

LR-KE-J-4

Comparison of reconciled HAND and QBRM workshare-related unit costs to other rate categories to check for reasonableness of the CRA Proportional Adjustment Factors

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POSTAL SERVICE  
CENTRAL MAIL DISTRIBUTION CENTER  
WASHINGTON, DC 20504

**FIRST-CLASS MAIL LETTERS SUMMARY**  
(Cents)

	(1)	(2)	(3)
First-Class Rate Category	Entry Point within USPS Model	Reconciled Mail Processing Worksharing-Related Unit Cost (USPS Method)	Reconciled Mail Processing Worksharing-Related Unit Cost (KE Method)
[1] Hand Letters (Using BMM Adj Factor)	Outgoing RBCS	8.333	8.333
[1] <b>QBRM Letters (Using BMM Adj Factor)</b>	Outgoing BCS Primary	<b>7.491</b>	
[2] Machinable Single Piece Letters	Outgoing RBCS	6.453	6.453
[3] Bulk Metered Mail (BMM) Letters	Outgoing RBCS	6.447	6.447
[1] <b>QBRM Letters (Using Auto Adj Factor)</b>	Outgoing BCS Primary		<b>3.960</b>
[4] Automation Mixed AADC Letters	Outgoing BCS Secondary	3.411	3.411
[4] Automation AADC Letters	Incoming MMP Auto	2.685	2.685
[4] Automation 3-Digit Presort Letters	Incoming SCF/Prim Auto	2.404	2.404

Conclusions:

QBRM letters enter the mailstream slightly ahead of automation mixed AADC letters. Therefore, the QBRM unit cost should be slight higher than the automation mixed AADC unit cost.

HAND letters enter the mailstream at the same point as BMM, but are not as readable. Therefore, the HAND unit cost should be higher than the BMM unit cost.

Consequently, it is reasonable to apply the BMM adjustment factor for HAND letters and the Auto adjustment factor for QBRM letters.

It is unreasonable to apply the BMM adjustment factor to QBRM letters.

- [1] From Worksheet "HAND & QBRM RECONCILIATION"
- [2] From Worksheet "MACH SP COST"
- [3] From Worksheet "QBRM SUMMARY"
- [4] From Worksheet "AUTO LTR DEAVG"

Application of CRA Adjustment Factors to HAND and QBRM Letters  
(Cents)

	(1)	(2)	(3)	(4)	(5)
Category	Model-Derived Unit Cost	BMM CRA Adj Factor	Unit Cost Based On BMM Adj Factor	AUTO CRA Adj Factor	Unit Cost Based on Auto Adj Factor
Hand	5.526	1.508	8.333	0.797	4.405
QBRM	4.968	1.508	7.491	0.797	3.960

- (1) From respective worksheets
- (2) From Worksheet "QBRM SUMMARY"
- (3) (1) x (2)
- (4) From Worksheet "AUTO LTR DEAVG"
- (5) (1) x (4)

**FIRST-CLASS MAIL LETTERS MAIL PROCESSING UNIT COST SUMMARY  
AUTOMATION PRESORT**

**CRA LETTER MAIL PROCESSING UNIT COSTS**

Modeled Worksharing Related (Proportional) Cost Pools	2.138	(1)
Other Worksharing Related (Fixed) Cost Pools	1.180	(2)
Non-Worksharing Related (Fixed) Cost Pools	0.313	(3)
<b>Total</b>	<b>3.631</b>	<b>(4)</b>

**CRA PROPORTIONAL ADJUSTMENT FACTOR**

	(5)	(6)	(7)
<b>Base Model Costs</b>	<b>Model Cost</b>	<b>Base Year Volume (000)</b>	<b>Base Year Volume %</b>
Automation Mixed AADC	4.280	2,504,847	6.14%
Automation AADC	3.368	2,680,656	6.57%
Automation 3-Digit	3.017	21,832,339	53.49%
Automation 5-Digit Other	1.540	9,212,148	22.57%
Automation 5-Digit CSBCS/Manual	2.566	3,508,299	8.60%
Automation Carrier Route	0.640	1,075,333	2.63%
<b>(8) Total Weighted Model Cost</b>	<b>2.683</b>	<b>40,813,622</b>	<b>100.00%</b>
<b>CRA Proportional Adjustment</b>		<b>0.797</b>	<b>(9)</b>

**ADJUSTED LETTER MAIL PROCESSING UNIT COSTS**

<u>Rate Category</u>	(10) <u>Model Unit Cost</u>	(11) <u>Worksharing Related Unit Cost</u>	(12) <u>Non Worksharing Unit Cost</u>	(13) <u>Total Mail Proc Unit Cost</u>
Automation Mixed AADC	4.280	4.591	0.313	4.904
Automation AADC	3.368	3.865	0.313	4.177
Automation 3-Digit	3.017	3.585	0.313	3.897
Automation 5-Digit Other	1.540	2.408	0.313	2.720
Automation 5-Digit CSBCS/Manual	2.566	3.226	0.313	3.538
Automation Carrier Route	0.640	1.690	0.313	2.003

(1) Sum of modeled worksharing related cost pools in "CRA LETTERS" spreadsheet

(2) Sum of other worksharing related cost pools in "CRA LETTERS" spreadsheet

(3) Sum of non-worksharing related cost pools in "CRA LETTERS" spreadsheet

(4) (1) + (2) + (3)

(5) Model costs from respective rate category "COSTS" spreadsheets

(6) USPS LR-J-98

(7) Rate Category (6) / Total (6)

(8) Sum [ (5) \* (7) ]

(9) (1) / (8)

(10) Model costs from respective rate category "COSTS" spreadsheets

(11) (9) \* (10) + (2)

(12) (3)

(13) (11) + (12)

**CRA FIRST-CLASS MAIL LETTERS MAIL PROCESSING UNIT COSTS**

Source: USPS LR-J-53

Cost Pool No.	Source	Cost Pool Abbreviation	BULK METERED				AUTO						
			WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs	CRA MP Unit Costs	WRP MP Unit Costs	WRF MP Unit Costs	NWRF MP Unit Costs	CRA MP Unit Costs			
1	BMCS	NMO			X	0.000			0.000	0.000			0.000
2	BMCS	OTHR			X	0.002			0.002	0.000			0.000
3	BMCS	PLA			X	0.001			0.001	0.000			0.000
4	BMCS	PSM			X	0.000			0.000	0.000			0.000
5	BMCS	SPB			X	0.000			0.000	0.000			0.000
6	BMCS	SSM			X	0.000			0.000	0.000			0.000
7	MODS 11	BCS/	X			0.512	0.512			0.211			
8	MODS 11	BCS/DBCS	X			1.634	1.634			0.885	0.885		
9	MODS 11	OCR/	X			0.720	0.720			0.097	0.097		
10	MODS 12	FSM/			X	0.027			0.027	0.006			0.006
11	MODS 12	FSM/1000			X	0.012			0.012	0.002			0.002
12	MODS 12	LSM/	X			0.002	0.002			0.000	0.000		
13	MODS 13	MECPARC			X	0.001			0.001	0.001			0.001
14	MODS 13	SPBS OTH			X	0.016			0.016	0.005			0.005
15	MODS 13	SPBSPRIO			X	0.006			0.006	0.002			0.002
16	MODS 13	1SACKS_M			X	0.038			0.038	0.015			0.015
17	MODS 14	MANF			X	0.022			0.022	0.003			0.003
18	MODS 14	MANL	X			1.192	1.192			0.190	0.190		
19	MODS 14	MANP			X	0.005			0.005	0.001			0.001
20	MODS 14	PRIORITY			X	0.006			0.006	0.002			0.002
21	MODS 15	LD15	X			0.338	0.338			0.051	0.051		
22	MODS 17	1BULK_PR	X(NA)	X(A)		0.004		0.004		0.006		0.006	
23	MODS 17	1CANCMPP		X		0.668		0.668		0.050		0.050	
24	MODS 17	1OPBULK	X(NA)	X(A)		0.154		0.154		0.057		0.057	
25	MODS 17	1OPPREF	X(NA)	X(A)		0.525		0.525		0.225		0.225	
26	MODS 17	1PLATFRM		X		0.812		0.812		0.290		0.290	
27	MODS 17	1POUCHNG	X(NA)	X(A)		0.368		0.368		0.131		0.131	
28	MODS 17	1SACKS_H			X	0.103			0.103	0.043			0.043
29	MODS 17	1SCAN			X	0.040			0.040	0.018			0.018
30	MODS 18	BUSREPLY			X	0.012			0.012	0.001			0.001
31	MODS 18	EXPRESS			X	0.007			0.007	0.001			0.001
32	MODS 18	MAILGRAM			X	0.000			0.000	0.000			0.000
33	MODS 18	REGISTRY			X	0.013			0.013	0.001			0.001
34	MODS 18	REWRAP			X	0.015			0.015	0.002			0.002
35	MODS 18	1EEQMT			X	0.026			0.026	0.005			0.005
36	MODS 19	INTL			X	0.017			0.017	0.004			0.004
37	MODS 41	LD41	X			0.071	0.071			0.035	0.035		
38	MODS 42	LD42	X			0.001	0.001			0.000	0.000		
39	MODS 43	LD43	X			0.367	0.367			0.109	0.109		
40	MODS 44	LD44	X			0.214	0.214			0.064	0.064		
41	MODS 48	LD48 EXP			X	0.000			0.000	0.000			0.000
42	MODS 48	LD48_SSV			X	0.020			0.020	0.010			0.010
43	MODS 49	LD49		X		0.286		0.286		0.190		0.190	
44	MODS 79	LD79		X		0.007		0.007		0.023		0.023	
45	MODS 99	1SUPP_F1			X	0.131			0.131	0.040			0.040
46	MODS 99	1SUPP_F4			X	0.311			0.311	0.062			0.062
47	NON MODS	ALLIED		X		0.492		0.492		0.208		0.208	
48	NON MODS	AUTO/MEC	X			0.318	0.318			0.200	0.200		
49	NON MODS	EXPRESS			X	0.000			0.000	0.000			0.000
50	NON MODS	MANF			X	0.008			0.008	0.002			0.002
51	NON MODS	MANL	X			1.078	1.078			0.294	0.294		
52	NON MODS	MANP			X	0.003			0.003	0.001			0.001
53	NON MODS	MISC			X	0.197			0.197	0.080			0.080
54	NON MODS	REGISTRY			X	0.023			0.023	0.006			0.006
						<b>10.826</b>	<b>6.447</b>	<b>3.316</b>	<b>1.063</b>	<b>3.631</b>	<b>2.138</b>	<b>1.180</b>	<b>0.313</b>
							<b>59.55%</b>	<b>30.63%</b>	<b>9.82%</b>		<b>58.89%</b>	<b>32.50%</b>	<b>8.61%</b>

