

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O			
1	Filing Date (Note 1):		6/16/2017															
2	Filing Entity:		Ace Telephone Association - Minnesota															
3	Transmittal Number:		5															
4																		
5																		
6																		
7	TY 2012-2013 Eligible Recovery (Note 2)								TY 2013-2014 Eligible Recovery									
8		Interstate	Intrastate	Net Rec. Comp.	TRS Increment	Regulatory-Fees Increment	NANPA Increment	Total	Interstate	Intrastate	Net Rec. Comp.	TRS Increment	Regulatory-Fees Increment	NANPA Increment	Total			
9	COSA	2016 RoR ILEC Interstate Rates, cell F12	2016 RoR ILEC Intrastate Rates, cell G11	2016 RoR ILEC Rec. Comp. Rates, cell E11	Input	Input	Input	B+C+D+E+F+G	2016 RoR ILEC Interstate Rates, cell H12	2016 RoR ILEC Intrastate Rates, cell I11	2016 RoR ILEC Rec. Comp. Rates, cell G11	Input	Input	Input	I+J+K+L+M+N			
10	361,346	480,995	113,428	50,231				644,654	412,387	182,196	47,720				642,303			
11								0							0			
12								0							0			
13								0							0			
14								0							0			
15								0							0			
16								0							0			
17								0							0			
18								0							0			
19								0							0			
20								0							0			
21								0							0			
22								0							0			
23								0							0			
24								0							0			
25								0							0			
26								0							0			
27								0							0			
28								0							0			
29								0							0			
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33								0							0			
34								0							0			
35								0							0			
36								0							0			
37								0							0			
38								0							0			
39								0							0			
40																		
41	Total Eligible Recovery								644,654								642,303	

	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1																
2																
3																
4																
5																
6																
7	TY 2014-2015 Eligible Recovery															
8	Interstate (After True- Up)	Intrastate (After True- Up)	Net Rec. Comp. (After True- Up)	TRS Increment	Regulatory- Fees Increment	NANPA Increment	ARC True-Up for TY 2012- 2013	TRS Increment True-Up for TY 2012-2013	Regulatory- Fees Increment True-Up for TY 2012-2013	NANPA Increment True-Up for TY 2012-2013	Double Recovery Adjustment	Total Eligible Recovery After True-Up	Interstate (After True- Up)	Intrastate (After True- Up)	Net Rec. Comp. (After True-Up)	TRS Increment
9	2016 RoR ILEC Interstate Rates, cell J12	2016 RoR ILEC Intrastate Rates, cell K11	2016 RoR ILEC Rec. Comp. Rates, cell I11	Input	Input	Input	2014 True Up Final, Summary by Study Area, Column E	Input	Input	Input	Input (Note 4)	Sum of Columns P to Z	2016 RoR ILEC Interstate Rates, cell L12	2016 RoR ILEC Intrastate Rates, cell M11	2016 RoR ILEC Rec. Comp. Rates, cell K11	Input
10	448,342	238,299	45,334	15,360	0	0	-53	6,553	0	0	0	753,835	527,778	228,592	43,067	14,700
11												0				
12												0				
13												0				
14												0				
15												0				
16												0				
17												0				
18												0				
19												0				
20												0				
21												0				
22												0				
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24												0				
25												0				
26												0				
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28												0				
29												0				
30												0				
31												0				
32												0				
33												0				
34												0				
35												0				
36												0				
37												0				
38												0				
39												0				
40																
41													753,835			

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
1															
2															
3															
4															
5															
6															
7	TY 2015-2016 Eligible Recovery														
8	Regulatory-Fees Increment	NANPA Increment	ARC True-Up for TY 2013-2014	TRS Increment True-Up for TY 2013-2014	Regulatory-Fees Increment True-Up for TY 2013-2014	NANPA Increment True-Up for TY 2013-2014	Double Recovery Adjustment	Total Eligible Recovery After True-Up Excluding Unrecoverable True-Up Revenue (Note 5)	Interstate Revenue True-Up for TY 2013-2014	Intrastate Revenue True-Up for TY 2013-2014	Recip. Comp. Revenue True-Up for TY 2013-2014	Recip. Comp. Expense True-Up for TY 2013-2014	Total True-Up for TY 2013-2014	TY 2013-2014 Unrecoverable True-Up Revenue	Total Eligible Recovery After True-Up Including Otherwise Unrecoverable True-Up Revenue (Note 6)
