CAREEP. I 37.5 I 16.1 I 10.7 I 3.6 I 32.1 I 10.2 I 9.4 I 20.0 I 30.0 I 8.3 I 7.6 I I 3.8 I 1.6 I 1.1 I 0.4 I 3.3 I -I------I------I------I------I-----I
2. I 115 I 26 I 8 I 13 I 70 I 232 YES, SPOUSE'S CAI 49.6 I 11.2 I 3.4 I 5.6 I 30.2 I 42.1 I 51.3 I 57.3 I 40.0 I 54.2 I 29.4 I I 20.9 I 4.7 I 1.5 I 2.4 I 12.7 I 3. I 88 I 10 I 5 I 9 I 150 I

N
I 33.5 I 3.8 I 2.3 I 3.4 I 57.0 I 47.7 I 39.3 I 22.2 I 30.0 I 37.5 I 33.0 I I 16.0 I 1.8 I 1.1 I 1.6 I 27.2 I -I------I------I------I------I------I
\begin{tabular}{rrrlllr} 
COLUMN & 224 & 45 & 20 & 24 & 238 & 551 \\
TOTAL & 40.7 & 8.2 & 3.6 & 4.4 & 43.2 & 100.0
\end{tabular}

CHI SQUARE \(=53.93501\) WITG 8 DEGREES OF EREEDOM.
SIFNIFICANCE \(=0.0000\)
CRAMER'S V = 0.22123
* * C R O S S T A B U L A T I O N J F Q3 SEX OF RESP. BY Q 18 DETAILER SOPPJRT OF DOMINANT CAREER * * * * * * * * * * * * * * * * * * * * * * * * * * * * * Q 18

COUNT I
\begin{tabular}{lllllc} 
ROW PCT IYES NOT & NOT NOT & NA & RON \\
COL PCT IBOTH & MINE & SPOU. BOTH & & TOTAL
\end{tabular} TOT PCTI 1.I 2.I 3.I 4.I 5.I
Q 3

MALE
0. I 103 I 18 I 23 I 18 I 97 I 259

FEMALE I 39.8 I 6.9 I 8.9 I 6.9 I 37.5 I 31.9 I 31.4 I 28.5 I 53.5 I 42.9 I 28.9 I I 12.7 I 2.2 I 2.8 I 2.2 I 11.9 I

1. I 225 I 45 I 20 I 24 I 239 I 553 I \(40.7 \mathrm{I} \quad 8.1 \mathrm{I} 3.6 \mathrm{I} \quad 4.3 \mathrm{I} 43.2 \mathrm{I} 68.1\) I 68.6 I 71.4 I 45.5 I 57.1 I 71.1 I I 27.7.I 5.5 I 2.5 I 3.0 I 29.4 I -I------I------I------I------I------I
\begin{tabular}{rrrrlrr} 
COLUAN & 323 & 63 & 43 & 42 & 336 & 812 \\
TOTAL & 40.4 & 7.8 & 5.3 & 5.2 & 41.4 & 100.0
\end{tabular}

CHI SQUARE = 13.32657 WITH 4 DEGREES OE FREEDOM.
SIGNIFICANCE \(=0.0098\)
CRAMER'S V = 0.12811
* * CROSSTABULATON J C ( C Q21 STATIONED TOGETHER BY 2 19A RESP-FEELINGS ABOUT LOCATION * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * Q19A

COUNT I ROW PCT IVERY SAT OK DIS- VERY ROW COL PCT ISAT SAT DISSAT TOTAL TOT PCT I 1.I 2.I 3.I 4.I 5.I

Q 21

YES
1. I 339 I 136 I 82 I 55 I 28 I 690 I 49.1 I 27.0 I 11.9 I 8.0 I 4.1 I 85.3
I 90.2 I 86.5 I 85.4 I 78.6 I 53.8 I
I 41.9 I 23.0 I 13.1 I 6.8 I 3.5 I -I------I ------I------II------I------I
2. I 22 I 12 I 3 I 4 I 1 I 42

