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Forecasting PCS ORT Moves Using Tree Classifications

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12a. DISTRIBUTION / AVAILABILITY STATEMENT APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED			12b. DISTRIBUTION STATEMENT
13. ABSTRACT (Maximum 200 words) THIS REPORT DESCRIBES A SIMPLE, OBJECTIVE METHOD TO PRODUCE PERMANENT CHANGING STATION (PCS) MOVE FORECASTS FOR USE IN BUDGET DEVELOPMENT AND EXECUTION. FORECASTS ARE PRODUCED, USING A TECHNIQUE CALLED TREE CLASSIFICATION, AT A DETAIL SUFFICIENT TO DEVELOP THE MILITARY PERSONNEL NAVY (MPN) BUDGET AND BUDGET EXECUTION. THE FORECASTS ARE BASED ON SIMPLE, KNOWN ASSUMPTIONS AND AN OBJECTIVE ESTIMATE OF FUTURE PCS MOVES.			
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FOREWORD

This research was conducted under program element 63707N project R1770-MP008, sponsored by the Chief of Naval Operations (OP-01) and work request sponsored by the Naval Military Personnel Command (NMPC-7). The objective of this task was to develop a defensible method to forecast Permanent Change of Station (PCS) operational, rotational, and training (ORT) move counts for use in budget development.

This report describes a systematic, objective method to forecast PCS ORT moves. The method is then used to forecast FY89, FY90, and FY91 PCS ORT moves using (1) FY88 actual move patterns and (2) the end FY88 distribution of projected rotation dates (PRDs). The methodology can be applied at the end of any given fiscal year to forecast PCS ORT move counts for each of the next 3 years.

JOE SILVERMAN
Director, Manpower Systems Department

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SUMMARY

This report describes a simple, objective method to produce Permanent Change of Station (PCS) move forecasts for use in budget development and execution. The forecasts assume that current PCS move policies will remain in effect throughout a 3 year forecast horizon. The forecasts are produced using a technique called tree classification, which stratifies Officer and Enlisted members into groups based on their Projected Rotation Date and Accounting Category Code. Each group's move behavior is projected separately, then combined to produce aggregate forecasts.

Tree classification is used in this report to develop PCS move forecasts for FY89, FY90, and FY91 based on FY88 actual move behavior. The move projections are produced at levels of detail sufficient to develop the Military Personnel Navy (MPN) budget and to monitor budget execution. Forecasts are produced for Officer/Enlisted, month, detailing branch, and move type (Operational, Rotational, and Training.(ORT)).

The method and forecasts are useful for a variety of reasons. The forecasts are based on simple, known assumptions and provide an objective estimate of future PCS moves. Thus, these forecasts can be used as a starting point for what-if analyses, since these forecasts assume no changes in current PCS policies. Finally, the projections can be used as a baseline for comparison to detailer-specified move requirements.

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INTRODUCTION

Problem

For budget development purposes, the Navy needs objective, defensible forecasts of Permanent Change of Station (PCS) moves. Move forecasts for budget development have been derived from decentralized, ad hoc methods. These forecasts have been difficult to defend in budget reviews. Defensible forecasts would ensure that sufficient funds are allocated to support PCS move policies. These forecasts would also alert planners when policy changes are needed to stay within budget.

Objective

This report describes a statistical method for forecasting the number of PCS moves the Navy expects to make over a 3 year planning horizon. These methods are based on current and historical PCS move patterns and reflect the anticipated number of moves necessary if underlying PCS move impacting policies remain constant over the forecast horizon.

After some background on PCS moves, the report describes the method used to make the forecasts. Then, model estimates are shown for FY89, FY90, and FY91. Appendix A contains detailed tables of officer FY86-FY88 PCS actual operational, rotational, and training (ORT) moves and the FY89-FY91 forecasts by month and detailing branch. Appendix B contains similar tables for the enlisted members.

PCS Budget Development

The Naval Military Personnel Command's MPN Financial Management Department (NMPC-7) is responsible for developing and executing the Navy's manpower appropriation, also known as Military Personnel, Navy (MPN). The MPN submission is reviewed at least three times, first, by the Comptroller of the Navy, then, by the Office of the Secretary of Defense (OSD), and finally, by Congress. This process, diagrammed in Figure 1 for the FY91 budget, takes most of the preceding 2 fiscal years (FY89-FY90) to complete.

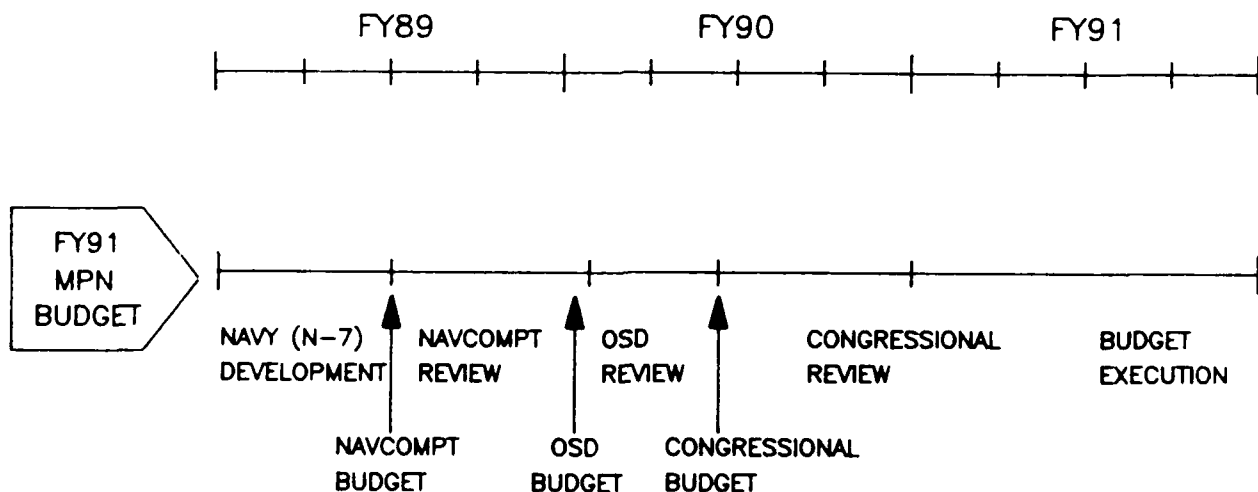


Figure 1. MPN budget development (NMPC-7).

In addition to pay and allowances, the MPN appropriation includes reimbursements for expenses incurred to move members and their dependents between duty stations. These transfers are known as PCS moves. To support budget development, a forecast of PCS moves must be made for the current year (CY) and the next 2 years (CY + 1, CY + 2).

The budget contains estimates for six types of PCS moves. The number of FY88 moves for each of the six types is listed in Table 1. Accession, separation, and organized unit moves are referred to jointly as "mandatory" moves, because the Navy has limited control over such moves. Mandatory moves are relatively fixed once strength objectives are agreed upon. In contrast, ORT moves are referred to as "discretionary" moves. These moves are a function of sea/shore rotation policies, current management practices, and training plans.

Table 1
FY88 PCS Cost Moves

Move Type	Officer	Enlisted
Mandatory		
Accession	5,993	96,684
Separation	5,943	88,902
Organized Unit	763	6,152
Total	12,699	191,738
Discretionary		
Operational	7,465	33,252
Rotational	5,205	29,485
Training	8,304	26,556
Total	20,974	89,293
Total	33,673	281,031

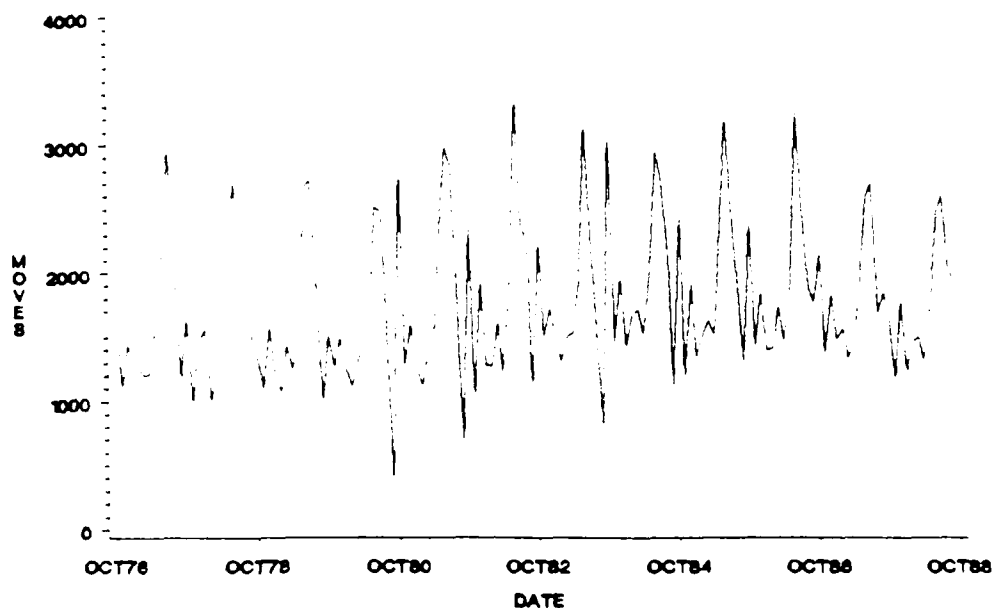
Source. 30 Sep 88 S8330 Report (PCS Variance Analysis Division, Navy Family Allowance Activity).

Since the Navy has limited control over "mandatory" PCS moves, the emphasis of this investigation was to develop forecasts for "discretionary" PCS move types.

Previously, NMPC's enlisted detailing branches derived independent forecasts of their PCS moves. These forecasts were then combined to produce a total enlisted PCS ORT moves forecast. The detailing branches produced their forecasts using a variety of undocumented techniques. Some branches used the Projected Rotation Date (PRD) as a basis for predicting future PCS moves, while other branches used last year's moves with an inflation factor. In most cases, the branches were able to provide little defense for their forecasts.

The Navy's inability to defend a PCS budget required to support its move policies has lead to erratic aggregate move patterns. These patterns are displayed in Figure 2 for officer and enlisted ORT moves, respectively.

OFFICER DISCRETIONARY MOVES



ENLISTED DISCRETIONARY MOVES

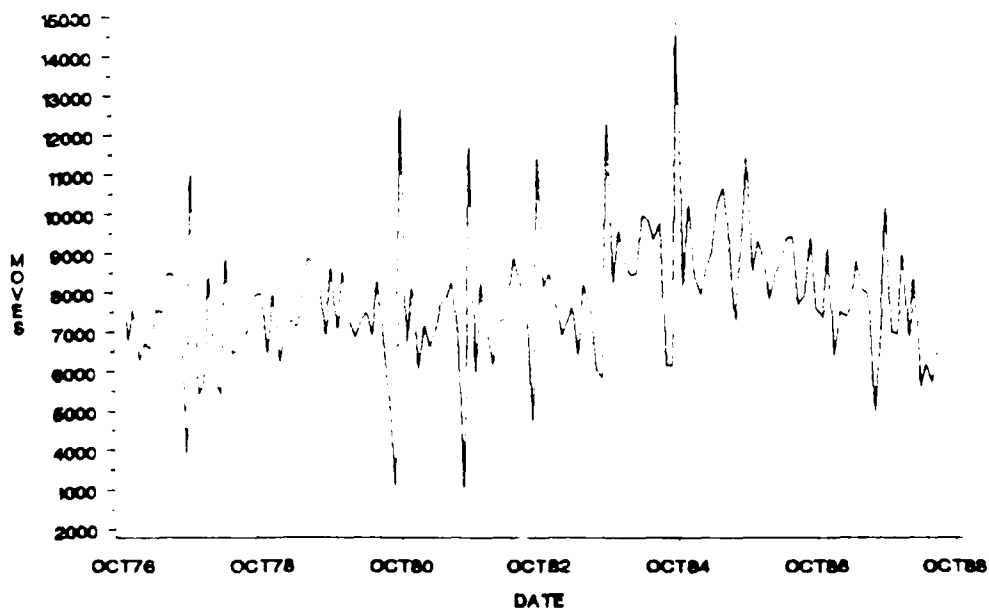


Figure 2. Officer and enlisted operational, rotational, and training moves.

APPROACH

A technique known as "tree classification" was used to generate move forecasts. Tree classification assigns the "target population" (every member on active duty in the Navy during the forecast horizon) to exactly one class. The classes are designed so that the move behavior of the individuals within a class will be homogeneous. The tree classification model assumes that current PCS move policies will remain in effect during the forecast years, implying that the within-class impact of these policies on move behavior will also remain constant. Thus, no trend is assumed in the model. The classification tree used in the analysis is shown in Figure 3.