**QBRM WORKSHARING RELATED SAVINGS SUMMARY**

	(1)	(2)	(3)	(4)
<b>BENCHMARK RATE CATEGORY</b>	<b>MAIL PROC MODEL UNIT COST</b>	<b>CRA PROPORTIONAL ADJUSTMENT FACTOR</b>	<b>MAIL PROC ADJUSTED UNIT COST</b>	<b>MAIL PROC WORKSHARING RELATED SAVINGS</b>
Handwritten Letters	5.526	1.508	8.333	---
QBRM Letters	4.968	1.508	7.491	<b>0.842</b>

(1) Model Costs from "HAND COSTS" and "QBRM COSTS" worksheets

(2) Metered Letters CRA Worksharing Related Proportional Mail Processing Unit Cost / Metered Model Cost

(3) (1) \* (2)

(4) Benchmark (3) - Rate Category (3)

# FIRST-CLASS MAIL SINGLE-PIECE HANDWRITTEN REPLY MAIL LETTERS

## COST SHEET - If letters processed through the incoming secondary

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b>Outgoing RBCS</b>									
RCR	10,392	---	---	---	---	---	---	0.541	0.562
REC	1,790	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.770
OSS	10,397	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.594
LMLM	392	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.083
<b>Outgoing Primary</b>									
Automation	193	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.018
Manual	221	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.117
<b>Outgoing Secondary</b>									
Automation	1,539	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.099
Manual	102	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.053
<b>Incoming RBCS</b>									
ISS/RCR	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Incoming MMP</b>									
Automation AADC	1,732	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.167
Manual ADC	193	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.094
<b>Incoming SCF/Primary</b>									
Automation	5,787	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.509
Manual	350	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.159
<b>5-Digit Barcode Sort</b>									
	686	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.060
<b>Incoming Secondaries</b>									
Auto Carrier Route	1,943	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.204
Auto 3-Pass DPS	2,964	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.056
Auto 2-Pass DPS	12,515	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.744
Man Inc Sec Final At Plant	1,587	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.836
Man Inc Sec Final At DU	563	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.197
Box Section Sort, DPS	623	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.111
Box Section Sort, Other	267	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.095

(10)  
MODEL COST = **5.526**

(11)  
DPS % = **70.02%**

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4)  $[(3) * (100 \text{ cents/dollar})] / (2)$
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

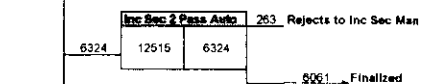
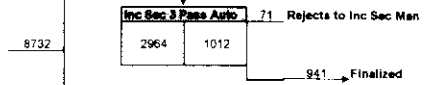
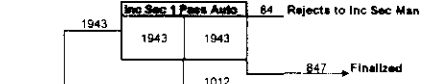
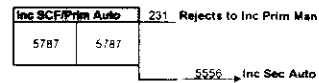
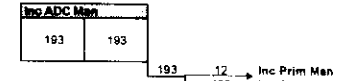
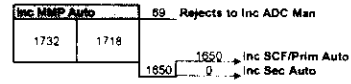
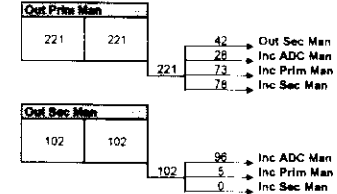
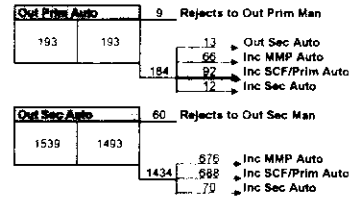
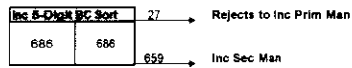
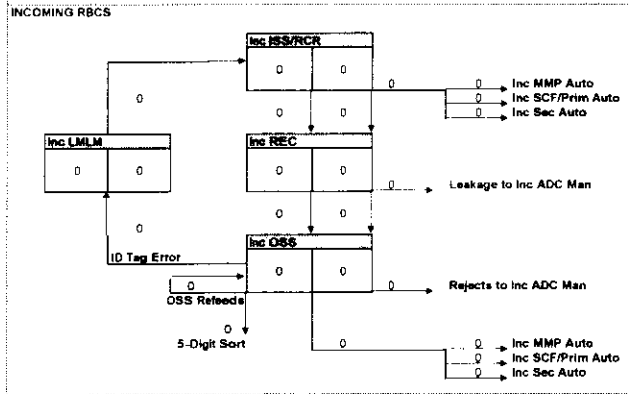
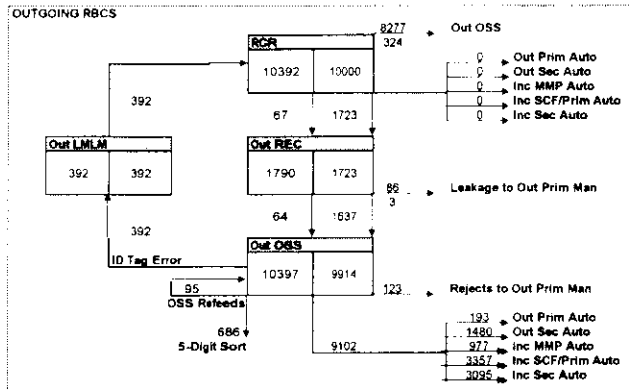
- (7)  $[(6) - 1] * (4)$
- (8)  $(4) * (5) + (7)$
- (9)  $(1) * (8) / 10,000 \text{ Pieces}$
- (10) Sum (9)
- (11)  $(\text{Pieces Finalized in DPS Operations}) / (10,000 \text{ Pieces})$

**FIRST-CLASS MAIL SINGLE-PIECE HANDWRITTEN REPLY MAIL LETTERS**  
**MAIL FLOW MODEL - If letters processed through the incoming secondary**

PCS IN = 10000    PCS OUT = 10000

**ENTRY POINTS:**

Out RCR	10000	Inc ISS/RCR	0
Out Prim Auto	0	Inc MMP Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	0
Out Prim Man	0	Inc Sec Auto	0
Out Sec Man	0	Inc ADC Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0



465 Inc Sec Man



**FIRST-CLASS MAIL SINGLE-PIECE QBRM LETTERS  
COST SHEET - If letters processed through the incoming secondary**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b><u>Outgoing RBCS</u></b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Outgoing Primary</u></b>									
Automation	10,005	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.917
Manual	490	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.260
<b><u>Outgoing Secondary</u></b>									
Automation	715	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.046
Manual	120	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.063
<b><u>Incoming RBCS</u></b>									
ISS/RCR	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Incoming MMP</u></b>									
Automation AADC	3,742	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.361
Manual ADC	325	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.158
<b><u>Incoming SCF/Primary</u></b>									
Automation	8,674	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.763
Manual	536	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.243
<b><u>5-Digit Barcode Sort</u></b>									
	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b><u>Incoming Secondaries</u></b>									
Auto Carrier Route	2,000	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.210
Auto 3-Pass DPS	3,050	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.057
Auto 2-Pass DPS	12,880	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.766
Man Inc Sec Final At Plant	1,419	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.747
Man Inc Sec Final At DU	503	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.176
Box Section Sort. DPS	641	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.114
Box Section Sort. Other	249	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.088

(10)  
MODEL COST = **4.968**

(11)  
DPS % = **72.06%**

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4) [ (3) \* (100 cents/dollar) ] / (2)
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

- (7) [ (6) - 1 ] \* (4)
- (8) (4) \* (5) + (7)
- (9) (1) \* (8) / 10,000 Pieces
- (10) Sum (9)
- (11) (Pieces Finalized in DPS Operations) / (10,000 Pieces)