9	Input	Input	2015 True Up Final, Summary by Study Area, Column E	Input	Input	Input	Input (Note 4)	Sum of Columns AB to AL	2016 RoR ILEC Interstate Rates, cell L11	2016 RoR ILEC Intrastate Rates, cell M10	2016 RoR ILEC Rec. Comp. Rates, cell K8	2016 RoR ILEC Rec. Comp. Rates, cell K10	AH+AI+AJ+AK+AN+AO+AP-AQ	AR-AM or 0	AM+AS
10	0	0	1,101	8,607	0	0	0	823,845	35,274	-18,376	0	0	26,606	0	840,743
11								0					0	0	0
12								0					0	0	0
13								0					0	0	0
14								0					0	0	0
15								0					0	0	0
16								0					0	0	0
17								0					0	0	0
18								0					0	0	0
19								0					0	0	0
20								0					0	0	0
21								0					0	0	0
22								0					0	0	0
23								0					0	0	0
24								0					0	0	0
25								0					0	0	0
26								0					0	0	0
27								0					0	0	0
28								0					0	0	0
29								0					0	0	0
30								0					0	0	0
31								0					0	0	0
32								0					0	0	0
33								0					0	0	0
34								0					0	0	0
35								0					0	0	0
36								0					0	0	0
37								0					0	0	0
38								0					0	0	0
39								0					0	0	0
40															
41								823,845						0	840,743

	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ
1																
2																
3																
4																
5																
6																
7	TY 2016-2017 Eligible Recovery															
8	TY 2013-2014 Eligible Recovery Refund (Note 7)	Interstate (After True- Up)	Intrastate (After True- Up)	Net Rec. Comp. (After True-Up)	TRS Increment	Regulatory- Fees Increment	NANPA Increment	ARC True-Up for TY 2014- 2015	TRS Increment True-Up for TY 2014-2015	Regulatory- Fees Increment True-Up for TY 2014-2015	NANPA Increment True-Up for TY 2014- 2015	Double Recovery Adjustment	Total Eligible Recovery After True-Up Excluding Unrecoverable True-Up Revenue (Note 5)	Interstate Revenue True- Up for TY 2014-2015	Intrastate Revenue True- Up for TY 2014-2015	Recip. Comp. Revenue True- Up for TY 2014- 2015
9	MIN( AR  or  SUM(AB to AL) ) or 0	2016 RoR ILEC Interstate Rates, cell N12	2016 RoR ILEC Intrastate Rates, cell O11	2016 RoR ILEC Rec. Comp. Rates, cell M11	Input	Input	Input	2016 True Up Final, Summary by Study Area, Column E	Input	Input	Input	Input (Note 4)	Sum of Columns AV to BF	2016 RoR ILEC Interstate Rates, cell N11	2016 RoR ILEC Intrastate Rates, cell O10	2016 RoR ILEC Rec. Comp. Rates, cell M8
10	0	641,427	231,186	40,914	21,336	0	0	3,173	5,355	0	0	0	943,390	31,514	-15,529	0
11	0												0			
12	0												0			
13	0												0			
14	0												0			
15	0												0			
16	0												0			
17	0												0			
18	0												0			
19	0												0			
20	0												0			
21	0												0			
22	0												0			
23	0												0			
24	0												0			
25	0												0			
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27	0												0			
28	0												0			
29	0												0			
30	0												0			
31	0												0			
32	0												0			
33	0												0			
34	0												0			
35	0												0			
36	0												0			
37	0												0			
38	0												0			
39	0												0			
40																
41	0												943,390			

	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ
1																
2																
3																
4																
5																
6																
7	TY 2017-2018 Eligible Recovery (N															
8	Recip. Comp. Expense True-Up for TY 2014-2015	Total True-Up for TY 2014-2015	TY 2014-2015 Unrecoverable True-Up Revenue	Total Eligible Recovery After True-Up Including Otherwise Unrecoverable True-Up Revenue (Note 6)	TY 2014-2015 Eligible Recovery Refund (Note 8)	Interstate (After True-Up)	Intrastate (After True-Up)	Net Rec. Comp. (After True-Up)	TRS Increment	Regulatory-Fees Increment	NANPA Increment	ARC True-Up for TY 2015-2016	TRS Increment True-Up for TY 2015-2016	Regulatory-Fees Increment True-Up for TY 2015-2016	NANPA Increment True-Up for TY 2015-2016	Double Recovery Adjustment
9	2016 RoR ILEC Rec. Comp. Rates, cell M10	BB+BC+BD+BE+BH+BI+BJ+BK	BL-BG-BF or 0	BG+BM	MIN( BL  or  SUM(AV to BF) ) or 0	2017 RoR ILEC Interstate Rates, cell BC12	2017 RoR ILEC Intrastate Rates, cell Q11	2017 RoR ILEC Rec. Comp. Rates, cell O11	Input	Input	Input	2017 True Up Final, Summary by Study Area, Column E	Input	Input	Input	Input (Note 4)
