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Cost-Benefit Study of Culling Claim Folders at the Department of Veterans Affairs

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COST-BENEFIT STUDY OF THE CULLING OF CLAIM FOLDERS AT THE DEPARTMENT OF VETERANS AFFAIRS

by

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1 INTRODUCTION

1.1 OBJECTIVE OF STUDY

Culling is the process of sorting through material to separate significant from insignificant information. Argonne National Laboratory (ANL) conducted a study on culling Veterans Benefits Administration (VBA) claim folders for two reasons. The first was to help the Department of Veterans Affairs (VA) learn about culling strategies that could be applied to veterans' claim folders located at the VA's regional offices (ROs) throughout the United States. The second was to show the VA the benefits that could be derived from culling.

1.1.1 Study of Culling Strategies

We looked at various culling strategies that could be of benefit to the VA. Many aspects related to the culling process were studied, including folder thickness, time needed for culling, the type of documentation contained in each folder, the type of documentation retained or removed from each folder, and the degree of culling accuracy demonstrated by VA personnel.

1.1.2 Cost-Benefit Analysis

The benefit that the VA would incur from culling claim folders was analyzed. This cost-benefit analysis focused on benefits at each RO. It was based on the assumption that insignificant material would be culled from each claim folder and be either permanently discarded or sent to the St. Louis regional processing center (RPC) for storage. Rate of return, payback period, storage costs, and salaries were the variables considered.

1.2 REPORT ORGANIZATION

This report has four sections. Section 1 is the introduction. Section 2 discusses methodology; it describes the procedures used in both the culling process and the cost-benefit analysis. The third section provides explanations and results from the analyses of file samples, culler statistics, and cost benefits. The final section, the conclusion, includes our recommendations on beneficial culling strategies that could be employed by the VA.

2 METHODOLOGY

Our procedures for determining culling strategies were developed from data gathered in a pilot study we conducted at the VA's Chicago RO and from determinations we made about culling times, folder thicknesses, types of documents culled from claim folders, and culling accuracies. Our procedures and inputs for determining the cost benefits of culling were developed in part from information in the RPC upgrade initiative provided by the VA. The cost-benefit analysis also considered the findings from the first part of this study (on strategies).

2.1 STUDY OF CULLING STRATEGIES

Our first step was to obtain a random sample of folders from the Chicago RO. The contents and size of each claim folder in the sample were analyzed. A group of VA personnel then culled a select number of these sample claim folders, and we recorded the results. Finally, the claim folders were restored to their original condition and returned to the Chicago RO's files.

2.1.1 Choosing Claim Folder Samples

On the basis of its pilot study, we determined that a random sample of 60 claim folders from the Chicago RO would be adequate to represent the characteristics of all the claim folders at this office. Furthermore, because all VA ROs use the same claim folders, these 60 claim folders could also be used to represent the characteristics of claim folders at other ROs.

The random sample was chosen on the basis of a table of random numbers that listed potential samples. The first four digits of each number in the table were used. The first two digits were used to locate the folder section in the Chicago RO, and the last two were used to locate the file drawer within that section. Once the drawer was located, the first claim folder in it was chosen to be one of the samples. This process was repeated until a total of 60 claim folders was selected.

2.1.2 Determining Folder Characteristics

Individual sample folders were first measured with a caliper for total thickness and content thickness. Information on the contents of each folder was then recorded. The documents contained in each folder were color coded and number coded. The color indicated the document's location in the folder (under the left, center, or right flap). The number established the document's sequential location under the folder flap. The form of each document was also described. (Folder documents that were drop filed were recorded as coming from under the center flap.)

2.1.3 Selecting Cullers

The VA selected seven cullers for this study; six were from the Chicago RO, and a control culler was from the Washington, D.C., central office. The six cullers were split into two groups, each group consisting of one culler at level GS5, one at level GS9, and one at GS12. The GS5, GS9, and control cullers were responsible for culling the entire folder. The GS12 cullers were responsible for culling only the medical records located in the center of each folder. The names of the cullers in the first group were Edwards (GS5), Rutledge (GS9), and Stigler (GS12). Those in the second group were Wheatley (GS5), Phillips (GS9), and Wengerski (GS12). The name of the control culler was Simmons. Appendix A lists these groups for reference purposes.

2.1.4 Culling Procedures

The cullers were first given a list of instructions from the VA on what and how material should be culled from each of the files. These instructions are provided in App. B. Each experimental group was given 30 folders to cull. The control culler was also given 30 folders, 15 from each experimental group. After each employee had culled a folder, the documents that were retained and those that were removed were noted, a number was assigned, and measurements of the folder thicknesses after culling were taken. A temporary folder with a number corresponding to the original folder number assisted in this process. The time taken for the culling process was also recorded. Once the information was documented, the folder was restored to its original state and placed with the remaining sample files to be culled by other cullers. Once all the culling was completed, the colored and numbered labels placed on every piece of paper in the file were easily removed. The folders were restored to their original condition and returned to the Chicago RO to be refilled.

2.2 COST-BENEFIT ANALYSIS

The cost-benefit analysis was done to determine the benefit that each VA office could derive from culling claim folders. Data from the RPC upgrade initiative were incorporated in this analysis. The factors considered were the number of related ROs, number of filing cabinets, area occupied by existing claim folders (in square feet), annual costs per square foot, area saved by culling a certain percentage of the file contents (in square feet), number of claim folders, amount of time needed to cull (in years), cost of culling claim folders, annual benefit of culling (in dollars), number of years needed to pay back the cost of culling, annual rate of return, annual benefit of culling to the RPC (in dollars), pay-back period for culling to the RPC (in years), and annual rate of return for culling to the RPC.

2.2.1 Data Inputs

The data inputs for the analysis consisted of information from the RPC upgrade initiative and the calculations derived from it. The material that was taken directly from the initiative was the list of 48 ROs and information on the number of filing cabinets, number of square feet occupied by filing cabinets, total number of claim folders at each office, and annual costs per square foot.

2.2.2 Spreadsheet Output

The spreadsheet contains material that was taken directly from the RPC upgrade initiative and information derived from it. The derived material includes the following: area (in square feet) saved by culling a fixed percentage of the file contents (25% to 40%, in increments of 5%), time needed to cull the claim folders (in years), cost of culling the claim folders (in dollars), annual benefit of culling (in dollars), pay-back period (in years), annual rate of return, annual benefit of culling to the RPC (in dollars), pay-back period for culling to the RPC (in years), and annual rate of return for culling to the RPC.

In calculating cost information, salaries of both the GS5- and GS9-level employees were used. Data on the different salaries were used in conjunction with data on the percentage of material that could be culled. Data on the different variables listed above were incorporated into the spreadsheet to provide the VA with benefit information.

The spreadsheet lists ROs in order, from the one that would benefit most to the one that would benefit least from culling. The annual rate of return was used as the benchmark to determine this ranking. Spreadsheets can be viewed in App. C.

3 ANALYSIS

The analysis was conducted in three parts: (1) folder (or file) sample analysis; (2) statistical analysis of each culler, which covered the number of documents removed, culling time, and accuracy; and (3) cost-benefit analysis. These are described in Secs. 3.1-3.3, which follow.

The folder sample analysis was an overall analysis of the 60 claim folders that focused on the total thickness of the entire folder as well as the thickness under each flap. The mean, standard deviation, standard error, and population range for the total folder population as well as the total for each section were calculated.

The analysis of culler statistics involved similar calculations, but they were applied to each individual culler. The results were used to compare cullers and determine if there were any significant differences among them in the amount of material they culled from each section of the folder. No statistics on the control person are provided in this section of the report. However, data on his time and accuracy and a regression analysis is provided.

The cost-benefit analysis resulted in a spreadsheet that shows which RO would benefit most from having its claim folders culled. The spreadsheet was the primary source for our recommendations.

3.1 FOLDER SAMPLE ANALYSIS

The mean thickness of the claim folder samples was 0.716 in.; the thinnest folder was 0.062 in. and the thickest was 5 in. The standard deviation was 0.691, and the corresponding standard error was 0.089 in. We are 95% confident that the mean thickness of the VA claim folder population is between 0.533 and 0.892 in.

The mean thickness under the right-hand flap of the folder was 0.096 in. The standard deviation was 0.076, and the standard error was 0.01 in. We are 95% confident that the mean thickness for the right side of the VA claim folder population is between 0.076 and 0.116 in.

The mean thickness under the center flap was 0.451 in. The standard deviation was 0.636, and the standard error was 0.082 in. We are 95% confident that the mean thickness of the center of the VA claim folder population is between 0.283 and 0.619 in.

The mean thickness under the left-hand flap was 0.155 in. The standard deviation was 0.103 in., and the standard error was 0.013 in. We are 95% confident that the mean thickness of the left side of the VA claim folder population is between 0.128 and 0.182 in. Appendix D provides the claim folder spreadsheet from which these statistics were calculated.

3.2 ANALYSIS OF CULLER STATISTICS

The statistics on individual cullers were calculated on the basis of the total of the 30 files that each one culled. We used a 95% confidence level in calculating the confidence interval for each culler variable. The variables included the thicknesses of the right, center, and left sides of the claim folders, the time taken to cull, and the accuracy of the culler in culling the material. We also determined if any correlations existed between the number of documents culled and the amount of time that was needed to cull the claim folder and between the claim folder thickness and the percentage of material culled from the claim folder. Appendix E reviews statistics on the percentage of material pulled and time for the six cullers. Appendix F provides the spreadsheet used to calculate culler statistics.

3.2.1 Documents Removed and Time Required

Edwards removed an average of 10.9% of the total thickness from each claim folder. The standard deviation for this average amount was 7.9%, and the corresponding standard error was 1.46%. We are 95% confident that on average, Edwards would remove 8-14% of the thickness from each claim folder. No significant difference was found in the average percentage of documents removed from each side of the claim folder. Edwards spent an average of 5.95 min to cull each claim folder. The standard deviation was 8.28 min, and the corresponding standard error was 1.51 min. We are 95% confident that on average, Edwards would spend 2.86-9.04 min reviewing each claim folder.

Rutledge removed an average of 33.1% of the total thickness from each claim folder. The standard deviation was 20.9%, and the corresponding standard error was 3.8%. We are 95% confident that on average, Rutledge would remove 25.2-40.9% of the thickness from each claim folder. No significant difference was found in the average percentage of documents removed from the each side of the claim folder. Rutledge spent an average of 13.65 min to cull each claim folder. The standard deviation was 21.09 min, and the corresponding standard error was 3.85 min. We are 95% confident that on average, Rutledge would spend 5.77-21.53 min reviewing each claim folder.

Stigler removed an average of 7.2% of the total thickness from each claim folder. The standard deviation was 10.8%, and the corresponding standard error was 1.97%. We are 95% confident that on average, Stigler would remove 3.1-11.2% of the thickness of each claim folder. Stigler removed an average of 10.7% from the center of 30 claim folders. The standard deviation for this average amount was 14.2%, and the corresponding standard error was 2.6%. We are 95% confident that on average, Stigler would remove 5.4-16.0% of the center thickness of each claim folder. Stigler spent an average of 11.53 min on the center of each claim folder during the culling process. The standard deviation was 26.92 min, and the corresponding standard error was 4.92 min. We are 95% confident that on average, Stigler would spend 1.48-21.58 min reviewing the center of each claim folder.

Wheatley removed an average of 27.4% of the total thickness from each claim folder. The standard deviation for this average amount was 11.1%, and the corresponding standard error was 2.03%. We are 95% confident that on average, Wheatley would

remove 23.2-31.6% of the thickness of each claim folder. We found no significant difference in the average percentage of documents removed from the each side of the claim folders. Wheatley spent an average of 6.98 min to cull each claim folder. The standard deviation was 5.6 min, and the corresponding standard error was 1.02 min. We are 95% confident that on average, Wheatley would spend 4.90-9.06 min reviewing each claim folder.

Phillips removed an average of 21.7% of the total thickness of each claim folder. The standard deviation for this was 10.4%, and the corresponding standard error was 1.9%. We are 95% confident that on average, Phillips would remove 17.8-25.6% of the thickness of each claim folder. We found no significant difference in the average percentage of documents removed from the each side of the claim folders. Phillips spent an average of 6.74 min on each claim folder during the culling process. The standard deviation was 6.25 min, and the corresponding standard error was 1.14 min. We are 95% confident that on average, Phillips would spend 4.41-9.07 min reviewing each claim folder.

Wengerski removed an average of 5.0% of the total thickness from each claim folder. The standard deviation was 8.8%, and the corresponding standard error was 1.6%. We are 95% confident that on average, Wengerski would remove 1.7-8.3% of the thickness of each claim folder. Wengerski removed an average of 9.0% from the center of 30 claim folders. The standard deviation for this average amount was 18.9%, and the corresponding standard error was 3.5%. We are 95% confident that on average, Wengerski would remove 1.9-16.1% of the center thickness of each claim folder. Wengerski spent an average of 4.58 min culling the center of each claim folder. The standard deviation was 5.79 min, and the corresponding standard error was 1.06 min. We are 95% confident that on average, Wengerski would spend 2.41-6.74 min reviewing the center of each claim folder.

The statistics identified above show that overall, there was no significant difference among cullers in the percentage they removed from under the left, center, or right flaps of the folders. However, some similarities did exist with respect to the types of documents that were culled from the files. These documents are listed in App. G.

3.2.2 Culler Accuracy

The chi squared values calculated suggest that there was a strong correlation between the six cullers and the control culler in what they were removing and retaining from the files. The calculation tables are given in App. H. Figures on the level of accuracy were also calculated from the contingency tables. Three types of information were calculated from each table:

- *Type 1 Errors — Percentage of documents culled incorrectly:* The percentage of total documents removed incorrectly by a culler with respect to the control culler, Simmons.

- *Type 2 — Percentage of documents culled incorrectly:* The percentage of total documents retained incorrectly by a culler with respect to Simmons.
- *Type 3 (Correct) — Percentage of documents culled accurately:* The percentage of total documents removed or retained correctly by a culler with respect to Simmons.

The last part of this evaluation was conducted to identify the documents that Simmons had removed and the other cullers had retained and those that Simmons had retained and the other cullers had removed. We are looking for a certain pattern of documents being removed or retained in error, which could indicate in what areas training procedures could be improved. Table 1 shows the results.

3.2.3 Regression

The regression analysis was completed from the spreadsheet containing all the data on folders, such as the thickness of the entire folder and the thickness under its right, center, and left flaps, and the amount of time taken to cull the entire folder and the material under its right, center, and left flaps.

The regressions for Edwards, Rutledge, and Stigler were run on Folders 1 through 30. The regressions for Wheatley, Phillips, and Wengerski were run on Folders 31 through 60. Regressions for Edwards, Rutledge, Wheatley, and Phillips were run on the total folder thickness before and after culling, total time taken for culling, and total percentage removed from the folder. Stigler and Wengerski culled only the center section of the folders. Their regressions were run on total center thickness before and after culling, total culling time, and total percentage removed from the folder.

TABLE 1 Culler Accuracy

Culler	Percentage of Total Documents Culled		
	Type 1 Errors	Type 2 Errors	Type 3 Correct
Edwards	0.5	34.9	64.6
Rutledge	2.3	13.4	84.3
Stigler	1.0	38.7	60.3
Wheatley	4.6	25.6	69.8
Phillips	0.9	32.3	66.8
Wengerski	0.9	41.1	58.0

The results for the regression analysis revealed a significant relationship between total folder thickness and total culling time. No significant relationship existed between total folder thickness and the total percentage removed from a folder. The regression analysis table is in App. I.

3.3 COST-BENEFIT ANALYSIS

The cost-benefit analysis was conducted by changing two variables in the cost-benefit spreadsheet to identify the ROs that would benefit most from culling their claim folders. These variables were the GS-level salary and the amount of space (square feet) that would be saved at an RO by culling a specific percentage of the claim folders. All other variables in the spreadsheet were dependent upon the above-named value changes.

The GS-level salary variable was changed from the GS5 to GS9 step 5 salary. The square feet saved was determined by culling a certain percentage of the claim folder in increments of 5%; 25% was the minimum percent culled and 40% was the maximum percent culled. The GS5 and GS9 salaries were used with all percentage increments to determine culling costs.