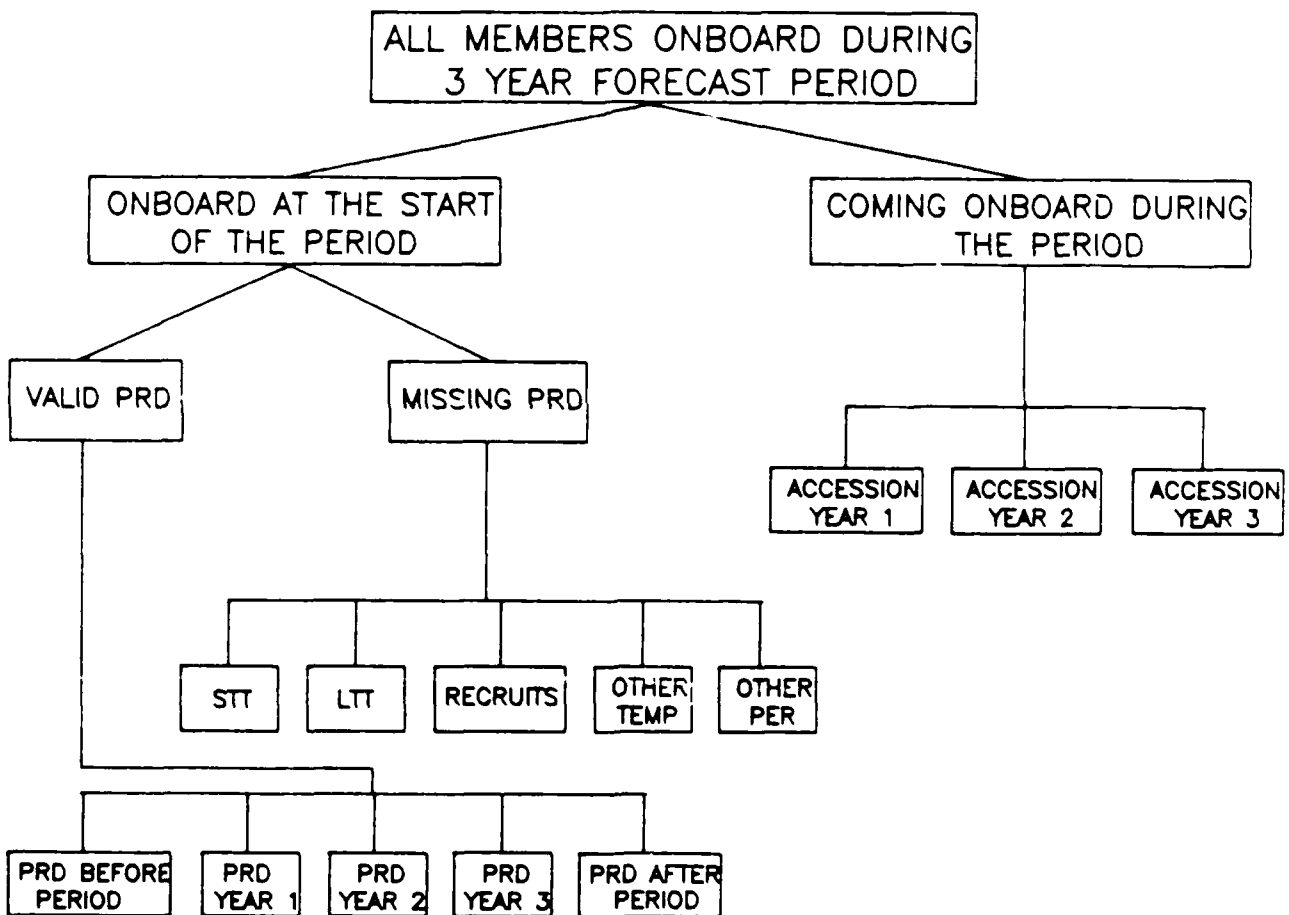


Figure 3. Classification tree.

Initially, the tree distinguishes between members onboard at the beginning of the 3 year forecast horizon and those members who will enter the Navy sometime during the forecast horizon. Since little is known about future accessions, these members are classified only by their accession year. The actual number of members falling into these

accession groups is not known in advance. The ideal estimate would be the latest accession plan. However, in the absence of accession plans, the number of accessions from the most recently completed fiscal year is used. The specific accession counts assumed for the projections in this report were 7,500 officers and 86,000 enlisted. These counts represent those accessions expected to "survive" through the end of their year of entry. (These counts are roughly the number of "surviving" accessions during FY88.)

Most members onboard at the beginning of the forecast horizon have a PRD, the date the Navy expects to move the member to a new duty assignment. The tree classifies these members by the year of their PRD. Most members have a PRD occurring within the forecast horizon. These members are classified into one of three groups: Members with a PRD falling within the first forecast year (for example, FY89); members whose PRD falls in the second forecast year (FY90); and members whose PRD is in the third forecast year (FY91, the Program Objectives Memorandum (POM) year). All members with a PRD occurring prior to the forecast horizon are classified into a fourth group. Members whose PRD extends beyond the forecast period comprise a fifth classification group.

The remaining unclassified members have no PRD. Most of these members are in temporary duty or in training. The Accounting Category Code (ACC) is used to further classify these members. Enlisted members are classified into five groups. The three largest categories are short-term training (STT), long-term training (LTT) (which covers training lasting more than 20 weeks) and recruit training. The remaining two categories, Other Temporary Duty and Other Permanent Duty are small miscellaneous categories containing the remaining members. Officers, however, are only classified into two groups, Other Temporary Duty and Other Permanent Duty. Both of these groups are small because most officers have a PRD.

Once individuals have been grouped into classes using the classification tree, PCS move forecasts are made for each class separately. A set of within-class probabilities gives the proportion of the class expected to make PCS moves for each of the next 3 years. Separate forecasts are made for each cost/total, O/R/T, and detailing branch combination.

For each forecast year, a within-class probability is calculated for each of these type of moves. For example, one within-class probability would be the proportion of all enlisted members currently in long-term training who would be expected to make an Operational, Cost PCS move in January FY89 and who are detailed by NMPC-402, the Engineering/Hull Assignment Branch. The move type is a Cost/Op/FY89/Jan/N-402 move.

For the non-accession classes, the forecast for a move type is the product of the number of members onboard in the class at the end of FY88 and the within-class probability for that move type. For accession classes, the forecast is quite similar, being the product of the projected "surviving" accessions and the within-class probability for that accession class. This product represents the number of members in the class that would be expected to make that type of PCS move. Move forecasts are summed across classes to yield forecasts by the types listed in Table 2.

Table 2
PCS ORT Cost Move Forecasts

Year	Officer Cost Move Forecasts			
	Cp	Rot	Tra	Total
FY89	7,270	5,086	8,251	20,607
FY90	7,430	5,170	8,059	20,659
FY91	8,178	5,581	7,906	21,665
	Enlisted Cost Move Forecasts			
FY89	31,686	28,219	26,424	86,329
FY90	33,172	29,506	27,079	89,757
FY91	34,712	30,629	27,604	92,945

Calculating Within-class Probabilities

The within-class probability of making a PCS move during the forecast horizon is calculated using only the most recent move behavior, in this case, FY88. The within-class probabilities of moves 1 year ahead (FY89) is derived using the move behavior of members whose classes are based on the Officer Master File (OMF) and Enlisted Master Record (EMR), 1 year previous (FY87). The within-class probability of an FY89 move for move type I within-class C, is defined as:

$$\text{PROB}(I,C,\text{FY89}) = \frac{\text{Number of FY88 Moves of Move Type I Made by End of FY87 Members of Class C}}{\text{Number of End FY87 Members in Class C}}$$

The derivation of within-class probabilities for FY90 is analogous to the FY89 procedure, except the end FY86 master files are used instead of the end FY87 master files. In this case, the FY88 actual move behavior represented moves 2 years in the future, and hence, is used to forecast FY90 (2 years ahead) moves rather than FY89 (1 year ahead) moves. Similarly, end FY85 master files were paired with FY88 moves to construct within-class probabilities for 3 years ahead (FY91) moves.

The within-class probabilities for FY90 and FY91, respectively, are:

$$\text{PROB}(I,C,\text{FY90}) = \frac{\text{Number of FY88 Moves of Move Type I Made by End of FY86 Members of Class C}}{\text{Number of End FY86 Members in Class C}}$$

and

$$\text{PROB}(I,C,\text{FY91}) = \frac{\text{Number of FY88 Moves of Move Type I Made by End of FY85 Members of Class C}}{\text{Number of End FY85 Members in Class C}}$$

RESULTS

Table 2 gives PCS ORT cost move forecasts for FY89, FY90, and FY91. The primary reason for the increasing number of moves is the unusually high number of accessions during FY88 that "survived" their first year. These accessions made few ORT moves in FY88 but will be expected to make increasing numbers of ORT moves throughout the forecast horizon. In addition, the actual accession counts of surviving accessions during FY88 were used to forecast surviving accessions for FY89, FY90, and FY91. This higher than average accession survival rate would also drive the forecasts up somewhat.

Forecasts by Detailing Branch

These forecasts are constructed using FY88 actual move rates by branch. The results suggest considerable variation in the distribution of ORT moves among the detailing branches. For instance, the enlisted Submarine community makes numerous training moves, but relatively few rotational moves. In contrast, the Administration/Deck/Supply community makes few training moves. Their moves are largely operational and rotational.

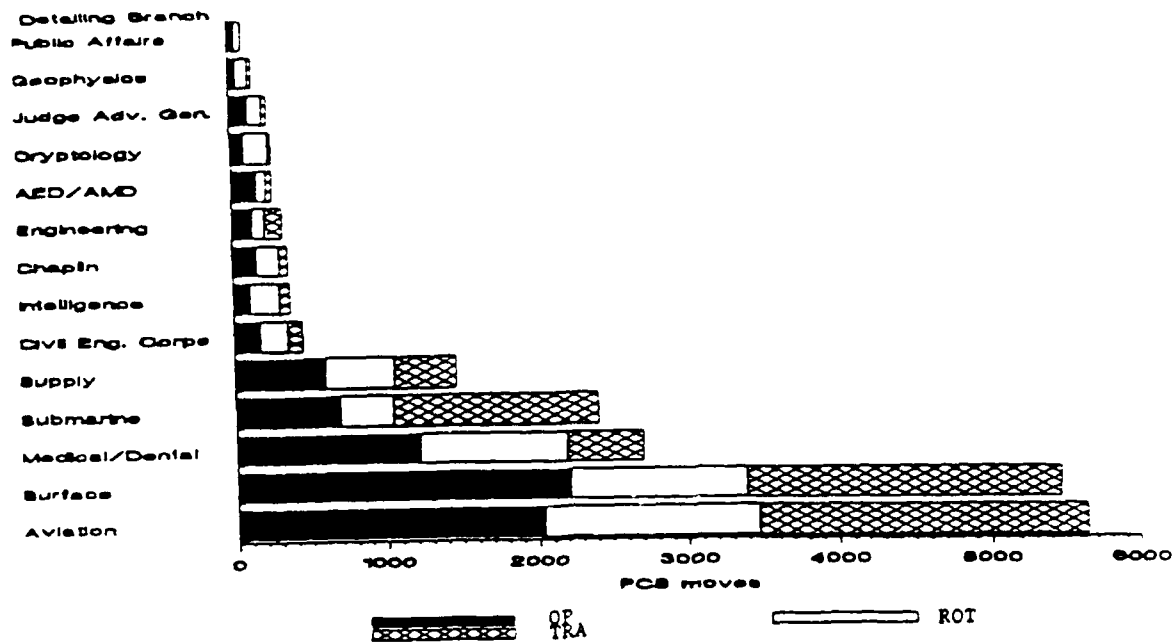
These forecasts by detailing branch can aid in the defense of the budget submission. When budget cuts are contemplated, these forecasts will show which branches will have to absorb the reductions and those likely to be less affected. Thus, they will permit a more detailed response to proposed cuts.

The FY91 move forecasts are displayed for officers and enlisted members in Figure 4. FY89 and FY90 forecasts are quite similar and are omitted. Detailed tables of all forecasts are provided in Appendices A and B.

Forecasts by Month

Monthly forecasts for FY89-FY91 are calculated using the average of the last 3 years' move rates for each move type, assuming that moves of the particular type are made in all 3 years. Otherwise the average of the available move rates is used. The monthly officer and enlisted forecasts for FY91 are displayed in Figure 5. Detailed forecasts for all years are provided in Appendices A and B.