NO, OK
I 52.4 I 28.6 I 7.1 I 9.5 I 2.4 I 5.2

I 5.9 I 5.6 I 3.1 I 5.7 I 1.9 I
I \(2.7 \mathrm{I} \quad 1.5 \mathrm{I} 0.4 \mathrm{I} 0.5 \mathrm{I} 0.1 \mathrm{I}\)
-I------I ------I------II------I------I
3. I 15 I 17 I 11 I 11 I 23 I 77

NO, NOT OK I 19.5 I 22.1 I 14.3 I 14.3 I 29.9 I 9.5 I 4.0 I 7.9 I 11.5 I 15.7 I 44.2 I I \(1.9 \mathrm{I} 2.1 \mathrm{I} 1.4 \mathrm{I} \quad 1.4 \mathrm{I} 2.8 \mathrm{I}\)
\begin{tabular}{rrrrrrr} 
COLUMN & 376 & 215 & 96 & 70 & 52 & 809 \\
TOTA & 46.5 & 26.6 & 11.9 & 8.7 & 5.4 & 100.0
\end{tabular}

CHI SQUAEE \(=91.45302\) MITH 8 DEGREES OF EREEDOM.
SIGNIFICANCE \(=0.0000\)
CRAMER'S V \(=0.23774\)
* * CROSS I ABULAI I O N J F Q21 STATIONED TOGETHER BY \(219 B\) RESP-FEELINGS ABJUT BILLET

Q 19B

\section*{COUNT I}
\begin{tabular}{lllllc} 
EOW PCT IVERY SAT OK & DIS- & OERY & ROW \\
COL PCT ISAT & & & SAT & DSAT & TOTAL
\end{tabular}

Q21

1. I 269 I 216 I 75 I 80 I 46 I 687

NO, OK I 31.0 I 33.3 I 16.7 I 16.7 I 2.4 I 5.2
I \(4.3 \mathrm{I} 5.6 \mathrm{I} 7.4 \mathrm{I} 7.1 \mathrm{I} \quad 1.7 \mathrm{I}\)
I 1.6 I 1.7 I 0.9 I 0.9 I 0.1 I
-I------I------I------I--------------I
3. I \(17 \mathrm{I} \quad 21 \mathrm{I} \quad 12 \mathrm{I} \quad 12 \mathrm{I} \quad 12 \mathrm{I} \quad 74\)

NO, NOT OK I 23.0 I 23.4 I 16.2 I 16.2 I 15.2 I 9.2
I 5.7 I 3.4 I 12.6 I 12.1 I 20.3 I
I 2.1 I 2.6 I 1.5 I 1.5 I 1.5 I
-I------I ------I------I------I--------I
\begin{tabular}{rrccccc} 
COLUMN & 299 & 251 & 95 & 99 & 59 & 803 \\
TOTAL & 37.2 & 31.3 & 11.3 & 12.3 & 7.3 & 100.0
\end{tabular}

CHI SQUARE = 19.34326 MITH 8 DEGREES OF FREEDOM.
SIJNIFICANCE \(=0.0131\)
CRAMER'S V \(=0.10975\)
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CROSSTTABULA TIONNOF

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Q21 STATIONED TOGETHER by Q20A SPOUSES AbOUT LJこATION

Q20A
COUNT I
ROW PCT IVERY SAF OK DISSAT VERY DIS RON
COL PCT ISAT

Q21 --------I------I------I------I--------------I
1. I 304 I 216 I 74 I 53 I 38 I 685

YES I 44.4 I 31.5 I 10.8 I 7.7 I 5.5 I 85.9
I 92.7 I 89.3 I 92.5 I 75.7 I 49.4 I
I 38.1 I 27.1 I 9.3 I 6.6 I 4.8 I -I------I------I------I------I-------I
2. I 14 I 15 I 2 I 7 I 1 I 39

NO, OK
I 35.9 I 33.5 I 5.1 I 17.9 I 2.6 I
I 4.3 I 5.2 I 2.5 I 10.0 I 1.3 I
I \(1.8 \mathrm{I} 1.9 \mathrm{I} 0.3 \mathrm{I} 0.9 \mathrm{I} \quad 0.1 \mathrm{I}\)
3. I \(10 \mathrm{I} 11 \mathrm{I} \quad 4 \mathrm{I} \quad 10 \mathrm{I} 38 \mathrm{I} \quad 73\)