4 CONCLUSIONS

Our findings from this study are as follows:

- A significant correlation exists between the size of a folder and the amount of time it takes to cull it. Trained cullers took an average of eight minutes to cull each claim folder.
- No correlation exists between the size of a folder and the percentage of material removed. There is also no significant correlation between the percentage of material removed from a folder and its location in the folder. These findings suggest that the VA should treat all its claim folders as one continuous folder.
- The GS5- and GS9-level cullers were very accurate. When errors did occur, cullers were more likely to retain documents that should have been removed than remove documents that should have been retained.
- There was no significant advantage in having a GS12-level employee cull only the center of the claim folders to remove insignificant medical documents over having a GS5- or GS9-level employee remove duplicate medical documents.
- Between 25% and 40% of the material in a claim folder can be culled.

In the most beneficial scenario, a GS5-level employee would remove 40% of the documents in a folder. The Boston RO would obtain the greatest benefit under this scenario. At Boston, it would cost \$193,000 or more to cull all the claim folders, take 10.8 person-years, result in a payback period of 1.5 years, reap an annual benefit of \$125,000 or more (this can be considered the annual cost of not culling), and result in an annual rate of return of 65%.

In the least beneficial scenario, a GS9-level employee would remove only 25% of the documents. Once again, the Boston RO would obtain the greatest benefit under this scenario. It would cost \$290,000 or more to cull all the claim folders, take 10.8 person-years, result in a payback period of 3.7 years, reap an annual benefit of \$78,000 or more, and result in an annual rate of return of 27%.

If the removed documents were to be transferred to the St. Louis RPC for storage, the best scenario would be a GS5-level employee removing 40% of the documents in the claim folder. Under this scenario, the payback period for culling to the RPC from Boston would be 1.8 years, the annual rate of return would be 55.7%, and the yearly benefit would be \$107,000 or more. The least beneficial scenario would be a GS9-level employee removing only 25% of the documents. Under this scenario, the payback period for culling to the RPC from Boston would be 4.3 years, the annual rate of return would be 23.2%, and the annual benefit would be \$67,000 or more.

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The benefits from culling at each RO are presented in the cost-benefit analysis spreadsheet of App. C. This spreadsheet can be used by VACO to help it determine the culling plans to be used at various ROs in the future.

APPENDIX A:
CULLERS' NAMES AND GOVERNMENT SERVICE LEVELS

APPENDIX A:**CULLERS' NAMES AND GOVERNMENT SERVICE LEVELS**

Group	Name	Government Service Level (GS)
1	Edwards	5
	Rutledge	9
	Stigler	12
2	Wheatley	5
	Phillips	9
	Wengerski	12

APPENDIX B:
INSTRUCTIONS TO CULLERS*

*Retyped verbatim from VBA instructions for purging material from folders.

APPENDIX B:**INSTRUCTIONS TO CULLERS****B.1 OVERVIEW**

VBA policy provides that we will file and retain only essential material in our claims related folders. Material of nonrecord value is not part of our official records. The intent of this project is to provide data for a cost analysis projection. Your purpose is to remove all material from a folder which is redundant or of nonrecord value. Disposal of removed material is not part of this test. Removed material will be disposed of later, in accordance with Records Control Schedule VB-1, Part I, item 13-052. A copy of item 13-052 is attached for review purposes only.

B.2 INSTRUCTIONS

Remove all material that serves no useful purpose, or has served its initial purpose and has no additional legal, administrative or historical value. If you have a doubt about removing something and cannot resolve it within 30 seconds, leave the document in the folder. The following instructions are intended as guidelines for conducting the folder purging test project.

1. Remove duplicate copies of documents in the folder unless they contain notations of record value. Only one copy of a certified document is needed. Remove all other copies, certified or not.
2. Remove worksheets, control or suspense copies of VA forms, form letters, diary slips, routing slips, and letters of transmittal which have served their purpose and have no record value. Some examples:
 - Diary forms and suspense copies of correspondence
 - Reference and routing slips including transfer slips - VAF 70-7216a).
 - Control records such as folder flashes that are no longer used.
 - Incoming transmittal or cover letters with no evidentiary value.
 - Envelopes and returned original letters with no evidentiary value.
 - Requests for civil service preference certificates.

- VA forms and letters requesting evidence (ret'd originals or file copies)
- Target prints not specifically required by current directives.
- Forms or correspondence containing change of address information only.
- Green control copies of VA 21-2507 and rating board worksheets.
- Duplicates SMRs (i.e. periodic exams, discharge exams, etc.).
- Duplicate private medical reports (i.e. med. hist., hospitalization, etc.).

APPENDIX C:
COST-BENEFIT SPREADSHEETS

TABLE C.1 CBA 25% GS5

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 25.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1385	9481	33.2	2370.75	143318	10.76567	193782.0
WASHINGTON	1800	11200	19.95	2800	137827	10.35320	186357.6
LOS ANGELES	2584	17948	25.5	4487	309571	23.25415	418574.8
PROVIDENCE	368	2576	26.49	644	47741	3.586178	64551.21
SAN FRANCISCO	2100	14700	24.28	3675	251968	21.18046	381248.4
NEW YORK	2358	16808	21.87	4128.5	310224	23.30321	419457.8
PITTSBURGH	886	6202	30.67	1550.5	121504	9.127051	164287.0
SAN DIEGO	713	4991	19.95	1247.75	103219	7.753539	139563.7
SEATTLE	1300	9100	21.54	2275	203477	15.28465	275123.8
MANCHESTER	226	1582	18.2	395.5	30399	2.283492	41102.87
INDIANAPOLIS	1060	7420	14.42	1855	119117	8.947755	161059.6
CLEVELAND	2348	16436	17.6	4109	324250	24.35560	438422.5
ST. LOUIS	1442	10094	12.65	2523.5	144414	10.843	195264
HOUSTON	1785	12495	13.34	3123.75	198708	14.92542	258875.6
HONOLULU	188	1386	20.72	346.5	33830	2.542723	45789.01
DETROIT	1635	11445	14.53	2861.25	200558	15.06538	271177.0
BUFFALO	956	6592	14.45	1673	117692	8.840713	159132.8
HARTFORD	395	2765	20.57	691.25	70013	5.259192	94885.46
WINSTON SALEM	1432	10024	18.15	2505	203143	15.25956	274672.2
ALBUQUERQUE	468	3279	14.04	819	58459	4.391255	79043.15
ANCHORAGE	78	546	18.45	136.5	13472	1.011931	18215.66
DES MOINES	523	3651	13.87	915.25	69142	5.118547	92135.66
BALTIMORE	560	3920	16.14	980	85861	6.434629	115823.3
JACKSON	790	5530	12.65	1382.5	95583	7.179943	129238.9
PORTLAND	660	4620	15.54	1155	99316	7.460355	134296.4
ST. PETERSBURG	3430	24010	13.74	6002.5	458354	34.43034	619748.2
MONTGOMERY	1340	9380	11.2	2345	146983	11.04097	198737.5
NEWARK	1104	7728	11.89	1932	138178	10.37956	185832.2
NASHVILLE	1199	8393	11.5	2098.25	152287	11.43939	205909.1
NEW ORLEANS	978	6832	13.21	1708	142730	10.72190	192987.0
SALT LAKE CITY	304	2129	11.88	532	41554	3.121427	56185.59
ST. PAUL	747	5229	11.71	1307.25	101315	7.610516	136989.2
DENVER	805	5635	12.49	1408.75	118530	8.903651	160265.9
FARGO	214	1499	10.12	374.5	25284	1.974384	35538.92
ROANOKE	1088	7616	10.83	1904	145155	10.90366	196265.9
RENO	255	1785	9.67	446.25	30380	2.292065	41077.19
LOUISVILLE	987	6909	10.65	1727.25	131237	9.858179	177447.2
CHICAGO	1797	12579	10.69	3144.75	251172	18.86739	339612.8
MUSKOGEE	979	6853	9.52	1713.25	124117	9.323342	167820.1
ATLANTA	1476	10332	9.69	2583	204604	15.36931	276647.6
WICHITA	580	4060	8.53	1015	72079	5.414394	97458.92
COLUMBIA	848	5936	10.27	1484	127228	9.557032	172025.5
HUNTINGTON	519	3633	9.07	908.25	72426	5.440450	97928.11
LINCOLN	387	2709	10.39	677.23	62808	4.717971	84923.49
BOISE	206	1442	11.17	360.5	36401	2.734347	49218.25
WACO	2054	14378	9.19	3594.5	310266	23.30636	419514.5
PHILADELPHIA	1698	11872	7.35	2958	222516	16.71481	300866.7
ST. LOUIS RPC	45517	318619	4.75	79654.75	16118251	1210.750	21793691

TABLE C.1 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	78708.9	2.462009	40.01722	67447.83	2.873065	34.80602
WASHINGTON	55860	3.336155	29.97462	42560	4.378703	22.83780
LOS ANGELES	114418.5	3.858279	27.33525	93105.25	4.495717	22.24339
PROVIDENCE	17059.56	3.783873	26.42794	14000.56	4.610616	21.68907
SAN FRANCISCO	89229	4.272696	23.40442	71772.75	5.311883	18.82571
NEW YORK	90248.55	4.647909	21.51504	70845.68	5.937486	10.84214
PITTSBURGH	32048.83	5.126148	19.50782	24683.96	6.855321	15.02489
SAN DIEGO	24892.61	5.606832	17.83601	18965.8	7.358704	13.58934
SEATTLE	49003.5	5.614371	17.81143	38197.25	7.203713	13.98365
MANCHESTER	7198.1	5.710239	17.51240	5319.475	7.726866	12.94185
INDIANAPOLIS	86749.1	6.021122	16.60819	17937.85	8.978757	11.13739
CLEVELAND	72318.4	6.062392	16.49513	52800.65	8.303354	12.04332
ST. LOUIS	31922.27	6.116857	16.34826	19935.55	9.794714	10.20958
HOUSTON	42607.95	6.305762	15.95891	27770.13	9.674982	10.33593
HONOLULU	7179.48	6.374976	15.68633	5533.605	8.271102	12.09028
DETROIT	41573.96	6.522760	15.33093	27983.02	9.690768	10.31909
BUFFALO	24174.85	6.582578	15.19161	16229.1	9.806005	10.19783
HARTFORD	14219.01	6.857648	15.02027	10935.57	8.656651	11.55181
WINSTON SALEM	40496.96	6.782539	14.74374	28593.46	9.606120	10.41002
ALBUQUERQUE	11498.76	6.974059	14.54744	7608.51	10.38878	9.625767
ANCHORAGE	2518.425	7.232957	13.82560	1670.05	9.740735	10.29816
DES MOINES	12894.51	7.257909	13.77807	8347.08	11.03807	9.059553
BALTIMORE	15817.2	7.322518	13.55631	11182.2	10.37638	9.637264
JACKSON	17488.62	7.389888	13.53200	10921.75	11.83317	8.450816
PORTLAND	17948.7	7.481679	13.36598	12482.45	10.77528	9.280498
ST. PETERSBURG	82474.35	7.514412	13.30776	53762.47	11.48476	8.707188
MONTGOMERY	26254	7.568919	13.21541	15125.25	13.13945	7.610664
NEWARK	22971.48	8.133225	12.25524	13794.49	13.54398	7.383351
NASHVILLE	24129.87	8.533371	11.71869	14163.18	14.53633	6.978366
NEW ORLEANS	22562.68	8.553374	11.89129	14449.58	13.35580	7.487383
SALT LAKE CITY	6320.16	8.889915	11.24870	3793.16	14.81237	6.751114
ST. PAUL	15307.89	8.948929	11.17452	9098.46	15.05631	6.641730
DENVER	17595.29	9.108456	10.97880	10803.72	14.69827	6.903520
FARGO	3799.94	9.377174	10.88419	2011.065	17.87169	5.658766
ROANOKE	20820.32	9.518082	10.50631	11576.32	16.95408	5.898283
RENO	4315.237	9.519101	10.50519	2195.55	18.70929	5.344938
LOUISVILLE	18395.21	9.646380	10.36658	10190.77	17.41253	5.742989
CHICAGO	33617.37	10.10230	9.898735	18679.91	18.18073	5.500326
MUSKOGEE	16310.14	10.28931	9.718919	8172.202	20.53548	4.869618
ATLANTA	25029.27	11.05296	9.047345	12780.02	21.98091	4.612372
WICHITA	8657.95	11.25658	8.883690	3836.7	25.40175	3.936735
COLUMBIA	15240.68	11.23733	8.859490	8191.68	21.00016	4.761868
HUNTINGTON	8237.827	11.88761	8.412117	3923.64	24.95848	4.006653
LINCOLN	7036.627	12.06877	8.285843	3819.89	22.23308	4.497801
BOISE	4028.785	12.22271	8.181466	2314.41	21.26600	4.702340
WACO	33033.45	12.89968	7.874208	15959.58	26.28606	3.804299
PHILADELPHIA	21814.8	13.79186	7.250652	7716.9	38.98853	2.584856
ST. LOUIS RPC	378360.0	57.80040	1.736099	0	ERR	0

TABLE C.2 CBA 25% GS9

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 25.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9483	33.2	2370.75	143318	10.76567	290673.1
WASHINGTON	1600	11200	19.95	2800	137827	10.35320	279538.4
LOS ANGELES	2564	17948	25.5	4487	309571	23.25417	627662.3
PROVIDENCE	368	2576	28.49	644	47741	3.586178	96826.81
SAN FRANCISCO	2100	14700	24.28	3675	281985	21.18046	571872.6
NEW YORK	2358	16506	21.87	4126.5	310224	23.30321	629186.7
PITTSBURGH	886	6202	20.67	1550.5	121504	9.127081	246430.6
SAN DIEGO	713	4991	19.95	1247.75	103219	7.753539	209345.5
SEATTLE	1300	9100	21.54	2275	203477	15.39465	412595.7
MANCHESTER	226	1582	18.2	395.5	30399	2.293492	61654.30
INDIANAPOLIS	1080	7420	14.42	1855	119117	8.947755	241569.4
CLEVELAND	2348	16438	17.8	4109	324250	24.35620	657633.8
ST. LOUIS	1442	10094	12.65	2523.5	144414	10.848	292998
HOUSTON	1785	12495	13.64	3123.75	193708	14.92542	403013.4
HONOLULU	198	1386	20.72	346.5	33850	2.542723	66553.52
DETROIT	1635	11445	14.53	2561.25	200558	15.06528	406785.5
BUFFALO	956	6892	14.45	1673	117692	8.840713	238598.2
HARTFORD	395	2765	20.57	691.25	70013	5.259192	141998.1
WINSTON SALEM	1432	10024	16.16	2506	203143	15.75935	412008.3
ALBUQUERQUE	463	3276	14.04	819	53459	4.391285	118564.7
ANCHORAGE	78	546	18.45	136.5	13472	1.011981	27323.49
DES MOINES	523	3561	13.97	915.25	69142	5.118647	139203.4
BALTIMORE	580	3920	16.14	980	85661	6.434629	173734.9
JACKSON	790	5530	12.55	1382.5	95583	7.179943	193858.4
PORTLAND	660	4620	15.54	1155	99316	7.460356	201429.6
ST. PETERSBURG	3430	24010	13.74	6002.5	453354	34.43034	929619.3
MONTGOMERY	1340	9380	11.2	2345	146983	11.04097	298109.3
NEWARK	1104	7728	11.89	1932	138178	10.37996	280248.3
NASHVILLE	1199	8392	11.5	2098.25	152287	11.43939	308863.7
NEW ORLEANS	976	6832	13.21	1708	142730	10.72150	289480.5
SALT LAKE CITY	304	2129	11.98	532	41554	3.121427	84278.53
ST. PAUL	747	5229	11.71	1307.25	101315	7.610516	205483.9
DENVER	805	5835	12.49	1408.75	118530	8.903561	240398.8
FARGO	214	1498	10.12	374.5	25284	1.974384	53308.39
ROANCKE	1088	7616	10.93	1904	145155	10.90366	294398.6
RENO	255	1785	9.67	446.25	30380	2.282085	61615.77
LOUISVILLE	987	6909	10.65	1727.25	131237	9.858178	266170.8
CHICAGO	1797	12579	10.69	3144.75	251172	18.88738	509419.2
MUSKOGEE	979	6853	9.52	1713.25	124117	9.323342	251730.2
ATLANTA	1476	10332	9.59	2583	204604	15.36931	414971.4
WICHITA	580	4060	8.53	1015	72079	5.414384	146188.3
COLUMBIA	848	5936	10.27	1464	127229	9.557032	258039.8
HUNTINGTON	519	3833	9.07	908.25	72426	5.440450	146892.1
LINCOLN	387	2709	10.39	677.25	62908	4.717971	127385.2
BOISE	206	1442	11.17	360.5	36401	2.734347	73827.39
WACO	2054	14378	9.19	3594.5	310266	23.30636	629271.8
PHILADELPHIA	1696	11872	7.35	2969	222516	16.71481	451300.0
ST. LOUIS RPO	45517	318619	4.75	79654.75	16113251	1210.760	32590537

