

Adjudication Research Process One-Month Update

The Adjudication staff began using the new research process in late June. Now that there is a full month of data available I have calculated the cost savings as a result of using the new process for a full month.

Labor

The following table shows the breakdown of time spent preparing evidence packages in July 2013.

Time Analysis of Evidence Package Preparation			
	Research Items	Time Spent Printing/Organizing(Min)	Average Time(Min)
July	1876	29494.0	15.72

As you can see from the information above, in July Adjudication processed 1876 evidence packages at an average time of 15.72 minutes. In contrast, the average time per item from July 2012 through May 16th, 2013 was 29 minutes. I used this as the basis for computing the labor cost savings of the new process. The table below shows this analysis.

Cost Savings Analysis of Evidence Package Preparation				
Research Items	Total Minutes Saved	Total Hours Saved	Cost of CSR per Hour (\$)	Cost Savings (\$)
1876	24913.3	415.2	\$16.5	\$6,851

As you can see from the calculations above, the new process saved ETCC \$6,851 in July.

Resources

In addition to the labor costs the new process would save, I also analyzed the resource costs that have been saved. Using the numbers for April 2013 through the first half of May as a basis for the cost, I adjusted those figures for the number of items processed in July.

Resource Analysis of Evidence Package Preparation					
	Research Items	Reams of Paper	Boxes	Cost per box	Total Cost
April/May(thru 16th)	1072	114	14.25	\$29.59	\$421.66
July(Estimated)	1876	200	25	\$29.59	\$739.80

As you can see, in July we saved \$739.80 by not printing any of the items.

Total Cost Savings

I determined that the new process saved ETCC approximately \$7,591 in July alone.

Conclusion

The number of items processed in July is quite a bit higher than in the past, but the August numbers are trending to be comparable. Extrapolating the July numbers out over a 12-month period, we will save approximately \$91,092 over the next year.