# FIRST-CLASS MAIL BULK METERED MAIL (BMM) LETTERS COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b><u>Outgoing RBCS</u></b>									
ISS/RCR	10,078	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.849
REC	363	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.156
OSS	1,331	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.076
LMLM	78	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.017
<b><u>Outgoing Primary</u></b>									
Automation	306	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.028
Manual	53	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.028
<b><u>Outgoing Secondary</u></b>									
Automation	2,788	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.179
Manual	118	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.062
<b><u>Incoming RBCS</u></b>									
ISS/RCR	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Incoming MMP</u></b>									
Automation AADC	1,798	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.174
Manual ADC	190	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.093
<b><u>Incoming SCF/Primary</u></b>									
Automation	5,471	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.481
Manual	258	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.117
<b><u>5-Digit Barcode Sort</u></b>									
	104	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.009
<b><u>Incoming Secondaries</u></b>									
Auto Carrier Route	2,101	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.220
Auto 3-Pass DPS	3,205	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.060
Auto 2-Pass DPS	13,536	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.805
Man Inc Sec Final At Plant	1,115	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.587
Man Inc Sec Final At DU	396	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.138
Box Section Sort, DPS	674	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.120
Box Section Sort, Other	216	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.077

(10)  
MODEL COST = **4.276**

(11)  
DPS % = **75.73%**

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4)  $[(3) * (100 \text{ cents/dollar})] / (2)$
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

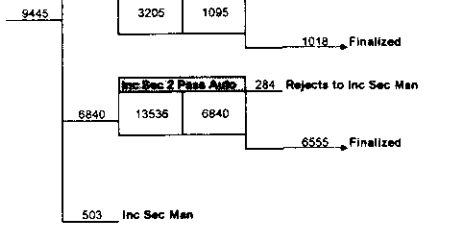
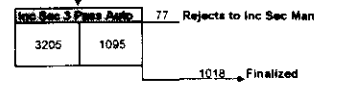
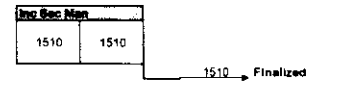
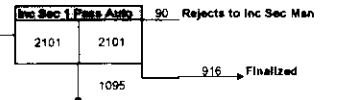
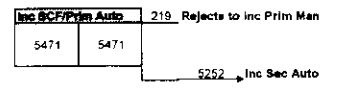
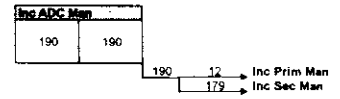
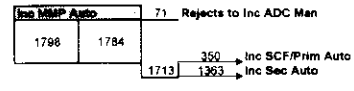
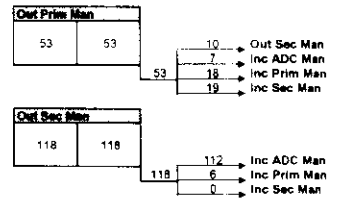
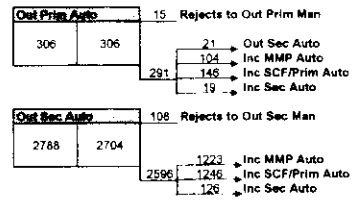
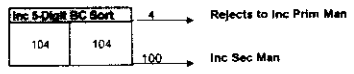
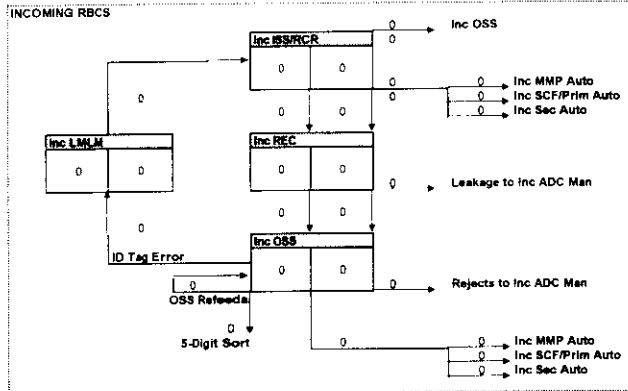
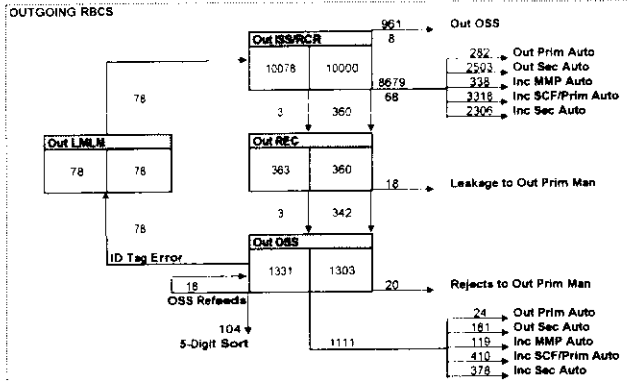
- (7)  $[(6) - 1] * (4)$
- (8)  $(4) * (5) + (7)$
- (9)  $(1) * (8) / 10,000 \text{ Pieces}$
- (10) Sum (9)
- (11)  $(\text{Pieces Finalized in DPS Operations}) / (10,000 \text{ Pieces})$

# FIRST-CLASS MAIL BULK METERED MAIL (BMM) LETTERS MAIL FLOW MODEL

PCS IN = 10000    PCS OUT = 10000

**ENTRY POINTS:**

Out ISS/RCR	10000	Inc ISS/RCR	0
Out Prim Auto	0	Inc MMP Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	0
Out Prim Man	0	Inc Sec Auto	0
Out Sec Man	0	Inc ADC Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0



# FIRST-CLASS MAIL AUTO MIXED AADC PRESORT LETTERS COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	TPH	Pieces Per Hour	Wage Rate	Direct Cents Per Piece	Piggyback Factor	Premium Pay Factor	Premium Pay Adjust	Total Cents Per Piece	Weighted Cents Per Piece
<b>Entry Activities</b>									
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b>Outgoing RBCS</b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Outgoing Primary</b>									
Automation	0	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.000
Manual	0	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.000
<b>Outgoing Secondary</b>									
Automation	10,308	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.662
Manual	400	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.209
<b>Incoming RBCS</b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Incoming MMP</b>									
Automation AADC	4,559	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.440
Manual ADC	561	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.272
<b>Incoming SCF/Primary</b>									
Automation	5,496	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.484
Manual	275	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.125
<b>5-Digit Barcode Sort</b>	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b>Incoming Secondaries</b>									
Auto Carrier Route	2,047	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.215
Auto 3-Pass DPS	3,122	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.058
Auto 2-Pass DPS	13,184	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.784
Man Inc Sec Final At Plant	1,278	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.673
Man Inc Sec Final At DU	453	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.158
Box Section Sort, DPS	656	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.117
Box Section Sort, Other	234	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.083

(10)  
MODEL COST = 4.280

(11)  
DPS % = 73.76%

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4)  $[(3) * (100 \text{ cents/dollar})] / (2)$
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

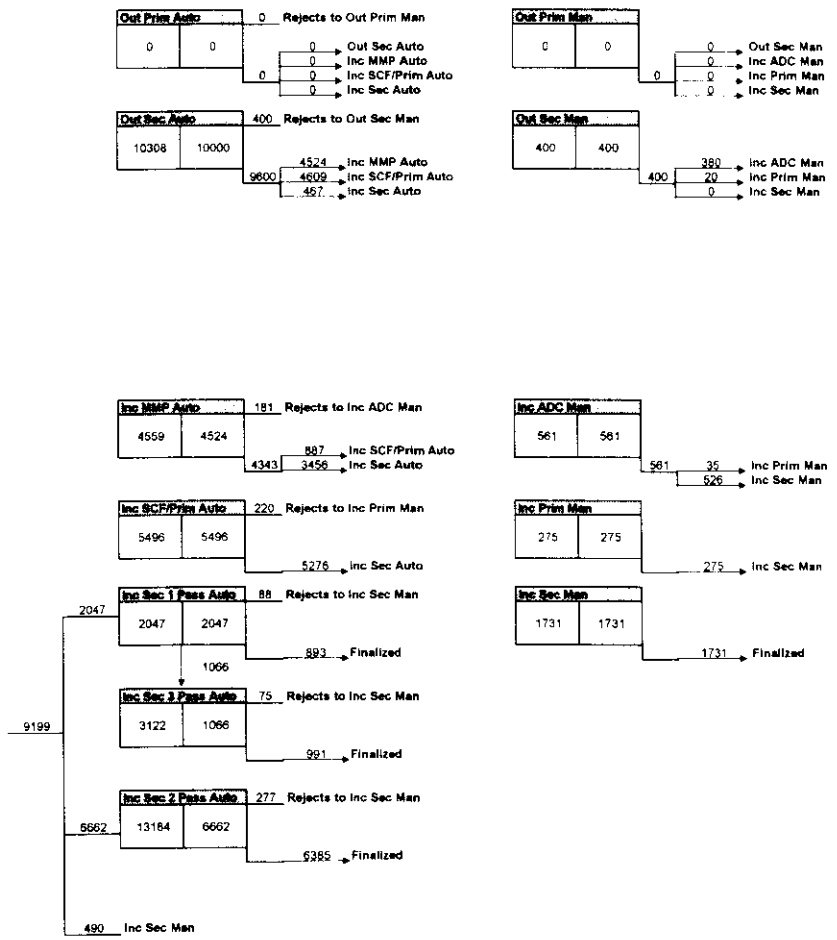
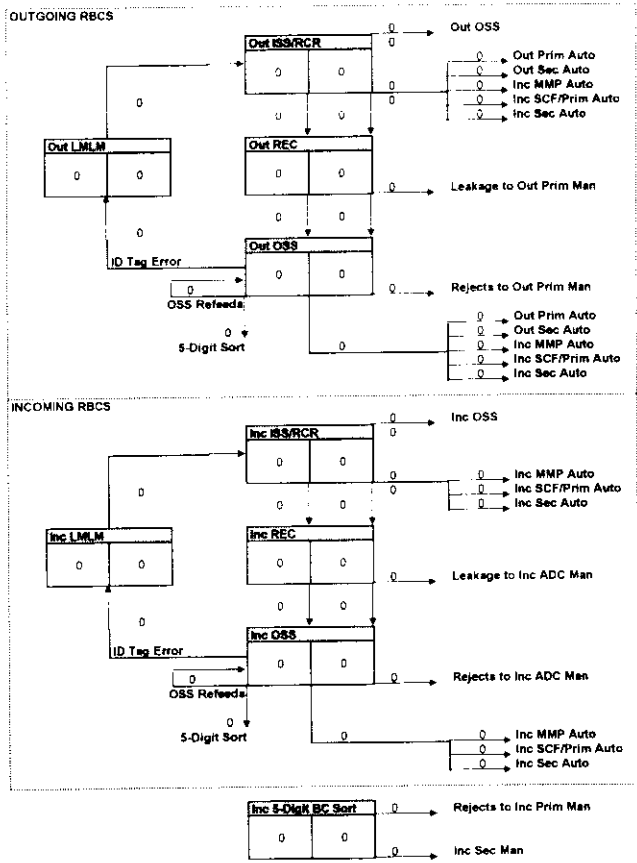
- (7)  $[(6) - 1] * (4)$
- (8)  $(4) * (5) + (7)$
- (9)  $(1) * (8) / 10,000 \text{ Pieces}$
- (10) Sum (9)
- (11)  $(\text{Pieces Finalized in DPS Operations}) / (10,000 \text{ Pieces})$