TABLE C.2 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	78708.9	3.893014	27.07814	67447.83	4.309598	23.20401
WASHINGTON	55860	5.004232	19.98308	42580	6.568055	15.22520
LOS ANGELES	114418.5	5.487419	18.22350	83105.25	6.743575	14.82892
PROVIDENCE	17059.56	5.675809	17.61863	14000.56	6.915924	14.45938
SAN FRANCISCO	89229	6.409044	15.60294	71772.75	7.967824	12.55047
NEW YORK	90246.55	6.971863	14.34336	70645.68	8.906230	11.22809
PITTSBURGH	32048.83	7.659223	13.00521	24683.86	9.993432	10.01659
SAN DIEGO	24892.61	8.409048	11.89067	18965.6	11.03805	9.059565
SEATTLE	49003.5	8.421556	11.97429	38197.25	10.80406	9.255771
MANCHESTER	7199.1	8.565358	11.67493	5319.475	11.59029	8.427904
INDIANAPOLIS	26749.1	9.031693	11.07213	17937.85	13.46813	7.424932
CLEVELAND	72318.4	9.093528	10.99675	52800.65	12.45503	8.029823
ST. LOUIS	31922.27	9.175235	10.89884	19935.65	14.69207	6.903392
HOUSTON	42607.95	9.455647	10.57234	27770.13	14.51247	6.890623
HONOLULU	7179.48	9.562464	10.45755	5533.605	12.40665	8.020191
DETROIT	41573.96	9.784141	10.22062	27983.02	14.53615	6.979399
BUFFALO	24174.85	9.873857	10.12774	16228.1	14.70900	6.798554
HARTFORD	14219.01	9.986502	10.01351	10935.57	12.98497	7.701200
WINSTON SALEM	40498.96	10.17330	9.829160	28593.46	14.40918	6.940019
ALBUQUERQUE	11498.76	10.31108	9.698297	7608.51	15.58317	6.417178
ANCHORAGE	2518.425	10.84943	9.217068	1870.05	14.61110	6.944110
DES MOINES	12694.51	10.85486	9.185391	8347.08	16.55710	6.039702
BALTIMORE	15817.2	10.982392	9.104211	11182.2	15.56458	6.424842
JACKSON	17488.62	11.08493	9.021336	10921.75	17.74976	5.633877
PORTLAND	17948.7	11.22251	8.910655	12462.45	16.16292	6.186999
ST. PETERSBURG	82474.35	11.27151	8.871840	53962.47	17.22714	5.904792
MONTGOMERY	26264	11.35037	8.910278	15125.25	19.70918	5.073776
NEWARK	22971.48	12.19933	8.196830	13794.48	20.31597	4.922234
NASHVILLE	24129.87	12.80605	7.912465	14163.18	21.80750	4.585577
NEW ORLEANS	22562.68	12.83006	7.784195	14449.68	20.03370	4.991589
SALT LAKE CITY	8320.16	13.33497	7.499133	3793.18	22.21855	4.500742
ST. PAUL	15307.89	13.42339	7.449680	9098.48	22.58447	4.427820
DENVER	17595.28	13.55258	7.319205	10903.72	22.04740	4.535680
FARGO	3789.94	14.09576	7.109461	2011.085	28.50754	3.772510
ROANOKE	20620.32	14.27712	7.004211	11578.32	25.43112	3.932188
RENO	4315.237	14.27855	7.003462	2195.55	29.06393	3.563292
LOUISVILLE	18395.21	14.46957	6.911055	10190.77	26.11880	3.928559
CHICAGO	33817.37	15.15345	6.599157	18679.81	27.27110	3.886884
MUSKOGEE	16310.14	15.43397	6.479213	8172.202	30.80323	3.246412
ATLANTA	25029.27	15.57944	6.031563	12760.02	32.52122	3.074914
WICHITA	8657.95	16.88487	5.922460	3836.7	38.10263	2.824490
COLUMBIA	15240.68	16.93099	5.906327	8191.68	31.50024	3.174578
HUNTINGTON	8237.827	17.82142	5.608078	3923.64	37.43772	2.671102
LINCOLN	7036.627	18.10316	5.523895	3819.69	33.34982	2.992534
BOISE	4026.785	18.33407	5.454324	2314.41	31.89900	3.134893
WACO	33033.45	19.04953	5.249472	15959.58	39.42910	2.825197
PHILADELPHIA	21814.8	20.68779	4.833758	7716.8	58.48279	1.709904
ST. LOUIS RPC	378360.0	85.40060	1.157399	0	ERR	0

TABLE C.3 CBA 30% GS5

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 30.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9483	33.2	2844.9	143318	10.76537	193782.0
WASHINGTON	1800	11200	19.95	3380	137927	10.35320	186387.8
LOS ANGELES	2584	17948	25.5	5384.4	309571	23.25415	418574.5
PROVIDENCE	388	2378	26.49	772.8	47741	3.588178	64551.21
SAN FRANCISCO	2100	14700	24.28	4410	231865	21.18046	381248.4
NEW YORK	2358	16308	21.87	4951.8	310224	23.30321	419457.8
PITTSBURGH	886	6202	20.57	1860.8	121204	9.127051	164287.0
SAN DIEGO	713	4991	19.95	1497.3	103219	7.753539	139563.7
SEATTLE	1300	9100	21.54	2730	203477	15.28445	275123.8
MANCHESTER	228	1582	18.2	472.6	30399	2.293493	41102.87
INDIANAPOLIS	1080	7420	14.42	2226	119117	8.947755	161059.6
CLEVELAND	2348	15438	17.6	4930.9	314250	24.35560	438422.5
ST. LOUIS	1442	10034	12.85	3028.2	144414	10.0245	195254
HOUSTON	1785	12495	13.84	3748.5	198708	14.92542	268679.6
HONOLULU	198	1338	20.72	415.9	33850	2.542723	45783.01
DETROIT	1635	11445	14.33	3433.5	200558	15.05538	271177.0
BUFFALO	956	6692	14.45	2007.6	117692	8.840713	159132.8
HARTFORD	395	2785	20.57	829.5	70013	5.259192	94655.46
WINSTON SALEM	1432	10024	15.15	3007.2	203143	15.25915	274672.2
ALBUQUERQUE	468	3278	14.04	982.8	53459	4.391235	79043.15
ANCHORAGE	78	546	18.45	163.8	13472	1.011921	18215.66
DES MOINES	523	3681	13.87	1093.3	82142	5.118647	92135.69
BALTIMORE	560	3920	16.14	1176	85861	6.434629	115823.3
JACKSON	790	5530	12.85	1559	95583	7.179943	129238.9
PORTLAND	660	4620	15.54	1385	99316	7.450355	134296.4
ST. PETERSBURG	3430	24010	13.74	7203	458354	34.43024	619746.2
MONTGOMERY	1340	9380	11.2	2914	148983	11.04097	193737.5
NEWARK	1104	7729	11.99	2318.4	138178	10.37955	186832.2
NASHVILLE	1199	8393	11.5	2517.9	152297	11.43939	205909.1
NEW ORLEANS	976	6832	13.21	2049.6	142730	10.72150	192987.0
SALT LAKE CITY	304	2129	11.89	638.4	41554	3.121427	56185.69
ST. PAUL	747	5229	11.71	1588.7	101315	7.610516	136999.2
DENVER	805	5835	12.49	1690.5	118530	8.903651	160255.9
FARGO	214	1498	10.12	449.4	25284	1.974384	35538.92
ROANOKE	1088	7616	10.83	2284.8	145155	10.90366	198255.9
RENO	255	1785	9.57	535.5	30380	2.292065	41077.18
LOUISVILLE	987	6909	10.65	2072.7	131237	9.858178	177447.2
CHICAGO	1797	12579	10.59	3773.7	251172	18.85739	339612.8
MUSKOGEE	979	6953	9.52	2055.9	124117	9.323342	167820.1
ATLANTA	1476	10332	9.49	3099.6	204604	15.36931	276647.6
WICHITA	580	4060	8.53	1218	72079	5.414384	97458.92
COLUMBIA	848	5936	10.27	1780.8	127228	9.557032	172025.5
HUNTINGTON	519	3633	9.07	1089.9	72426	5.440450	97929.11
LINCOLN	387	2709	10.39	812.7	62908	4.717971	84923.49
BOISE	206	1442	11.17	432.6	36401	2.734347	49218.25
WACO	2054	14373	9.19	4313.4	310266	23.20635	419514.5
PHILADELPHIA	1696	11972	7.25	3561.6	222516	16.71421	300986.7
ST. LOUIS RPC	45517	318619	4.75	95585.7	16119251	1210.750	21793691

TABLE C.3 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	94450.68	2.051674	48.74066	80937.40	2.394221	41.76722
WASHINGTON	67032	2.780129	35.96954	51072	3.648919	27.40537
LOS ANGELES	137302.2	3.048556	32.80230	111726.3	3.746430	25.69207
PROVIDENCE	20471.47	3.153227	31.71353	16800.67	3.842180	26.02688
SAN FRANCISCO	107074.8	3.560580	28.08530	86127.3	4.428569	22.59085
NEW YORK	108295.8	3.873257	25.81805	84774.81	4.947905	20.21057
PITTSBURGH	38458.60	4.271790	23.40938	29620.75	5.546351	19.02987
SAN DIEGO	29871.13	4.672193	21.40322	22758.96	6.132253	16.30721
SEATTLE	58804.2	4.678642	21.37372	45836.7	6.002260	16.56039
MANCHESTER	8637.72	4.758532	21.01469	6383.37	6.439055	15.53022
INDIANAPOLIS	32099.92	5.017602	19.92983	21525.42	7.482297	13.36487
CLEVELAND	86732.08	5.051993	19.79416	63360.78	6.919462	14.45198
ST. LOUIS	39306.73	5.097391	19.51791	23922.78	8.162262	12.25150
HOUSTON	51129.54	5.254301	19.03021	33324.16	8.062483	12.40312
HONOLULU	8615.376	5.312490	18.82359	6640.326	6.892535	14.50234
DETROIT	49288.75	5.435634	18.39711	33579.63	8.075640	12.32291
BUFFALO	29009.82	5.485481	18.22993	19473.72	8.171671	12.23739
HARTFORD	17062.81	5.548056	18.02432	13122.69	7.213976	13.86217
WINSTON SALEM	48595.35	5.652116	17.69248	34312.15	8.005100	12.49203
ALBUQUERQUE	13798.51	5.728382	17.45693	9130.212	8.657318	11.55092
ANCHORAGE	3022.11	6.027464	16.59072	2244.06	8.117279	12.31939
DES MOINES	15233.42	6.048258	16.53362	10016.45	9.198392	10.87146
BALTIMORE	18920.64	6.102182	16.38758	13394.64	8.646990	11.55471
JACKSON	20986.35	6.158240	16.23840	13106.1	9.860979	10.14099
PORTLAND	21539.44	6.234732	16.03517	14954.94	8.979402	11.13659
ST. PETERSBURG	99959.22	6.262010	15.95931	64754.97	9.570636	10.44862
MONTGOMERY	31516.8	6.305766	15.85850	18150.3	10.94954	9.122797
NEWARK	27565.77	6.777697	14.75429	16553.37	11.28665	8.860021
NASHVILLE	28955.85	7.111142	14.06243	16995.82	12.11529	8.254039
NEW ORLEANS	27075.21	7.127811	14.02955	17339.61	11.12983	8.984860
SALT LAKE CITY	7584.192	7.408253	13.49844	4551.792	12.34364	8.101336
ST. PAUL	18369.47	7.457441	13.40942	10918.15	12.54693	7.970076
DENVER	21114.34	7.590390	13.17456	13084.47	12.24855	8.164225
FARGO	4547.923	7.814312	12.79703	2413.279	14.72641	6.790519
ROANOKE	24744.38	7.931735	12.60758	13891.58	14.12940	7.077940
RENO	5178.285	7.932584	12.60623	2634.66	15.59107	6.413925
LOUISVILLE	22074.25	8.038650	12.43989	12228.93	14.51044	6.891587
CHICAGO	40340.85	8.418593	11.97848	22415.77	15.15061	6.600391
MUSKOGEE	19572.16	8.574429	11.66258	9806.643	17.11290	5.343542
ATLANTA	30035.12	9.210804	10.95821	15312.02	18.06724	5.534846
WICHITA	10389.54	9.320485	10.66042	4604.04	21.16813	4.724052
COLUMBIA	18229.81	9.406108	10.63138	9830.016	17.50013	5.714242
HUNTINGTON	9985.393	9.906344	10.09454	4708.368	20.79273	4.907934
LINCOLN	8443.953	10.05731	9.943011	4583.629	18.52757	5.397361
BOISE	4832.142	10.18559	9.817784	2777.292	17.72167	5.642908
WACO	39640.14	10.58307	9.449050	19151.49	21.90505	4.565156
PHILADELPHIA	26177.76	11.49321	8.700723	9260.16	32.49044	3.077329
ST. LOUIS RPC	454032.0	49.00933	2.083318	0	ERR	0

TABLE C.4 CBA 30% GS9

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 30.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9483	33.2	2844.9	143318	10.75557	290673.1
WASHINGTON	1600	11200	19.95	3360	137827	10.35320	279535.4
LOS ANGELES	2564	17948	25.5	5334.4	309571	23.25415	627862.3
PROVIDENCE	368	2576	26.49	772.8	47741	3.586178	96826.81
SAN FRANCISCO	2100	14700	24.22	4410	281965	21.18046	571872.6
NEW YORK	2358	16506	21.87	4951.8	310224	23.30321	629185.7
PITTSBURGH	836	6202	20.57	1860.6	121504	9.127051	246430.6
SAN DIEGO	713	4991	19.25	1497.3	103219	7.753559	209345.5
SEATTLE	1300	9100	21.54	2730	203477	15.28465	412625.7
MANCHESTER	226	1582	18.2	474.6	30399	2.293492	61654.30
INDIANAPOLIS	1060	7420	14.42	2226	119117	8.947755	241529.4
CLEVELAND	2348	16436	17.6	4930.9	324250	24.35660	657633.8
ST. LOUIS	1442	10034	12.65	3029.2	144414	10.848	292956
HOUSTON	1765	12495	13.64	3749.8	198708	14.92642	403013.4
HONOLULU	198	1386	20.72	415.6	33850	2.542723	68653.52
DETROIT	1635	11445	14.53	3433.5	200558	15.06528	406755.5
BUFFALO	956	6592	14.45	2007.6	117692	8.840713	238629.2
YARTFORD	395	2765	20.57	829.5	70013	5.259192	141998.1
WINSTON SALEM	1432	10024	16.16	3007.2	203143	15.25952	412002.3
ALBUQUERQUE	469	3276	14.04	982.8	53459	4.391236	118564.7
ANCHORAGE	78	545	18.45	163.8	13472	1.011981	27323.45
DES MOINES	523	3661	13.87	1098.3	68142	5.112547	132203.4
BALTIMORE	560	3920	16.14	1176	85661	6.434623	173734.9
JACKSON	790	5530	12.65	1659	95583	7.179943	193858.4
PORTLAND	660	4620	15.54	1386	99316	7.460255	201429.6
ST. PETERSBURG	3430	24010	13.74	7203	453354	34.43034	929619.3
MONTGOMERY	1340	9380	11.2	2914	146983	11.04087	298106.2
NEWARK	1104	7729	11.29	2318.4	139178	10.37955	280248.3
NASHVILLE	1199	8393	11.5	2517.9	152297	11.43933	308853.7
NEW ORLEANS	976	6822	13.21	2049.6	142730	10.72150	289480.5
SALT LAKE CITY	304	2129	11.85	638.4	41554	3.121427	84272.53
ST. PAUL	747	5229	11.71	1568.7	101315	7.610516	205483.9
DENVER	805	5635	12.43	1690.5	118530	8.903651	240392.8
FARGO	214	1498	10.12	449.4	26284	1.974384	53309.39
ROANOKE	1098	7616	10.93	2284.9	145155	10.90355	294399.3
RENO	255	1785	9.57	535.5	30380	2.292055	61615.77
LOUISVILLE	987	6909	10.55	2072.7	131237	9.858178	266170.8
CHICAGO	1797	12579	10.58	3773.7	251172	18.86738	509419.2
MUSKOGEE	979	6853	9.52	2055.9	124117	9.323342	251730.2
ATLANTA	1476	10332	9.55	3099.5	204604	15.36331	414971.4
WICHITA	580	4060	8.53	1212	72079	5.414384	146123.3
COLUMBIA	848	5936	10.27	1780.8	127228	9.557032	258039.8
HUNTINGTON	519	3623	9.07	1089.9	72426	5.440450	146232.1
LINCOLN	367	2709	10.38	812.7	62808	4.717971	127355.2
BOISE	206	1442	11.17	432.6	36401	2.734347	73827.38
WACO	2054	14378	9.19	4313.4	310266	23.30636	629271.8
PHILADELPHIA	1596	11872	7.35	3561.5	222516	16.71431	451300.0
ST. LOUIS RPC	45517	318619	4.75	95595.7	16118251	1210.750	32590537