10	0	24,513	0	959,376	0	652,354	218,347	38,868	22,718	0	0	353	7,356	0	0	0
11		0	0	0	0											
12		0	0	0	0											
13		0	0	0	0											
14		0	0	0	0											
15		0	0	0	0											
16		0	0	0	0											
17		0	0	0	0											
18		0	0	0	0											
19		0	0	0	0											
20		0	0	0	0											
21		0	0	0	0											
22		0	0	0	0											
23		0	0	0	0											
24		0	0	0	0											
25		0	0	0	0											
26		0	0	0	0											
27		0	0	0	0											
28		0	0	0	0											
29		0	0	0	0											
30		0	0	0	0											
31		0	0	0	0											
32		0	0	0	0											
33		0	0	0	0											
34		0	0	0	0											
35		0	0	0	0											
36		0	0	0	0											
37		0	0	0	0											
38		0	0	0	0											
39		0	0	0	0											
40																
41			0	959,376	0											

	CA	CB	CC	CD	CE	CF	CG	CH	CI
1									
2									
3									
4									
5									
6									
7	Note 3)								
8	Total Eligible Recovery After True-Up Excluding Unrecoverable True-Up Revenue (Note 5)	Interstate Revenue True-Up for TY 2015-2016	Intrastate Revenue True-Up for TY 2015-2016	Recip. Comp. Revenue True-Up for TY 2015-2016	Recip. Comp. Expense True-Up for TY 2015-2016	Total True-Up for TY 2015-2016	TY 2015-2016 Unrecoverable True-Up Revenue	Total Eligible Recovery After True-Up Including Otherwise Unrecoverable True-Up Revenue (Note 6)	TY 2015-2016 Eligible Recovery Refund (Note 8)
9	Sum of Columns BP to BZ	2017 RoR ILEC Interstate Rates, cell BC11	2017 RoR ILEC Intrastate Rates, cell Q10	2017 RoR ILEC Rec. Comp. Rates, cell O8	2017 RoR ILEC Rec. Comp. Rates, cell O10	BV+BW+BX+BY+CB+CC+CD-CE	CF-CA-BZ or 0	CA+CG	MIN( CF  or  SUM(BP to BZ) ) or 0
10	939,996	24,585	-23,142	0	0	9,152	0	941,439	0
11	0					0	0	0	0
12	0					0	0	0	0
13	0					0	0	0	0
14	0					0	0	0	0
15	0					0	0	0	0
16	0					0	0	0	0
17	0					0	0	0	0
18	0					0	0	0	0
19	0					0	0	0	0
20	0					0	0	0	0
21	0					0	0	0	0
22	0					0	0	0	0
23	0					0	0	0	0
24	0					0	0	0	0
25	0					0	0	0	0
26	0					0	0	0	0
27	0					0	0	0	0
28	0					0	0	0	0
29	0					0	0	0	0
30	0					0	0	0	0
31	0					0	0	0	0
32	0					0	0	0	0
33	0					0	0	0	0
34	0					0	0	0	0
35	0					0	0	0	0
36	0					0	0	0	0
37	0					0	0	0	0
38	0					0	0	0	0
39	0					0	0	0	0
40									
41	939,996						0	941,439	0

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Filing Date:	6/16/2017																				
2	Filing Entity:	Ace Telephone Association - Minnesota																				
3	Transmittal Number:	5																				
4	COSA (Note 1):	361346																				
5																						
6																						
7	Most Recently Filed Interstate Switched Access Revenue Requirement																					
8	TY Baseline Adjustment Factor (BAF)																					
9	BAF X Most Recently Filed Interstate Switched Access Revenue Requirement																					
10	Total Expected Maximum Interstate Revenue																					
11	Interstate True-up Adjustment																					
12	Interstate Eligible Recovery																					
13																						
14																						
15	Interstate Tariff Section	USOC	Interstate Switched Access Rate Element	Unit of Demand (e.g., MOU or DS1)	12/29/11 Interstate Rate	7/3/2012 Proposed Rate	TY 2012-2013 Expected Units	TY 2012-2013 Expected Maximum Revenue	TY 2012-2013 Proposed Rate	TY 2013-2014 Expected Units	TY 2013-2014 Expected Maximum Revenue	TY 2012-2013 Actual Realized Units	TY 2012-2013 Expected Units Less Actual Realized Units	TY 2012-2013 Maximum Revenue	TY 2012-2013 True-Up Revenue	FY 2011 Originating and Terminating End Office Units	End Office Price- Out with 12/29/2011 Rates and FY 2011 Units	7/1/2014 Proposed Terminating End Office Rate	TY 2014-2015 Expected Terminating End Office Units	TY 2014-2015 Expected Maximum Terminating End Office Revenue	7/1/2014 Proposed Rate Other Than Proposed Terminating End Office Rate	TY 2014-2015 Expected Units Other Than Terminating End Office Units
16	Input	Input	Input (Note 2)	Input	Input	Input	Input	E*G	Input	Input	E*J	Input (Note 5)	G-L	Input (Notes 6, 7)	E*M or H74-N74	Input	E*P	W9 or Input (Notes 8, 9, 10)	Input	R*S	Input (Note 11)	Input
17			***END OFFICE ACCESS SERVICE***																			
18			Composite End Office Terminating Rate	MOU	----	----	----	----	----	----	----	----	----	----	----	----	----	#DIV/0!		#DIV/0!	----	----