Forecasted Officer PCS Moves By Detailing Branch For FY91



Forecasted Enlisted PCS Moves By Detailing Branch For FY91

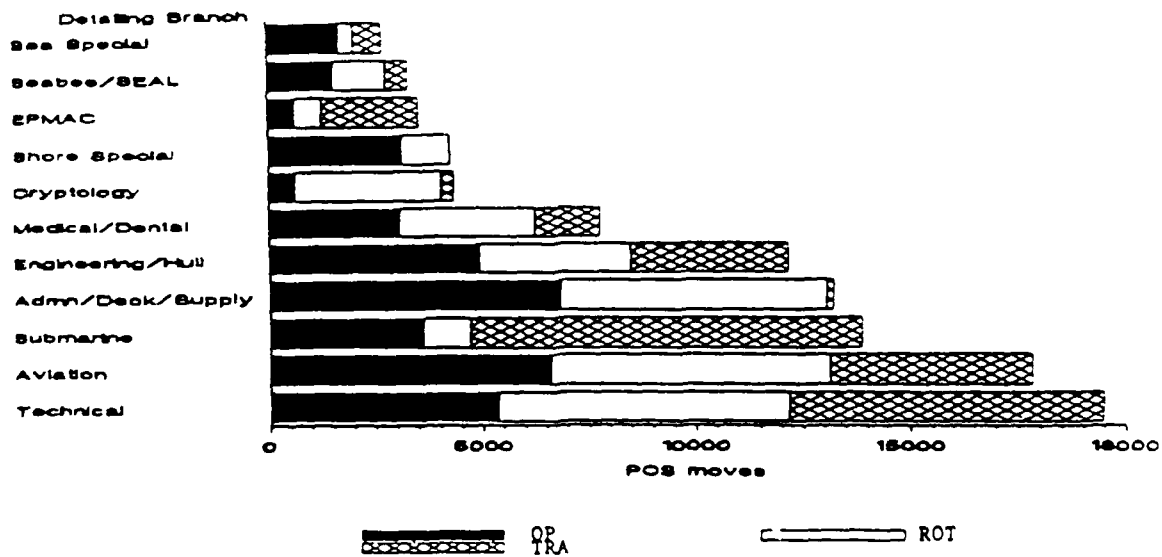
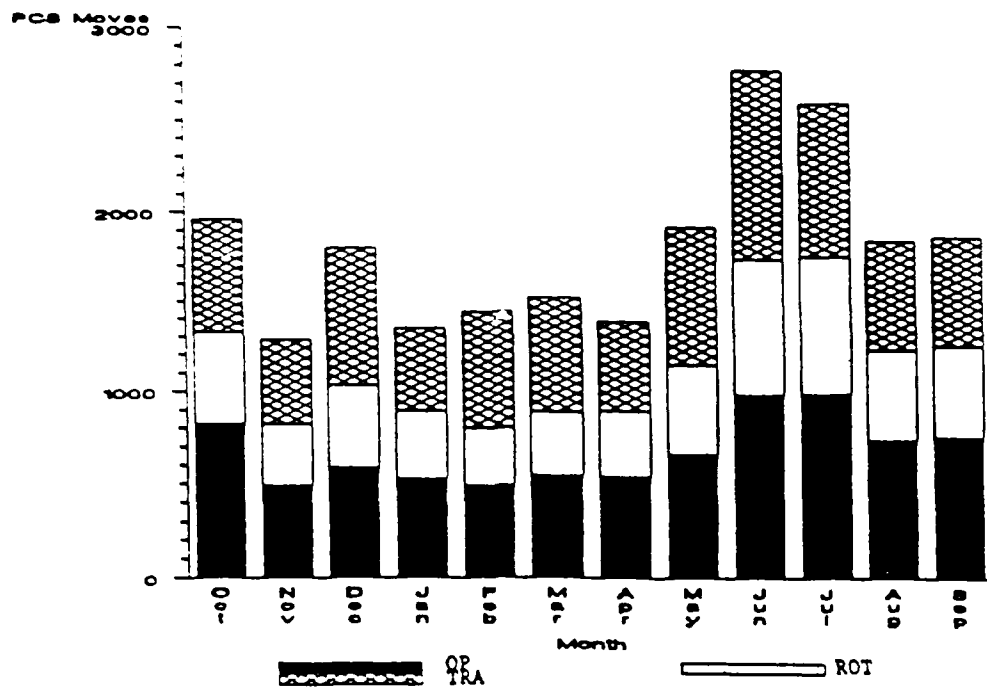


Figure 4. FY91 forecasted moves for officers and enlisted members.

Forecasted Officer PCS Moves By Month For FY91



Forecasted Enlisted PCS Moves By Month For FY91

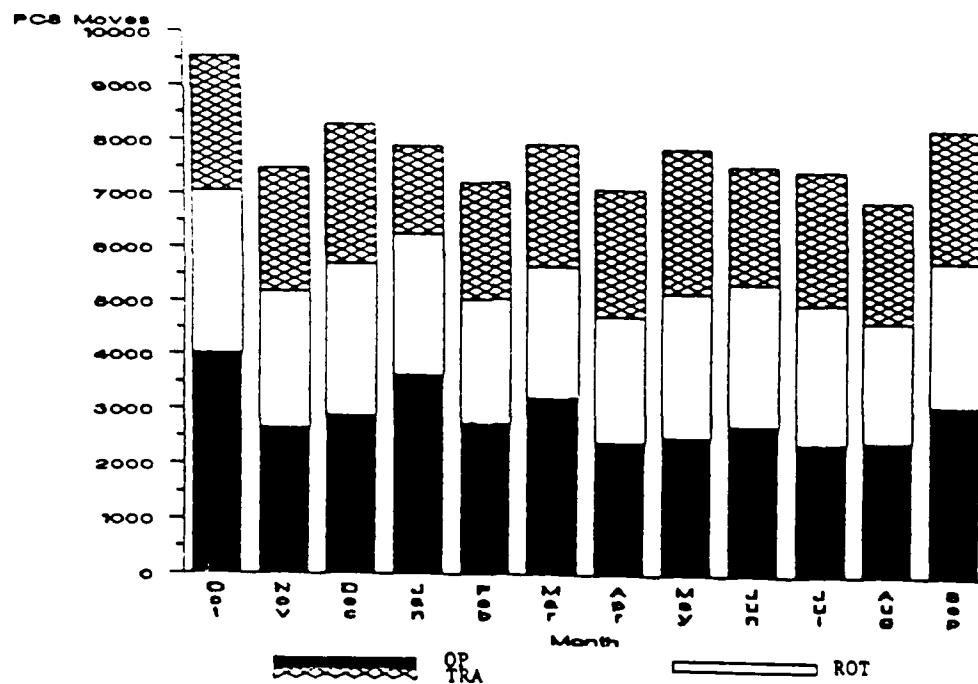


Figure 5. FY91 monthly forecasted moves for officer and enlisted members.

CONCLUSIONS

The tree classification model assumes that the current PCS policies will remain in effect throughout the forecast period, and there will be no trend in the within-class move rates. This approach produces objective forecasts that are simple to understand and improves the defense of the PCS budget by indicating groups of members (e.g., ratings) that will be forced to absorb the impact of any PCS changes. Finally, the model also provides accurate starting values of the number of PCS moves that are needed to execute current PCS move policies.

APPENDIX A
OFFICER ACTUAL AND FORECASTED ORT MOVE COUNTS

APPENDIX A
Part I

FY86, 87, and 88 Officer Actual ORT Move Counts/Percentages
by Month of Detachment and by Detailing Branch*

The branches described in the main body of the paper are groupings of the NMPC detailing branches. The groupings are listed. The tables below indicate which NMPC branches are grouped to get the tables in the main body.

Officer Branch Groups

N-41	Surface
N-42	Submarine
N-43	Aviation
N-4410	Cryptology
N-4411	Intelligence
N-4412	Supply
N-4413	Civil Eng. Corps
N-4414	Chaplain
N-4415	Medical/Dental
N-4416	Judge Adv. Gen.
N-445	Engineering
N-446	AED/AMD
N-448	Public Affairs
N-449	Geophysics

*Includes separate tables for cost moves and for total moves.

Officer Actual PCS Moves,
By Detailing Branch

PCS Actual Cost Moves	Move Type												Fiscal Year		
	Operational				Rotational				Training						
	Fiscal Year				Fiscal Year				Fiscal Year						
	FY86	FY87	FY88	FY89	FY86	FY87	FY88	FY89	FY86	FY87	FY88	FY89	FY86	FY87	FY88
	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves
Detailing Branch															
CNAIRA									605	985	898		605	985	898
N4B3		01	173			11	209								474
N41A	149	163	102	87	63	71	34	25	20	270	251	233			
N410	356	337	238	169	174	115	59	94	53	584	605	406			
N411	343	319	273	170	143	138	133	115	119	646	577	530			
N412	982	1036	927	366	514	412	174	203	185	3092	3580	3197			
N412J	847	685	454	551	487	298	90	113	34	1488	1285	786			
N413	98	75	80	103	93	83	133	105	106	334	273	269			
N42A	95	102	92	62	53	67	20	13	20	177	168	179			
N421	372	406	409	214	178	175	77	73	74	1356	1318	1329			
N422	21	31	31	51	41	41	80	73	75	814	746	757			
N423	151	124	103	103	87	78	61	41	21	260	215	183			
N43B	172	148	131	84	94	83	30	31	44	286	273	258			
N431	489	460	409	182	223	208	126	95	146	797	778	763			
N432	1457	1219	1088	1035	993	881	203	196	204	4524	4179	4018			
N4321/M	241	179	168	137	171	116	43	20	20	421	370	304			
N4410	61	64	79	205	136	139	32	16	20	298	216	238			
N4411	128	128	103	186	165	170	118	88	82	432	381	355			

(CONTINUED)

Officer Actual PCS Moves,
By Detailing Branch

PCS Actual Cost Moves	Move Type											
	Operational			Rotational			Training			Fiscal Year		
	Fiscal Year			Fiscal Year			Fiscal Year			Fiscal Year		
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves
Detailing Branch												
NH012B	761	586	560	454	385	416	469	511	423	1684	1482	1399
NH013	274	175	170	204	238	173	111	86	103	629	499	450
NH014	199	132	151	170	119	129	56	48	54	423	299	334
NH015B	321	305	210	355	332	236	63	71	53	699	708	499
NH015C	693	425	494	361	372	292	233	265	304	1287	1062	1090
NH015D	507	378	428	419	401	376	151	129	152	1077	908	956
NH016	133	112	111	114	109	80	33	25	35	280	246	226
NH018A	22	35	26	4	9	3	2	1	1	28	45	30
NH05	138	136	123	73	69	64	154	148	109	365	353	296
NH06	72	55	63	14	14	2	17	26	24	103	95	89
NH06C	87	97	88	41	37	41	19	19	19	147	153	148
NH08	57	31	43	45	36	28	8	8	10	110	75	81
NH09	67	63	48	84	75	70	27	25	26	178	163	144
OP-01F	72	64	70	41	34	32	.	1	.	113	99	102
OTHER	13	9	7	17	13	5	11	.	1	41	22	13
Total Cost Moves	9359	8051	7468	6055	5822	5194	8134	8537	8372	23548	22410	21034

Officer Actual PCS Move Percentages,
By Detailing Branch

PCS Actual Cost Move Percentages	Move Type												Fiscal Year		
	Operational			Rotational			Training								
	Fiscal Year			Fiscal Year			Fiscal Year								
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Detailing Branch															
CNA1RA	.1	.1	.1	.1	.1	.1	7.4	11.5	10.7	2.6	4.4	4.3			
N4B3	.1	0.0	2.3	.1	0.0	4.0	.1	.1	1.1	.1	0.0	2.3			
N41A	1.6	2.0	1.9	1.4	1.1	1.4	0.4	0.3	0.2	1.1	1.1	1.1			
N410	3.8	4.2	3.2	2.8	3.0	2.2	0.7	1.1	0.6	2.5	2.7	1.9			
N411	3.7	4.0	3.7	2.8	2.5	2.7	1.6	1.3	1.4	2.7	2.6	2.5			
N412	10.5	12.9	12.4	6.0	8.8	7.9	21.4	23.8	22.2	13.1	16.0	15.2			
N412J	9.1	8.5	6.1	9.1	8.4	5.7	1.1	1.3	0.4	6.3	5.7	3.7			
N413	1.0	0.9	1.1	1.7	1.6	1.6	1.6	1.2	1.3	1.4	1.2	1.3			
N412A	1.0	1.3	1.2	1.0	0.9	1.3	0.2	0.2	0.2	0.8	0.7	0.9			
N421	4.0	5.0	5.5	3.5	3.1	3.4	9.5	8.6	8.9	5.8	5.9	6.3			
N422	0.0	0.0	0.0	0.1	0.1	0.1	9.9	8.7	9.0	3.5	3.3	3.6			
N423	1.6	1.5	1.4	1.7	1.5	1.5	0.1	0.0	0.0	1.1	1.0	0.9			
N43B	1.8	1.8	1.8	1.4	1.6	1.6	0.4	0.4	0.5	1.2	1.2	1.2			
N431	5.2	5.7	5.5	3.0	3.8	4.0	1.5	1.1	1.7	3.4	3.5	3.6			
N432	15.6	15.1	14.6	17.1	17.1	17.0	25.0	23.0	24.5	19.2	18.6	19.1			
N4321/M	2.6	2.2	2.2	2.3	2.9	2.2	0.5	0.2	0.2	1.8	1.7	1.4			
N4410	0.7	0.8	1.1	3.4	2.3	2.7	0.4	0.2	0.2	1.3	1.0	1.1			

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Officer Actual PCS Move Percentages,
By Detailing Branch