NO, NOT I 13.7 I 15.1 I \(5 . j\) I 13.7 I 52.1 I 9.2
〕K
I 3.0 I 4.5 I 5.3 I 14.3 I 49.4 I
I 1.3 I 1.4 I 0.5 I 1.3 I 4.8 I

\begin{tabular}{rrrrrrr} 
COLUMN & 328 & 242 & 30 & 70 & 77 & 797 \\
TOTAL & 41.2 & 30.4 & 10.0 & 8.8 & 9.7 & 100.0
\end{tabular}

CHI SQUARE \(=181.40759\) wirh 8 degrees of freedom.
SIGNIFICANCE \(=0.0\)
CRAMER'S V = 0.33735
* * CROSSTABULATION O F Q21 STAMIONED TOGETHER BY \(220 B\) SPOJSES FEELINGS ABOUT BILLET * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

Q20B
COUNT I
\begin{tabular}{lllll} 
ROW PCI IVERY SAT OK DISSAT VERY DIS ROW \\
COL PCI ISAT & & & SAI TOTAL
\end{tabular}

Q21
TOT PCT I 1.I 2.I 3.I 4.I 5.I


CHI SQUARE \(=49.84183\) WITA 8 DEGREES JF EREEDOM.
SIGNIFICANCE \(=0.0000\)
CRAMER'S \(V=0.17739\)
CRAMER'S \(\nabla=0.10559\)
＊＊C Q24 CONFLICT BET WEEN CAREERS BY Q25 RESULT OF CONEEICT

Q25
CJUNT I
RON PCT IBOTH I GET SPJUSE GET PGYS NA，NO OIHER ROW COL PCT IOUT OUT OUT DIV SEP CFLICT TOTAL TOT PCT I 1．I 2．I 3．I 4．I j．I 6．I 7．I Q24－－－－I－－－－－I－－－－－I－－－－－I－－－－－I－－－－－I－－－－－I－－－－－－I

1．I 6 I 10 I 4 I 5 I 5 I 482 I 0 I 512
NO I 1.2 I 2.0 I 0.8 I 1.0 I 1.0 I 94.1 I 0.00 I 64.1
I 9.2 I 9.3 I 7．8 I 13.5 工13．j I97．6 I 0.00 I I 0.8 I 1.3 I 0.5 I 0.5 I \(0 . j\) I60．3 I J．00 I


2．I 59 I 97 I 47 I 32 I 32 I 12 I 8 I 287
YミS I20．6 I 33.8 I 16.4 I 11.1 I11．1 I 4.2 I 2.88 I 35.9 I90．8 I90．7 I92．2 I 86．5 I85．j I 2.4 I 100.00 I工 7.4 I 12.1 I 5.9 I 4.0 I 4.0 I 1.5 I 1.00 I －I－－－－－I－－－－－I－－－－－I－－－－－I－－－－－I－－－－－I－－－－－－－－I
\(\begin{array}{lllllllll}\text { COLUMN } & 65 & 107 & 51 & 37 & 37 & 494 & 8 & 799\end{array}\) \(\begin{array}{lllllllll}\text { TJTAL } & 8.1 & 13.4 & 6.4 & 4.6 & 4.5 & 61.8 & 1.00 & 100.0\end{array}\)
CHI SQUAFE \(=631.49634\) WITA 6 DEGREES OP FREEDOM．
SIGNIFICANCE \(=0.0\)
CRAMER＇S \(V=0.88902\)
 Q3 SEX OF RESP. BY Q15 ACTIVE DUTY INIENTIONS OF RESP.