19			** LOCAL SWITCHING **																			
20							0				0		0	----	0		0			0		
21							0				0		0	----	0		0			0		
22							0				0		0	----	0		0			0		
23							0				0		0	----	0		0			0		
24							0				0		0	----	0		0			0		
25			** INFORMATION **																			
26							0				0		0	----	0		0			0		
27							0				0		0	----	0		0			0		
28							0				0		0	----	0		0			0		
29							0				0		0	----	0		0			0		
30							0				0		0	----	0		0			0		
31			** TANDEM-SWITCHED TRANSPORT AND TANDEM **																			
32							0				0		0	----	0		0			0		
33							0				0		0	----	0		0			0		
34							0				0		0	----	0		0			0		
35							0				0		0	----	0		0			0		
36							0				0		0	----	0		0			0		
37			** SIGNALING FOR TANDEM SWITCHING **																			
38							0				0		0	----	0		0			0		
39							0				0		0	----	0		0			0		
40							0				0		0	----	0		0			0		
41							0				0		0	----	0		0			0		
42							0				0		0	----	0		0			0		
43			** DIRECT-TRUNKED TRANSPORT **																			
44							0				0		0	----	0		0			0		
45							0				0		0	----	0		0			0		
46							0				0		0	----	0		0			0		
47							0				0		0	----	0		0			0		
48							0				0		0	----	0		0			0		
49			** DEDICATED SIGNALING TRANSPORT **																			
50							0				0		0	----	0		0			0		
51							0				0		0	----	0		0			0		
52							0				0		0	----	0		0			0		
53							0				0		0	----	0		0			0		
54							0				0		0	----	0		0			0		
55			** ENTRANCE FACILITIES **																			
56							0				0		0	----	0		0			0		
57							0				0		0	----	0		0			0		
58							0				0		0	----	0		0			0		
59							0				0		0	----	0		0			0		
60							0				0		0	----	0		0			0		
61			** LINE INFORMATION DATABASE **																			
62							0				0		0	----	0		0			0		
63							0				0		0	----	0		0			0		
64							0				0		0	----	0		0			0		
65							0				0		0	----	0		0			0		
66							0				0		0	----	0		0			0		
67			** BILLING NAME AND ADDRESS **																			
68							0				0		0	----	0		0			0		
69							0				0		0	----	0		0			0		
70							0				0		0	----	0		0			0		
71							0				0		0	----	0		0			0		
72							0				0		0	----	0		0			0		
73							0				0		0	----	0		0			0		
74	Total						0				0		0		0		0			#DIV/0!		

Interstate Composite Terminating			TY 2014:
End Office Originating and Terminating Revenue at 12/29/2011 Rates and FY 2011 Demand			Q74
FY 2011 Originating and Terminating Local Switching MOU			Input
2011 Baseline Composite Terminating End Office Rate			W6/W7
TY Target Composite Terminating End Office Rate			W8 (W6-W7) or W9
TY Expected Maximum Terminating End Office Revenue			T74
TY Expected Terminating Local Switching MOU			Input
TY Effective Composite Terminating End Office Rate (to determine compliance)			W10/W11

1	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU
2																									
3																									
4	nd Office Rate Calculations (Note 4)																								
5	2015	TY 2015-2016				TY 2016-2017				TY 2017-2018															
6	0	Q74	0	Q74	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7	0	W7	0	W7	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8	#DIV/0!	Y6/Y7	#DIV/0!	AA6/AA7	#DIV/0!	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9	#DIV/0!	.005+((Y6-.005)/3) or Y8	#DIV/0!	.005 or AA8	#DIV/0!	8007+((.005-.0007)*2/3) or AA9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10	#DIV/0!	AE74	#DIV/0!	AE74	#DIV/0!	BE74	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11	#DIV/0!	Input	#DIV/0!	Input	#DIV/0!	Input	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12	#DIV/0!	Y10/Y11	#DIV/0!	AA10/AA11	#DIV/0!	AC10/AC11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
13																									
14	TY 2015-2016 Interstate Rate and Eligible Recovery Calculations												TY 2016-2017 Interstate Rate and Eligible Recovery Calculations												
15	TY 2014-2015 Expected Maximum Revenue Other Than Terminating End Office Revenue	TY 2014-2015 Total Expected Maximum Revenue	TY 2013-2014 Actual Realized Units	TY 2013-2014 Expected Units Less Actual Realized Units	TY 2013-2014 Maximum Revenue	TY 2013-2014 True-Up Revenue	7/1/2015 Proposed Terminating End Office Rate	TY 2015-2016 Expected Terminating End Office Units	TY 2015-2016 Expected Maximum Terminating End Office Revenue	7/1/2015 Proposed Rate Other Than Proposed Terminating End Office Rate	TY 2015-2016 Expected Units Other Than Terminating End Office Units	TY 2015-2016 Expected Maximum Revenue Other Than Terminating End Office Revenue	TY 2015-2016 Total Expected Maximum Revenue	TY 2014-2015 Actual Realized Terminating End Office Units	TY 2014-2015 Expected Terminating End Office Units Less Actual Realized Units	TY 2014-2015 Actual Realized Units Other Than Terminating End Office Units	TY 2014-2015 Expected Units Other Than Terminating End Office Units Less Actual Realized Units	TY 2014-2015 Maximum Revenue	TY 2014-2015 True-Up Revenue	7/1/2016 Proposed Terminating End Office Rate	TY 2016-2017 Expected Terminating End Office Units	TY 2016-2017 Expected Maximum Terminating End Office Revenue	7/1/2016 Proposed Rate Other Than Proposed Terminating End Office Rate	TY 2016-2017 Expected Units Other Than Terminating End Office Units	TY 2016-2017 Expected Maximum Revenue Other Than Terminating End Office Revenue
16	U*V	T or T+W or W	Input (Note 12)	J-Y	Input (Notes 13, 14)	E*Z or K74-AA74	Y9 or Input (Notes 15, 16, 17)	Input	AC*AD	Input (Note 18)	Input	AF*AG	AE or AE+AH or AH	Input (Note 19)	S-AJ	Input (Note 19)	V-AL	Input (Notes 20, 21)	R*AK or (R*AK)+(U*AM ) or U*AM or (T74+W74)- AN74	AA9 or Input (Notes 22, 23, 24)	Input	AP*AQ	Input (Note 25)	Input	AS*AT
17	---	#DIV/0!	---	---	---	---	#DIV/0!	#DIV/0!	---	---	---	#DIV/0!	0	---	---	---	#DIV/0!	#DIV/0!	---	#DIV/0!	---	---	---	---	---
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						



	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ
1															
2															
3															
4															
5															
6		Interstate Eligible Recovery Summary (continued from cell N6)													
7		Most Recently Filed Interstate Switched Access Revenue Requirement TY Baseline Adjustment Factor (BAF) BAF X Most Recently Filed Interstate Switched Access Revenue Requirement Total Expected Maximum Interstate Revenue Interstate True-up Adjustment Interstate Eligible Recovery					TY 2017-2018								
8							F7	1,118,501							
9							.95*6	0.7351							
10							BC7*BC8	822,201							
11							8B74	169,847							
12			8B74	0											
13			BC9-8C10+BC11					652,354							
14		TY 2017-2018 Interstate Rate and Eligible Recovery Calculations													
15		TY 2016-2017 Total Expected Maximum Revenue	TY 2015-2016 Actual Realized Terminating End Office Units	TY 2015-2016 Expected Terminating End Office Units Less Actual Realized Units	TY 2015-2016 Actual Realized Units Other Than Terminating End Office Units	TY 2015-2016 Expected Units Other Than Terminating End Office Units Less Actual Realized Units	TY 2015-2016 Maximum Revenue	TY 2015-2016 True-Up Revenue	7/1/2017 Proposed Terminating End Office Rate	TY 2017-2018 Expected Terminating End Office Units	TY 2017-2018 Expected Maximum Terminating End Office Revenue	7/1/2017 Proposed Rate Other Than Proposed Terminating End Office Rate	TY 2017-2018 Expected Units Other Than Terminating End Office Units	TY 2017-2018 Expected Maximum Revenue Other Than Terminating End Office Revenue	TY 2017-2018 Total Expected Maximum Revenue
16		AR or AR+AU or AU	Input (Note 26)	AD-AW	Input (Note 28)	AG-AY	Input (Notes 27, 28)	AC*AX or (AC*AX)+(AF*A Z) or AF*AZ or (AE74+AH74)- BA74	AC9 or Input (Notes 29, 30, 31)	Input	BC*BD	Input (Note 32)	Input	BF*BG	BE or BE+BH or BH
17															
18		#DIV/0!		0				#DIV/0!	#DIV/0!		#DIV/0!				#DIV/0!