PCS Actual Cost Move Percentages	Move Type												Fiscal Year	
	Operational			Rotational			Training			Fiscal Year				
	Fiscal Year			Fiscal Year			Fiscal Year							
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY88
	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Detailing Branch														
NH411	1.4	1.6	1.4	3.1	2.8	3.3	1.5	1.0	1.0	1.8	1.7	1.7		
NH412B	8.1	7.3	7.5	7.5	6.6	8.0	5.8	6.0	5.1	7.2	6.6	6.7		
NH413	2.9	2.2	2.3	4.0	4.1	3.3	1.4	1.0	1.2	2.7	2.2	2.1		
NH414	2.1	1.6	2.0	2.8	2.0	2.5	0.7	0.6	0.6	1.8	1.3	1.6		
NH415B	3.4	3.8	2.8	5.2	5.7	4.5	0.8	0.8	0.6	3.0	3.2	2.4		
NH415C	7.4	5.3	6.6	6.0	6.4	5.6	2.9	3.1	3.6	5.5	4.7	5.2		
NH415D	5.4	4.7	5.7	6.9	6.9	7.2	1.9	1.5	1.8	4.6	4.1	4.5		
NH416	1.4	1.4	1.5	1.9	1.9	1.5	0.4	0.3	0.4	1.2	1.1	1.1		
NH418A	0.2	0.4	0.3	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.2	0.1		
NH45	1.5	1.7	1.6	1.2	1.2	1.2	1.9	1.7	1.3	1.6	1.6	1.4		
NH46	0.8	0.7	0.8	0.2	0.2	0.0	0.2	0.3	0.3	0.4	0.4	0.4		
NH46C	0.9	1.2	1.2	0.7	0.6	0.8	0.2	0.2	0.2	0.6	0.7	0.7		
NH48	0.6	0.4	0.6	0.7	0.6	0.5	0.1	0.1	0.1	0.5	0.3	0.4		
NH49	0.7	0.8	0.6	1.4	1.3	1.3	0.3	0.3	0.3	0.8	0.7	0.7		
OP-01F	0.8	0.8	0.9	0.7	0.6	0.6		0.0		0.5	0.4	0.5		
OTHER	0.1	0.1	0.1	0.3	0.2	0.1	0.1		0.0	0.2	0.1	0.1		
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

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OFFICE ACTUAL PCS MOVES,
BY DETAILING BRANCH

PCS Actual Total Moves	Move Type												Fiscal Year	
	Operational						Detailing						Fiscal Year	
	Fiscal Year						Fiscal Year						Fiscal Year	
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY88
Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves
Detailing Branch														
NU012R	979	782		455	386	416	503	540	452	1937	1708	1610		
NU013	359	258		266	238	173	119	92	109	722	588	547		
NU014	254	200		170	119	129	57	51	56	481	370	419		
NU015R	351	352		316	359	236	85	114	87	752	801	571		
NU015C	807	586		362	372	292	273	310	344	1442	1268	1227		
NU015D	704	591		419	402	378	181	166	180	1304	1159	1169		
NU016	218	206		114	110	80	41	41	39	373	357	285		
NU018A	41	70		4	9	3	5	2	1	50	81	57		
NU05	208	210		73	69	64	157	153	109	438	432	358		
NU06	110	88		14	14	2	22	28	27	146	130	114		
NU06C	128	155		41	37	41	20	21	20	189	213	200		
NU08	84	49		45	36	29	11	10	10	140	95	105		
NU09	92	86		84	75	70	35	31	39	211	192	167		
OP-01F	119	98		41	34	32	1	1	1	160	133	144		
OTHER	21	20		17	13	5	12	1	1	50	33	16		
Total Moves	12448	11811	10721	6059	5834	5204	9343	10188	9930	27850	27833	25855		

OFFICER ACTUAL PCS MOVE PERCENTAGES
By Detailing Branch

PCS Actual Total Move Percentages	Move Type												Fiscal Year	
	Operational						Training							
	Fiscal Year						Fiscal Year							
	FY86	FY87	FY88	FY89	FY90	FY91	FY86	FY87	FY88	FY89	FY90	FY91	FY86	FY88
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Detailing Branch														
CNATRA														
N01B3	0.0	2.6			0.0	4.1						1.1	2.2	3.5
N01A	1.4	1.9	1.6	1.0	1.1	1.0	0.0	0.3	0.2			1.1	1.1	1.0
N010	3.4	3.8	3.0	2.8	3.0	2.2	0.9	1.1	0.7			2.4	2.7	1.9
N011	3.4	3.3	3.0	2.8	2.5	2.7	1.6	1.3				2.7	2.4	2.3
N012	9.7	11.8	11.8	6.0	8.8	7.9	10.8	22.6	21.1			12.3	15.1	14.6
N012J	9.4	9.6	6.5	9.1	8.4	5.8	1.2	1.4	0.4			6.6	6.3	4.0
N013	1.3	1.3	1.4	1.7	1.6	1.6	1.6	1.1	1.2			1.5	1.3	1.4
N02A	1.2	1.2	1.3	1.0	0.9	1.3	0.3	0.2	0.2			0.9	0.8	0.9
N021	3.9	4.9	5.2	3.5	3.1	3.4	9.0	7.8	8.0			5.5	5.5	5.9
N022	0.0	0.0	0.0	0.1	0.1	0.1	8.6	7.3	7.6			2.9	2.7	2.9
N023	1.9	2.0	1.9	1.7	1.5	1.5	0.1	0.1	0.0			1.3	1.2	1.1
N03B	1.7	1.7	1.6	1.4	1.6	1.6	0.4	0.5	0.6			1.2	1.3	1.2
N031	5.0	5.3	4.9	3.0	3.8	4.0	1.5	1.1	1.6			3.4	3.5	3.5
N032	15.9	15.8	16.3	17.1	17.0	16.9	20.6	28.2	30.4			20.8	20.6	21.9
N0321/M	3.1	2.8	2.7	2.3	2.9	2.2	0.6	0.3	0.3			2.1	1.9	1.7
N0410	0.8	0.9	1.2	1.4	1.1	2.7	0.4	0.2	0.2			1.2	0.9	1.1

(CONTINUED)

Officer Actual PCS Move Percentages
By Detailing Branch

PCS Actual Total Move Percentages	Move Type											
	Operational						Training					
	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Detailing Branch												
N0011	1.6	2.0	1.6	3.1	2.8	3.3	1.4	1.2	1.0	1.9	1.9	1.7
N0012B	7.9	6.6	6.9	7.5	6.6	8.0	5.6	5.3	4.6	7.0	6.1	6.2
N0013	2.9	2.2	2.5	4.0	4.1	3.3	1.3	0.9	1.1	2.6	2.1	2.1
N0014	2.0	1.7	2.2	2.8	2.0	2.5	0.6	0.5	0.6	1.7	1.3	1.6
N0015B	2.8	3.0	2.3	5.2	5.7	4.5	0.9	1.1	0.9	2.7	2.9	2.2
N0015C	6.5	5.0	5.5	6.0	6.4	5.6	2.9	3.0	3.5	5.2	4.6	4.7
N0015D	5.7	5.0	5.7	6.9	6.9	7.3	1.9	1.6	1.8	4.7	4.2	4.5
N0016	1.8	1.7	1.5	1.9	1.9	1.5	0.4	0.4	0.4	1.3	1.3	1.1
N0018A	0.3	0.6	0.5	0.1	0.2	0.1	0.1	0.0	0.0	0.2	0.3	0.2
N005	1.7	1.8	1.7	1.2	1.2	1.2	1.7	1.5	1.1	1.6	1.6	1.4
N006	0.9	0.7	0.8	0.2	0.2	0.0	0.2	0.3	0.3	0.5	0.5	0.4
N006C	1.0	1.3	1.3	0.7	0.6	0.8	0.2	0.2	0.2	0.7	0.8	0.8
N008	0.7	0.4	0.6	0.7	0.6	0.6	0.1	0.1	0.1	0.5	0.3	0.4
N009	0.7	0.7	0.5	1.4	1.3	1.3	0.4	0.3	0.4	0.8	0.7	0.6
OP-011	1.0	0.8	1.0	0.7	0.6	0.6		0.0		0.6	0.5	0.6
OTHER	0.2	0.2	0.1	0.3	0.2	0.1	0.1		0.0	0.2	0.1	0.1
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Official Actual PCS Moves,
By Month of Detachment

PCS Actual Cost Moves	Move Type												Fiscal Year	
	Operational			Potational			Training			Fiscal Year				
	Fiscal Year			Fiscal Year			Fiscal Year			Fiscal Year				
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY88
	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves
Month of Detachment														
OCT	1051	937	650	637	500	416	738	682	574	2426	2163	1640		
NOV	557	494	457	355	337	313	511	536	402	1423	1367	1172		
DEC	690	550	535	474	469	407	704	833	847	1868	1852	1789		
JAN	597	586	459	366	410	300	457	505	480	1420	1505	1243		
FEB	533	484	475	295	366	292	604	732	694	1432	1582	1461		
MAR	619	472	521	382	318	330	754	563	656	1755	1353	1507		
APR	585	554	493	376	399	289	528	552	534	1489	1505	1316		
MAY	795	644	538	529	484	430	658	862	846	1982	1990	1814		
JUN	1300	918	817	864	738	662	1127	965	999	3351	2621	2478		
JUL	1147	982	946	788	761	736	682	1011	927	2617	2754	2609		
AUG	727	704	778	501	491	517	701	552	753	1929	1747	2048		
SEP	758	726	799	488	501	498	610	744	660	1856	1971	1957		
Total Cost Moves	9359	8051	7468	6055	5822	5194	8134	8537	8372	23548	22410	21034		

Officer Actual PCS Move Percentages,
By Month of Detachment

PCS Actual Cost Move Percentages	Move Type												Fiscal Year			
	Operational			Potational			Training									
	Fiscal Year			Fiscal Year			Fiscal Year									
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY88
	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Month of Detachment																
OCT	11.2	11.6	8.7	10.5	9.3	8.0	9.1	8.0	6.9	10.3	9.7	7.8				
NOV	6.0	6.1	6.1	5.9	5.8	6.0	6.3	6.3	4.8	6.0	6.1	5.6				
DEC	7.4	6.8	7.2	7.8	8.1	7.8	8.7	9.8	10.1	7.9	8.3	8.5				
JAN	6.4	7.3	6.1	6.0	7.1	5.9	5.6	5.9	5.7	6.0	6.7	5.9				
FEB	5.7	6.0	6.4	4.9	6.3	5.6	7.4	8.6	8.3	6.1	7.1	6.9				
MAR	6.6	5.9	7.0	6.3	5.5	6.4	9.3	6.6	7.8	7.5	6.0	7.2				
APR	6.3	6.9	6.6	6.2	6.9	5.6	6.5	6.5	6.4	6.3	6.7	6.3				
MAY	8.5	8.0	7.2	8.7	8.3	8.3	8.1	10.1	10.1	8.4	8.9	8.6				
JUN	13.9	11.4	10.9	14.3	12.7	12.7	14.6	11.3	11.9	14.2	11.7	11.8				
JUL	12.3	12.2	12.7	13.0	13.1	14.2	8.4	11.8	11.1	11.1	12.3	12.4				
AUG	7.8	8.7	10.4	8.3	8.4	10.0	8.6	6.5	9.0	8.2	7.8	9.7				
SEP	8.1	9.0	10.7	8.1	8.6	9.6	7.5	8.7	7.9	7.9	8.8	9.3				
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Officer Actual PCS Moves,
By Month of Detachment

PCS Actual Total Moves	Move Type												Fiscal Year		
	Operational			Rotational			Training								
	Fiscal Year			Fiscal Year			Fiscal Year								
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves
Month of Detachment															
OCT	1360	1285	902	638	545	416	818	836	724	2816	2666	2042			
NOV	738	804	692	355	338	313	582	617	518	1675	1759	1523			
DEC	894	834	791	474	470	407	804	990	935	2172	2294	2133			
JAN	809	841	701	366	414	305	553	614	635	1728	1869	1641			
FEB	693	716	699	295	367	293	666	829	823	1654	1912	1815			
MAR	813	768	764	382	320	330	842	724	752	2037	1812	1806			
APR	826	861	748	377	399	291	595	650	677	1798	1910	1716			
MAY	1069	914	790	529	486	432	771	1031	973	2369	2431	2195			
JUN	1670	1322	1113	864	739	664	1362	1177	1195	3896	3238	2972			
JUL	1524	1444	1331	790	763	737	808	1198	1071	3122	3405	3139			
AUG	1040	1046	1107	501	422	518	842	685	886	2383	2223	2511			
SEP	1012	976	1083	488	501	498	700	837	741	2200	2314	2322			
Total Moves	12448	11811	10721	6059	5834	5204	9343	10188	9930	27850	27833	25855			

Officer Actual PCS Move Percentages,
By Month of Detachment

PCS Actual Total Move Percentages	Move Type											
	Operational			Potational			Training			Fiscal Year		
	Fiscal Year			Fiscal Year			Fiscal Year			Fiscal Year		
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Month of Detachment												
OCT	10.9	10.9	8.4	10.5	9.3	8.0	8.8	8.2	7.3	10.1	9.6	7.9
NOV	5.9	6.8	6.5	5.9	5.8	6.0	6.2	6.1	5.2	6.0	6.3	5.9
DEC	7.2	7.1	7.4	7.8	8.1	7.8	8.6	9.7	9.4	7.8	8.2	8.2
JAN	6.5	7.1	6.5	6.0	7.1	5.9	5.9	6.0	6.4	6.2	6.7	6.3
FEB	5.6	6.1	6.5	4.9	6.3	5.6	7.1	8.1	8.3	5.9	6.9	7.0
MAR	6.5	6.5	7.1	6.3	5.5	6.3	9.0	7.1	7.6	7.3	6.5	7.1
APR	6.6	7.3	7.0	6.2	6.8	5.6	6.4	6.4	6.8	6.5	6.9	6.6
MAY	8.6	7.7	7.4	8.7	8.3	8.3	8.3	10.1	9.8	8.5	8.7	8.5
JUN	13.4	11.2	10.4	14.3	12.7	12.8	14.6	11.6	12.0	14.0	11.6	11.5
JUL	12.2	12.2	12.4	13.0	13.1	14.2	8.6	11.8	10.8	11.2	12.2	12.1
AUG	8.4	8.9	10.3	8.3	8.4	10.0	9.0	6.7	8.9	8.6	8.0	9.7
SEP	8.1	8.3	10.1	8.1	8.6	9.6	7.5	8.2	7.5	7.9	8.3	9.0
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX A
Part II

FY89, 90, and 91 Forecasted Officer ORT Moves Distributed to
Months of Detachment and by Detailing Branches
(Number of Moves and Percent Distributions)*

*Includes separate tables for cost moves and for total moves.