Q15
こOUNT I
Rכ以 PCTIT-5 6-10 11-15 16-19 20?LUS UNDEC ROW
COL PCTIYRS YRS YRS YRS YRE TOTAL
TכT PCTI 1.I 2.I 3.I 4.I 5.I 88.I 99.I
Q 3

MALE I 7.2I 3.4 I 1.9I 0.4 I 37.3 I 44.9 I 0.0 I 32.3
I 17.8I 34.9 I 55.5I 14.3I 35.7 I 32.8 I 0.0 I
I 2.3 I 2.7 I 0.5 I 0.1 I 12.0 I 14.5 I 0.0 I
I-----I------I-----I-----I------I------I------I
1. I 88 I 41 I 4 I 6I 159 I \(242 \mathrm{I} \quad 1 \mathrm{I} 551\)

FEMALE I \(16.0 I \quad 7.4 \mathrm{I} 0.7 \mathrm{I} 1.1 \mathrm{I} 3 J .7 \mathrm{I} 43.9 \mathrm{I} 0.2 \mathrm{I} 67.7\)
I 82.2I 65.1I 44.4I 85.7I 63.3 I 67.2 I 100.0 I
I 10.8 I 5.0 I 0.5 I 0.7 I 20.8 I 29.7 I 0.1 I

\begin{tabular}{rrrcccccr} 
IOLUMN & 107 & 63 & 9 & 7 & 257 & 360 & 1 & 314 \\
TOTAL & 13.1 & 7.7 & 1.1 & 0.9 & 32.8 & 44.2 & 0.1 & 100.0
\end{tabular}

CHI SQUAFE \(=16.69196\) WITH 6 DEGREES OF FREEDOM.
SIGNIFICANCE \(=0.0105\)
CRAMER'S V \(=0.14320\)
* * CROSSTABJLATIONOF

Q3 SEX OF RESP. BY Q16 ACTIVE DUTY INTENTIONS OF SPOOSE

Q 16

\section*{COUNT I}

ROW PCTI1-5 6-10 11-15 16-19 20PIJS UNDEC
ROW
COL PCTIYRS YRS YRS IRS YRS
TOTAL
TOT PCTI 1.I 2.I 3.I 4.I 5.I 88.I 99.I
Q3-----I-----I-----I-----I-----I-----I-------I
\(0 . I \quad 38 I \quad 24 I\) 1I \(1 I\) 53I 118 I 27 I 262
MALE I \(14.5 I \quad 9.2 I \quad 0.4 I \quad 0.4 I \quad 20.2 I \quad 45.0\) I 10.3 I 32.0 I \(50.0 I \quad 4\) 1.4I 14.3I 33.3I 17.1I 38.8 I45.0 I I 4.6I 2.9I 0.1I 0.1I 6.jI 14.4 I 3.3 I

1. I 38 I 34 I 6I 2I 257I 186 I 33 I 556 FEMALE I 6.8I 6.1I 1.1I 0.4I 45.2I 33.5 I 5.9 I 68.0 I 50.0I 58.6I 85.7I 66.7I 82.3I 61.2 I55.0 I I \(4.6 I \quad 4.2 I \quad 0.7 I \quad 0.2 I \quad 31.4 I 22.7\) I 4.0 I I-----I----II-----I-----II-----I------I-----I
\begin{tabular}{rrrrrrrrr} 
CJIUMN & 76 & 58 & 7 & 3 & 313 & 304 & 50 & 818 \\
IOTAL & 9.3 & 7.1 & 0.9 & 0.4 & 37.3 & 37.2 & 7.3 & 100.0
\end{tabular}

CHI SQUAFE \(=57.43658\) WITH 6 DEGREES OE FREEDOM.
SIJNIFICANCE \(=0.0000\)
CRAMER'S \(V=0.26498\)
\(+=\)
\(+=-\) \(41+8-5+1\) \(=-\)
 \(\qquad\)
है \(+\frac{+}{4}+\)
* * C K O S S T A B D L A T I O N O F Q8A PAY GRADE-RESP. BY Q1j ACTIVE DUPY INTENTIONS-RESP.