# FIRST-CLASS MAIL AUTO MIXED AADC PRESORT LETTERS MAIL FLOW MODEL

PCS IN = 10000    PCS OUT = 10000

**ENTRY POINTS:**

Out ISS/RCR	0	Inc ISS/RCR	0
Out Prim Auto	0	Inc MMP Auto	0
Out Sec Auto	10000	Inc SCF/Prim Auto	0
Out Prim Man	0	Inc Sec Auto	0
Out Sec Man	0	Inc ADC Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0



# FIRST-CLASS MAIL AUTO AADC PRESORT LETTERS COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b>Outgoing RBCS</b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Outgoing Primary</b>									
Automation	0	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.000
Manual	0	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.000
<b>Outgoing Secondary</b>									
Automation	0	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.000
Manual	0	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.000
<b>Incoming RBCS</b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Incoming MMP</b>									
Automation AADC	10,079	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.973
Manual ADC	400	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.194
<b>Incoming SCF/Primary</b>									
Automation	1,961	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.173
Manual	103	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.047
<b>5-Digit Barcode Sort</b>									
	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b>Incoming Secondaries</b>									
Auto Carrier Route	2,119	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.222
Auto 3-Pass DPS	3,232	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.061
Auto 2-Pass DPS	13,646	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.811
Man Inc Sec Final At Plant	1,064	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.560
Man Inc Sec Final At DU	377	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.132
Box Section Sort, DPS	680	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.121
Box Section Sort, Other	210	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.075

(10)  
MODEL COST = **3.368**

(11)  
DPS % = **76.35%**

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4) [(3) \* (100 cents/dollar)] / (2)
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

- (7) [(6) - 1] \* (4)
- (8) (4) \* (5) + (7)
- (9) (1) \* (8) / 10,000 Pieces
- (10) Sum (9)
- (11) (Pieces Finalized in DPS Operations) / (10,000 Pieces)





# FIRST-CLASS MAIL AUTO 3-DIGIT PRESORT LETTERS COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b>Outgoing RBCS</b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Outgoing Primary</b>									
Automation	0	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.000
Manual	0	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.000
<b>Outgoing Secondary</b>									
Automation	0	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.000
Manual	0	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.000
<b>Incoming RBCS</b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b>Incoming MMP</b>									
Automation AADC	0	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.000
Manual ADC	0	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.000
<b>Incoming SCF/Primary</b>									
Automation	10,000	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.880
Manual	400	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.182
<b>5-Digit Barcode Sort</b>									
	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b>Incoming Secondaries</b>									
Auto Carrier Route	2,136	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.224
Auto 3-Pass DPS	3,258	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.061
Auto 2-Pass DPS	13,759	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.818
Man Inc Sec Final At Plant	1,012	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.533
Man Inc Sec Final At DU	359	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.125
Box Section Sort, DPS	685	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.122
Box Section Sort, Other	205	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.073

(10)  
MODEL COST = **3.017**

(11)  
DPS % = **76.98%**

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4) [ (3) \* (100 cents/dollar) ] / (2)
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

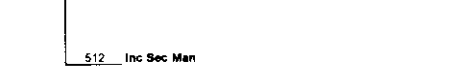
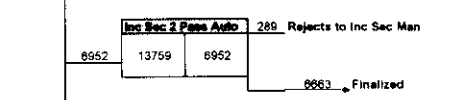
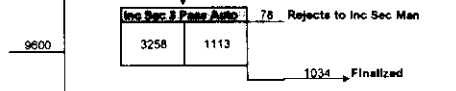
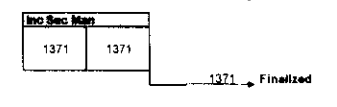
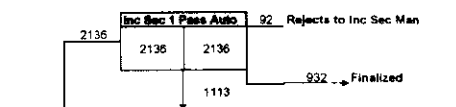
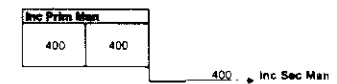
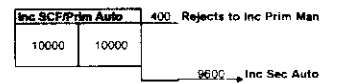
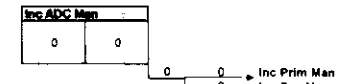
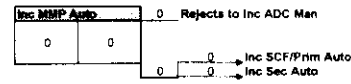
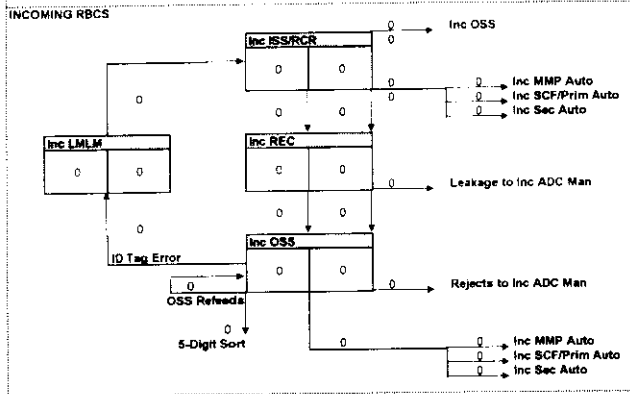
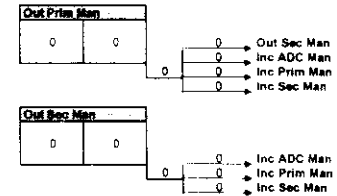
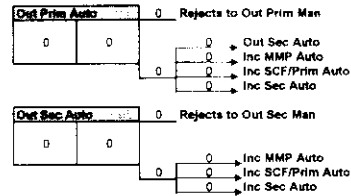
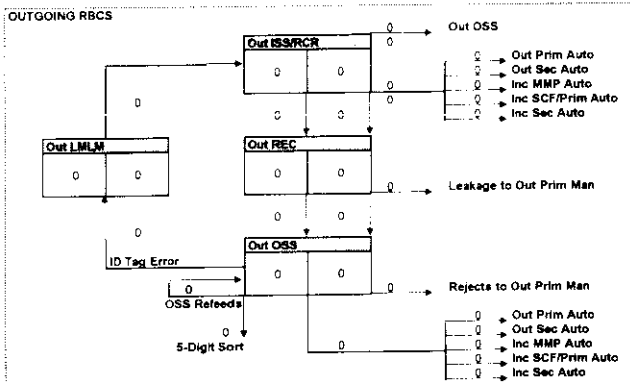
- (7) [ (6) - 1 ] \* (4)
- (8) (4) \* (5) + (7)
- (9) (1) \* (8) / 10,000 Pieces
- (10) Sum (9)
- (11) (Pieces Finalized in DPS Operations) / (10,000 Pieces)

# FIRST-CLASS MAIL AUTO 3-DIGIT PRESORT LETTERS MAIL FLOW MODEL

PCS IN = 10000      PCS OUT = 10000

**ENTRY POINTS:**

Out ISS/RCR	0	Inc ISS/RCR	0
Out Prim Auto	0	Inc MMP Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	10000
Out Prim Man	0	Inc Sec Auto	0
Out Sec Man	0	Inc ADC Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0



# FIRST-CLASS MAIL AUTO 5-DIGIT PRESORT LETTERS (OTHER SITES) COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	7,242	---	---	---	---	---	---	0.000	0.000
<b><u>Outgoing RBCS</u></b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Outgoing Primary</u></b>									
Automation	0	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.000
Manual	0	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.000
<b><u>Outgoing Secondary</u></b>									
Automation	0	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.000
Manual	0	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.000
<b><u>Incoming RBCS</u></b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Incoming MMP</u></b>									
Automation AADC	0	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.000
Manual ADC	0	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.000
<b><u>Incoming SCF/Primary</u></b>									
Automation	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
Manual	0	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.000
<b><u>5-Digit Barcode Sort</u></b>									
	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b><u>Incoming Secondaries</u></b>									
Auto Carrier Route	0	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.000
Auto 3-Pass DPS	0	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.000
Auto 2-Pass DPS	14,332	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	1.176
Man Inc Sec Final At Plant	222	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.161
Man Inc Sec Final At DU	79	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.038
Box Section Sort, DPS	618	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.151
Box Section Sort, Other	27	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.013