Officer PCS Move Forecasts Using 88 Rates.
By Detailing Branch

PCS Cost Move Forecasts	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Cost	Moves	Forecast Year	Cost	Moves	Forecast Year	Cost	Moves	Forecast Year	Cost	Moves	Forecast Year
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Detailing Branch	Cost	Moves		Cost	Moves		Cost	Moves		Cost	Moves	
CNAIRA	1161	1361	1691	2051	2121	2261	901	931	991	8721	8181	7671
N4B3	1401	1421	1461	691	701	731	201	201	191	2291	2321	2371
N41A	2321	2351	2441	1121	1151	1211	521	531	551	3961	4031	4201
N410	2661	2681	2711	1341	1361	1391	1151	1181	1201	5151	5221	5311
N412	9071	9171	10021	4041	4031	4141	18231	18131	17481	31341	31331	31641
N412J	4471	4511	4861	2931	2961	3291	331	341	351	7731	7811	8501
N413	781	791	801	811	811	821	1041	1021	1001	2621	2621	2621
N41A	901	901	1051	661	661	681	191	191	201	1751	1761	1921
N421	4021	4081	4781	1711	1751	1881	7271	7291	7031	12991	13111	13691
N422	31	31	31	41	41	41	7611	6991	6401	7681	7061	6461
N423	1051	1071	1161	771	811	841	21	21	21	1841	1901	2031
N43B	1291	1331	1371	821	841	931	421	441	451	2531	2611	2751
N431	4011	4181	4491	2031	2091	2341	1461	1461	1581	7451	7731	8411
N432	10611	10831	12781	8711	8661	9551	20501	19781	19531	39821	39281	41851
N4321/M	1651	1701	1881	1141	1171	1331	201	201	201	2991	3061	3411
N4410	781	791	891	1361	1391	1561	191	191	201	2331	2371	2651
N4411	1021	1041	1141	1661	1701	1831	811	781	801	3491	3521	3771

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Officer PCS Move Forecasts Using 88 Rates.
By Detailing Branch

PCS Cost Move Forecasts	Move Type												Forecast Year		
	Operational			Potational			Training								
	Forecast Year			Forecast Year			Forecast Year								
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing															
Branch															
N0012B	553	561	610	406	408	447	413	398	408	1372	1367	1464			
N0013	169	172	177	168	171	177	100	102	103	436	444	458			
N0014	148	153	166	126	130	143	53	55	56	327	338	363			
N0015B	208	216	239	230	246	264	52	54	56	490	516	559			
N0015C	484	486	513	284	289	298	298	294	296	1065	1069	1106			
N0015D	418	421	474	365	373	411	147	147	158	930	941	1043			
N0016	110	117	124	80	84	85	34	36	40	225	237	248			
N0018A	26	26	28	3	3	3	1	1	1	29	30	33			
N005	119	122	139	63	64	73	106	109	120	288	295	331			
N006	62	64	72	2	2	2	23	23	26	87	89	99			
N006C	86	89	102	40	41	48	18	18	20	145	148	170			
N008	42	47	51	27	29	32	10	10	11	79	86	94			
N009	47	50	52	69	70	76	25	26	27	141	146	155			
OP-01F	71	75	76	32	32	34	0	0	0	102	107	110			
OTHER	7	7	6	4	4	4	1	1	1	13	12	11			
Total Cost	7270	7430	8178	5086	5170	5581	8251	8059	7906	20607	20659	21665			
Moves															

Officer PCS Move Forecast Percentages Using RR Rates,
By Detailing Branch

PCS Cost Move Forecast Percentages	Move Type												Forecast Year			
	Operational			Potational			Training			Forecast Year						
	Forecast Year			Forecast Year			Forecast Year			Forecast Year						
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY91
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing																
Branch																
CNAIRA										10.6	10.1	9.7	4.2	4.0	3.5	
NUB3	1.6	1.8	2.1	4.0	4.1	4.1	4.1	1.1	1.2	1.3	2.0	2.1	2.1	2.3		
NU1A	1.9	1.9	1.8	1.4	1.4	1.3	0.2	0.2	0.2	0.2	1.1	1.1	1.1	1.1	1.1	
NU10	3.2	3.2	3.0	2.2	2.2	2.2	0.6	0.7	0.7	0.7	1.9	2.0	2.0	1.9		
NU11	3.7	3.6	3.3	2.6	2.6	2.5	1.4	1.5	1.5	1.5	2.5	2.5	2.5	2.4		
NU12	12.5	12.3	12.3	8.0	7.8	7.4	22.1	22.5	22.1	22.1	15.2	15.2	15.2	14.6		
NU12J	6.2	6.1	5.9	5.8	5.7	5.9	0.4	0.4	0.4	0.4	3.8	3.8	3.8	3.9		
NU13	1.1	1.1	1.0	1.6	1.6	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2		
NU2A	1.2	1.2	1.3	1.3	1.3	1.2	0.2	0.2	0.3	0.3	0.8	0.9	0.9	0.9		
NU21	5.5	5.5	5.8	3.4	3.4	3.4	8.8	9.0	8.9	6.3	6.3	6.3	6.3	6.3		
NU22	0.0	0.0	0.0	0.1	0.1	0.1	9.2	8.7	8.1	3.7	3.4	3.0				
NU23	1.4	1.4	1.4	1.5	1.6	1.5	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9		
NU3B	1.8	1.8	1.7	1.6	1.6	1.7	0.5	0.5	0.6	1.2	1.3	1.3				
NU31	5.5	5.6	5.5	4.0	4.0	4.2	1.7	1.8	2.0	3.6	3.7	3.9				
NU32	14.6	14.6	15.6	17.1	16.8	17.1	24.8	24.5	24.7	19.3	19.0	19.3				
NU321/M	2.3	2.3	2.3	2.2	2.3	2.4	0.2	0.2	0.3	1.5	1.5	1.6				
NU410	1.1	1.1	1.1	2.7	2.7	2.8	0.2	0.2	0.3	1.1	1.1	1.2				
NU411	1.4	1.4	1.4	3.3	3.3	3.3	1.0	1.0	1.0	1.7	1.7	1.7				

(CONTINUED)

Officer PCS Move Forecast Percentages Using 88 Rates,
By Detailing Branch

PCS Cost Move Forecast Percentages	Move Type											
	Operational				Rotational				Training			
	Forecast Year				Forecast Year				Forecast Year			
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves	Percent Cost Moves
Detailing Branch												
NH12B	7.6	7.6	7.5	8.0	7.9	8.0	5.0	4.9	5.2	6.7	6.6	6.8
NH13	2.3	2.3	2.2	3.3	3.3	3.2	1.2	1.3	1.3	2.1	2.2	2.1
NH14	2.0	2.1	2.0	2.5	2.5	2.6	0.6	0.7	0.7	1.6	1.6	1.7
NH15B	2.9	2.9	2.9	4.5	4.8	4.7	0.6	0.7	0.7	2.4	2.5	2.6
NH15C	6.7	6.5	6.3	5.6	5.6	5.3	3.6	3.6	3.7	5.2	5.2	5.1
NH15D	5.7	5.7	5.8	7.2	7.2	7.4	1.8	1.8	2.0	4.5	4.6	4.8
NH16	1.5	1.6	1.5	1.6	1.6	1.5	0.4	0.4	0.5	1.1	1.1	1.1
NH18A	0.4	0.4	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2
NH15	1.6	1.6	1.7	1.2	1.2	1.3	1.3	1.3	1.5	1.4	1.4	1.5
NH16	0.9	0.9	0.9	0.0	0.0	0.0	0.3	0.3	0.3	0.4	0.4	0.5
NH16C	1.2	1.2	1.2	0.8	0.8	0.9	0.2	0.2	0.3	0.7	0.7	0.8
NH18	0.6	0.6	0.6	0.5	0.6	0.6	0.1	0.1	0.1	0.4	0.4	0.4
NH19	0.6	0.7	0.6	1.4	1.4	1.4	0.3	0.3	0.3	0.7	0.7	0.7
OP-01F	1.0	1.0	0.9	0.6	0.6	0.6	0.0	0.0	0.0	0.5	0.5	0.5
OTHER	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Officer PCS Move Forecasts Using 88 Rates,
By Detailing Branch

PCS Move Forecasts	Move Type										forecast Year			
	Operational					Rotational					Training			
	forecast Year					forecast Year					forecast Year			
	FY89	FY90	FY91	Total Moves	Total	FY89	FY90	FY91	Total Moves	Total	FY89	FY90	FY91	Total Moves
Detailing Branch														
CNAIRA														
NH03	279	295	312	207	214	228	107	111	119	119	884	829	777	777
NH1A	171	174	178	69	70	73	22	22	23	23	262	262	265	273
NH10	313	317	326	112	115	121	64	65	68	68	488	488	497	515
NH11	318	321	325	130	136	139	128	130	133	133	580	580	588	598
NH12	1235	1249	1353	405	404	416	2061	2048	1962	1962	3701	3701	3702	3731
NH12J	686	691	741	295	298	331	42	43	45	45	1023	1032	1032	1118
NH13	151	153	155	81	81	82	116	114	110	110	347	347	349	348
NH2A	133	134	152	66	66	68	23	23	26	26	222	222	223	246
NH21	550	561	653	172	176	189	774	776	752	752	1495	1495	1513	1593
NH22	3	3	3	4	4	4	162	700	640	640	769	769	707	647
NH23	210	222	238	77	81	84	2	2	2	2	289	304	325	325
NH3R	169	175	180	82	84	93	58	61	62	62	310	320	336	336
NH31	517	538	580	203	209	234	158	162	175	175	878	909	990	990
NH32	1718	1755	2028	872	867	956	3024	2928	2908	2908	5613	5551	5892	5892
NH321/M	289	295	332	114	117	133	29	28	30	30	431	439	495	495
NH410	127	130	139	136	139	156	20	21	21	21	282	290	316	316
NH411	175	179	195	166	170	183	95	93	94	94	437	442	472	472

(CONTINUED)

Officer PCS Move Forecasts Using 88 Rates,
By Detailing Branch

PCS Total Move Forecasts	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year			Forecast Year			Forecast Year			Forecast Year		
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing Branch												
NU012B	734	745	808	406	408	447	441	428	439	1581	1580	1694
NU013	260	264	270	168	171	177	105	107	109	533	543	557
NU014	231	238	251	126	130	143	55	57	58	412	425	452
NU015B	246	256	283	230	246	264	80	88	94	560	590	641
NU015C	579	582	607	284	289	298	337	332	337	1200	1203	1242
NU015D	599	609	672	367	375	413	175	175	187	1141	1159	1272
NU016	166	176	180	80	80	85	38	40	45	284	300	310
NU018A	52	53	59	3	3	3	1	1	1	56	57	63
NU015	182	186	204	63	60	73	106	109	120	350	358	396
NU016	84	87	94	2	2	2	26	26	29	112	115	125
NU016C	136	141	160	40	41	48	19	19	22	196	202	229
NU018	65	74	75	28	30	34	10	10	11	103	114	120
NU019	58	61	62	69	70	76	38	39	42	164	170	180
OP-01F	113	118	121	32	32	34	0	0	0	144	151	155
OTHER	11	10	10	4	4	4	1	1	1	16	15	15
Total Moves	10560	10792	11745	5096	5179	5593	9804	9580	9442	25460	25560	26780