TABLE C.4 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	94450.68	3.077512	32.49377	80937.40	3.591332	27.84481
WASHINGTON	67032	4.170194	23.97369	51072	5.473379	18.27024
LOS ANGELES	137302.2	4.572249	21.96220	111725.3	5.619646	17.79471
PROVIDENCE	20471.47	4.729241	21.14235	16800.67	5.763270	17.35125
SAN FRANCISCO	107074.8	5.340870	18.72353	86127.3	6.639853	15.06057
NEW YORK	108295.8	5.809895	17.21203	84774.81	7.421858	13.47371
PITTSBURGH	39459.60	6.407686	15.50825	29620.75	8.319527	12.01991
SAN DIEGO	29371.13	7.009290	14.25831	22758.96	9.198380	10.87147
SEATTLE	53804.2	7.017953	14.24914	45836.7	9.002391	11.10692
MANCHESTER	8537.72	7.137799	14.00992	6393.37	9.658533	10.35348
INDIANAPOLIS	32099.92	7.525403	13.25855	21525.42	11.22344	8.909919
CLEVELAND	86782.09	7.577990	13.13910	63360.78	10.37919	9.534559
ST. LOUIS	38306.73	7.646071	13.07361	23922.79	12.24339	8.137670
HOUSTON	51129.54	7.882202	12.53680	33324.18	12.09372	9.288742
HONOLULU	8615.376	7.968720	12.54905	6640.325	10.33887	9.872229
DETROIT	49882.75	8.153451	12.25474	33579.83	12.11346	9.255279
BUFFALO	29009.82	8.228222	12.15329	19473.72	12.25750	8.153265
HARTFORD	17062.81	8.322085	12.01621	13122.69	10.82081	9.241448
WINSTON SALEM	48596.35	8.478174	11.79499	34312.15	12.00765	8.329023
ALBUQUERQUE	13792.51	8.592573	11.53795	9130.212	12.98597	7.700613
ANCHORAGE	3022.11	9.041197	11.05043	2244.05	12.17591	8.212932
DES MOINES	15233.42	9.072337	11.02245	10016.49	13.79753	7.247642
BALTIMORE	18980.64	9.153273	10.92505	13394.64	12.97048	7.709811
JACKSON	20996.35	9.237360	10.82550	13106.1	14.79146	6.760553
PORTLAND	21538.44	9.352099	10.69278	14954.94	13.46910	7.424399
ST. PETERSBURG	98969.22	9.393015	10.64620	64754.97	14.35595	6.955750
MONTGOMERY	31516.8	9.458649	10.57233	18150.3	16.42432	6.098531
NEWARK	27555.77	9.16553	9.835196	16553.37	16.92998	5.906521
NASHVILLE	28955.85	9.66671	9.374958	16995.82	18.17292	5.502592
NEW ORLEANS	27075.21	10.69171	9.333034	17339.61	16.69475	5.999906
SALT LAKE CITY	7584.192	11.11239	8.998960	4551.792	19.51546	5.400991
ST. PAUL	18389.47	11.18616	8.939515	10918.15	18.82039	5.313384
DENVER	21114.34	11.38557	8.733046	13084.47	18.37292	5.442316
FARGO	4547.929	11.72146	8.531354	2413.278	22.08962	4.527013
ROANOKE	24744.38	11.89760	8.405033	13891.58	21.19250	4.718525
RENO	5178.295	11.89837	8.404154	2634.66	23.38661	4.275950
LOUISVILLE	22074.25	12.05797	8.233266	12228.93	21.76566	4.594291
CHICAGO	49340.85	12.62787	7.918928	22415.77	22.72592	4.400251
MUSKOGEE	19572.16	12.86164	7.775055	9806.643	25.66936	3.995695
ATLANTA	32035.12	13.81920	7.237376	15312.02	27.10102	3.589997
WICHITA	10289.54	14.07072	7.105952	4604.04	31.75219	3.149388
COLUMBIA	18288.81	14.10916	7.097592	9830.016	29.25020	3.809494
HUNTINGTON	9885.393	14.85951	6.729693	4708.368	31.19810	3.205322
LINCOLN	8443.953	15.08597	6.529674	4583.629	27.79135	3.598241
BOISE	4832.142	15.27839	6.543.83	2777.292	26.58250	3.751872
WACO	39640.14	15.87461	6.299367	19151.49	32.85759	3.043437
PHILADELPHIA	25177.76	17.23992	5.900522	9260.16	48.73556	2.051985
ST. LOUIS RPC	454032.0	72.00050	1.33379	0	ERR	0

TABLE C.5 CBA 35% GS5

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 35.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9493	33.2	3319.05	143318	10.76557	193782.0
WASHINGTON	1600	11200	19.95	3920	137327	10.35320	186357.6
LOS ANGELES	2564	17948	25.5	6281.8	309571	23.25415	418574.8
PROVIDENCE	368	2578	26.43	901.6	47741	3.585179	64551.21
SAN FRANCISCO	2100	14700	24.22	5145	281955	21.18046	381248.4
NEW YORK	2358	16506	21.67	5777.1	310224	23.30321	419457.8
PITTSBURGH	886	6202	20.67	2170.7	121504	9.127061	164287.0
SAN DIEGO	713	4991	19.95	1746.85	103219	7.753539	139553.7
SEATTLE	1300	9100	21.54	3185	203477	15.29465	275123.8
MANCHESTER	226	1582	18.2	553.7	30399	2.283492	41102.87
INDIANAPOLIS	1060	7420	14.42	2597	119117	8.947755	161059.6
CLEVELAND	2348	16426	17.6	5752.6	324250	24.35930	439422.5
ST. LOUIS	1442	10094	12.55	3532.9	144414	10.842	195254
HOUSTON	1785	12495	13.54	4373.25	198708	14.92542	258575.6
MCHOLLU	198	1396	20.72	485.1	33350	2.542723	45769.01
DETROIT	1635	11445	14.53	4005.75	200558	15.05533	271177.0
BUFFALO	956	6592	14.45	2342.2	117692	8.840713	159132.2
HARTFORD	395	2765	20.57	967.75	70013	5.253192	94655.46
WINSTON SALEM	1432	10024	16.12	3508.4	203143	15.25955	274672.2
ALBUQUERQUE	468	3276	14.04	1146.6	58459	4.391228	79043.15
ANCHORAGE	73	546	18.45	191.1	13472	1.011931	13215.56
DES MOINES	523	3661	13.87	1291.35	63142	5.118647	92135.65
BALTIMORE	580	3920	16.14	1372	85651	6.434623	115823.3
JACKSON	790	5530	12.65	1935.5	95583	7.179943	129239.9
PORTLAND	660	4620	15.54	1517	99316	7.460255	134225.4
ST. PETERSEURG	3430	24010	13.74	8403.5	453354	34.13034	819746.2
MONTGOMERY	1340	9380	11.2	3293	146933	11.04097	198737.5
NEWARK	1104	7728	11.89	2704.8	138178	10.37958	188832.2
NASHVILLE	1199	8393	11.5	2937.55	452297	11.43939	205309.1
NEW ORLEANS	976	6832	13.21	2391.2	142730	10.72150	192987.0
SALT LAKE CITY	304	2128	11.82	744.8	41554	3.121427	56185.63
ST. PAUL	747	5229	11.71	1830.15	101315	7.810515	135989.2
DENVER	805	5635	12.49	1972.25	118530	8.903651	160255.9
FARGO	214	1498	10.12	524.3	26284	1.974284	35538.92
ROANOKE	1088	7616	10.23	2665.6	145155	10.90355	196255.9
RENO	255	1785	9.67	624.75	30380	2.292055	41077.18
LOUISVILLE	997	6909	10.55	2418.15	121237	9.858178	177447.2
CHICAGO	1797	12579	10.59	4402.65	251172	18.86733	339612.3
MUSKOGEE	979	6853	9.52	2398.55	124117	9.323342	167820.1
ATLANTA	1476	10332	9.69	3615.2	204604	15.36931	276547.6
WICHITA	580	4060	8.53	1421	72079	5.414384	97458.92
COLUMBIA	848	5936	10.27	2077.6	127228	9.557032	172025.5
HUNTINGTON	519	3633	9.07	1271.55	72426	5.440450	97929.11
LINCOLN	387	2709	10.39	948.15	62808	4.717971	84923.49
BOISE	205	1442	11.17	504.7	36401	2.734247	49218.25
WACO	2054	14378	9.19	5032.3	310266	23.30626	419514.5
PHILADELPHIA	1695	11972	7.35	4155.2	222516	16.71421	300855.7
ST. LOUIS RPC	45517	318619	4.75	111516.6	16118251	1210.750	2179359.7

TABLE C.5 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	110192.4	1.752578	58.86411	94426.97	2.052189	48.72843
WASHINGTON	78204	2.382568	41.93447	59534	3.127845	31.97293
LOS ANGELES	160185.9	2.813056	38.26935	130347.3	3.211226	31.14074
PROVIDENCE	23883.38	2.702768	36.99912	18600.78	3.293297	30.36470
SAN FRANCISCO	124920.6	3.051928	32.76819	100481.8	3.794202	26.35600
NEW YORK	126345.1	3.319935	30.12106	98903.95	4.241062	23.57898
PITTSBURGH	44868.36	3.651534	27.31095	34557.54	4.754015	21.03484
SAN DIEGO	34849.85	4.004737	24.97042	26552.12	5.258217	19.02503
SEATTLE	68604.9	4.010285	24.93600	53476.15	5.144795	19.43712
MANCHESTER	10077.34	4.079742	24.51736	7447.265	5.519190	13.11859
INDIANAPOLIS	37448.74	4.300801	23.25147	25112.99	6.413399	15.59235
CLEVELAND	101245.7	4.330290	23.09319	73920.91	5.930967	18.86065
ST. LOUIS	44691.18	4.353193	22.83757	27909.91	6.996224	14.29342
HOUSTON	59651.13	4.504115	22.20191	38878.19	6.910702	14.47030
HONOLULU	10051.27	4.553554	21.96086	7747.047	5.907930	15.92640
DETROIT	58203.54	4.653114	21.46330	39175.23	6.921977	14.44673
BUFFALO	33844.79	4.701841	21.25825	22719.34	7.004289	14.27592
HARTFORD	19906.61	4.755477	21.02338	15309.80	6.183322	16.17253
WINSTON SALEM	56595.74	4.844570	20.54123	40030.84	6.861514	14.57404
ALBUQUERQUE	16098.25	4.910042	20.36542	10651.91	7.420553	13.47607
ANCHORAGE	3525.795	5.155393	19.35584	2618.07	6.957668	14.37253
DES MOINES	17772.32	5.184221	19.28930	11685.91	7.884335	12.68337
BALTIMORE	22144.08	5.230441	19.11894	15627.08	7.411705	13.49217
JACKSON	24484.07	5.273491	18.94480	15290.45	8.452258	11.23114
PORTLAND	25129.18	5.344056	18.71237	17447.43	7.695630	12.92259
ST. PETERSBURG	115464.0	5.357437	18.53086	75547.46	8.203402	12.19006
MONTGOMERY	35789.6	5.404942	18.50158	21175.35	9.385325	10.55493
NEWARK	32160.07	5.809446	17.21334	19312.27	9.874274	10.33669
NASHVILLE	33781.82	6.095255	16.40517	19828.46	10.38452	9.529712
NEW ORLEANS	31587.75	6.109582	16.36780	20229.55	9.539857	10.48233
SALT LAKE CITY	8848.224	6.349939	15.74818	5310.424	10.53025	9.451559
ST. PAUL	21431.05	6.392092	15.64432	12737.84	10.75451	9.293422
DENVER	24633.40	6.506040	15.37033	15255.21	10.49375	9.524929
FARGO	5305.916	6.697981	14.92987	2815.491	12.62264	7.922272
ROANOKE	28858.44	6.798530	14.70884	16206.84	12.11006	8.257596
RENO	6041.332	6.799359	14.70727	3073.77	13.36377	7.482913
LOUISVILLE	25753.29	6.890271	14.51321	14267.08	12.43752	8.040185
CHICAGO	47064.32	7.215928	13.85822	26151.74	12.98624	7.700456
MUSKOGEE	22934.19	7.349510	13.60634	11441.08	14.66820	6.817465
ATLANTA	35040.97	7.854975	12.55529	17854.02	15.48629	6.457321
WICHITA	12121.13	8.040416	12.43716	5371.38	18.14411	5.511429
COLUMBIA	21336.95	8.052378	12.40329	11468.35	15.00011	6.666515
HUNTINGTON	11532.95	8.491152	11.77696	5493.096	17.82748	5.609314
LINCOLN	9851.278	8.520555	11.60018	5347.566	15.98077	6.296921
BOISE	5637.499	8.730512	11.45409	3240.174	15.19000	6.583277
WACO	46246.83	9.071206	11.02389	22343.41	18.77576	5.325015
PHILADELPHIA	30540.72	9.851329	10.15091	10803.52	27.84895	3.530799
ST. LOUIS RPC	529704.0	41.14314	2.430538	0	ERR	0

TABLE C.6 CBA 35% GS9

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 35.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9483	33.2	3319.05	143318	10.76567	290373.1
WASHINGTON	1600	11200	19.95	3920	137827	10.35320	279533.4
LOS ANGELES	2564	17948	25.5	6291.8	309571	23.25415	627962.3
PROVIDENCE	368	2576	29.49	901.6	47741	3.585178	96826.81
SAN FRANCISCO	2100	14700	24.29	5145	281965	21.18046	571272.6
NEW YORK	2358	16506	21.87	5777.1	310224	23.30321	629186.7
PITTSBURGH	895	6202	20.67	2170.7	121504	9.127081	248430.6
SAN DIEGO	713	4991	19.95	1746.85	103219	7.753539	209345.5
SEATTLE	1300	9100	21.54	3185	203477	15.29465	412695.7
MANCHESTER	226	1592	18.2	553.7	30399	2.283492	61654.30
INDIANAPOLIS	1060	7420	14.42	2597	119117	8.947755	241589.4
CLEVELAND	2246	16438	17.8	5732.6	324250	24.35530	657633.8
ST. LOUIS	1442	10094	12.65	3532.9	144414	10.948	292995
HOUSTON	1785	12495	13.54	4373.25	199708	14.92542	403013.4
HONOLULU	198	1286	20.72	485.1	33950	2.542723	68653.52
DETROIT	1635	11445	14.53	4005.75	200558	15.06338	405765.5
BUFFALO	956	6592	14.45	2342.2	117692	8.840713	228699.2
HARTFORD	395	2755	20.57	987.75	70013	5.259192	141398.1
WINSTON SALEM	1432	10024	16.16	3508.4	203143	15.25935	412009.3
ALBUQUERQUE	468	3278	14.04	1146.6	53459	4.391255	113564.7
ANCHORAGE	78	546	18.45	191.1	13472	1.011921	27323.49
DES MOINES	523	3651	13.27	1291.35	62142	5.118647	138203.4
BALTIMORE	560	3920	15.14	1372	85661	6.434629	173734.9
JACKSON	790	5530	12.55	1935.5	95583	7.179943	193853.4
PORTLAND	660	4620	15.54	1617	99316	7.480356	201429.6
ST. PETERSBURG	3430	24010	13.74	8403.5	458354	34.43034	929619.3
MONTGOMERY	1340	9390	11.2	3283	146983	11.04097	298106.3
NEWARK	1104	7728	11.89	2704.8	139178	10.37956	290248.3
NASHVILLE	1199	8392	11.5	2937.55	152287	11.43933	308863.7
NEW ORLEANS	976	6232	13.21	2391.2	142730	10.72150	289480.5
SALT LAKE CITY	304	2128	11.89	744.8	41554	3.121427	84278.53
ST. PAUL	747	5229	11.71	1830.15	101315	7.810516	205423.9
DENVER	805	5535	12.49	1972.25	118530	8.903561	240398.3
FARGO	214	1498	10.12	524.3	25284	1.974384	53309.39
ROANOKE	1088	7516	10.83	2665.6	145155	10.90395	294398.8
RENO	255	1795	9.67	624.75	30380	2.282055	61615.77
LOUISVILLE	987	6909	10.65	2418.15	131237	9.858178	266170.8
CHICAGO	1797	12579	10.59	4402.65	251172	18.86732	509419.2
MUSKOGEE	979	6853	9.52	2398.55	124117	9.323342	251730.2
ATLANTA	1476	10332	9.59	3616.2	204604	15.36931	414971.4
WICHITA	580	4060	8.53	1421	72079	5.414334	146188.3
COLUMBIA	848	5935	10.27	2077.6	127228	9.557032	258039.8
HUNTINGTON	519	3633	9.07	1271.55	72425	5.440450	146892.1
LINCOLN	387	2709	10.39	948.15	62908	4.717971	127385.2
BOISE	206	1442	11.17	504.7	36401	2.734347	73827.38
WACO	2054	14378	9.19	5032.3	310266	23.30635	629271.8
PHILADELPHIA	1696	11272	7.35	4155.2	222516	16.71481	451300.0
ST. LOUIS RPC	45517	312619	4.75	111518.6	16119251	1210.760	32490537