(10)  
MODEL COST = 1.540

(11)  
DPS % = 95.84%

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4) [ (3) \* (100 cents/dollar) ] / (2)
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

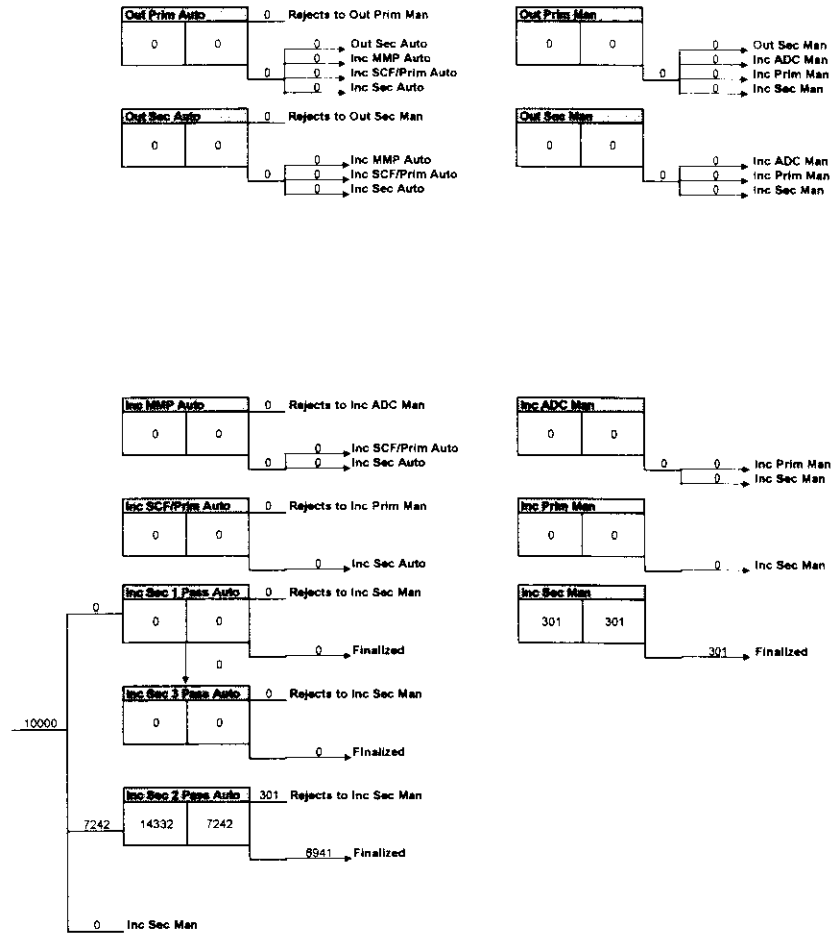
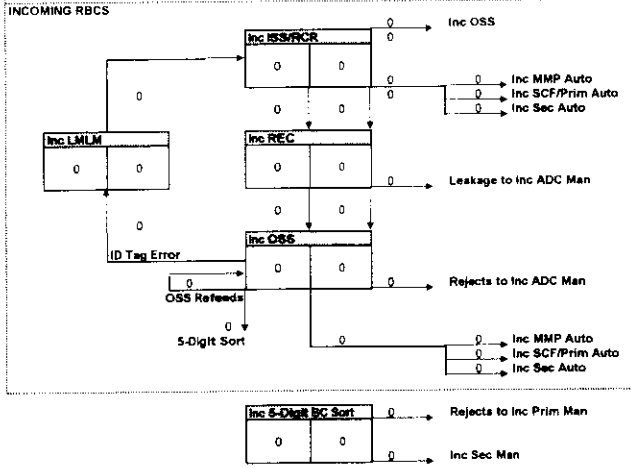
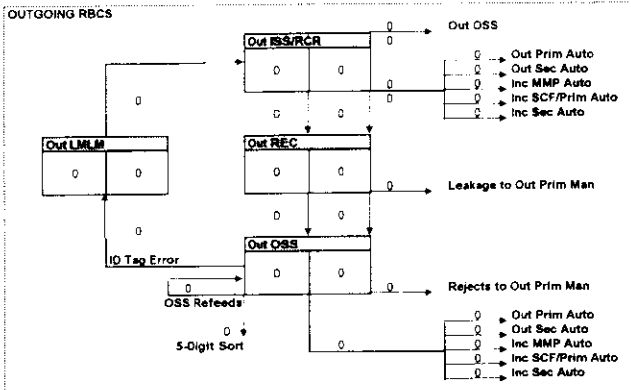
- (7) [ (6) - 1 ] \* (4)
- (8) (4) \* (5) + (7)
- (9) (1) \* (8) / 10,000 Pieces
- (10) Sum (9)
- (11) (Pieces Finalized in DPS Operations) / (10,000 Pieces)

**FIRST-CLASS MAIL AUTO 5-DIGIT PRESORT LETTERS (OTHER SITES)  
MAIL FLOW MODEL**

PCS IN = 10000    PCS OUT = 7242

**ENTRY POINTS:**

Out ISS/RCR	0	Inc ISS/RCR	0
Out Prim Auto	0	Inc MMP Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	0
Out Prim Man	0	Inc Sec Auto	10000
Out Sec Man	0	Inc ADC Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0



## FIRST-CLASS MAIL AUTO 5-DIGIT PRESORT LETTERS (CSBCS/MANUAL SITES) COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	2,758	---	---	---	---	---	---	0.000	0.000
<b><u>Outgoing RBCS</u></b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Outgoing Primary</u></b>									
Automation	0	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.000
Manual	0	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.000
<b><u>Outgoing Secondary</u></b>									
Automation	0	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.000
Manual	0	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.000
<b><u>Incoming RBCS</u></b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Incoming MMP</u></b>									
Automation AADC	0	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.000
Manual ADC	0	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.000
<b><u>Incoming SCF/Primary</u></b>									
Automation	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
Manual	0	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.000
<b><u>5-Digit Barcode Sort</u></b>	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b><u>Incoming Secondaries</u></b>									
Auto Carrier Route	2,225	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.846
Auto 3-Pass DPS	3,394	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.230
Auto 2-Pass DPS	0	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.000
Man Inc Sec Final At Plant	524	807	\$30.840	3.822	1.365	1.012	0.047	5.264	1.000
Man Inc Sec Final At DU	186	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.236
Box Section Sort, DPS	96	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.062
Box Section Sort, Other	150	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.192

(10)  
MODEL COST = 2.566

(11)  
DPS % = 39.07%

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4) [ (3) \* (100 cents/dollar) ] / (2)
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

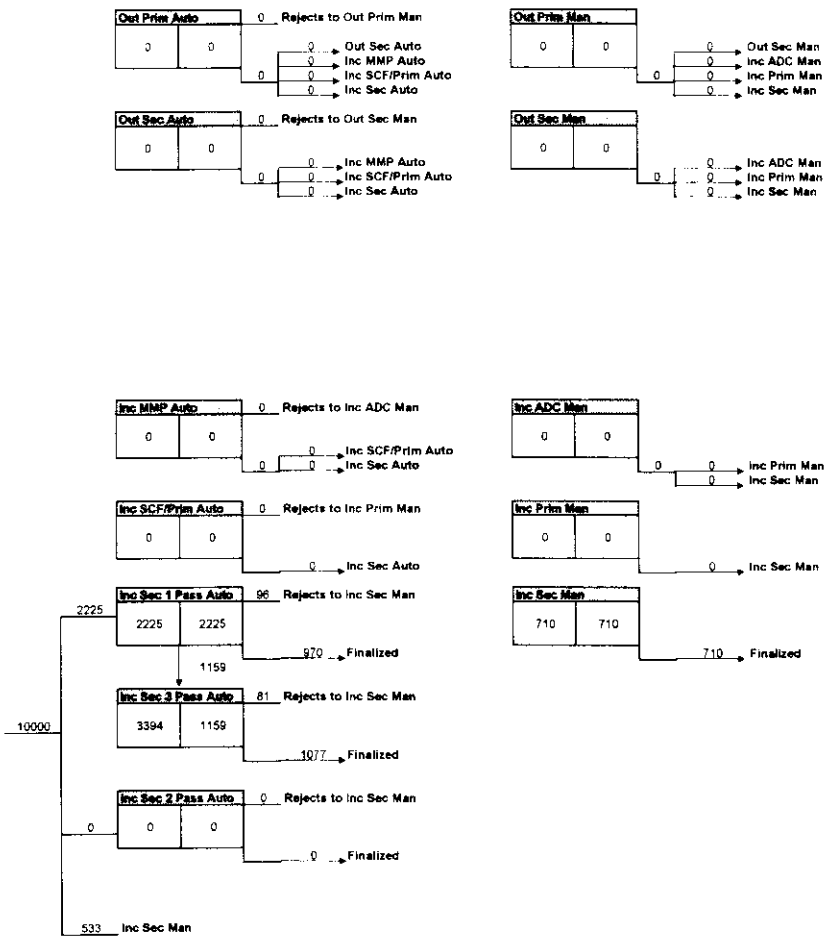
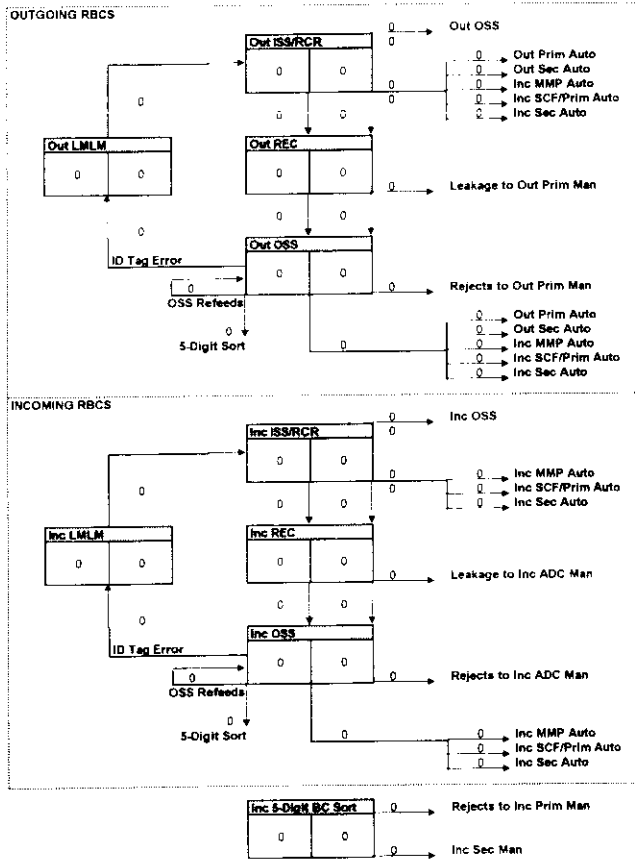
- (7) [ (6) - 1 ] \* (4)
- (8) (4) \* (5) + (7)
- (9) (1) \* (8) / 10,000 Pieces
- (10) Sum (9)
- (11) (Pieces Finalized in DPS Operations) / (10,000 Pieces)