Q15
COUNT I
ROW PCT I \(1-5\)
16-10 11-15 16-19 2JPLUS UNDEC
ROW COL PCT IYRS YRS YRS YRS YRS TOTAL TOT PCT I 1.I 2.I 3.I 4.I 5.I 88.I 99.I

1. I 65 I 40 I 7 I 4 I 105 I 183 I 1 I 405 ENLISTEDI 16.0 I 9.9 I 1.7 I 1.0 I 25.9 I 45.2 I 0.2 I 49.8 I 60.7 I63.5 I77.3 I57. 1 I 39.3 I 50.8 I100.0 I

I 8.0 I 4.9 I 0.3 I 0.5 I 12.9 I 22.5 I 0.1 I
2. I 42 I 23 I 2 I 3 I 152 I 177 I 0 I 409

OFFICER I 10.3 I 5.6 I J.j I 0.7 I 39.6 I 43.3 I 0.0 I 50.2
I 39.3 I 36.5 I22.2 I42.9 I 6J.7 I 49.2 I 0.0 I
I 5.2 I 2.8 I 0.2 I 0.4 I 17.9 I 21.7 I 0.0 I -I------I-----I-----I-----I------I------I------I \(\begin{array}{lllllllll}\text { COLUMN } & 107 & 63 & 9 & 7 & 257 & 360 & 1 & 814\end{array}\) \(\begin{array}{lllllllll}\text { TOTAL } & 13.1 & 7.7 & 1.1 & 0.9 & 32.8 & 44.2 & 0.1 & 100.0\end{array}\) CHI SQUARE \(=25.70134\) WITH 6 DEGREES JF FREEDOM. SIGNIFICANCE \(=0.0003\)

CRAMER'S \(V=0.17759\)
 Q8A PAY GRADE-RESP. 3Y 225 LENGTH JF GEOGRAPHIC SEPARATION

Q26
COUNTI
ROW PCT INO \(1-6 \quad 7-12 \quad 13-1819-2425-3031-3637\)
ROT
COL PCT ISEP MOS MOS MJS MOS MOS MOS PLUS TOTAL
TOT PCT I O.I 1.I 2.I 3.I 4.I j.I 6.I 7.I99. I
Q8A-----I----I----I----I----I----I----I----I----I-I I
1. I \(92 I 146 I 112 I \quad 11 I\) 18I \(0 I \quad 4 I \quad 1 I \quad 0 I \quad 384\)

ZNLISTEDI24.OI38.OI29.2I 2. 9I 4.7I J.OI 1.OI 0.3I0.0 I 49.5 I69.2I46.6I45.5I35.5I52.9I 0.0I44.4I33.3I0.0 I I11.9I18.8I14.5I 1.4I 2.3I 0.JI 0.5IO. 1 IO.0 I I----I----I----I----I----I----I----I----I---I
2.I \(41 I 167134 I 20 I \quad 16 I \quad 2 I \quad 5 I \quad 2 I \quad 4\) I 391

OFEICER I \(10.5 I 42.7 I 34.3 I\) j. 1I 4.1I O. SI \(1.3 I\) 0.jI1.0 I 50.5
I 30.8 I5 3.4I54.5I64. 5I 47 . 1I10J.I55.6I66.7I100.I
\(=5.3 I 21.5 I 17.3 I 2.6 I 2.1 I \quad\) J.3I \(0.6 I \quad 0.3 I \quad 0.5 I\)
I----I----I----I----I----I----I----I----I---I

IOTAL \(\quad 17.240 .4 \quad 31.7 \quad 4.04 .4 \quad 0.3 \quad 1.2 \quad 0.4 \quad 0.5 \quad 100.0\)
CHI SQUARE \(=32.04709\) WITH 8 JEGREES JF FREEDOM.
SIGNIFICANCE \(=0.0001\)
CRAMER'S \(V=0.20335\)


\section*{LIST JF REPERENこES}
1.
 1979.

Family Research and Analysis，Inc．Report， Demog


5．Department of Defanso，Depa天tajot of Defense PE＝sorrel Mänual． 9 Auguse 1982 ．


8．Nigit N．H．and others，SEsS．2ri きd．，McGraw－Hiil，

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Resencen

\section*{200032}

Thesis
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c.l The effects of
personnel poblicies on the retention of service couples.```