TABLE C.6 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	110192.4	2.637867	37.90940	94428.97	3.078204	32.48562
WASHINGTON	78204	3.574452	27.97831	59584	4.891468	21.31528
LOS ANGELES	180185.9	3.919585	25.51290	130347.3	4.816839	20.78049
PROVIDENCE	23883.38	4.054149	24.86808	19600.78	4.939846	20.24313
SAN FRANCISCO	124920.6	4.577889	21.84412	100481.8	5.691303	17.57086
NEW YORK	126345.1	4.979902	20.08071	98903.95	6.361593	15.71933
PITTSBURGH	44868.38	5.492302	18.20730	34557.54	7.131023	14.02323
SAN DIEGO	34349.65	6.007105	16.64695	26552.12	7.884326	12.68339
SEATTLE	68804.9	6.015397	16.62400	53478.15	7.717192	12.95508
MANCHESTER	10077.34	6.118113	16.34490	7447.255	8.278785	12.07906
INDIANAPOLIS	37448.74	6.451202	15.50098	25112.99	9.620097	10.39490
CLEVELAND	101245.7	6.495420	15.39548	73920.91	8.896451	11.24043
ST. LOUIS	44691.18	6.553775	15.25938	27909.91	10.49433	9.528948
HOUSTON	59651.13	6.756173	14.80127	38878.19	10.36605	9.648373
HONOLULU	10051.27	6.830331	14.64057	7747.047	8.861895	11.28426
DETROIT	58203.54	6.988672	14.30886	39175.23	10.38296	9.631159
BUFFALO	33844.79	7.052762	14.17884	22719.34	10.50843	9.517976
HARTFORD	19906.51	7.133215	14.01892	15309.80	9.274984	10.78168
WINSTON SALEM	56695.74	7.267005	13.76092	40030.84	10.29227	9.716027
ALBUQUERQUE	18098.26	7.385083	13.57761	10651.91	11.13083	8.984049
ANCHORAGE	3525.799	7.749597	12.90339	2618.07	10.43650	9.581754
DES MOINES	17772.32	7.776331	12.85953	11685.91	11.82950	8.455583
BALTIMORE	22144.08	7.845662	12.74599	15627.08	11.11755	8.994780
JACKSON	24484.07	7.917737	12.62997	15290.45	12.67840	7.887429
PORTLAND	25129.18	8.016085	12.47491	17447.43	11.54494	8.661799
ST. PETERSBURG	118484.0	8.051155	12.42057	75547.46	12.30510	8.126709
MONTGOMERY	36769.6	8.107413	12.33438	21175.35	14.07799	7.103286
NEWARK	32160.07	8.714170	11.47556	19312.27	14.51141	6.891128
NASHVILLE	33781.82	9.142897	10.93745	19828.48	15.57678	6.419808
NEW ORLEANS	31597.75	9.164329	10.91187	20229.55	14.30978	6.988224
SALT LAKE CITY	8848.224	9.524909	10.49878	5310.424	15.87039	6.301039
ST. PAUL	21431.05	9.588138	10.42955	12727.84	16.13176	6.198948
DENVER	24633.40	9.759060	10.24688	15265.21	15.74814	6.349952
FARGO	5305.916	10.04697	9.953246	2815.491	18.93399	5.281515
ROANOKE	29868.44	10.19794	9.805296	16206.84	18.18509	5.505064
RENO	6041.332	10.19903	9.804847	3073.77	20.04566	4.988608
LOUISVILLE	25753.29	10.33540	9.575477	14267.08	18.65629	5.360123
CHICAGO	47084.32	10.62339	9.238919	26151.74	19.47936	5.133637
MUSKOGEE	22934.19	11.02426	9.070898	11441.09	22.00230	4.544977
ATLANTA	35040.97	11.84246	8.444189	17884.02	23.22944	4.304880
WICHITA	12121.13	12.08062	8.291444	5371.39	27.21617	3.674286
COLUMBIA	21336.95	12.09356	8.268258	11468.35	22.50017	4.444410
HUNTINGTON	11532.95	12.73672	7.851309	5493.096	25.74123	3.739543
LINCOLN	9851.278	12.93083	7.733453	5347.566	23.82116	4.197947
BOISE	5837.499	13.09576	7.636054	3240.174	22.78500	4.388851
WACO	46248.93	13.60680	7.349261	22343.41	28.16364	3.550676
PHILADELPHIA	30540.72	14.77699	6.767275	10803.52	41.77342	2.393866
ST. LOUIS RPC	529704.0	61.71471	1.620359	0	ERR	0

TABLE C.7 CBA 40% GS5

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 40.0%	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9483	33.2	3793.2	143318	10.76567	193792.0
WASHINGTON	1600	11200	19.94	4480	137927	10.35320	186357.8
LOS ANGELES	2564	17948	25.5	7179.2	309871	23.25415	418574.5
PROVIDENCE	368	2578	26.49	1030.4	47741	3.586173	64551.21
SAN FRANCISCO	2100	14700	24.25	5880	281985	21.18048	381248.4
NEW YORK	2398	16508	21.97	6602.4	310224	23.30321	419457.8
PITTSBURGH	888	6202	20.57	2480.8	121504	9.127061	184387.0
SAN DIEGO	713	4991	19.35	1996.4	103219	7.753539	139563.7
SEATTLE	1300	9100	21.54	3640	203477	15.29455	275123.8
MANCHESTER	226	1582	19.2	632.8	30399	2.293492	41102.87
INDIANAPOLIS	1050	7420	14.42	2968	119117	8.947755	181059.3
CLEVELAND	2348	16436	17.3	6574.4	324250	24.35430	438422.5
ST. LOUIS	1442	10094	12.55	4037.6	144414	10.343	193254
HOUSTON	1785	12495	13.54	4998	198708	14.92842	268475.5
HONOLULU	199	1389	20.73	554.4	33850	2.542723	45769.01
DETROIT	1635	11445	14.53	4578	200558	15.05538	271177.0
BUFFALO	956	6692	14.45	2676.8	117592	8.840713	159132.8
HARTFORD	395	2765	20.57	1108	70013	5.259192	94655.46
WINSTON SALEM	1432	10024	16.15	4009.6	203143	15.25355	274672.2
ALBUQUERQUE	489	3275	14.64	1310.4	58459	4.391235	79043.15
ANCHORAGE	78	548	18.43	218.4	13472	1.011291	18215.56
DES MOINES	523	3661	13.97	1464.4	68142	5.118847	92135.55
BALTIMORE	580	3920	16.14	1568	85661	6.434229	115823.3
JACKSON	790	5530	12.55	2212	95583	7.179943	129232.9
PORTLAND	660	4620	15.54	1848	99316	7.460355	134256.4
ST. PETERSBURG	3430	24010	13.74	9604	459354	34.43034	619748.2
MONTGOMERY	1340	9380	11.2	3752	146983	11.04097	198737.5
NEWARK	1104	7729	11.29	3091.2	138178	10.37955	188832.2
NASHVILLE	1199	8393	11.5	3357.2	152287	11.43939	205908.1
NEW ORLEANS	976	6832	13.21	2732.8	142730	10.72150	192987.0
SALT LAKE CITY	304	2128	11.23	851.2	41584	3.121427	56185.59
ST. PAUL	747	5229	11.71	2091.6	101315	7.610516	136929.2
DENVER	805	5635	12.49	2254	118530	8.903861	180255.9
FARGO	214	1498	10.12	599.2	26284	1.974384	35538.92
ROANOKE	1088	7816	10.23	3046.4	145155	10.90366	196265.9
RENO	255	1785	9.57	714	30380	2.282065	41077.18
LOUISVILLE	987	6909	10.55	2763.6	131237	9.858178	177447.2
CHICAGO	1797	12579	10.59	5031.6	251172	18.86738	339812.8
MUSKOGEE	979	6853	9.52	2741.2	124117	9.323342	167820.1
ATLANTA	1476	10332	9.59	4132.8	204604	15.36931	276547.6
WICHITA	580	4050	8.53	1624	72079	5.414394	97458.92
COLUMBIA	848	5936	10.27	2374.4	127228	9.557032	172029.5
HUNTINGTON	519	3633	9.07	1453.2	72426	5.440450	97929.11
LINCOLN	387	2709	10.39	1083.6	62808	4.717971	84923.49
BOISE	206	1442	11.17	576.8	36401	2.734347	49218.25
WACO	2054	14378	9.19	5751.2	310268	23.30636	419514.5
PHILADELPHIA	1696	11873	7.35	4748.8	222516	15.71481	300855.7
ST. LOUIS RPC	45517	318619	4.75	127447.6	16119251	1210.750	21793691

TABLE C.7 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	125934.2	1.538758	64.98735	107916.5	1.795888	55.68963
WASHINGTON	89376	2.085097	47.95939	88086	2.736689	36.54049
LOS ANGELES	183069.8	2.288424	43.73640	148968.4	2.809823	35.58942
PROVIDENCE	27395.29	2.364920	43.28471	22400.89	2.881835	34.70251
SAN FRANCISCO	142768.4	2.670435	37.44707	114838.4	3.319926	30.12114
NEW YORK	144394.4	2.904943	34.42407	113033.0	3.710929	26.94742
PITTSBURGH	51278.13	3.203843	31.31251	39494.33	4.159763	24.03982
SAN DIEGO	39828.18	3.504145	28.53753	30345.28	4.599190	21.74295
SEATTLE	78405.3	3.508981	28.49829	61115.6	4.501695	22.21385
MANCHESTER	11516.98	3.568899	28.01984	8511.16	4.839291	20.70697
INDIANAPOLIS	42798.56	3.763201	25.57311	28700.56	5.811723	17.81993
CLEVELAND	115709.4	3.788955	25.39221	84481.04	5.188596	19.25931
ST. LOUIS	51075.84	3.323035	25.15722	31897.04	6.121696	15.33534
HOUSTON	68173.72	3.941101	25.37341	44432.22	6.046864	15.53749
HONOLULU	11487.16	3.984380	25.09813	8853.768	5.169439	13.34445
DETROIT	68518.34	4.078725	24.52949	44772.84	6.056730	15.31055
BUFFALO	38679.76	4.114111	24.30858	25984.86	6.129753	15.31653
HARTFORD	22750.42	4.161042	24.03243	17496.92	5.410407	19.48289
WINSTON SALEM	64795.13	4.239087	23.58998	45749.53	6.003825	14.51604
ALBUQUERQUE	18398.01	4.294285	23.27591	12173.61	6.492989	15.40122
ANCHORAGE	4029.48	4.320338	22.12096	2992.08	8.087959	16.42536
DES MOINES	20311.22	4.536193	22.04491	13355.32	6.898794	14.48528
BALTIMORE	25307.52	4.575536	21.25010	17859.52	6.485242	15.41982
JACKSON	27981.8	4.518880	21.55120	17474.8	7.398734	13.52130
PORTLAND	28717.92	4.676049	21.38357	19939.92	6.734551	14.84879
ST. PETERSBURG	131958.9	4.695507	21.29241	86339.96	7.177977	13.93150
MONTGOMERY	42022.4	4.729324	21.14488	24200.4	8.212160	12.17709
NEWARK	36754.36	5.083235	19.67339	22071.16	8.464990	11.81336
NASHVILLE	38607.8	5.332357	18.74991	22661.1	9.086480	11.00533
NEW ORLEANS	36100.29	5.345859	18.70606	23119.48	8.347375	11.97881
SALT LAKE CITY	10112.25	5.556197	17.99792	6069.058	9.257731	10.80178
ST. PAUL	24492.63	5.593080	17.87923	14557.53	9.410197	10.52578
DENVER	28132.46	5.692735	17.56809	17445.96	9.186419	10.83553
FARGO	6083.904	5.860734	17.06270	3217.704	11.04481	9.054025
ROANOKE	32992.51	5.948901	16.81010	18522.11	10.59830	9.437253
RENO	8904.38	5.949438	15.90830	3512.88	11.69330	8.551900
LOUISVILLE	29432.34	6.029987	16.58653	18305.24	10.88293	9.189793
CHICAGO	53787.80	6.313937	15.93797	29887.70	11.36296	8.300522
MUSKOGEE	26096.22	6.430821	15.55011	13075.52	12.83468	7.791390
ATLANTA	40046.83	6.908123	14.47575	20416.03	13.55051	7.379795
WICHITA	13852.72	7.035364	14.21390	6138.72	15.87609	6.299776
COLUMBIA	24385.08	7.054591	14.17518	13106.68	13.12510	7.618989
HUNTINGTON	13180.52	7.429753	13.45938	6277.824	15.59905	6.410649
LINCOLN	11258.60	7.542935	13.25734	8111.504	13.89567	7.196482
BOISE	6442.958	7.639193	12.09037	3703.058	13.29125	7.523745
WACO	52953.52	7.937305	12.59873	25535.32	16.42879	5.085874
PHILADELPHIA	34903.68	8.619913	11.60104	12348.88	24.38783	4.103770
ST. LOUIS RPC	605378.1	36.00025	2.777758	0	ERR	0

TABLE C.8 CBA 40% GS9

REGIONAL OFFICE	# OF FILE CABINETS	SQ. FEET OCCUPIED	ANNUAL COST PER SQ. FT.	SQ. FT. SAVED BY CULLING 40.0 %	NUMBER OF C FOLDERS	PERIOD YRS. TO CULL	COST OF CULLING C FOLDERS
BOSTON	1355	9483	33.2	3793.2	143318	10.76567	290673.1
WASHINGTON	1600	11200	19.95	4480	137827	10.35320	279536.4
LOS ANGELES	2564	17348	25.5	7179.2	309571	23.25415	627862.3
PROVIDENCE	368	2378	26.49	1030.4	47741	3.886178	96828.81
SAN FRANCISCO	2100	14700	24.28	5880	281985	21.18046	571872.6
NEW YORK	2358	16506	21.67	6602.4	310224	23.30321	629186.7
PITTSBURGH	886	6202	20.67	2460.8	121504	9.127061	246430.5
SAN DIEGO	713	4991	19.95	1998.4	103219	7.753539	209345.5
SEATTLE	1300	9100	21.54	3640	203477	15.28485	412985.7
MANCHESTER	225	1582	18.2	632.8	30399	2.285492	61654.30
INDIANAPOLIS	1060	7420	14.42	2968	119117	8.947755	241589.4
CLEVELAND	2348	16434	17.6	6574.4	324250	24.35530	617433.9
ST. LOUIS	1442	10094	12.65	4037.6	144414	10.848	292996
HOUSTON	1785	12491	13.64	4998	198708	14.92542	403013.4
HONOLULU	199	1385	20.72	554.4	33850	2.542723	63853.52
DETROIT	1635	11445	14.53	4378	200558	15.06538	408765.5
BUFFALO	956	6592	14.45	2576.8	117692	8.940713	238699.2
HARTFORD	395	2755	20.57	1105	70013	5.259192	141998.1
WINSTON SALEM	1432	10224	15.16	4009.6	203143	15.25955	412002.2
ALBUQUERQUE	468	3275	14.04	1310.4	58459	4.391234	119564.7
ANCHORAGE	78	546	18.45	218.4	13472	1.011931	27323.49
DES MOINES	523	3581	13.87	1464.4	68142	5.118547	138203.4
BALTIMORE	580	3920	16.14	1568	85861	6.434529	173734.9
JACKSON	790	5530	12.65	2212	95583	7.179943	193858.8
PORTLAND	680	4520	15.54	1848	99316	7.460355	201429.6
ST. PETERSBURG	3430	24010	13.74	9804	458354	34.43034	929519.3
MONTGOMERY	1340	9380	11.2	3752	146983	11.04087	298108.3
NEWARK	1104	7728	11.89	3091.2	138178	10.37955	280248.3
NASHVILLE	1199	8393	11.5	3357.2	152287	11.43939	308953.7
NEW ORLEANS	976	6232	13.21	2732.8	142730	10.72150	299480.5
SALT LAKE CITY	304	2125	11.88	851.2	41554	3.121427	84278.53
ST. PAUL	747	5229	11.71	2091.6	101315	7.510516	205483.9
DENVER	805	5635	12.49	2254	118530	8.903681	240398.8
FARGO	214	1493	10.12	599.2	25284	1.974394	53308.39
ROANOKE	1089	7516	10.83	3046.4	145155	10.90386	294398.8
RENO	255	1785	9.57	714	30380	2.252065	61615.77
LOUISVILLE	987	6909	10.65	2763.6	131237	9.858173	265170.9
CHICAGO	1797	12579	10.89	5031.6	251172	18.86738	509419.2
MUSKOGEE	979	6553	9.52	2741.2	124117	9.323342	251730.2
ATLANTA	1476	10332	9.69	4132.8	204804	15.36931	414971.4
WICHITA	580	4050	8.53	1624	72079	5.414394	146184.3
COLUMBIA	848	5936	10.27	2374.4	127228	9.557032	258039.8
HUNTINGTON	519	3533	9.07	1453.2	72428	5.440450	146892.1
LINCOLN	387	2709	10.39	1083.6	62808	4.717971	127385.2
BOISE	206	1442	11.17	575.8	36401	2.734347	73827.38
WACO	2054	14378	9.19	5751.2	310266	23.30635	629271.8
PHILADELPHIA	1696	11872	7.35	4748.8	222515	18.71481	451200.0
ST. LOUIS RPC	45517	319519	4.75	127447.6	16118251	1210.752	32590537