### FIRST-CLASS MAIL AUTO 5-DIGIT PRESORT LETTERS (CSBCS/MANUAL SITES) MAIL FLOW MODEL

PCS IN = 10000      PCS OUT = 2758

**ENTRY POINTS:**

Out ISS/RCR	0	Inc ISS/RCR	0
Out Prim Auto	0	Inc MMP Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	10000
Out Prim Man	0	Inc ADC Man	0
Out Sec Man	0	Inc SCF/Prim Man	0
		Inc Sec Man	0



# FIRST-CLASS MAIL AUTO CARRIER ROUTE PRESORT LETTERS COST SHEET

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	10,000	---	---	---	---	---	---	0.000	0.000
<b><u>Outgoing RBCS</u></b>									
ISS/RCR	0	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Outgoing Primary</u></b>									
Automation	0	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.000
Manual	0	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.000
<b><u>Outgoing Secondary</u></b>									
Automation	0	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.000
Manual	0	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.000
<b><u>Incoming RBCS</u></b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Incoming MMP</u></b>									
Automation AADC	0	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.000
Manual ADC	0	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.000
<b><u>Incoming SCF/Primary</u></b>									
Automation	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
Manual	0	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.000
<b><u>5-Digit Barcode Sort</u></b>	0	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.000
<b><u>Incoming Secondaries</u></b>									
Auto Carrier Route	0	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.000
Auto 3-Pass DPS	12,859	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.241
Auto 2-Pass DPS	0	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.000
Man Inc Sec Final At Plant	228	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.120
Man Inc Sec Final At DU	81	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.028
Box Section Sort, DPS	363	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.064
Box Section Sort, Other	527	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.187

(10)  
MODEL COST = 0.640

(11)  
DPS % = 40.82%

- (1) Values From "MODEL" Spreadsheet
- (2) Values From "PRODUCTIVITY" Spreadsheet
- (3) Values From "WAGE" Spreadsheet
- (4) [(3) \* (100 cents/dollar)] / (2)
- (5) Values From "PIGGYBACK" Spreadsheet
- (6) Values From "WAGE" Spreadsheet

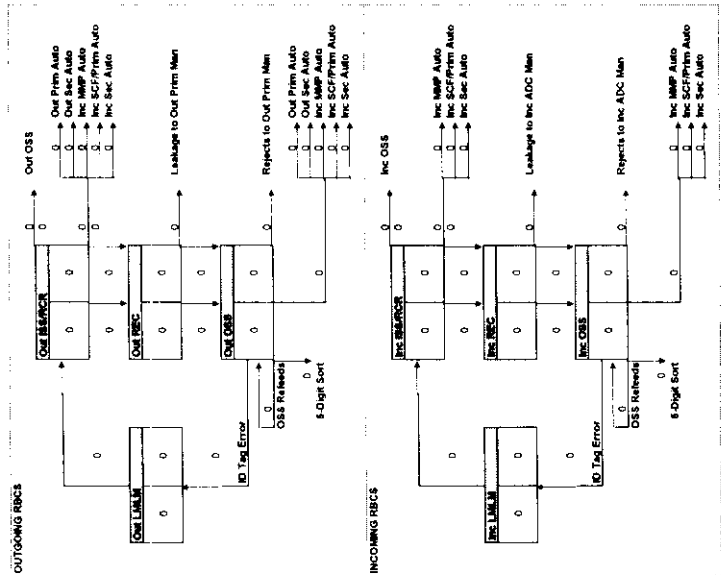
- (7) [(6) - 1] \* (4)
- (8) (4) \* (5) + (7)
- (9) (1) \* (8) / 10,000 Pieces
- (10) Sum (9)
- (11) (Pieces Finalized in DPS Operations) / (10,000 Pieces)

# FIRST-CLASS MAIL AUTO CARRIER ROUTE PRESORT LETTERS MAIL FLOW MODEL

PCS IN = 10000 PCS OUT = 10000

**ENTRY POINTS:**

Out ISS/ROR	0	Inc ISS/ROR	0
Out Prim Auto	0	Inc MP/Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	0
Out Prim Man	0	Inc MP/Man	100
Out Sec Man	0	Inc ADC/Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0



Out ISS/ROR	0	Inc ISS/ROR	0
Out Prim Auto	0	Inc MP/Auto	0
Out Sec Auto	0	Inc SCF/Prim Auto	0
Out Prim Man	0	Inc MP/Man	100
Out Sec Man	0	Inc ADC/Man	0
		Inc SCF/Prim Man	0
		Inc Sec Man	0

5608 Carrier



**FIRST-CLASS MAIL SINGLE-PIECE MACHINABLE LETTERS  
COST SHEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Entry Activities</u>	<u>TPH</u>	<u>Pieces Per Hour</u>	<u>Wage Rate</u>	<u>Direct Cents Per Piece</u>	<u>Piggyback Factor</u>	<u>Premium Pay Factor</u>	<u>Premium Pay Adjust</u>	<u>Total Cents Per Piece</u>	<u>Weighted Cents Per Piece</u>
Package Sorting	0	---	---	---	---	---	---	0.000	0.000
<b><u>Outgoing RBCS</u></b>									
ISS/RRCR	10,085	8,142	\$30.840	0.379	2.213	1.012	0.005	0.843	0.850
REC	363	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.156
OSS	1,330	10,240	\$30.840	0.301	1.885	1.012	0.004	0.571	0.076
LMLM	85	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.018
<b><u>Outgoing Primary</u></b>									
Automation	306	6,559	\$30.840	0.470	1.937	1.012	0.006	0.916	0.028
Manual	59	802	\$30.840	3.847	1.365	1.012	0.047	5.298	0.031
<b><u>Outgoing Secondary</u></b>									
Automation	2,790	9,312	\$30.840	0.331	1.928	1.012	0.004	0.643	0.179
Manual	119	814	\$30.840	3.790	1.365	1.012	0.046	5.219	0.062
<b><u>Incoming RBCS</u></b>									
ISS	0	4,681	\$30.840	0.659	2.213	1.012	0.008	1.466	0.000
REC	0	698	\$20.409	2.924	1.459	1.012	0.036	4.302	0.000
OSS	0	9,225	\$30.840	0.334	1.819	1.012	0.004	0.612	0.000
LMLM	0	3,749	\$30.840	0.823	2.567	1.012	0.010	2.122	0.000
<b><u>Incoming MMP</u></b>									
Automation AADC	1,800	6,159	\$30.840	0.501	1.917	1.012	0.006	0.966	0.174
Manual ADC	192	900	\$30.840	3.427	1.406	1.012	0.042	4.860	0.094
<b><u>Incoming SCF/Primary</u></b>									
Automation	5,476	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.482
Manual	260	934	\$30.840	3.300	1.365	1.012	0.040	4.545	0.118
<b><u>5-Digit Barcode Sort</u></b>	88	6,658	\$30.840	0.463	1.887	1.012	0.006	0.880	0.008
<b><u>Incoming Secondaries</u></b>									
Auto Carrier Route	2,104	5,614	\$30.840	0.549	1.897	1.012	0.007	1.049	0.221
Auto 3-Pass DPS	3,209	32,363	\$30.840	0.095	1.953	1.012	0.001	0.187	0.060
Auto 2-Pass DPS	13,550	10,145	\$30.840	0.304	1.943	1.012	0.004	0.594	0.805
Man Inc Sec Final At Plant	1,108	807	\$30.840	3.822	1.365	1.012	0.047	5.264	0.583
Man Inc Sec Final At DU	393	1,216	\$30.840	2.536	1.365	1.012	0.031	3.493	0.137
Box Section Sort, DPS	675	2,464	\$30.840	1.252	1.406	1.012	0.015	1.775	0.120
Box Section Sort, Other	215	1,233	\$30.840	2.502	1.406	1.012	0.030	3.548	0.076