19															
20		0		0		0		0			0			0	0
21		0		0		0		0			0			0	0
22		0		0		0		0			0			0	0
23		0		0		0		0			0			0	0
24		0		0		0		0			0			0	0
25															
26		0		0		0		0			0			0	0
27		0		0		0		0			0			0	0
28		0		0		0		0			0			0	0
29		0		0		0		0			0			0	0
30		0		0		0		0			0			0	0
31															
32		0				0		0						0	0
33		0				0		0						0	0
34		0				0		0						0	0
35		0				0		0						0	0
36		0				0		0						0	0
37															
38		0				0		0						0	0
39		0				0		0						0	0
40		0				0		0						0	0
41		0				0		0						0	0
42		0				0		0						0	0
43															
44		0				0		0						0	0
45		0				0		0						0	0
46		0				0		0						0	0
47		0				0		0						0	0
48		0				0		0						0	0
49															
50		0				0		0						0	0
51		0				0		0						0	0
52		0				0		0						0	0
53		0				0		0						0	0
54		0				0		0						0	0
55															
56		0				0		0						0	0
57		0				0		0						0	0
58		0				0		0						0	0
59		0				0		0						0	0
60		0				0		0						0	0
61															
62		0				0		0						0	0
63		0				0		0						0	0
64		0				0		0						0	0
65		0				0		0						0	0
66		0				0		0						0	0
67															
68		0				0		0						0	0
69		0				0		0						0	0
70		0				0		0						0	0
71		0				0		0						0	0
72		0				0		0						0	0
73															
74		#DIV/0!						#DIV/0!		#DIV/0!				0	#DIV/0!

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Filing Date:	6/16/2017																		
2	Filing Entity:	Ace Telephone Association - Minnesota																		
3	Transmittal Number:	5																		
4	COSA:	361346																		
5																				
6																				
7	Total FY 2011 Actual Revenue for Transitional Intrastate Access Service Rate Elements				TY 2012-2013 (Note 2)		TY 2013-2014		TY 2014-2015		TY 2015-2016		TY 2016-2017		TY 2017-2018 (Note 3)					
8	Baseline Adjustment Factor X Total FY 2011 Actual Revenue for Transitional Intrastate Access Service Rate Elements				Sum of Col. O	345,759	Sum of Col. O	345,759	Sum of Col. O	345,759	Sum of Col. O	345,759	Sum of Col. O	345,759	Sum of Col. O	345,759				
9	Total Expected Maximum Transitional Intrastate Access Service Revenue				Sum of Col. P	328,471	0.95*0.95*17	312,047	.95*.95*.95*K7	296,445	.95*.95*.95*M7	281,623	.95*5*Q7	267,542	.95*6*Q7	254,165				
10	Intrastate True-up Adjustment				Sum of Col. R	215,043	Sum of Col. X	129,851	Sum of Col. AG	79,598	Sum of Col. AO	53,031	Sum of Col. AW	36,356	Sum of Col. BE	35,818				
11	Total Intrastate Eligible Recovery				NA		NA		AB69	0	AK69	0	A569	0	BA69	0				
12					Sum of Col. S	113,428	18-19	182,196	K8-K9+K10	216,847	M8-M9+M10	228,592	O8-O9+O10	231,186	Q8-Q9+Q10	218,347				
13	TY 2012-2013 Intrastate Rate and Eligible Recovery Calculations																			TY 2013-
14	Intrastate Tariff Section	Interstate Tariff Section	USOC	Intrastate and Interstate Switched Access Rate Elements for Transitional Intrastate Access Service Categories	Unit of Demand (e.g., MOU or DS1)	12/29/2011 Intrastate Rate	12/29/2011 Interstate Rate	FY 2011 Intrastate Units: Terminating for Non-Dedicated or Originating and Terminating for Dedicated Elements	Intrastate Price-Out with 12/29/2011 Rates and FY 2011 Units	Interstate Price-Out with 12/29/2011 Rates and FY 2011 Units	50% of Price Out Difference	7/3/2012 Proposed Intrastate Rate	Intrastate Price-Out with 7/3/2012 Proposed Rates and FY 2011 Units	Intrastate Price-Out Difference	FY 2011 Actual Intrastate Revenue	95% of FY 2011 Actual Intrastate Revenue	TY 2012-2013 Expected Intrastate Units	TY 2012-2013 Expected Maximum Intrastate Revenue	TY 2012-2013 Intrastate Eligible Recovery	7/2/2013 Proposed Intrastate Rate
15	Input	Input	Input	Input (Note 1)	Input	Input	Input	Input	F*H	G*H	.5*(I-J)	Input	L*H	I-M	Input	.95*O	Input	L*Q	P-R	Input
16	** TERMINATING END OFFICE ACCESS SERVICE **																			
17	Composite End Office Terminating Rate				MOU															
18	Terminating Carrier Common Line																			