TABLE C.8 (Cont'd)

REGIONAL OFFICE	ANNUAL BENEFIT OF CULLING	PAYBACK	ARR	ANNUAL BENEFIT CULLING TO RPC	PAYBACK CULLING-RPC	ARR % CULLING-RPC
BOSTON	129934.2	2.308134	43.32503	107916.5	2.693499	37.12942
WASHINGTON	89370	3.127845	31.97293	88096	4.105034	24.36032
LOS ANGELES	183069.6	3.409637	29.15750	148968.4	4.214734	23.72923
PROVIDENCE	27295.29	3.547381	28.18981	22400.89	4.332452	23.13501
SAN FRANCISCO	140766.4	4.005653	24.96471	114836.4	4.979890	20.08074
NEW YORK	144394.4	4.387414	22.94938	113033.0	5.566394	17.96495
PITTSBURGH	51278.13	4.805764	20.80834	39494.33	6.239645	16.02655
SAN DIEGO	39828.18	5.286217	19.02508	30345.28	6.896785	14.48530
SEATTLE	78405.6	5.263472	18.99888	51115.6	6.752543	14.80923
MANCHESTER	11516.98	5.353349	18.07989	8511.18	7.243937	13.80464
INDIANAPOLIS	42798.56	5.644802	17.71241	28700.56	8.417585	11.87959
CLEVELAND	115709.4	5.683493	17.59481	84481.04	7.784395	12.84021
ST. LOUIS	51075.54	5.734553	17.43814	31897.04	9.182544	10.89022
HOUSTON	68172.72	5.911652	16.91574	44432.22	9.070295	11.02499
HONOLULU	11487.18	5.976540	16.73208	8853.768	7.754158	12.89630
DETROIT	66518.34	6.115088	16.35399	44772.84	9.085089	11.00703
BUFFALO	38673.78	6.171167	16.30438	25964.96	9.193130	10.97769
HARTFORD	22750.42	6.241563	16.02152	17496.92	8.115611	12.32193
WINSTON SALEM	64795.13	6.358630	15.72565	45749.53	9.005735	11.10403
ALBUQUERQUE	18388.01	6.444430	15.51727	12173.61	9.739483	10.25745
ANCHORAGE	4039.48	6.780898	14.74730	2992.08	9.131930	10.95057
DES MOINES	20311.22	6.804290	14.69660	13355.32	10.34819	9.853524
BALTIMORE	25307.52	6.864954	14.56673	17859.52	9.727864	10.27974
JACKSON	27981.8	6.929020	14.43413	17474.8	11.09360	9.014204
PORTLAND	28717.92	7.014074	14.25704	19939.92	10.10182	9.899199
ST. PETERSBURG	131958.9	7.044761	14.19194	86339.96	10.76896	9.257567
MONTGOMERY	42022.4	7.093987	14.09344	24200.4	12.31824	8.119041
NEWARK	38754.36	7.624888	13.11492	22071.16	12.69748	7.875574
NASHVILLE	38607.8	8.000035	12.49994	22651.1	13.62969	7.336923
NEW ORLEANS	36100.28	8.018788	12.47071	23119.48	12.52106	7.986542
SALT LAKE CITY	10112.25	8.334296	11.99991	6089.056	13.88659	7.201199
ST. PAUL	24492.43	8.389621	11.91948	14557.53	14.11529	7.084512
DENVER	28152.48	8.539175	11.71072	17445.96	13.77962	7.257089
FARGO	6053.904	8.791101	11.37513	3217.704	16.56721	6.036017
ROANOKE	32992.51	8.923202	11.20673	18522.11	15.89443	6.291502
RENO	6904.38	8.924157	11.20553	3512.88	17.53995	5.701267
LOUISVILLE	29432.34	9.043481	11.09768	16305.24	16.32425	6.125955
CHICAGO	53787.80	9.470906	10.55555	29887.70	17.04444	5.867014
MUSKOGEE	28096.22	9.646332	10.36674	13075.52	19.25202	5.194250
ATLANTA	40046.53	10.36215	9.650501	20416.03	20.32576	4.919353
WICHITA	13852.72	10.55304	9.475936	6138.72	23.81414	4.199184
COLUMBIA	24385.08	10.58187	9.450123	13106.68	19.68765	5.079326
HUNTINGTON	13180.52	11.14463	8.972924	6277.824	23.39858	4.273793
LINCOLN	11258.60	11.31447	8.838232	6111.504	20.84351	4.797554
BOISE	6442.856	11.45879	8.726919	3703.056	19.93687	5.015330
WACO	52853.52	11.90595	8.399156	25535.32	24.64318	4.057916
PHILADELPHIA	34903.58	12.92937	7.734029	12346.88	36.55174	2.735547
ST. LOUIS RPC	605376.1	54.00037	1.551938	0	ERR	0

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APPENDIX D:
SPREADSHEET ON CLAIM FOLDER THICKNESSES

APPENDIX 100

SPREADSHEET ON CLAIM FOLDER THICKNESSES

File No.	Culling No.	Size (in.)			
		Total	Right	Center	Left
349-30-6229	1	0.375	0.031	0.312	0.031
4 422 330	2	0.75	0.031	0.562	0.156
CSS 340-54-4007	3	0.281	0.125	0.093	0.062
XSS 355-30-7900	4	0.062	0	0.031	0.031
XC 26-254-801	5	0.843	0.031	0.656	0.156
23-501-003	6	0.468	0.125	0.218	0.125
23-487-112	7	0.5	0.093	0.312	0.093
XC 4-116-545	8	0.156	0	0.125	0.031
SS 356-48-1645	9	0.625	0.281	0.156	0.187
29-609046	10	0.531	0.062	0.312	0.156
153-747	11	1.75	0.062	1.375	0.312
C 3159148	12	0.562	0.031	0.406	0.125
XC 13-229-149	13	1.5	0.062	1.187	0.25
XC 21878533	14	0.625	0.062	0.343	0.062
23-491-333	15	0.625	0.156	0.281	0.187
XC 1961735	16	0.875	0.062	0.593	0.218
SS 156-44-6535	17	0.406	0.093	0.218	0.156
XC 21600837	18	0.25	0.031	0.156	0.062
C22521339	19	1.187	0.062	1	0.125
CSS 356-44-2318	20	0.406	0.187	0.156	0.062
C 29-571-122	21	1.125	0.218	0.625	0.281
C 28-207-123	22	5	0.218	4.625	0.156
C 5425626	23	0.5	0.031	0.312	0.156
10-903-026	24	0.937	0.062	0.656	0.218
14670731	25	0.343	0.031	0.25	0.062
XC 16-206-932	26	0.125	0	0.093	0.031
10001-193	27	0.781	0.031	0.312	0.437
21 265 483	28	0.531	0.093	0.312	0.125
SS 353-32-8181	29	0.468	0.218	0.093	0.156
XC 28101-959	30	0.937	0.093	0.562	0.281
27 338 375	31	0.718	0.25	0.312	0.156
21170068	32	0.812	0.062	0.687	0.062
XC 6111973	33	0.968	0.031	0.812	0.125
302-46-3666	34	0.312	0.125	0.062	0.125
347-52-6752	35	0.687	0.218	0.406	0.062

File No.	Culling No.	Size (in.)			
		Total	Right	Center	Left
26889788	36	0.218	0.062	0.093	0.062
22345396	37	1.062	0.062	0.718	0.281
XC 7-622-593	38	2.031	0.125	1.562	0.343
SS 337-54-4463	39	0.281	0.125	0.062	0.093
XXS 350 18 7892	40	0.312	0	0.25	0.062
XC 19 866 384	41	1.062	0.125	0.531	0.406
XC 15840788	42	0.5	0.031	0.312	0.156
344-42-3187	43	0.468	0.187	0.156	0.125
27 074 037	44	0.781	0.312	0.187	0.281
13836187	45	0.781	0.031	0.687	0.062
332-38-1192	46	0.187	0.062	0.062	0.062
28830598	47	0.312	0.093	0.125	0.093
354-50-5899	48	0.312	0.156	0.093	0.062
4131787	49	0.375	0.031	0.156	0.187
7538695	50	1.125	0.062	0.593	0.468
337-52-0095	51	0.343	0.187	0.062	0.093
29 519 775	52	1.562	0.062	0.531	0.281
323-46-8551	53	0.187	0.062	0.062	0.062
29090351	54	0.5	0.218	0.093	0.187
XC 1 847 150	55	0.75	0.093	0.531	0.125
XC 28946664	56	0.875	0.062	0.562	0.25
12735864	57	0.468	0.062	0.312	0.093
19 032 461	58	0.25	0.031	0.156	0.062
26524054	59	0.656	0.218	0.187	0.25
22791280	60	0.531	0.062	0.343	0.125
Mean total		0.716	0.096	0.451	0.155
Std. deviation total		0.691	0.076	0.636	0.103

APPENDIX E:
STATISTICS ON CULLING

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APPENDIX E:
STATISTICS ON CULLING

Culler	Document Pulled (% of total)		Time Taken (min)	
	Mean	Limits	Mean	Limits
Edwards	11.00	8.02-13.98	5.95	2.86-9.04
Rutledge	33.06	25.27-40.85	13.65	5.77-21.53
Stigler	7.16	3.12-11.20	11.53	1.48-21.57
Wheatley	27.71	23.55-31.87	6.75	4.61-8.88
Phillips	21.92	18.00-25.84	6.42	4.05-8.79
Wengerski	5.06	1.73-8.39	4.59	2.39-6.79

APPENDIX F:

SPREADSHEET ON CLAIM FOLDER STATISTICS BY CULLER

TABLE F.1 Folder Statistics for Edwards

File No.	Culling No.	Amount Culled (In.)				Amount Culled (%)				Time Taken (min)			
		Right	Center	Left	Total	Right	Center	Left	Total	Right	Center	Left	Total
349-30-6229	1	0	0.031	0	0.031	0	0.1	0	0.08333	0	5	0.033	5.033
4 422 330	2	0	0.031	0.031	0.062	0	0.0555	0.2	0.0833	0.016	3.4166	1.7	5.133
SS 340-54-4007	3	0	0.031	0	0.031	0	0.3333	0	0.1111	0.833	0.8666	0.65	2.35
SS 355-30-7900	4	0	0	0	0	0	0	0	0	0	0.0166	0	0.016
XC 26-254-801	5	0	0.062	0.031	0.093	0	0.0952	0.2	0.1111	0	7.1666	0.75	7.916
23-501-003	6	0	0.031	0	0.031	0	0.1428	0	0.0666	0	1.5166	0.066	1.583
23-487-112	7	0	0.031	0	0.031	0	0.1	0	0.0625	0.016	2.9166	0.116	3.05
XC 4-116-545	8	0	0	0	0	0	0	0	0	0	0.3833	0.15	0.533
SS 356-48-1645	9	0	0.031	0	0.031	0	0.2	0	0.05	1.416	1.7833	1.183	4.383
29-609046	10	0.031	0	0.031	0.062	0.5	0	0.2	0.1176	0	2.2	1.933	4.133
33-747	11	0	0.437	0.031	0.468	0	0.3181	0.1	0.678	0.016	20.8333	3.25	24.1
C 3159148	12	0	0.156	0.031	0.187	0	0.3846	0.25	0.3333	0	4.5	1.5	6
XC 13-229-149	13	0	0.062	0.156	0.218	0	0.0526	0.625	0.1458	0.016	6	2	8.016
XC 21878533	14	0	0.031	0.031	0.062	0	0.0909	0.5	0.1	0.016	2.1666	1.5	3.583
23-491-333	15	0	0.031	0.031	0.062	0	0.1111	0.1666	0.1	0.666	2.5	1.084	4.916
XC 1961735	16	0.031	0.031	0.031	0.093	0.5	0.0526	0.1428	0.1071	0.016	4.25	1.416	5.683
SS 156-44-6535	17	0	0.062	0.031	0.093	0	0.2857	0.2	0.2308	0.15	1.0833	0.75	2.65
XC 21600837	18	0	0.031	0.031	0.062	0	0.2	0.5	0.25	0	1.3	0.416	1.716
C22521339	19	0	0.031	0.031	0.062	0	0.0312	0.25	0.0526	0.133	6.75	0.583	7.466
SS 356-44-2318	20	0.031	0.031	0	0.062	0.1666	0.2	0	0.1538	0.75	1.4166	0.5	2.666
C 29-571-122	21	0	0.031	0.031	0.062	0	0.05	0.1111	0.0555	0.966	5.75	3.333	10.05
C 28-207-123	22	0.031	0.187	0.031	0.25	0.1428	0.0405	0.2	0.05	0.9	41	1.183	43.08
C 5425626	23	0.031	0.031	0.031	0.093	1	0.1	0.2	0.1875	1.3	4.9166	1.133	7.35
10-903-026	24	0	0.031	0.031	0.062	0	0.0476	0.1428	0.0666	0.016	1.8833	0.833	2.733
14670731	25	0	0.062	0	0.062	0	0.25	0	0.1818	0.016	2.8333	0.016	2.866
XC 16-206-932	26	0	0	0	0	0	0	0	0	0	0.4	0.016	0.416
10001-193	27	0.031	0.031	0	0.062	1	0.1	0	0.08	0.016	3.1166	0.5	3.65
21 265 483	28	0	0.031	0.031	0.062	0	0.1	0.25	0.1176	0	1.75	0.616	2.365
SS 353-32-8181	29	0	0.031	0	0.031	0	0.3333	0	0.0666	0.833	0.2166	0.666	1.716
XC 28101-959	30	0.031	0	0.031	0.062	0.3333	0	0.1111	0.0666	0.016	2.65	0.583	3.25
Mean total		0.007	0.053	0.022	0.083	0.1214	0.1258	0.1450	0.1100	0.270	4.6861	0.948	5.950
Std. deviation total		0.013	0.082	0.029	0.092	0.2765	0.1140	0.1651	0.0800	0.422	7.8532	0.861	8.282