**MODEL COST = 4.279 (10)**  
**BULK METERED MAIL LETTERS WORKSHARING RELATED PROPORTIONAL COSTS = 6.447 (11)**  
**METERED LETTERS MODEL COST = 4.276 (12)**  
**CRA WORKSHARING RELATED PROPORTIONAL ADJUSTMENT FACTOR = 1.508 (13)**  
**CRA ADJUSTED FIRST-CLASS SINGLE-PIECE MACHINABLE WORKSHARE-RELATED LETTERS COST = 6.463 (14)**

- |  |   |
|--|---|
| (1) Values From "MODEL" Spreadsheet        | (8) (4) * (5) + (7)                       |
| (2) Values From "PRODUCTIVITY" Spreadsheet | (9) (1) * (8) / 10,000 Pieces             |
| (3) Values From "WAGE" Spreadsheet         | (10) Sum (9)                              |
| (4) [ (3) * (100 cents/dollar) ] / (2)     | (11) Value from "CRA LETTERS" Spreadsheet |
| (5) Values From "PIGGYBACK" Spreadsheet    | (12) Value from "METER COSTS" Spreadsheet |
| (6) Values From "WAGE" Spreadsheet         | (13) (11) / (12)                          |
| (7) [ (6) - 1 ] * (4)                      | (14) (10) * (13)                          |



**MARGINAL (VOLUME VARIABLE) PRODUCTIVITIES**

<u>Description</u>	(1) <u>Variability Factor</u>	(2) <u>MODS Productivity</u>	<u>Productivity Source</u>	(3) <u>Marginal Productivity</u>
Outgoing ISS	0.770	6269	USPS LR-J-56	8,142
Incoming ISS	0.770	3604	USPS LR-J-56	4,681
REC	1.000	698	USPS LR-J-56	698
LMLM	1.000	3749	USPS LR-J-56	3,749
Outgoing OSS	0.896	9177	USPS LR-J-56	10,240
Incoming OSS	0.926	8539	USPS LR-J-56	9,225
Outgoing BCS Primary	0.873	5724	USPS LR-J-56	6,559
Outgoing BCS Secondary	0.877	8162	USPS LR-J-56	9,312
Incoming BCS MMP	0.882	5431	USPS LR-J-56	6,159
Incoming BCS SCF/Primary	0.895	5959	USPS LR-J-56	6,658
Incoming BCS Secondary Carrier Route	0.891	5001	USPS LR-J-56	5,614
Incoming BCS Secondary DPS (2 Pass)	0.870	8826	USPS LR-J-56	10,145
Incoming CSBCS Secondary DPS (3 Pass)	0.870	28,156	USPS LR-J-56	32,363
Manual Outgoing Primary	0.580	465	USPS LR-J-56	802
Manual Outgoing Secondary	0.580	472	USPS LR-J-56	814
Manual ADC	0.580	522	USPS LR-J-56	900
Manual Incoming SCF/Primary	0.580	542	USPS LR-J-56	934
Manual Incoming Secondary, MODS Site	0.580	468	USPS LR-J-56	807
Manual Incoming Secondary Non MODS Sites	0.940	1,143	Docket No. MC95-1, Exhibit USPS-T-10F	1,216
P.O. Box Sort DPS	0.950	2,341	Docket No. MC95-1, Exhibit USPS-T-10F	2,464
P.O. Box Sort Other	0.950	1,171	Docket No. MC95-1, Exhibit USPS-T-10F	1,233
Tray Opening Unit Bundle Sorting	0.960	160	Docket No. MC95-1, Exhibit USPS-T-10B	167

(1) USPS LR-J-55

(2) Data Sources As Indicated

(3) (2) / (1)

## TEST YEAR WAGE RATES

<u>Description</u>	<u>Source</u>	<u>Wage Rate</u>
Remote Encoding Centers (REC)	USPS LR-J-50	20.409
Other Mail Processing	USPS LR-J-50	30.840
Premium Pay Adjustment Factor	USPS LR-J-52	1.012

## PIGGYBACK FACTORS

<u>EQUIPMENT DESCRIPTION</u>	<u>SOURCE</u>	<u>VALUE</u>
MLOCR	USPS LR-J-53	2.213
REC	USPS LR-J-52	1.459
LMLM	USPS LR-J-52	2.567
MPBCS	USPS LR-J-52	1.787
DBCS	USPS LR-J-52	1.943
CSBCS	USPS LR-J-52	1.953
Manual	USPS LR-J-53	1.365
Manual P.O. Box	USPS LR-J-53	1.406
Tray Opening Unit Bundle Sorting	USPS LR-J-53	1.556
<b><u>OPERATION DESCRIPTION</u></b>		<b>(1) <u>VALUE</u></b>
Outgoing ISS		2.213
Outgoing REC		1.459
Outgoing OSS		1.885
Outgoing LMLM		2.567
Outgoing Prim Auto		1.937
Outgoing Prim Man		1.365
Outgoing Sec Auto		1.928
Outgoing Sec Man		1.365
Incoming ISS		2.213
Incoming REC		1.459
Incoming OSS		1.819
Incoming LMLM		2.567
Incoming MMP Auto		1.917
Incoming ADC Man		1.406
Incoming SCF/Prim Auto		1.887
Incoming SCF/Prim Man		1.365
Incoming 5-Digit Barcode Sort		1.887
Incoming Sec Auto Carrier Route		1.897
Incoming Sec Auto 3-Pass DPS		1.953
Incoming Sec Auto 2-Pass DPS		1.943
Man Inc Sec Final At Plant		1.365
Man Inc Sec Final At DU		1.365
Box Section Sort, DPS		1.406
Box Section Sort, Other		1.406
Tray Opening Unit Bundle Sorting		1.556

**(1) For automation operations, these factors are the weighted average of MPBCS and DBCS piggyback factors using volume percentages in "FY 00 MODS" spreadsheet**

## FY 2000 MODS VOLUMES

Source: Corporate Information System

<u>Oper No.</u>	<u>Description</u>	<u>MODS Volume</u>	<u>% Volume</u>	
971	Outgoing Primary OSS - MPBCS	7,985,660,700	33.66%	37.36%
972	Outgoing Secondary OSS - MPBCS	878,580,800	3.70%	
271	Outgoing Primary OSS - DBCS	14,070,389,300	59.30%	62.64%
272	Outgoing Secondary OSS - DBCS	<u>791,632,100</u>	3.34%	
		23,726,262,900	100.00%	
871	Outgoing Primary - MPBCS	586,752,200	3.80%	
891	Outgoing Primary - DBCS	<u>14,868,055,800</u>	<u>96.20%</u>	
		15,454,808,000	100.00%	
872	Outgoing Secondary - MPBCS	1,154,795,000	9.30%	
892	Outgoing Secondary - DBCS	<u>11,256,612,400</u>	<u>90.70%</u>	
		12,411,407,400	100.00%	
973	Incoming MMP OSS - MPBCS	1,948,035,400	38.28%	79.55%
974	Incoming SCF OSS - MPBCS	1,215,252,700	23.88%	
975	Incoming Primary OSS - MPBCS	884,543,800	17.38%	20.45%
273	Incoming MMP OSS - DBCS	697,271,100	13.70%	
274	Incoming SCF OSS - DBCS	274,473,700	5.39%	
275	Incoming Primary OSS - DBCS	<u>68,903,100</u>	1.35%	
		5,088,479,800	100.00%	
873	Incoming MMP - MPBCS	4,829,566,200	16.90%	
893	Incoming MMP - DBCS	<u>23,741,428,000</u>	<u>83.10%</u>	
		28,570,994,200	100.00%	
874	Incoming SCF - MPBCS	12,046,099,700	25.28%	35.79%
875	Incoming Primary - MPBCS	5,007,310,500	10.51%	
894	Incoming SCF - DBCS	19,726,014,500	41.40%	64.21%
895	Incoming Primary DBCS	<u>10,870,574,800</u>	<u>22.81%</u>	
		47,649,999,500	100.00%	
876	Incoming Secondary Carrier Route - MPBCS	7,305,982,800	29.69%	
896	Incoming Secondary Carrier Route - DBCS	<u>17,302,665,500</u>	<u>70.31%</u>	
		24,608,648,300	100.00%	