OFFICER PCS Move Forecast Percentages, During BB Rates,
By Detailing Branch

PCS Move Forecast Percentages	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year			Forecast Year			Forecast Year			Forecast Year		
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing Branch												
GNATRA	2.6	2.7	2.7	4.1	4.1	4.1	1.1	1.2	1.3	2.3	2.4	2.5
NH83	1.6	1.6	1.5	1.4	1.4	1.3	0.2	0.2	0.2	1.0	1.0	1.0
NH10	3.0	2.9	2.8	2.2	2.2	2.2	0.7	0.7	0.7	1.9	1.9	1.9
NH11	3.0	3.0	2.8	2.6	2.6	2.5	1.3	1.4	1.4	2.3	2.3	2.2
NH12	11.7	11.6	11.5	8.0	7.8	7.4	21.0	21.4	20.8	14.5	14.5	13.9
NH12J	6.5	6.4	6.3	5.8	5.8	5.9	0.4	0.4	0.5	4.0	4.0	4.2
NH13	1.4	1.4	1.3	1.6	1.6	1.5	1.2	1.2	1.2	1.4	1.4	1.3
NH2A	1.3	1.2	1.3	1.3	1.3	1.2	0.2	0.2	0.3	0.9	0.9	0.9
NH21	5.2	5.2	5.6	3.4	3.4	3.4	7.9	8.1	8.0	5.9	5.9	5.9
NH22	0.0	0.0	0.0	0.1	0.1	0.1	7.8	7.3	6.8	3.0	2.8	2.4
NH23	2.0	2.1	2.0	1.5	1.6	1.5	0.0	0.0	0.0	1.1	1.2	1.2
NH3B	1.6	1.6	1.5	1.6	1.6	1.7	0.6	0.6	0.7	1.2	1.3	1.3
NH31	4.9	5.0	4.9	4.0	4.0	4.2	1.6	1.7	1.9	3.5	3.6	3.7
NH32	16.3	16.3	17.3	17.1	16.7	17.1	30.8	30.5	30.8	22.0	21.7	22.0
NH321/M	2.7	2.7	2.8	2.2	2.3	2.4	0.3	0.3	0.3	1.7	1.7	1.8
NH410	1.2	1.2	1.2	2.7	2.7	2.8	0.2	0.2	0.2	1.1	1.1	1.2
NH411	1.7	1.7	1.7	3.3	3.3	3.3	1.0	1.0	1.0	1.7	1.7	1.8

(CONTINUED)

Officer PCS Move Forecast Percentages Using 88 Rates.
By Detailing Branch

PCS Move Forecast Percentages	Move Type											
	Operational				Rotational				Training			
	Forecast Year				Forecast Year				Forecast Year			
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves
Detailing Branch												
NH12B	6.9	6.9	6.9	8.0	7.9	8.0	4.5	4.5	4.7	6.2	6.2	6.3
NH13	2.5	2.4	2.3	3.3	3.3	3.2	1.1	1.1	1.2	2.1	2.1	2.1
NH14	2.2	2.2	2.1	2.5	2.5	2.6	0.6	0.6	0.6	1.6	1.7	1.7
NH15B	2.3	2.4	2.4	4.5	4.7	4.7	0.9	0.9	1.0	2.2	2.3	2.4
NH15C	5.5	5.4	5.2	5.6	5.6	5.3	3.4	3.5	3.6	4.7	4.7	4.6
NH15D	5.7	5.6	5.7	7.2	7.2	7.4	1.8	1.8	2.0	4.5	4.5	4.8
NH16	1.6	1.6	1.5	1.6	1.6	1.5	0.4	0.4	0.5	1.1	1.2	1.2
NH18A	0.5	0.5	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.2
NH15	1.7	1.7	1.7	1.2	1.2	1.3	1.1	1.1	1.3	1.4	1.4	1.5
NH16	0.8	0.8	0.8	0.0	0.0	0.0	0.3	0.3	0.3	0.4	0.5	0.5
NH16C	1.3	1.3	1.4	0.8	0.8	0.9	0.2	0.2	0.2	0.8	0.8	0.9
NH18	0.6	0.7	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.4	0.4	0.4
NH19	0.5	0.6	0.5	1.4	1.4	1.4	0.4	0.4	0.4	0.6	0.7	0.7
OP-01F	1.1	1.1	1.0	0.6	0.6	0.6	0.0	0.0	0.0	0.6	0.6	0.6
OTHER	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OFFICER PCS Move Forecasts Using RR Rates,
By Month of Detachment

PCS Cost Move Forecasts	Move Type											
	Operational			Potentially			Learning			Forecast Year		
	Forecast Year			Forecast Year			Forecast Year			Forecast Year		
	1989	1990	1991	1989	1990	1991	1989	1990	1991	1989	1990	1991
Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment												
OCT	733	735	829	463	456	499	693	636	629	1878	1826	1957
NOV	431	434	495	295	302	330	470	483	461	1196	1218	1286
DEC	506	519	596	391	398	437	751	775	765	1648	1692	1798
JAN	472	481	534	309	322	358	471	474	450	1252	1277	1342
FEB	441	445	498	286	284	305	662	671	632	1389	1400	1435
MAR	474	486	550	311	320	338	637	633	624	1422	1439	1511
APR	481	495	548	313	317	343	547	525	491	1341	1338	1382
MAY	576	595	664	424	440	479	778	755	766	1771	1790	1909
JUN	889	905	986	667	683	746	1050	1024	1036	2607	2613	2768
JUL	913	932	989	674	690	761	863	840	834	2451	2462	2583
AUG	671	695	736	454	462	490	686	624	610	1812	1782	1836
SEP	683	707	753	498	495	495	653	620	609	1833	1822	1857
Total Cost Moves	7270	7430	8178	5086	5170	5581	8251	8059	7906	20607	20659	21665

Officer PCS Move Forecast Percentages, During RR Rates,
By Month of Detachment

PCS Cost Move Forecast Percentages	Move Type											
	Operational			Total			Training			Forecast Year		
	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment												
OCT	10.1	9.9	10.1	9.1	8.8	8.9	8.3	7.9	8.0	9.1	8.8	9.0
NOV	5.9	5.8	6.1	5.8	5.8	5.9	5.7	6.0	5.8	5.8	5.9	5.9
DEC	7.0	7.0	7.3	7.7	7.7	7.8	9.1	9.6	9.7	8.0	8.2	8.3
JAN	6.5	6.5	6.5	6.1	6.2	6.4	5.7	5.9	5.7	6.1	6.2	6.2
FEB	6.1	6.0	6.1	5.6	5.5	5.5	8.0	8.3	8.0	6.7	6.8	6.6
MAR	6.5	6.5	6.7	6.1	6.2	6.0	7.7	7.9	7.9	6.9	7.0	7.0
APR	6.6	6.7	6.7	6.2	6.1	6.2	6.6	6.5	6.2	6.5	6.5	6.4
MAY	7.9	8.0	8.1	8.3	8.5	8.6	9.4	9.4	9.7	8.6	8.7	8.8
JUN	12.2	12.2	12.1	13.1	13.1	13.4	12.7	12.7	13.1	12.7	12.6	12.8
JUL	12.6	12.6	12.1	13.3	13.3	13.6	10.5	10.4	10.5	11.9	11.9	11.9
AUG	9.2	9.4	9.0	8.9	8.9	8.8	8.3	7.7	7.7	8.8	8.6	8.5
SEP	9.4	9.5	9.2	9.8	9.6	8.9	7.9	7.7	7.7	8.9	8.8	8.6
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Officer PCS Move Forecasts Using 88 Rates,
By Month of Detachment

PCS Total Move Forecasts	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment												
OCT	1035	1037	1152	464	456	500	824	786	777	2322	2279	2429
NOV	660	668	754	295	302	330	565	580	557	1520	1550	1641
DEC	742	758	861	391	398	437	871	894	886	2004	2051	2185
JAN	694	708	780	309	323	359	592	599	576	1595	1630	1715
FEB	639	648	722	287	285	306	762	772	731	1687	1705	1759
MAR	701	721	809	312	321	338	773	754	748	1786	1796	1896
APR	732	752	826	315	318	345	652	635	596	1699	1705	1767
MAY	828	854	940	425	401	480	924	885	895	2177	2180	2316
JUN	1320	1327	1398	668	684	748	1247	1223	1242	3236	3233	3388
JUL	1289	1317	1392	676	691	762	1020	987	987	2989	2995	3141
AUG	973	1016	1082	456	464	492	828	768	753	2257	2248	2326
SEP	948	987	1027	498	495	495	742	707	695	2187	2189	2218
Total Moves	10560	10792	11745	5096	5179	5593	9804	9589	9442	25460	25560	26780

Officer PCS Move Forecast Percentages, Using 88 Rates,
By Month of Detachment

PCS Total Move Forecast Percentages	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year			Forecast Year			Forecast Year			Forecast Year		
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves
Month of Detachment												
OCT	9.8	9.6	9.8	9.1	8.8	8.9	8.4	8.2	8.2	9.1	8.9	9.1
NOV	6.3	6.2	6.4	5.8	5.8	5.9	5.8	6.1	5.9	6.0	6.1	6.1
DEC	7.0	7.0	7.3	7.7	7.7	7.8	8.9	9.3	9.4	7.9	8.0	8.2
JAN	6.6	6.6	6.6	6.1	6.2	6.4	6.0	6.2	6.1	6.3	6.4	6.4
FEB	6.0	6.0	6.1	5.6	5.5	5.5	7.8	8.0	7.7	6.6	6.7	6.6
MAR	6.6	6.7	6.9	6.1	6.2	6.1	7.9	7.9	7.9	7.0	7.0	7.1
APR	6.9	7.0	7.0	6.2	6.1	6.2	6.7	6.6	6.3	6.7	6.7	6.6
MAY	7.8	7.9	8.0	8.3	8.5	8.6	9.4	9.2	9.5	8.6	8.5	8.6
JUN	12.5	12.3	11.9	13.1	13.2	13.4	12.7	12.7	13.2	12.7	12.6	12.7
JUL	12.2	12.2	11.9	13.3	13.3	13.6	10.4	10.3	10.4	11.7	11.7	11.7
AUG	9.2	9.4	9.2	8.9	9.0	8.8	8.4	8.0	8.0	8.9	8.8	8.7
SEP	9.0	9.1	8.7	9.8	9.6	8.9	7.6	7.4	7.4	8.6	8.6	8.3
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX B
ENLISTED ACTUAL AND FORECASTED ORT MOVE COUNTS

APPENDIX B
Part I

FY86, 87, and 88 Enlisted Actual ORT Move Counts/Percentages
by Month of Detachment and by Detailing Branch*

The branches described in the main body of the paper are groupings of the NMPC detailing branches. The groupings are listed. The tables below indicate which NMPC branches are grouped to get the tables in the main body.

Enlisted Branch Groups

EPMA	EPMAC
N-401	Seabee/SEAL
N-402	Engineering/Hull
N-403	Submarine
N-404	Aviation
N-405	Admin/Deck/Supply
N-406	Technical
N-407	Medical/Dental
N-408	Cryptology
N-409	Sea Special

*Includes separate tables for cost moves and for total moves.

Unlisted Actual PCS Moves,
By Detailing Branch

PCS Actual Cost Moves	Move Type												Fiscal Year	
	Operational			Rotational			Training			Fiscal Year				
	Fiscal Year			Fiscal Year			Fiscal Year			Fiscal Year				
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY88
	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves
Detailing Branch														
EPHAC	726	584	560	609	378	525	2130	2322	1961	3465	3284	3046		
MANY	1701	211	134	137	120	114	492	443	285	799	774	533		
N401C	1163	1094	951	1195	1018	929	23	21	26	2381	2133	1906		
N401D	599	520	412	280	192	139	407	339	419	1286	1051	970		
N4010	2612	1668	2721	836	498	937	24	11	13	3472	2177	3671		
N402	7375	5701	4307	3301	2913	3042	2908	3283	3107	13584	11897	10456		
N403	46731	35671	3046	1037	967	927	10693	8113	7749	16403	12647	11722		
N404	9083	5904	5608	6009	4757	5550	3488	3227	4026	18580	13888	15184		
N405	10809	7603	5885	6460	5572	5358	111	109	137	17380	13284	11380		
N406	6419	5191	4573	5826	6039	5873	7593	7222	6187	19838	18452	16633		
N407	4076	2852	2667	2688	2452	2722	1226	918	1312	7990	6222	6701		
N408	481	396	554	3464	3177	2914	448	396	269	4393	3969	3737		
N409	1711	1470	1489	280	217	252	449	400	572	2440	2087	2313		
N463	28	22	21	23	24	41	7	2	13	58	48	75		
N712	.	.	.	1	1	1	.	.	.	1	1	1		
Total Cost Moves	49925	36783	32928	32146	28325	29324	29099	26806	26076	112070	91914	88328		