19									0	0	0		0	0		0		0	0	0
20									0	0	0		0	0		0		0	0	0
21									0	0	0		0	0		0		0	0	0
22									0	0	0		0	0		0		0	0	0
23									0	0	0		0	0		0		0	0	0
24	Terminating Local Switching								0	0	0		0	0		0		0	0	0
25									0	0	0		0	0		0		0	0	0
26									0	0	0		0	0		0		0	0	0
27									0	0	0		0	0		0		0	0	0
28									0	0	0		0	0		0		0	0	0
29									0	0	0		0	0		0		0	0	0
30	Terminating Other (e.g., information surcharge, Transport or Residual Interconnection Charges)								0	0	0		0	0		0		0	0	0
31									0	0	0		0	0		0		0	0	0
32									0	0	0		0	0		0		0	0	0
33									0	0	0		0	0		0		0	0	0
34									0	0	0		0	0		0		0	0	0
35									0	0	0		0	0		0		0	0	0
36	** TERMINATING TANDEM-SWITCHED TRANSPORT ACCESS SERVICE **																			
37	Terminating Tandem-Switched Common Transport																			
38									0	0	0		0	0		0		0	0	0
39									0	0	0		0	0		0		0	0	0
40									0	0	0		0	0		0		0	0	0
41									0	0	0		0	0		0		0	0	0
42									0	0	0		0	0		0		0	0	0
43	Terminating Tandem Switching								0	0	0		0	0		0		0	0	0
44									0	0	0		0	0		0		0	0	0
45									0	0	0		0	0		0		0	0	0
46									0	0	0		0	0		0		0	0	0
47									0	0	0		0	0		0		0	0	0
48									0	0	0		0	0		0		0	0	0
49	** ORIGINATING AND TERMINATING DEDICATED TRANSPORT ACCESS SERVICE **																			
50	Originating and Terminating Entrance Facilities								0	0	0		0	0		0		0	0	0
51									0	0	0		0	0		0		0	0	0
52									0	0	0		0	0		0		0	0	0
53									0	0	0		0	0		0		0	0	0
54									0	0	0		0	0		0		0	0	0
55																				
56	Originating and Terminating Tandem-Switched Dedicated Transport																			
57									0	0	0		0	0		0		0	0	0
58									0	0	0		0	0		0		0	0	0
59									0	0	0		0	0		0		0	0	0
60									0	0	0		0	0		0		0	0	0
61									0	0	0		0	0		0		0	0	0
62	Originating and Terminating Direct-Trunked Transport								0	0	0		0	0		0		0	0	0
63									0	0	0		0	0		0		0	0	0
64									0	0	0		0	0		0		0	0	0
65									0	0	0		0	0		0		0	0	0
66									0	0	0		0	0		0		0	0	0
67									0	0	0		0	0		0		0	0	0
68																				
69	Total								0	0	0		0	0	345,759	328,471		0	0	

	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13	2014 Intrastate Rate and Eligible Recovery Calculations				TY 2014-2015 Intrastate Rate and Eligible Recovery Calculations									TY 2015-2016 Intrastate Rate and Eligible Recovery Calculations							
	Intrastate Price-Out with 7/2/2013 Proposed Rates and FY 2011 Units	Intrastate Price-Out Difference	TY 2013-2014 Expected Intrastate Units	TY 2013-2014 Expected Maximum Intrastate Revenue	TY 2012-2013 Actual Realized Intrastate Units	TY 2012-2013 Expected Intrastate Units Less Actual Realized Intrastate Units	TY 2012-2013 Maximum Intrastate Revenue	TY 2012-2013 True-Up Intrastate Revenue	Intrastate Terminating End Office Fixed Rate at 7/2/2013 Level	7/1/2014 Proposed Interstate Terminating End Office Rate	7/1/2014 Proposed Intrastate Rate	TY 2014-2015 Expected Intrastate Units	TY 2014-2015 Expected Maximum Intrastate Revenue	TY 2013-2014 Actual Realized Intrastate Units	TY 2013-2014 Expected Intrastate Units Less Actual Realized Intrastate Units	TY 2013-2014 Maximum Intrastate Revenue	TY 2013-2014 True-Up Intrastate Revenue	7/1/2015 Proposed Interstate Terminating End Office Rate	7/1/2015 Proposed Intrastate Rate	TY 2015-2016 Expected Intrastate Units	TY 2015-2016 Expected Maximum Intrastate Revenue
14																					
15	T*H	I-U	Input	T*W	Input (Note 4)	Q-Y	Input (Notes 5, 6)	L*Z or R69-AA69	Input (Note 7)	Input from 2014 RoR ILEC Interstate Rates, column R, or 2014 RoR ILEC Interstate Rates, R18 (Notes 8 and 9)	Min(AC or AD) or Min(T or AD) or AD17 or T	Input	AE*AF	Input (Note 10)	W-AH	Input (Notes 11, 12)	T*AI or X69-AJ69	Input from 2015 RoR ILEC Interstate Rates, column AC, or 2015 RoR ILEC Interstate Rates, AC18 (Notes 13, 14)	Min(AE or AI) or AI17 or AE	Input	AM*AN
16										#DIV/0!	#DIV/0!		#DIV/0!					#DIV/0!	#DIV/0!		#DIV/0!