**FIRST-CLASS MAIL ENTRY PROFILE**

Rate Category	Tray Presort Level	Entry Point	Source	Volume	Percent	Percent
<b>Nonautomation OCR Upgradable</b>				<b>3,152,997</b>	<b>100.00%</b>	
5-Digit			Docket No. R97-1, LR-H-185	281,478		8.93%
Inc ISS				281,478		8.93%
3-Digit			Docket No. R97-1, LR-H-185	1,565,393		49.65%
Inc ISS				1,565,393		49.65%
AADC Trays			Docket No. R97-1, LR-H-185	504,094		15.99%
Inc ISS				401,259		12.73%
Inc ISS				102,835		3.26%
Mixed AADC Trays			Docket No. R97-1, LR-H-185	802,032		25.44%
Out ISS				802,032		25.44%
<b>Nonautomation Non-OCR Upgradable</b>				<b>505,318</b>	<b>100.00%</b>	
5-Digit			Docket No. R97-1, LR-H-185	183,056		36.23%
Inc Iss				183,056		36.23%
3-Digit			Docket No. R97-1, LR-H-185	193,752		38.34%
Inc ISS				193,752		38.34%
ADC Trays			Docket No. R97-1, LR-H-185	20,468		4.05%
Inc ISS				16,293		3.22%
Inc ISS				4,175		0.83%
Mixed ADC Trays			Docket No. R97-1, LR-H-185	108,042		21.38%
Out ISS				108,042		21.38%
<b>Nonautomation Non-OCR Not Upgradable</b>				<b>2,874,842</b>	<b>100.00%</b>	
<b>55.56% = % nonmachinable</b>						
5-Digit			Docket No. R97-1, LR-H-185	1,032,992		35.93%
Inc Iss				459,033		15.97%
Inc Sec Man				573,959		19.96%
3-Digit			Docket No. R97-1, LR-H-185	1,312,026		45.64%
Inc ISS				583,029		20.28%
Inc SCF/Prim Man				728,997		25.36%
ADC Trays			Docket No. R97-1, LR-H-185	263,273		9.16%
Inc ISS				93,125		3.24%
Inc ISS				23,866		0.83%
Inc ADC Man				116,440		4.05%
Inc SCF/Prim Man				29,841		1.04%
Mixed ADC Trays			Docket No. R97-1, LR-H-185	266,551		9.27%
Out ISS				118,448		4.12%
Out Prim Man				148,103		5.15%
<b>Automation Basic</b>			Docket No. R97-1, LR-H-185	<b>4,259,378</b>	<b>100.00%</b>	
AADC Trays			Docket No. R97-1, LR-H-185	2,201,894		51.70%
Inc MMP Auto				1,752,708		41.15%
Inc SCF/Prim Auto				449,186		10.55%
Mixed AADC Trays			Docket No. R97-1, LR-H-185	2,057,484		48.30%
Out Prim Auto				2,057,484		48.30%
<b>Automation 3-Digit</b>			Docket No. R97-1, LR-H-185	<b>19,388,008</b>		
<b>Automation 5-Digit</b>			Docket No. R97-1, LR-H-185	<b>8,967,204</b>		
<b>Total Nonautomation and Automation Presort</b>				<b>39,147,747</b>		





**PRESORT LETTERS MAIL FLOW DENSITIES**

Source: Docket No. R2000-1, USPS-T-24, Workpaper 1

<u>From Operation</u>	-----OUTGOING-----			-----INCOMING-----			<u>Total</u>
	<u>Refeeds</u>	<u>Primary</u>	<u>Secondary</u>	<u>Mgd Mail Program</u>	<u>SCF/ Primary</u>	<u>Inc Sec</u>	
Out ISS Auto		3.22%	28.61%	3.86%	37.94%	26.36%	100.00%
Out OSS Auto		2.12%	16.26%	10.74%	36.88%	34.00%	100.00%
Out Prim Auto	0.05%		7.29%	35.74%	50.38%	6.59%	100.00%
Out Sec Auto	3.08%			47.12%	48.01%	4.87%	100.00%
Inc ISS Auto				2.41%	32.39%	65.19%	100.00%
Inc OSS Auto				0.92%	20.28%	78.81%	100.00%
Inc MMP Auto	0.79%				20.43%	79.57%	100.00%
Out Prim Man			18.86%	12.81%	33.18%	35.15%	100.00%
Out Sec Man				94.94%	5.06%	0.00%	100.00%
Inc ADC Man					6.18%	93.82%	100.00%

## MISCELLANEOUS FACTORS

<u>Description</u>	<u>Source</u>	<u>Value</u>
<b>AADC Trays Entered At MMP Operation</b>	Docket No. R97-1, LR-H-128	79.60%
<b>RBCS Leakage Rate</b>	Operations Leakage Target	5.00%
<b>Automation Incoming Secondaries</b>		
<b>Delivery Unit (ZIP Code)</b>	FY00 F.A.S.T. Data	5.33%
<b>Carrier Route</b>	FY00 F.A.S.T. Data	10.14%
<b>3-Pass DPS (CSBCS)</b>	FY00 F.A.S.T. Data	12.11%
<b>2-Pass DPS (DBCS)</b>	FY00 F.A.S.T. Data	<u>72.42%</u>
		100.00%
<b>Auto Carrier Route Presort % To CSBCS Site</b>	(3) / [ (1) + (2) + (3) ]	43.91%
<b>Finalized At Least To Carrier Route At Plant</b>	Docket No. R2000-1, USPS-T-24A	73.81%
<b>Post Office Box Destination</b>	Docket No. MC95-1, USPS-T-10I	8.90%
<b>Nonstandard Letters % Accept</b>	Docket No. R2000-1, Tr. 22/10162 at 16	75.00%

**PACKAGE SORTING COSTS**

Test Year Wage Rate = \$30.840 (1)  
 Productivity = 167 (2)  
 Piggyback Factor = 1.556 (3)  
 Premium Pay Factor = 1.012 (4)  
 Cost (Cents) Per Package = 29.018 (5)

Package Type	Mix ADC to ADC	ADC to SCF/3-Dig	SCF/3-Dig to 5-Dig	Final Operation
<b>5-Digit Packages</b>				
No. of Operations (6)	0.5	0.8	1.3	
Cost Per Sort (7)	14.509	23.214	37.723	
<b>3-Digit Packages</b>				
No. of Operations (6)	0.5	1.0		0.5
Cost Per Sort (7)	14.509	29.018		14.509
<b>ADC Packages</b>				
No. of Operations (6)	1.0			1.0
Cost Per Sort (7)	29.018			29.018
<b>Mixed ADC Packages</b>				
No. of Operations (6)				1.0
Cost Per Sort (7)				29.018

Packages/Container Type	(8) Mix ADC to ADC	(8) ADC to SCF/3-Dig	(8) SCF/3-Dig to 5-Dig	(8) Final Operation	(9) Total Cost	(10) Non-OCR Upgradable Volume	(11) % Vol	(12) % Used	(13) Pieces Per Package	(14) Cost Per Piece	(15) Non-OCR Non-OCR Volume	(16) % Vol	(17) % Used	(18) Pieces Per Package	(19) Cost Per Piece
Full 5-Digit Trays	0.000	0.000	0.000	0.000	0.000	183,056	36.23%	100.00%	0.0	0.000	1,032,992	35.93%	100.00%	0.0	0.000
Full 3-Digit Trays	0.000	0.000	0.000	0.000	0.000	0	0.00%	100.00%	0.0	0.000	0	0.00%	100.00%	0.0	0.000
5-Digit Packages In 3-Digit Trays	0.000	0.000	37.723	0.000	37.723	179,285	35.48%	69.11%	35.0	0.264	1,103,615	38.39%	100.00%	31.7	0.457
3-Digit Packages in 3 Digit Trays	0.000	0.000	0.000	14.509	14.509	14,467	2.86%	69.11%	38.9	0.007	208,411	7.25%	100.00%	39.1	0.027
5-Digit Packages In ADC Trays	0.000	23.214	37.723	0.000	60.937	4,263	0.84%	54.50%	16.9	0.017	86,157	3.00%	100.00%	18.5	0.099
3-Digit Packages In ADC Trays	0.000	29.018	0.000	14.509	43.527	14,567	2.88%	54.50%	27.1	0.025	174,265	6.06%	100.00%	32.4	0.081
ADC Packages In ADC Trays	0.000	0.000	0.000	29.018	29.018	1,638	0.32%	54.50%	24.1	0.002	2,851	0.10%	100.00%	24.5	0.001
5-Digit Packages In Mix ADC Trays	14.509	23.214	37.723	0.000	75.446	16,795	3.32%	54.50%	18.6	0.073	55,888	1.94%	100.00%	27.6	0.053
3-Digit Packages In Mix ADC Trays	14.509	29.018	0.000	14.509	58.036	43,040	8.52%	54.50%	32.3	0.083	144,881	5.04%	100.00%	25.1	0.117
ADC Packages In Mix ADC Trays	29.018	0.000	0.000	29.018	58.036	33,671	6.66%	54.50%	18.7	0.113	36,528	1.27%	100.00%	19.0	0.039
Mix ADC Packages In Mix ADC Trays	0.000	0.000	0.000	29.018	29.018	14,536	2.88%	54.50%	58.8	0.008	29,253	1.02%	100.00%	51.1	0.006
						<b>505,318</b>	<b>100.00%</b>			<b>0.593</b>	<b>2,874,841</b>	<b>100.00%</b>		<b>0.879</b>	
										<b>(20)</b>				<b>(21)</b>	

- (1) From "WAGE" spreadsheet
- (2) From "PRODUCTIVITY" spreadsheet
- (3) From "PIGGYBACK" spreadsheet
- (4) From "WAGE" spreadsheet
- (5) [(1) \* 100 / (2)] \* [(3) \* ((4) - 1)]
- (6) Number of Operations from Docket No. MC95-1, USPS-T-10B
- (7) (6) \* (5)
- (8) Package costs from (7) based on container type
- (9) Sum (8) for all containers
- (10) Docket No. R97-1, USPS LR-H-185

- (11) [(10) for each package and container type] / [total (10)]
- (12) Docket No. MC95-1, Smith Workpaper Part VII
- (13) Docket No. R97-1, USPS LR-H-185
- (14) (9) \* (11) \* (12) / (13)
- (15) Docket No. R97-1, USPS LR-H-185
- (16) [(10) for each package and container type] / [total (10)]
- (17) Docket No. MC95-1, Smith Workpaper Part VII
- (18) Docket No. R97-1, USPS LR-H-185
- (19) (9) \* (16) \* (17) / (18)
- (20) Sum (14)
- (21) Sum (19)

Mixed ADC	0.568	0.879
ADC	2.919	
3-Digit	1.225	
5-Digit	0.768	