Enlisted Actual PCS Move Percentages,
By Detailing Branch

PCS Actual Cost Move Percentages	Move Type										Fiscal Year	
	Operational					Rotational					Training	
	Fiscal Year					Fiscal Year					Fiscal Year	
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Detailing Branch												
TPMAC	1.5	1.6	1.7	1.9	1.3	1.8	7.1	8.7	7.5	3.1	3.6	3.4
MANY	0.3	0.6	0.4	0.4	0.4	0.4	1.6	1.7	1.1	0.7	0.8	0.6
NH01C	2.3	3.0	2.9	3.7	3.6	3.2	0.1	0.1	0.1	2.1	2.3	2.2
NH01D	1.2	1.4	1.3	0.9	0.7	0.5	1.4	1.3	1.6	1.1	1.1	1.1
NH010	5.2	4.5	8.3	2.6	1.8	3.2	0.1	0.0	0.0	3.1	2.4	4.2
NH02	14.8	15.5	13.1	10.3	10.3	10.4	9.7	12.2	11.9	12.1	12.9	11.8
NH03	9.4	9.7	9.3	3.2	3.4	3.2	35.6	30.3	29.7	14.6	13.8	13.3
NH04	18.2	16.1	17.0	18.7	16.8	18.9	11.6	12.0	15.4	16.6	15.1	17.2
NH05	21.7	20.7	17.9	20.1	19.7	18.3	0.4	0.4	0.5	15.5	14.5	12.9
NH06	12.9	14.1	13.9	18.1	21.3	20.0	25.3	26.9	23.7	17.7	20.1	18.8
NH07	8.2	7.8	8.1	8.4	8.7	9.3	4.1	3.4	5.0	7.1	6.8	7.6
NH08	1.0	1.1	1.7	10.8	11.2	9.9	1.5	1.5	1.0	3.9	4.3	4.2
NH09	3.4	4.0	4.5	0.9	0.8	0.9	1.5	1.5	2.2	2.2	2.3	2.6
NH63	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
NH12	.	.	.	0.0	0.0	0.0	.	.	.	0.0	0.0	0.0
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Enlisted Actual PCS Moves
by Detailing Branch

PCS Actual Total Moves	Move Type												Fiscal Year			
	Operational				Rotational				Training							
	Fiscal Year				Fiscal Year				Fiscal Year							
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	
	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves	Total Moves
Detailing Branch																
EPMAC	1471	1865	1945	616	384	542	2347	2652	2277	4434	4901	4764				
MANY	176	366	154	140	120	114	521	517	323	837	1003	591				
N401C	1378	1374	1281	1200	1023	934	24	22	29	2602	2419	2244				
N401D	853	747	676	297	195	141	452	388	463	1602	1330	1280				
N401O	2781	1852	3216	837	499	940	24	13	13	3642	2364	4169				
N402	11406	10506	8411	3344	2944	3104	3104	3624	3470	17854	17074	14985				
N403	7965	6907	6047	1053	999	939	12130	9930	10184	21148	17836	17170				
N404	13596	12721	10721	6142	4849	5616	3785	3556	4420	23523	21126	20757				
N405	15507	12867	11368	6513	5629	5458	148	176	202	22168	18672	17028				
N406	9784	9221	8838	5896	6078	5956	9034	8894	7712	24714	24193	22506				
N407	5166	4050	3761	2703	2480	2747	1467	1318	1784	9336	7848	8292				
N408	663	678	1007	3480	3192	2942	568	546	378	4711	4416	4327				
N409	1779	1596	1717	280	217	252	450	406	589	2509	2219	2558				
N463	2394	2591	1953	322	311	214	7	2	13	2723	2814	2180				
N712	.	.	.	1	1	1	.	.	.	1	1	1				
Total Moves	74919	67251	61095	32824	28921	29900	34061	32044	31857	141804	128216	122852				

Enlisted Actual PCS Move Percentages,
By Detailing Branch

PCS Actual Total Move Percentages	Move Type											
	Operational						Training					
	Fiscal Year						Fiscal Year					
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Detailing Branch												
EPMAC	2.0	2.8	3.2	1.9	1.3	1.8	6.9	8.3	7.1	3.1	3.8	3.9
MANY	0.2	0.5	0.3	0.4	0.4	0.4	1.5	1.6	1.0	0.6	0.8	0.5
NH01C	1.8	2.0	2.1	3.7	3.5	3.1	0.1	0.1	0.1	1.8	1.9	1.8
NH01D	1.1	1.1	1.1	0.9	0.7	0.5	1.3	1.2	1.5	1.1	1.0	1.0
NH01H	3.7	2.8	5.3	2.5	1.7	3.1	0.1	0.0	0.0	2.6	1.8	3.4
NH02	15.2	15.6	13.8	10.2	10.2	10.4	9.1	11.3	10.9	12.6	13.3	12.2
NH03	10.6	10.3	9.9	3.2	3.5	3.1	35.6	31.0	32.0	14.9	13.9	14.0
NH04	18.1	18.9	17.5	18.7	16.8	18.8	11.1	11.1	13.9	16.6	16.5	16.9
NH05	20.7	19.1	18.6	19.8	19.5	18.3	0.4	0.5	0.6	15.6	14.6	13.9
NH06	13.1	13.7	14.5	18.0	21.0	19.9	26.5	27.8	24.2	17.4	18.9	18.3
NH07	6.9	6.0	6.2	8.2	8.6	9.2	4.3	4.1	5.6	6.6	6.1	6.7
NH08	0.9	1.0	1.6	10.6	11.0	9.8	1.7	1.7	1.2	3.3	3.4	3.5
NH09	2.4	2.4	2.8	0.9	0.8	0.8	1.3	1.3	1.8	1.8	1.7	2.1
NH63	3.2	3.7	3.2	1.0	1.1	0.7	0.0	0.0	0.0	1.9	2.2	1.8
N712	.	.	.	0.0	0.0	0.0	.	.	.	0.0	0.0	0.0
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Unfunded Actual PCS Moves,
By Month of Detachment

PCS Actual Cost Moves	Move Type												Fiscal Year	
	Operational						Training							
	Fiscal Year						Fiscal Year							
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY88
Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves	Cost Moves
Month of Detachment														
OCT	5516	3410	4741	3704	2314	3020	2775	1970	2679	11995	7694	10440		
NOV	3443	2715	2878	2557	2431	2381	2786	2338	1712	8786	7484	6971		
DEC	4405	3641	2000	3094	2825	2236	2168	2837	2649	9667	9303	6885		
JAN	4306	3000	4757	2673	2259	2723	2149	1268	1555	9128	6527	9035		
FEB	3766	2958	2610	2292	2338	2027	2095	2389	2006	8153	7685	6643		
MAR	4024	3371	3409	2257	2349	2443	2438	1872	2448	8719	7592	8300		
APR	4029	2929	1581	2453	2249	2062	2575	2630	1857	9057	7808	5500		
MAY	4380	3271	1357	2780	2775	2193	2577	3028	2527	9737	9074	6077		
JUN	4375	3796	1509	2764	2675	2210	2813	1862	1871	9952	8333	5590		
JUL	3589	3132	1623	2554	2543	2451	2172	2661	2370	8315	8336	6444		
AUG	3724	1922	2742	2123	1777	2504	2757	1609	2297	8604	5308	7543		
SEP	4368	2638	3721	2895	1790	3074	2694	2342	2105	9957	6770	8900		
Total Cost Moves	49925	36783	32928	32146	28325	29324	29999	26806	26076	112070	91914	88328		

In-Listed Actual PCS Move Percentages,
By Month of Detachment

PCS Actual Cost Move Percentages	Move Type											
	Operational						Training					
	Fiscal Year						Fiscal Year					
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST	COST
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Month of Detachment												
OCT	11.0	9.3	14.4	11.5	8.2	10.3	9.3	7.3	10.3	10.7	8.4	11.8
NOV	6.9	7.4	8.7	8.0	8.6	8.1	9.3	8.7	6.6	7.8	8.1	7.9
DEC	8.8	9.9	6.1	9.6	10.0	7.6	7.2	10.6	10.2	8.6	10.1	7.8
JAN	8.6	8.2	14.4	8.3	8.0	9.3	7.2	4.7	6.0	8.1	7.1	10.2
FEB	7.5	8.0	7.9	7.1	8.3	6.9	7.0	8.9	7.7	7.3	8.4	7.5
MAR	8.1	9.2	10.4	7.0	8.3	8.3	8.1	7.0	9.4	7.8	8.3	9.4
APR	8.1	8.0	4.8	7.6	7.9	7.0	8.6	9.8	7.1	8.1	8.5	6.2
MAY	8.8	8.9	4.1	8.6	9.8	7.5	8.6	11.3	9.7	8.7	9.9	6.9
JUN	8.8	10.3	4.6	8.6	9.4	7.5	9.4	6.9	7.2	8.9	9.1	6.3
JUL	7.2	8.5	4.9	7.9	9.0	8.4	7.2	9.9	9.1	7.4	9.1	7.3
AUG	7.5	5.2	8.3	6.6	6.3	8.5	9.2	6.0	8.8	7.7	5.8	8.5
SEP	8.7	7.2	11.3	9.0	6.3	10.5	9.0	8.7	8.1	8.9	7.4	10.1
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Unlisted Actual PCS Moves,
By Month of Detachment

PCS Actual Total Moves	Move Type												Fiscal Year		
	Operational			Potational			Training			Fiscal Year			Fiscal Year		
	Fiscal Year			Fiscal Year			Fiscal Year			Fiscal Year			Fiscal Year		
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment															
OCT	7888	5955	7532	3749	2376	3055	3085	2465	3126	14722	10796	13713			
NOV	5292	4840	5076	2587	2499	2031	3085	2742	2066	10964	10081	9573			
DEC	6426	7114	4357	3133	2873	2283	2521	3382	3080	12080	13369	9720			
JAN	6362	5461	7303	2748	2292	2766	2407	1576	1945	11517	9329	12054			
FEB	5571	5634	5050	2371	2351	2059	2390	2753	2368	10332	10738	9477			
MAR	6057	6307	6504	2312	2434	2494	2721	2248	2991	11090	10989	11989			
APR	5950	5160	3739	2534	2292	2114	2930	3143	2298	11414	10595	8151			
MAY	6309	5816	3096	2840	2841	2240	2925	3545	3094	12074	12202	8430			
JUN	6560	6206	3163	2812	2732	2274	3222	2317	2346	12594	11255	7783			
JUL	5671	5714	3442	2599	2577	2518	2575	3102	2965	10845	11393	8926			
AUG	6027	4154	5273	2182	1821	2551	3142	2028	2907	11351	8003	10731			
SEP	6806	4890	6519	2957	1833	3115	3058	2743	2671	12821	9466	12305			
Total Moves	74919	67251	61095	32824	28921	29900	34061	32044	31857	141804	128216	122852			

Initiated Actual PCS Move Percentages,
By Month of Detachment

PCS Actual Total Move Percentages	Move Type												Fiscal Year	
	Operational						Training							
	Fiscal Year						Fiscal Year							
	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY87	FY88	FY86	FY88
	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved	Percent Moved
Month of Detachment														
OCT	10.5	8.9	12.3	11.4	8.2	10.2	9.1	7.7	9.8	10.4	8.4	11.2		
NOV	7.1	7.2	8.3	7.9	8.6	8.1	9.1	8.6	6.5	7.7	7.9	7.8		
DEC	8.6	10.6	7.1	9.5	9.9	7.6	7.4	10.6	9.7	8.5	10.4	7.9		
JAN	8.5	8.1	12.0	8.4	7.9	9.3	7.1	4.9	6.1	8.1	7.3	9.8		
FEB	7.4	8.4	8.3	7.2	8.1	6.9	7.0	8.6	7.4	7.3	8.4	7.7		
MAR	8.1	9.4	10.6	7.0	8.4	8.3	8.0	7.0	9.4	7.8	8.6	9.8		
APR	7.9	7.7	6.1	7.7	7.9	7.1	8.6	9.8	7.2	8.0	8.3	6.6		
MAY	8.4	8.6	5.1	8.7	9.8	7.5	8.6	11.1	9.7	8.5	9.5	6.9		
JUN	8.8	9.2	5.2	8.6	9.4	7.6	9.5	7.2	7.4	8.9	8.8	6.3		
JUL	7.6	8.5	5.6	7.9	8.9	8.4	7.6	9.7	9.3	7.6	8.9	7.3		
AUG	8.0	6.2	8.6	6.6	6.3	8.5	9.2	6.3	9.1	8.0	6.2	8.7		
SEP	9.1	7.3	10.7	9.0	6.3	10.4	9.0	8.6	8.4	9.0	7.4	10.0		
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

APPENDIX B
Part II

FY89, 90, and 91 Forecasted Enlisted ORT Moves Distributed to
Months of Detachment and by Detailing Branches
(Number of Moves and Percent Distributions)*

*Includes separate tables for cost moves and for total moves.