TABLE F.2 Folder Statistics for Rutledge

File No.	Culling No.	Amount Culled (in.)				Amount Culled (\$)				Time Taken (min)			
		Right	Center	Left	Total	Right	Center	Left	Total	Right	Center	Left	Total
349-30-6229	1	0	0.125	0	0.0125	0	0.4	0	0.3333	0	3.933	0.033	3.9667
4 422 330	2	0	0.0938	0.031	0.125	0	0.1666	0.2	0.1666	0.016	4.433	1.233	5.6833
CSS 340-54-4007	3	0.062	0.03125	0	0.093	0.5	0.3333	0	0.3333	1.533	0.45	0.166	2.15
XSS 355-30-7900	4	0	0	0	0	0	0	0	0	0	0.016	0	0.0166
XC 26-254-801	5	0	0.125	0.031	0.156	0	0.1905	0.2	0.1852	0	6.85	1.05	7.9
23-501-003	6	0	0.0313	0	0.031	0	0.1428	0	0.0666	0.016	0.716	0.133	1.8666
23-487-112	7	0	0.0312	0.031	0.062	0	0.1	0.3333	0.125	0.016	1.783	0.083	1.8833
XC 4-116-545	8	0	0.0312	0	0.031	0	0.25	0	0.2	0	0.5	0.083	0.5833
SS 356-48-1645	9	0.031	0.0312	0	0.062	0.1111	0.2	0	0.1	4.183	1.366	1.25	6.8
29-609046	10	0.031	0.0625	0.093	0.187	0.5	0.2	0.6	0.3529	0.033	2.5	0.566	3.1
153-747	11	0	1.3125	0.062	1.375	0	0.9545	0.2	0.7857	0	63.16	4.616	67.7833
C 3159148	12	0	0.1562	0.031	0.187	0	0.3846	0.25	0.3333	0.016	11.28	0.45	11.75
XC 13-229-149	13	0	0.0937	0.125	0.218	0	0.0789	0.5	0.1458	0.016	12.61	2.333	20.95
XC 21878533	14	0	0.125	0.093	0.218	0	0.3636	1.5	0.35	0.016	9.25	4.716	13.9833
23-491-333	15	0.031	0.0312	0.031	0.093	0.2	0.1111	0.1666	0.15	4.866	3.956	1	9.8333
XC 1961735	16	0.031	0.1875	0.062	0.281	0.5	0.3158	0.2858	0.3214	0.016	13.55	5.5	19.0666
SS 156-44-6535	17	0.031	0.0937	0.031	0.156	0.0333	0.4286	0.2	0.3846	6.266	6.866	1.25	14.3833
XC 216000837	18	0	0.0625	0	0.062	0	0.4	0	0.25	0	2.65	0.15	2.8
C22521339	19	0.062	0.2812	0.062	0.406	1	0.2812	0.5	0.3421	1.4	14.45	1.5	17.35
CSS 356-44-2318	20	0.062	0.0937	0	0.156	0.3333	0.6	0	0.3846	3.266	2.333	0.333	5.9333
C 29-571-122	21	0.093	0.4375	0.125	0.656	0.4286	0.7	0.4444	0.5833	3.583	8.75	4.416	16.75
C 28-207-123	22	0.093	4.5	0.093	4.687	0.4286	0.9730	0.6	0.9375	4	98.93	0.683	103.616
C 5425626	23	0.125	0.1562	0.062	0.343	4	0.5	0.4	0.6875	0.95	6.666	1	8.6166
10-903-026	24	0	0.3437	0.093	0.437	0	0.5238	0.4286	0.4666	0.016	19.13	3.133	22.2833
14670731	25	0	0.1562	0	0.156	0	0.625	0	0.4545	0.016	6.7	0.016	6.7333
XC 16-206-932	26	0	0.0312	0	0.031	0	0.3333	0	0.25	0	0.5	0	0.5
10001-193	27	0.031	0.25	0.062	0.343	1	0.8	0.1428	0.44	0.016	10	2.333	12.35
21 265 483	28	0	0.125	0.062	0.187	0	0.4	0.5	0.35294	0	3.523	1	4.5833
SS 353-32-8181	29	0.031	0.0312	0.031	0.093	0.1428	0.3333	0.2	0.2	3.816	0.5	2.5	6.8166
XC 28101-959	30	0	0.1562	0.062	0.218	0	0.2777	0.2222	0.2333	0.016	2.416	1.1	9.5333
Mean total		0.023	0.3062	0.042	0.372	0.3159	0.3789	0.2625	0.3305	1.136	11.09	1.421	13.6522
Std. deviation total		0.034	0.8275	0.039	0.855	0.7524	0.2452	0.3078	0.2089	1.866	20.27	1.587	21.0985

TABLE F.3 Folder Statistics for Stigler

File No.	Culling No.	Amount Culled (in.)		Amount Culled (\$)		Time Taken (min)	
		Center	Total	Center	Total	Center	Total
349-30-6229	1	0.031	0.031	0.1	0.0833	4.616	4.6166
4 422 330	2	0.031	0.031	0.0555	0.04166	20.03	20.0333
CSS 340-54-4007	3	0	0	0	0	0.333	0.3333
XSS 355-30-7900	4	0	0	0	0	0.016	0.0166
XC 26-254-801	5	0.062	0.062	0.0952	0.0741	12.31	12.5166
23-501-003	6	0.031	0.031	0.1428	0.0666	2.2	2.2
23-487-112	7	0.031	0.031	0.1	0.0625	3.483	3.4833
XC 4-116-545	8	0	0	0	0	0.316	0.3166
SS 356-48-1645	9	0.031	0.031	0.2	0.05	2.15	2.15
29-609046	10	0.031	0.031	0.1	0.0588	5.4	5.4
153-747	11	1	1	0.7273	0.5714	37.68	37.6833
C 3159148	12	0.031	0.031	0.0769	0.0444	5.416	5.4166
XC 13-229-149	13	0.031	0.031	0.0263	0.0208	17.78	17.7833
XC 21878533	14	0	0	0	0	2.75	2.75
23-491-333	15	0.031	0.31	0.1111	0.05	4.383	4.3833
XC 1961735	16	0.031	0.031	0.0526	0.0357	5.483	5.4833
SS 156-44-6535	17	0	0	0	0	1.966	1.9666
XC 21600837	18	0.31	0.031	0.2	0.125	2.233	2.2333
C22521339	19	0.125	0.125	0.125	0.1053	22.66	22.6666
CSS 356-44-2318	29	0	0	0	0	1.266	1.2666
C 29-571-122	21	0.156	0.156	0.25	0.1388	13.25	13.25
C 28-207-123	22	0.875	0.875	0.1892	0.175	147.1	147.166
C 5425626	23	0.062	0.062	0.2	0.125	4.983	4.9833
10-903-026	24	0.031	0.031	0.0476	0.0333	7.583	7.5833
14670731	25	0.062	0.062	0.25	0.1818	6	6
XC 16-206-932	26	0	0	0	0	0.183	0.1833
10001-193	27	0	0	0	0	7.283	7.2833
21 265 483	28	0.031	0.31	0.1	0.0588	2.833	2.8333
SS 353-32-8181	29	0	0	0	0	0.416	0.4166
XC 28101-959	30	0.031	0.31	0.0555	0.0333	3.716	3.7166
Mean total		0.092	0.092	0.1068	0.0716	11.53	11.5305
Std. deviation total		0.232	0.232	0.1417	0.1082	26.91	26.9164

TABLE F.4 Folder Statistics for Wheatley

File No.	Culling No.	Amount Culled (in.)				Amount Culled (\$)				Time Taken (min)			
		Right	Center	Left	Total	Right	Center	Left	Total	Right	Center	Left	Total
27 338 375	31	0.125	0.062	0.031	0.218	0.5	0.2	0.2	0.3043	6	2.5	0.75	9.25
21170068	32	0	0.156	0.031	0.187	0	0.2273	0.5	0.2308	0.016	10.16	0.5	10.68
XC 6111973	33	0	0.156	0.031	0.187	0	0.1923	0.25	0.1935	0.016	8.585	0.333	8.933
302-46-3666	34	0.062	0.031	0.031	0.125	0.5	0.5	0.25	0.4	2	0.716	0.416	3.133
347-52-6752	35	0.125	0.062	0.031	0.218	0.5714	0.1538	0.5	0.3182	2.633	3.585	0.683	6.9
26889788	36	0.031	0.031	0	0.062	0.5	0.3333	0	0.2857	0.75	0.1	0.316	1.166
22345396	37	0	0.187	0.093	0.281	0	0.2609	0.3333	0.2647	0.183	11.58	2.666	14.43
XC 7-622-593	38	0	0.218	0.093	0.312	0	0.14	0.2727	0.1538	0.35	25.25	2.583	28.18
SS 337-54-4463	39	0.031	0.031	0.031	0.093	0.25	0.5	0.3333	0.3333	1.083	0.75	0.333	2.166
XXS 350 18 7892	40	0	0.062	0	0.062	0	0.25	0	0.2	0	2.55	0.15	2.8
XC 19 866 384	41	0.031	0.093	0.093	0.218	0.25	0.1765	0.2308	0.2059	0.133	6	4	10.13
XC 15840788	42	0	0.093	0.031	0.125	0	0.3	0.2	0.25	0	6.066	1.315	7.383
344-42-3187	43	0.031	0.031	0.062	0.125	0.1666	0.2	0.5	0.2666	2.35	0.9	1.233	4.483
27 074 037	44	0.031	0.031	0.093	0.156	0.1	0.1666	0.3333	0.2	2.366	2.2	2.883	7.45
13836187	45	0.031	0.062	0	0.093	1	0.0909	0	0.12	0.133	7.716	0.033	7.883
332-38-1192	46	0.031	0	0.031	0.062	0.5	0	0.5	0.3333	0.333	0.083	0.083	0.5
28830598	47	0.031	0.031	0	0.062	0.3333	0.25	0	0.2	0.483	0.9	0.616	2
354-50-5899	48	0.031	0.031	0.031	0.093	0.2	0.3333	0.5	0.3	1.25	0.733	0.283	2.266
4131787	49	0	0.125	0.093	0.218	0	0.8	0.5	0.5833	0.016	6.25	0.616	6.883
7538695	50	0.031	0.093	0.093	0.218	0.5	0.1579	0.2	0.1944	0.216	9.783	4.866	14.86
337-52-0095	51	0.031	0.031	0.031	0.093	0.1666	0.5	0.3333	0.2727	1.25	0.316	0.666	2.233
29 519 775	52	0.031	0.156	0.093	0.281	0.5	0.2941	0.3333	0.18	0.583	10.35	2.2	13.13
323-46-8551	53	0.031	0.031	0.031	0.093	0.5	0.5	0.5	0.5	0.533	0.333	0.1	0.966
20090351	54	0.031	0.031	0.031	0.093	0.1428	0.3333	0.1666	0.1875	2.266	0.816	1.333	4.416
XC 1 847 150	55	0.031	0.125	0.062	0.218	0.3333	0.2353	0.5	0.2917	0.5	6	0.5	7
XC 28946664	56	0	0.093	0.062	0.156	0	0.1668	0.25	0.1786	0	5.5	1.5	7
12735864	57	0	0.156	0.031	0.187	0	0.5	0.3333	0.4	0	5	0.5	5.5
19 032 461	58	0	0.125	0	0.125	0	0.8	0	0.5	0	3.5	0.5	4
26524054	59	0.062	0.031	0.031	0.125	0.2857	0.1666	0.125	0.1905	3.833	1.2	2.733	7.766
22791280	60	0.0311	0.031	0.031	0.093	0.5	0.0910	0.25	0.1765	0.416	5	0.5	5.916
Mean total		0.029	0.080	0.042	0.148	0.26	0.2940	0.2798	0.2738	0.99	4.817	1.135	6.755
Std. deviation total		0.031	0.057	0.032	0.075	0.2528	0.1914	0.1720	0.1110	1.376	5.224	1.231	5.623

TABLE F.5 Folder Statistics for Phillips

File No.	Culling No.	Amount Culled (in.)				Amount Culled (%)				Time Taken (min)			
		Right	Center	Left	Total	Right	Center	Left	Total	Right	Center	Left	Total
27 338 375	31	0.031	0.093	0.031	0.156	0.125	0.3	0.2	0.2173	3.5	3.266	0.833	7.6
21170068	32	0	0.156	0.031	0.187	0	0.2273	0.5	0.2307	0.016	5.15	0.466	5.6333
XC 6111973	33	0	0.187	0.031	0.218	0	0.2308	0.25	0.2258	0.016	6.016	0.433	6.4666
302-46-3666	34	0.031	0.062	0.031	0.125	0.25	1	0.25	0.4	1.883	0.316	0.266	2.4666
347-52-6752	35	0.093	0.031	0	0.125	0.4286	0.0770	0	0.1818	2.366	6.16	0.45	8.9666
26889788	36	0.031	0.031	0	0.062	0.5	0.3333	0	0.2857	0.366	0.183	0.166	0.7166
22345396	37	0	0.187	0.031	0.218	0	0.2609	0.1111	0.2058	0.133	10.56	3.289	13.9833
XC 7-622-593	38	0.031	0.312	0.156	0.5	0.25	0.2	0.4545	0.2461	0.05	25.96	3.15	29.1666
SS 337-54-4463	39	0.031	0.031	0	0.062	0.25	0.5	0	0.2222	0.8	0.533	0.35	1.6833
XXS 350 18 7892	40	0	0.125	0	0.125	0	0.5	0	0.4	0	2.95	0.066	3.0166
XC 19 866 384	41	0	0.093	0.125	0.218	0	0.1765	0.3077	0.2058	0.033	6.216	4.066	10.3166
XC 15840788	42	0	0.062	0.031	0.093	0	0.2	0.2	0.1875	0	4.189	1.5	5.6833
344-42-3187	43	0.031	0.031	0	0.062	0.1666	0.2	0	0.1333	1.666	0.8	0.966	3.4333
27 074 037	44	0	0.31	0.062	0.093	0	0.1666	0.2222	0.12	2.716	2.833	2.116	7.6666
13836187	45	0.031	0.062	0	0.093	1	0.0910	0	0.12	0.016	6.6	0.016	6.6333
332-38-1192	46	0.031	0	0	0.031	0.5	0	0	0.1666	0.016	0.016	0.316	0.35
28830598	47	0.031	0.031	0.031	0.093	0.3333	0.25	0.3333	0.3	0.6	0.3	0.5	1.4
354-50-5899	48	0.031	0.031	0	0.062	0.2	0.3333	0	0.2	0.966	1.283	0.2	2.45
4131787	49	0	0.125	0.093	0.218	0	0.8	0.5	0.5833	0.016	5.216	1.083	6.3166
7538695	50	0.031	0.093	0.062	0.187	0.5	0.1579	0.1333	0.166	0.5	9.3	4.966	14.7666
337-52-0095	51	0.031	0.031	0.031	0.062	0.1666	0.5	0.3333	0.1818	1.483	0.383	0.566	2.4333
29 519 775	52	9	0.125	0.031	0.156	0	0.2353	0.1111	0.1	0.35	10.91	2.016	14.95
323-46-8551	53	0.031	0.031	0	0.062	0.5	0.5	0	0.3333	0.366	0.4	0.1	0.8666
20090351	54	0.031	0.031	0.031	0.093	0.1428	0.3333	0.1666	0.1875	2.216	1.233	1.083	4.5333
XC 1 847 150	55	0.031	0.062	0.031	0.125	0.3333	0.1176	0.25	0.166	0.083	16.4	0.75	17.2333
XC 28946564	56	0	0.093	0.031	0.125	0	0.1668	0.125	0.1428	0.016	7.4	2.283	9.7
12735864	57	0	0.062	0	0.062	0	0.2	0	0.133	0	5.016	0.183	5.2
19 032 461	58	0	0.031	0	0.031	0	0.2	0	0.125	0	1.45	0.016	1.4666
26524054	59	0.031	0	0.031	0.062	0.1428	0	0.125	0.0952	2.633	0.8	1.766	5.0333
22791280	60	0.031	0.062	0.031	0.125	0.5	0.1818	0.25	0.2352	0.383	1.483	0.233	2.1
Mean total		0.020	0.074	0.031	0.123	0.2096	0.2813	0.1608	0.2166	0.773	4.623	1.14	6.5236
Std. deviation total		0.20	0.67	0.037	0.092	0.2405	0.2160	0.1583	0.1042	1.024	5.604	1.289	6.2643