17																					
18																					
19	0	0		0		0		0							0		0				
20	0	0		0		0		0							0		0				
21	0	0		0		0		0							0		0				
22	0	0		0		0		0							0		0				
23	0	0		0		0		0							0		0				
24																					
25	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
26	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
27	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
28	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
29	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
30																					
31	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
32	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
33	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
34	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
35	0	0		0		0		0			#DIV/0!	#DIV/0!	#DIV/0!		0		0		#DIV/0!		#DIV/0!
36																					
37																					
38	0	0		0		0		0				0		0		0		0		0	0
39	0	0		0		0		0				0		0		0		0		0	0
40	0	0		0		0		0				0		0		0		0		0	0
41	0	0		0		0		0				0		0		0		0		0	0
42	0	0		0		0		0				0		0		0		0		0	0
43																					
44	0	0		0		0		0				0		0		0		0		0	0
45	0	0		0		0		0				0		0		0		0		0	0
46	0	0		0		0		0				0		0		0		0		0	0
47	0	0		0		0		0				0		0		0		0		0	0
48	0	0		0		0		0				0		0		0		0		0	0
49																					
50	0	0		0		0		0				0		0		0		0		0	0
51	0	0		0		0		0				0		0		0		0		0	0
52	0	0		0		0		0				0		0		0		0		0	0
53	0	0		0		0		0				0		0		0		0		0	0
54	0	0		0		0		0				0		0		0		0		0	0
55																					
56																					
57	0	0		0		0		0				0		0		0		0		0	0
58	0	0		0		0		0				0		0		0		0		0	0
59	0	0		0		0		0				0		0		0		0		0	0
60	0	0		0		0		0				0		0		0		0		0	0
61	0	0		0		0		0				0		0		0		0		0	0
62																					
63	0	0		0		0		0				0		0		0		0		0	0
64	0	0		0		0		0				0		0		0		0		0	0
65	0	0		0		0		0				0		0		0		0		0	0
66	0	0		0		0		0				0		0		0		0		0	0
67	0	0		0		0		0				0		0		0		0		0	0
68																					
69	0	0		0				0				#DIV/0!					0				#DIV/0!





	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU
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14																								
15	TY 2014-2015 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations												TY 2015-2016 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations											
16	TY 2012-2013 Actual Realized Demand	TY 2012-2013 Expected Demand Less Actual Realized Demand	TY 2012-2013 Revenue	TY 2012-2013 True-Up Revenue	July 1, 2014 Rate	Price Out with July 1, 2014 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2014-2015 Expected Demand	TY 2014-2015 Expected Revenue	85.74% of FY 2011 Revenue	TY 2014-2015 Recomp. Eligible Recovery Revenue	TY 2013-2014 Actual Realized Demand	TY 2013-2014 Expected Demand Less Actual Realized Demand	TY 2013-2014 Revenue	TY 2013-2014 True-Up Revenue	July 1, 2015 Rate	Price Out with July 1, 2015 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2015-2016 Expected Demand	TY 2015-2016 Expected Revenue	81.45% of FY 2011 Revenue	TY 2015-2016 Recomp. Eligible Recovery Revenue
17	Input (Note 4)	L-X	Input (Notes 5 and 6)	H*Y or M22-Z22	Min P or G-((G-.005/3); P; or Min P or G-AF34	AB*C	B-AC	(AD/B)*100	Input	AB*AF	.95*.95*.95*B	AH-AG	Input (Note 8)	T-AJ	Input (Notes 9 and 10)	P*AK or U22-AL22	.005+((G-.005/3); AB; or Min AB or G-AK34	AN*C	B-AO	(AP/B)*100	Input	AN*AR	.95*4*B	AT-AS
18		0	----	0	0.000000	0	52.875	N/A		0	45.334	45.334		0	----	0	0.000000	0	52.875	N/A	0	43.067	43.067	
19		0	----	0	0.000000	0	0	N/A		0	0	0		0	----	0	0.000000	0	0	N/A	0	0	0	
20		0	----	0	0.000000	0	0	N/A		0	0	0		0	----	0	0.000000	0	0	N/A	0	0	0	
21		0	----	0	0.000000	0	0	N/A		0	0	0		0	----	0	0.000000	0	0	N/A	0	0	0	
22				0		0	52.875	100.00%		0	45.334	45.334				0		0	52.875	100.00%		0	43.067	43.067
23																								
24																								
25	TY 2014-2015 Reciprocal Compensation Eligible Recovery Expense Calculations												TY 2015-2016 Reciprocal Compensation Eligible Recovery Expense Calculations											
26	TY 2012-2013 Actual Realized MOU	TY 2012-2013 Expected MOU Less Actual Realized MOU	TY 2012-2013 Expense	TY 2012-2013 True-Up Expense	% Revenue Difference	July 1, 2014 Rate	TY 2014-2015 Expected MOU	TY 2014-2015 Expected Expense	85.74% of FY 2011 Expense	TY 2014-2015 Recomp. Eligible Recovery Expense			TY 2013-2014 Actual Realized MOU	TY 2013-2014 Expected MOU Less Actual Realized MOU	TY 2013-2014 Expense	TY 2013-2014 True-Up Expense	% Revenue Difference	July 1, 2015 Rate	TY 2015-2016 Expected MOU	TY 2015-2016 Expected Expense	81.45% of FY 2011 Expense	TY 2015-2016 Recomp. Eligible Recovery Expense		