Initiated PCS Move Forecasts Using 88 Rates,
By Detailing Branch

PCS Cost Move Forecasts	Move Type														Forecast Year			
	Operational		Rotational		Training		Forecast Year		Forecast Year		Forecast Year		Forecast Year		Forecast Year			
	Forecast Year		Forecast Year		Forecast Year		Forecast Year		Forecast Year		Forecast Year		Forecast Year		Forecast Year			
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing Branch																		
CPMAC	578	590	596	508	532	556	2002	2036	2038	3128	3158	3190						
MANY	129	134	138	111	114	118	286	294	300	525	542	556						
NH01C	907	958	989	886	933	954	261	271	261	1819	1918	1969						
NH01D	399	414	428	135	140	142	418	430	443	952	984	1013						
NH010	2605	2730	2850	896	938	972	121	131	141	3513	3681	3836						
NH02	4122	4333	4480	2924	3061	3173	3176	3231	3290	10223	10626	10943						
NH03	2937	3065	3266	901	939	985	791	8052	8240	11629	12056	12490						
NH04	5387	5645	5970	5354	5594	5846	4107	4192	4246	14847	15431	16061						
NH05	5653	5920	6189	5114	5359	5577	1431	1441	1441	10910	11423	11910						
NH06	4405	4615	4828	5682	5926	6127	6267	6441	6580	16353	16981	17535						
NH07	2561	2688	2809	2611	2737	2825	1296	1337	1378	6468	6762	7013						
NH08	532	560	589	2819	2942	3052	2701	2771	2811	3621	3779	3921						
NH09	1452	1501	1560	2401	2521	2621	5771	5911	6111	2269	2344	2433						
NH13	19	19	20	38	39	40	13	13	13	70	72	73						
N712	.	.	.	1	1	1	.	.	.	1	1	1						
Total Cost	31686	33172	34712	28219	29506	30629	26424	27079	27604	86329	89757	92944						
Moves																		

Enlisted PCS Move Forecast Percentages Using 88 Rates,
by Detailing Branch

PCS Cost Move	Move Type											
	Operational				Potational				Training			
	forecast Year				forecast Year				forecast Year			
	FY89	FY90	FY91	FY91	FY89	FY90	FY91	FY91	FY89	FY90	FY91	FY91
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing												
Branch												
FPMAC	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	7.7	7.5	7.4	3.6
												3.5
MANV	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.1	1.1	1.1	0.6
												0.6
NH01C	2.9	2.9	2.8	3.1	3.2	3.1	3.1	3.1	0.1	0.1	0.1	2.1
												2.1
NH01D	1.3	1.2	1.2	0.5	0.5	0.5	0.5	0.5	1.6	1.6	1.6	1.1
												1.1
NH010	8.2	8.2	8.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0	0.1	4.1
												4.1
NH02	13.0	13.1	12.9	10.4	10.4	10.4	10.4	10.4	12.0	11.9	11.9	11.8
												11.8
NH03	9.3	9.2	9.4	3.2	3.2	3.2	3.2	3.2	29.5	29.7	29.8	13.5
												13.4
NH04	17.0	17.0	17.2	19.0	19.0	19.0	19.1	19.1	15.5	15.5	15.4	17.2
												17.3
NH05	17.8	17.8	17.8	18.1	18.2	18.2	18.2	18.2	0.5	0.5	0.5	12.6
												12.7
NH06	13.9	13.9	13.9	20.1	20.1	20.1	20.0	20.0	23.7	23.8	23.8	18.9
												18.9
NH07	8.1	8.1	8.1	9.3	9.3	9.3	9.2	9.2	4.9	4.9	5.0	7.5
												7.5
NH08	1.7	1.7	1.7	10.0	10.0	10.0	10.0	10.0	1.0	1.0	1.0	4.2
												4.2
NH09	4.6	4.5	4.5	0.9	0.9	0.9	0.9	0.9	2.2	2.2	2.2	2.6
												2.6
NH63	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
												0.1
N712	.	.	.	0.0	0.0	0.0	0.0	0.0	.	.	.	0.0
												0.0
Total Cost												
Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Enlisted PCS Move Forecasts Using 88 Rates.
By Detailing Branch

PCS Total Move Forecasts	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year			Forecast Year			Forecast Year			Forecast Year		
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing Branch												
EPMAC	2005	2055	2074	525	550	576	2373	2364	2368	4904	4970	5018
MAHY	150	156	161	111	110	118	374	334	341	584	603	620
NH01C	1233	1293	1339	891	938	960	29	30	29	2153	2261	2328
NH01D	658	680	698	137	102	104	461	475	489	1256	1297	1331
NH01O	3096	3231	3358	809	943	975	12	13	14	4008	4185	4347
NH02	8135	8509	8776	2985	3124	3236	3549	3610	3679	14669	15244	15691
NH03	5871	6105	6451	914	953	997	10276	10589	10824	17062	17645	18272
NH04	10397	10831	11399	5419	5661	5916	4511	4599	4659	20328	21092	21975
NH05	11056	11509	11953	5212	5462	5683	208	210	212	16475	17181	17848
NH06	8618	8974	9362	5763	6010	6216	7804	8008	8200	22185	22992	23778
NH07	3632	3801	3959	2636	2763	2852	1766	1820	1870	8034	8383	8681
NH08	992	1022	1059	2847	2970	3081	383	390	395	4221	4382	4535
NH09	1674	1733	1802	240	252	262	594	609	628	2508	2593	2692
NH03	1957	2012	2068	209	216	223	13	13	13	2179	2241	2304
NH12	.	.	.	1	1	1	.	.	.	1	1	1
Total Moves	59474	61912	64458	28789	30094	31240	32304	33064	33724	120567	125070	129422

Enlisted PCS Move Forecast Percentages Using 88 Rates,
By Detailing Branch

PCS Total Move Forecast Percentages	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Detailing Branch												
PMAC	3.4	3.3	3.2	1.8	1.8	1.8	7.3	7.1	7.0	4.1	4.0	3.9
MANY	0.3	0.3	0.2	0.4	0.4	0.4	1.0	1.0	1.0	0.5	0.5	0.5
NH01C	2.1	2.1	2.1	3.1	3.1	3.1	0.1	0.1	0.1	1.8	1.8	1.8
NH01D	1.1	1.1	1.1	0.5	0.5	0.5	1.4	1.4	1.5	1.0	1.0	1.0
NH01O	5.2	5.2	5.2	3.1	3.1	3.1	0.0	0.0	0.0	3.3	3.3	3.4
NH02	13.7	13.7	13.6	10.4	10.4	10.4	11.0	10.9	10.9	12.2	12.2	12.1
NH03	9.9	9.9	10.0	3.2	3.2	3.2	31.8	32.0	32.1	14.2	14.1	14.1
NH04	17.5	17.5	17.7	18.8	18.8	18.9	14.0	13.9	13.8	16.9	16.9	17.0
NH05	18.6	18.6	18.5	18.1	18.1	18.2	0.6	0.6	0.6	13.7	13.7	13.8
NH06	14.5	14.5	14.5	20.0	20.0	19.9	24.2	24.2	24.3	18.4	18.4	18.4
NH07	6.1	6.1	6.1	9.2	9.2	9.1	5.5	5.5	5.5	6.7	6.7	6.7
NH08	1.7	1.7	1.6	9.9	9.9	9.9	1.2	1.2	1.2	3.5	3.5	3.5
NH09	2.8	2.8	2.8	0.8	0.8	0.8	1.8	1.8	1.9	2.1	2.1	2.1
NH63	3.3	3.2	3.2	0.7	0.7	0.7	0.0	0.0	0.0	1.8	1.8	1.8
N712	.	.	.	0.0	0.0	0.0	.	.	.	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Enlisted PCS Move Forecasts Using 88 Rates,
By Month of Detachment

PCS Cost Move	Move Type											
	Operational			Rotational			Training			Forecast Year		
	Forecast Year			Forecast Year			Forecast Year			Forecast Year		
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment												
LOC1	3768	3842	4023	2819	2893	3040	2426	2403	2480	9013	9136	9542
NOV	2455	2550	2660	2360	2473	2527	2181	2254	2275	6977	7276	7461
DEC	2602	2744	2883	2561	2718	2809	2437	2493	2567	7601	7955	8259
JAN	3294	3441	3614	2396	2525	2622	1570	1578	1630	7260	7544	7865
FEB	2479	2606	2739	2101	2209	2282	2083	2119	2159	6664	6934	7180
MAR	2915	3059	3207	2223	2337	2421	2163	2215	2252	7301	7611	7879
APR	2192	2304	2419	2105	2208	2301	2212	2297	2343	6510	6809	7063
MAY	2268	2404	2501	2420	2538	2642	2545	2631	2674	7233	7573	7817
JUN	2477	2619	2733	2397	2496	2606	2067	2129	2159	6941	7244	7498
JUL	2176	2292	2393	2366	2460	2562	2324	2409	2448	6866	7161	7403
AUG	2226	2316	2435	2019	2108	2186	2106	2189	2208	6351	6613	6829
SEP	2833	2996	3105	2471	2542	2632	2308	2365	2409	7613	7903	8146
Total Cost	31686	33172	34712	28219	29506	30629	26424	27079	27604	86329	89757	92944
Moves												

Enlisted PCS Move Forecast Percentages Using 88 Rates.
By Month of Detachment

PCS Cost Move Forecast Percentages	Move Type												Forecast Year											
	Operational						Rotational						Training											
	Forecast Year						Forecast Year						Forecast Year											
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost	Cost
Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment																								
OCT	11.9	11.6	11.6	10.0	9.8	9.9	9.2	8.9	9.0	10.4	10.2	10.3												
NOV	7.7	7.7	7.7	8.3	8.4	8.2	8.3	8.3	8.2	8.1	8.1	8.0												
DEC	8.2	8.3	8.3	9.1	9.2	9.2	9.2	9.2	9.3	8.8	8.9	8.9												
JAN	10.4	10.4	10.4	8.5	8.6	8.6	5.9	5.8	5.9	8.4	8.4	8.5												
FEB	7.8	7.9	7.9	7.6	7.5	7.5	7.9	7.8	7.8	7.7	7.7	7.7												
MAR	9.2	9.2	9.2	7.9	7.9	7.9	8.2	8.2	8.2	8.5	8.5	8.5												
APR	6.9	6.9	7.0	7.5	7.5	7.5	8.4	8.5	8.5	7.5	7.6	7.6												
MAY	7.2	7.2	7.2	8.6	8.6	8.6	9.6	9.7	9.7	8.4	8.4	8.4												
JUN	7.8	7.9	7.9	8.5	8.5	8.5	7.8	7.9	7.8	8.0	8.1	8.1												
JUL	6.9	6.9	6.9	8.4	8.3	8.4	8.8	8.9	8.9	8.0	8.0	8.0												
AUG	7.0	7.0	7.0	7.2	7.1	7.1	8.0	8.1	8.0	7.4	7.4	7.3												
SEP	8.9	9.0	8.9	8.8	8.6	8.6	8.7	8.7	8.7	8.8	8.8	8.8												
Total Cost Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0												

Initiated PCS Move Forecasts Using 88 Rates,
By Month of Detachment

PCS Move forecasts	Move Type											
	Operational				Rotational				Training			
	Forecast Year				Forecast Year				Forecast Year			
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves	Moves
Month of Detachment												
OCT	6374	6560	6849	2863	2940	3084	2914	2890	2987	12150	12390	12921
NOV	4477	4646	4806	2388	2524	2578	2613	2702	2731	9478	9872	10155
DEC	5104	5351	5586	2604	2763	2854	2928	2997	3084	10636	11112	11524
JAN	5646	5888	6177	2444	2572	2672	1947	1956	2020	10037	10416	10870
FEB	4737	4958	5186	2137	2243	2320	2481	2527	2575	9355	9723	10081
MAR	5574	5798	6042	2273	2391	2480	2626	2684	2736	10474	10873	11257
APR	4301	4490	4682	2161	2262	2360	2736	2827	2881	9197	9578	9923
MAY	4346	4545	4721	2474	2594	2699	3097	3187	3252	9916	10327	10672
JUN	4582	4794	4983	2453	2554	2666	2591	2662	2696	9626	10010	10344
JUL	4298	4492	4659	2413	2509	2614	2876	2971	3027	9587	9972	10299
AUG	4591	4739	4925	2065	2155	2234	2648	2742	2769	9304	9635	9927
SEP	5443	5651	5801	2515	2588	2680	2848	2922	2967	10806	11162	11449
Total Moves	59474	61912	64458	28789	30094	31240	32304	33064	33724	120567	125070	129422

Enlisted PCS Move Forecast Percentages Using RR Rates,
By Month of Detachment

PCS Total Move Forecast Percentages	Move Type											
	Operational			Total			Training			Forecast Year		
	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year	Forecast Year
	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91	FY89	FY90	FY91
Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves	Percent Total Moves
Month of Detachment												
OCT	10.7	10.6	10.6	9.9	9.8	9.9	9.0	8.7	8.9	10.1	9.9	10.0
NOV	7.5	7.5	7.5	8.3	8.4	8.3	8.1	8.2	8.1	7.9	7.9	7.8
DEC	8.6	8.6	8.7	9.0	9.2	9.1	9.1	9.1	9.1	8.8	8.9	8.9
JAN	9.5	9.5	9.6	8.5	8.5	8.6	6.0	5.9	6.0	8.3	8.3	8.4
FEB	8.0	8.0	8.0	7.4	7.5	7.4	7.7	7.6	7.6	7.8	7.8	7.8
MAR	9.4	9.4	9.4	7.9	7.9	7.9	8.1	8.1	8.1	8.7	8.7	8.7
APR	7.2	7.3	7.3	7.5	7.5	7.6	8.5	9.5	8.5	7.6	7.7	7.7
MAY	7.3	7.3	7.3	8.6	8.6	8.6	9.6	9.6	9.6	8.2	8.3	8.2
JUN	7.7	7.7	7.7	8.5	8.5	8.5	8.0	8.1	8.0	8.0	8.0	8.0
JUL	7.2	7.3	7.2	8.4	8.3	8.4	8.9	9.0	9.0	8.0	8.0	8.0
AUG	7.7	7.7	7.6	7.2	7.2	7.1	8.2	8.3	8.2	7.7	7.7	7.7
SEP	9.2	9.1	9.0	8.7	8.6	8.6	8.8	8.8	8.8	9.0	8.9	8.8
Total Percentage	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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