TABLE F.6 Folder Statistics for Wengerski

File No.	Culling No.	Amount Culled (in.)		Amount Culled (%)		Time Taken (min)	
		Center	Total	Center	Total	Center	Total
27 338 375	31	0	0	0	0	1.5	1.5
21170068	32	0.125	0.125	0.1818	0.1538	21.21	21.21
XC 6111973	33	0.093	0.093	0.1154	0.0968	15.25	15.25
302-46-3666	34	0	0	0	0	0.383	0.383
347-52-6752	35	0.031	0.031	0.0769	0.0454	5.583	5.583
26889788	36	0	0	0	0	0.166	0.166
22345396	37	0	0	0	0	5.916	5.916
XC 7-622-593	38	0.062	0.062	0.04	0.0308	21	21
SS 337-54-4463	39	0	0	0	0	0.333	0.333
XXS 350 18 7892	40	0.031	0.031	0.125	0.1	1.5	1.5
XC 19 866 384	41	0.031	0.031	0.0588	0.0294	2.75	2.75
XC 15840788	42	0.031	0.031	0.1	0.0625	2.416	2.416
344-42-3187	43	0	0	0	0	0.583	0.583
27 074 037	44	0.031	0.031	0.1666	0.04	1.166	1.166
13836187	45	0.062	0.062	0.0910	0.08	6.683	6.683
332-38-1192	46	0	0	0	0	0.016	0.016
28830598	47	0	0	0	0	0.166	0.166
354-50-5899	48	0	0	0	0	0.333	0.333
4131787	49	0.156	0.156	1	0.4166	7.583	7.583
7536695	50	0.31	0.031	0.0526	0.0278	8	8
337-52-0095	51	0	0	0	0	0.166	0.166
29 519 775	52	0.062	0.062	0.1177	0.04	9.416	9.416
323-46-8551	53	0	0	0	0	0.166	0.166
20090351	54	0	0	0	0	0.35	0.35
XC 1 847 150	55	0.031	0.31	0.0588	0.0417	6.5	6.5
XC 28946664	56	0.031	0.031	0.0556	0.03571	4.083	4.083
12735864	57	0.031	0.031	0.1	0.0666	4.483	4.483
19 032 461	58	0	0	0	0	1.9	1.9
26524054	59	0	0	0	0	0.383	0.383
22791280	60	0.125	0.125	0.3636	0.2353	7.283	7.283
Mean total		0.032	0.032	0.0901	0.0501	4.576	4.576
Std. deviation total		0.043	0.043	0.1894	0.0876	5.791	5.791

APPENDIX G:

LIST OF DOCUMENTS REMOVED DURING CULLING

APPENDIX G:

LIST OF DOCUMENTS REMOVED DURING CULLING

G.1 Documents removed by Simmons but not by other cullers

DD 214	
VA 07-3101	Request for information
VA 3-3177	Request for information on previous claim
VA 4-1833	Document on veteran's indebtedness
VA 4-5280	Request for documentation for over payment
VA 4-8268	Fiscal code sheet
VA 8-93	Award for burial/transportation of veteran's body
VA 8-2507	Request for physical exam
VA 8-4600	Disability/compensation/pension code sheet
VA 8-564C	Deferred rating sheet
VA 8-576A	Request for medical information
VA 8-638A	Submission - rating decision
VA 9-40-B	Transmittal of VA form
VA 9-887A	Notice of action taken on deductions from VA benefit payments
VA 9-8888	Authorization for deduction
VA 10-1349	Social service report and summary
VA 10-2381	Power of attorney agreement
VA 10-2593	Record of hospitalization
VA 10-2652	Receipt for remains and personal effects
VA 10-2731	Request for administrative/adjudicative action
VA 10-2743	Report - serious illness
VA 10-2827	Application for outpatient treatment
VA 10-2829	Telephone authorization
VA 10-7131	Exchange/beneficiary information request for administrative/adjudicative action
VA 20-6560	Notice of benefit payment
VA 20-6760	Notice of benefit payment transaction
VA 20-6889	Correction code sheet
VA 20-8270	C&P master record audit write out
VA 20-8271	Notice of acceptance - C&P input transaction
VA 20-8332-2	Award letter notification
VA 20-8992	Letter to veteran requesting information
VA 20-8993	Letter stating claim cannot be granted
VA 21E-1994	Determination of basic eligibility/entitlement
VA 21E-1997	Education award
VA 21E-8349	Deposition of Chapter 34
VA 21-0515	Improve pension eligibility report
VA 21-2507	Request for physical exam
VA 21-4100	Statement of income/net worth
VA 21-4138	Statement in support of claim
VA 21-4142	Authority/release of information

VA 21-4180	Copy of request for certification by Social Security and Railroad Retirement
VA 21-4182	Application for dependency/indemnity compensation
VA 21-4185	Report on income/property/business
VA 21-5164E	Deferred claim rating sheet
VA 21-526E	Veteran's application for compensation
VA 21-564D	Dental rating sheet
VA 21-6745	Control notice
VA 21-6789	Rating decision - failed to report for exam
VA 21-6796-1	Rating decision - continuation
VA 21-6798	Ability/disability claim
VA 21-6798D	Death award
VA 21-6886	Stop order/suspend payment notice
VA 21-686C	Declaration of dependent status
VA 21-8332A-2	Copy of an award letter
VA 21-8947	C&P award sheet
VA 22-192K	VA counselling record
VA 22-1991	Re-enrollment certification
VA 22-1994A	Determination of basic eligibility/entitlement
VA 22-1995	Request for change of program/training place
VA 22-1997	Education award
VA 22-19975-1	Education award code sheet
VA 22-1998B	Approval information of credit/NON NCD Program
VA 22-1999b	Notice - change in student status
VA 22-1999	Enrollment certificate
VA 22-1999-1	Reenrollment certificate
VA 22-8945	Education award
VA 24-6694	Receivable/deduction transaction code sheet
VA 24-706	Refund worksheet
VA 26-1817	Request for determination of loan guarantee
VA 28-1923	Declaration of marital/dependent status
VA 28-8861	Request for medical service
VA 45-851	Insurance statement
VA 119	Report of contact
VA 2322	Appointment/service organization claimant representative
VA 3102	Request for information form
VA 3230	Reference slip
VA 3232	General information request
VA 33542	Authorization report
VA 3664	Notice - death of veteran
VA 48268	Physical payment and adjustment code sheet
VA 686C	Decoration of merit status
VA 8521	Stop/suspend payment notice
VA 8564	Rating sheet
IBM card	
Admission record	
Hospital record	
Application for out-patient treatment	

Service medical records
Medical record
Clinical record
Supplemental report
Dental charts
Dental rating sheet
Drop file letter to veteran - need records
Power of attorney
Physicians affidavit
Letter from veteran
Letter to doctor
Letter from VA to veteran
Letter from National Service officer from DAV
Letter to veteran's wife authorizing payment
Letter to claims appeal board
Letter to adjustment officer
Letter to attorney
Letter to senator
Letter to representative of state
Letter from senator
Letter from Disabled American Veterans
Letter from Department of Personnel in Springfield, Illinois
Letter to VFW
Letter to American Legion
Letter from National Service
Letter to Marine Corps
Letter to VA from Marine Corps
Letter from Accounts Receivable
Letter from insurance company
Letter from college attended/ing
Letter from dean of students
Report of location
Notice of change/student status
Education institution award - computer printout
Copy of cashiers check
Application for burial flag
Medical certificate of death
Copy of certificate of death
Funeral home bill
Record of funeral
Baptismal certificate
Certificate of life/birth
Declaration of marital status
Marriage certificate
Marriage license
Marriage certificate certification
Divorce paper
Divorce certificate

Divorce decree
Army Reserve status verification
Certificate of military service
Service information
Record of military service
Copy of honorable discharge papers
Target folder request
CARS master record printout
Computer printout sheet
Request for administrative/adjudicative action
Piece of paper with attachments (medical records)
Envelope with dental x-rays
Memorandum from financial officer
Memorandum on payment suspended
Note of income
Request for address information
Change of address
Certificate of pension
Notice of pension
Continuation of pension
Stop payment notice
Memo of payment
Receipts (computer printouts, slips, and register receipts)
Eligibility/verification receipt computer printout
Copy of authorization for direct deposit
Direct deposit form
Request for application to claim
Folder holder
Insurance from VA in Philadelphia
Insurance award sheet
Data entry sheet
Release of information from VA
Consent to release information of records
Notice of assignment of claim number
Wisconsin Veteran Medical Service Agency - medical information
Department of Wisconsin - checklist letter
Illinois disability release form
Application for voucher
Application for vocational rehabilitation
Vocational rehabilitation revolving fund
Fiscal code sheet
Adjustment code sheet
Input transaction data sheet - notice of acceptance
Report denoting Hotchkiss disease
Questionnaire

G.2 Documents not removed by Simmons but removed by other cullers

VA 4-5234 Overpayment flash
 VA 10-7131 Exchange of beneficiary information
 VA 20-8332A-2 Letter to veteran
 VA 20-8955 Letter to veteran
 VA 20-8956 Letter to veteran
 VA 20-8900 Letter to veteran on notice of overpayment or withheld benefits
 VA 20-8993 Letter to veteran
 VA 21E-1993 Enrollment certificate
 VA 21E-1997 Education award
 VA 21-074 Request for approval - school attendance
 VA 21-4138 Statement in support of claim
 VA 21-4189 Award/disallow of burial allow
 VA 21-6789 Deferred/ confirmed rating decision
 VA 21-6798 Award/disallowance disability claim
 VA 21-8046 Payment notice
 VA 21-8332A-2 Letter to veteran
 VA 22-1997S Educational code sheet
 VA 22-1998B Notice of change in student status or institutional course
 VA 22-1999-1 Reenrollment certificate
 VA 23-6538 Number and control record - name of current orphan
 VA 28-8993 Letter to veteran
 VA 2322 Appointment of Veteran Service Organization
 VA 2322 Power of attorney
 VA 3229 Routing slip between C21 (VA 21-4185 report/income/property/
 business) and C22 (VA 8-4182 dependency/indemnity death)
 VA 686C Decoration of merit status
 Letter from veteran to VA
 Letter to veteran
 Letter from Social Security
 Letter to veteran from Treasury Department
 Letter from veteran's wife
 Letter from doctor
 Letter to doctor
 Confidential Social Security benefit information
 Award letter control document
 C&P award computer printout
 Education institution award computer printout
 Eligibility verification computer printout
 Stop, suspend, or resume computer printout
 Telex computer printout
 C&P master record status master record sheet
 Supplemental C&P code sheet
 Election of improved pension award
 C&P disallowance code sheet
 Certificate of eligibility
 Certificate of death

Coroner's certificate of death
Marriage certificate
Birth certificate
Medical information
Medical notes
Medical records
Clinical record
Service medical records
Medical report history
Envelope containing medical records
Physical exam report
Report of physical exam
Physician statement
Affidavit from attending physician
Memorandum of a phone call
Honorable discharge
Request for army information
Request for information
Notice of claim folder removed
Target C&P award
Target sheet
Target query
Scrap piece of paper
Reference note
Receipt
Rating decision
Rating sheet
Photostat of income records
War risk insurance photostat
World risk insurance
Order of transportation
Employment statement
Computer punch card
Piece of paper with Railroad Retirement Board on it
Folder paper

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APPENDIX H:
CALCULATION TABLES

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CALCULATION TABLES

H.1 Calculations for Edwards

Simmons's Decision	Edwards's Decision	
	No	Yes
Yes	794 (888.2)	172 (77.8)
No	1296 (1201.8)	11 (105.2)

Cell	fo	fe	fo - fe	(fo - fe) ²	(fo - fe) ² /fe
A	794	888.2	-94.2	8873.64	9.991
B	172	77.8	94.2	8873.64	114.057
C	1296	1201.8	94.2	8873.64	7.384
D	11	105.2	-94.2	8873.64	84.350
Total	2273	2273.0			215.782

Cell	fo ²	fo ² /fe
A	630436	709.791
B	29584	380.257
C	1,679,616	1397.584
D	121	1.150
Total		2488.782

H.2 Calculations for Rutledge

Simmons's Decision	Rutledge's Decision	
	No	Yes
Yes	305 (633)	661 (303)
No	1253 (895)	51 (409)

Cell	f_o	f_e	$f_o - f_e$	$(f_o - f_e)^2$	$(f_o - f_e)^2 / f_e$
A	305	663.0	-358	128164.00	193.309
B	661	303.0	358	128164.00	422.984
C	1253	895.0	358	128164.00	143.200
D	51	409.0	-358	128164.00	313.359
Total	2270	2270.0			1072.852

Cell	f_o^2	f_o^2 / f_e
A	93025	140.309
B	436921	1441.984
C	1,570,009	1754.20
D	2601	6.359
Total		3342.852

H.3 Calculations for Stigler

Simmons's Decision	Stigler's Decision	
	No	Yes
Yes	707 (734.9)	62 (34.1)
No	1041 (1013.1)	19 (46.9)

Cell	fo	fe	fo - fe	(fo - fe) ²	(fo - fe) ² /fe
A	707	734.9	-27.9	778.41	1.059
B	62	34.1	27.9	778.41	22.827
C	1041	1013.1	27.9	778.41	0.768
D	19	46.9	-27.9	778.41	16.597
Total	1829	1829			41.251

Cell	fo ²	fo ² /fe
A	499,849	680.159
B	3844	112.727
C	1,083,681	1069.668
D	361	7.697
Total		1870.251

H.4 Calculations for Wheatley

Simmons's Decision	Wheatley's Decision	
	No	Yes
Yes	529 (714.4)	414 (231.6)
No	1031 (848.6)	94 (276.4)

Cell	fo	fe	fo - fe	(fo - fe) ²	(fo - fe) ² /fe
A	529	711.4	-182.4	33269.76	46.767
B	414	231.6	182.4	33269.76	143.652
C	1031	848.6	182.4	33269.76	39.206
D	94	276.4	-182.4	33269.76	120.368
Total	2067	2067.0			349.993

Cell	fo ²	fo ² /fe
A	279,841	393.367
B	171,396	740.052
C	1,062,961	1252.606
D	8,836	31.968
Total		2417.993

H.5 Calculations for Phillips

Simmons's Decision	Phillips' Decision	
	No	Yes
Yes	668 (808.5)	274 (133.5)
No	1106 (965.5)	19 (159.5)

Cell	fo	fe	fo - fe	(fo - fe) ²	(fo - fe) ² /fe
A	668	808.5	-140.5	19740.25	24.415
B	274	133.5	140.5	19740.25	147.867
C	1106	965.5	140.5	19740.25	20.446
D	19	159.5	-140.5	19740.25	123.763
Total	2067	2067.0			316.491

Cell	fo ²	fo ² /fe
A	446,224	551.916
B	75,076	562.367
C	1,223,236	1266.945
D	361	2.263
Total		2383.491

H.6 Calculations for Wengerski

Simmons's Decision	Wengerski's Decision	
	No	Yes
Yes	555 (563.7)	25 (16.3)
No	759 (750.3)	13 (21.7)

Cell	fo	fe	fo - fe	(fo - fe) ²	(fo - fe) ² /fe
A	555	563.7	-8.70	75.69	0.134
B	25	16.3	8.70	75.69	4.644
C	759	750.3	8.70	75.69	0.101
D	13	21.7	-8.70	75.69	3.488
Total	1352	1352.0			8.367

Cell	fo ²	fo ² /fe
A	308,025	564.434
B	625	38.344
C	576,081	767.801
D	169	7.788
Total		1360.367

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APPENDIX I:
REGRESSION ANALYSIS

APPENDIX I:
REGRESSION ANALYSIS

TABLE I.1 R Squared Table^a

Culler	Dependent Variable 1: Culling Time	Dependent Variable 2: Percentage Removed
Edwards	0.900	0.001
Rutledge	0.873	0.404
Stigler	0.970	0.090
Wheatley	0.887	0.286
Phillips	0.831	0.082
Wengerski	0.714	0.000

^aIndependent variable = file thickness.

TABLE I.2 Regressions for Total File Thickness Versus Total Culling Time^a

Variable	Edwards	Rutledge	Stigler	Wheatley	Phillips	Wengerski
Constant	-1.01	-3.83	-5.75	-1.06	-1.98	-0.77
Std. error of Y est.	2.659	7.629	4.717	1.902	2.609	3.150
R squared	0.090	0.873	0.970	0.887	0.831	0.714
X coefficient	8.882	22.28	31.73	12.41	13.46	14.98
Std. error of coefficient	0.558	1.601	1.048	0.834	1.1444	1.791

^aFor each culler, number of observations = 30 and degree of freedom = 28.

TABLE I.3 Regressions for Total File Thickness Versus Total Percent Removed^a

Variable	Edwards	Rutledge	Stigler	Wheatley	Phillips	Wengerski
Constant	0.113	0.212	0.078	0.364	0.262	0.089
Std. error of Y est.	0.081	0.164	0.137	0.095	0.101	0.192
R squared	0.001	0.404	0.090	0.286	0.082	0
X coefficient	0	0.150	0.051	-0.14	-0.07	0
Std. error of coefficient	0.017	0.034	0.030	0.041	0.044	0.109

^aFor each culler, number of observations = 30 and degree of freedom = 28.

END

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