27	Input (Note 7)	G-X	Input	F*Y or H-Z	AE22	D*(1-AB)	Input	AC*AD	.95*.95*.95*B	AF-AE			Input (Note 11)	R-AJ	Input	Q*AK or S-AL	AQ22	D*(1-AN)	Input	AO*AP	.95*4*B	AR-AQ		
28		0		0	100.00%	0.000000		0	0					0		0	100.00%	0.000000		0	0	0		
29																								
30	Interstate Composite Terminating End Office Rate Decrease																							
31																								
32	TY 2014-2015				TY 2015-2016				TY 2016-2017				TY 2016-2017				TY 2016-2017				TY 2016-2017			
33	2011 Baseline Composite Terminating End Office Rate				2016 RoR ILEC Interstate Rates, cell W8				2016 RoR ILEC Interstate Rates, cell Y8				2016 RoR ILEC Interstate Rates, cell AA8				2017 RoR ILEC Interstate Rates, cell AA8				2017 RoR ILEC Interstate Rates, cell AC9			
34	Target Composite Terminating End Office Rate				2016 RoR ILEC Interstate Rates, cell W9				2016 RoR ILEC Interstate Rates, cell Y9				2016 RoR ILEC Interstate Rates, cell AA9				2017 RoR ILEC Interstate Rates, cell AC9				2017 RoR ILEC Interstate Rates, cell AC9			
	Difference				AF32-AF33				AK32-AK33				AP32-AP33				AU32-AU33				AU32-AU33			

	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BI	BK	BL	BM	BN	BO	BP	BQ	BR	BS
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15	TY 2016-2017 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations												TY 2017-2018 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations											
16	TY 2014-2015 Actual Realized Demand	TY 2014-2015 Expected Demand Less Actual Realized Demand	TY 2014-2015 Revenue	TY 2014-2015 True-Up Revenue	July 1, 2016 Rate	Price Out with July 1, 2016 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2016-2017 Expected Demand	TY 2016-2017 Expected Revenue	77.38% of FY 2011 Revenue	TY 2016-2017 Rec. Comp. Eligible Recovery Revenue	TY 2015-2016 Actual Realized Demand	TY 2015-2016 Expected Demand Less Actual Realized Demand	TY 2015-2016 Revenue	TY 2015-2016 True-Up Revenue	July 1, 2017 Rate	Price Out with July 1, 2017 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2017-2018 Expected Demand	TY 2017-2018 Expected Revenue	73.51% of FY 2011 Revenue	TY 2017-2018 Rec. Comp. Eligible Recovery Revenue
17	Input (Note 12)	AF-AV	Input (Notes 13 and 14)	AB*AW or AG22-AX22	Min AN or .005; AN; or Min AN or G-AP34	AZ*C	B-BA	(BB/B)*100	Input	AZ*BD	.95*5*B	BF-BE	Input (Note 16)	AR-BH	Input (Notes 17 and 18)	AN*BI or AS22 BJ22	MIN (AZ or .0007)+(.05-.0007)*2/3; AZ; or Min AZ or G-AU34	BL*C	B-BM	(BN/B)*100	Input	BL*BP	.95*6*B	BR-BQ
18		0	----	0	0.000000	0	52.875	N/A		0	40,914	40,914		0	----	0	0.000000	0	50,231	N/A		0	38,868	38,868
19		0	----	0	0.000000	0	0	N/A		0	0	0		0	----	0	0.000000	0	0	N/A		0	0	0
20		0	----	0	0.000000	0	0	N/A		0	0	0		0	----	0	0.000000	0	0	N/A		0	0	0
21		0	----	0	0.000000	0	0	N/A		0	0	0		0	----	0	0.000000	0	0	N/A		0	0	0
22				0		0	52.875	100.00%		0	40,914	40,914				0		0	50,231	95.00%		0	38,868	38,868
23																								
24																								
25	TY 2016-2017 Reciprocal Compensation Eligible Recovery Expense Calculations												TY 2017-2018 Reciprocal Compensation Eligible Recovery Expense Calculations											
26	TY 2014-2015 Actual Realized MOU	TY 2014-2015 Expected MOU Less Actual Realized MOU	TY 2014-2015 Expense	TY 2014-2015 True-Up Expense	% Revenue Difference	July 1, 2016 Rate	TY 2016-2017 Expected MOU	TY 2016-2017 Expected Expense	77.38% of FY 2011 Expense			TY 2016-2017 Rec. Comp. Eligible Recovery Expense	TY 2015-2016 Actual Realized MOU	TY 2015-2016 Expected MOU Less Actual Realized MOU	TY 2015-2016 Expense	TY 2015-2016 True-Up Expense	% Revenue Difference	July 1, 2017 Rate	TY 2017-2018 Expected MOU	TY 2017-2018 Expected Expense	73.51% of FY 2011 Expense		TY 2017-2018 Rec. Comp. Eligible Recovery Expense	
27	Input (Note 15)	AE-AV	Input	AC*AW or AE-AX	BC22	D*(1-AZ)	Input	BA*BB	.95*5*B			BD-BC	Input (Note 19)	AP-BH	Input		BC22	D*(1-BL)	Input	BM*BN	.95*6*B		BP-BO	
28		0		0	100.00%	0.000000		0		0		0		0			95.00%	0.000000		0		0	0	