

Citizens Telecommunications Companies - Group #3

CMT Basket

Rate Element Detail

Rate Elements	base period demand 2002	prices at last PCI update
	A	B
1 EUCL - Res. & SLB excl. Semi-Public, 2nd Res.	216,795	4.43
2 EUCL - Lifeline	1,833	4.43
3 EUCL - Secondary Residence	9,585	4.43
4 EUCL - BRI ISDN	0	4.43
5 EUCL - MLB & Centrex incl. Coin, excl. BRI ISDN	41,424	9.20
6 EUCL - PRI ISDN	0	46.00
7 EUCL - Special Access Surcharge	0	25.00
8 Port - BRI ISDN	0	0.00
9 Port - PRI ISDN	0	0.00
10 Subtotal EUCL Lines or Revenue	269,637	
11 PICC - MLB incl. Coin	21,745	4.31
12 PICC - Centrex (groups of 9+ lines)	239	0.48
13 PICC - Centrex (groups of 8 lines)	16	0.54
14 PICC - Centrex (groups of 7 lines)	7	0.62
15 PICC - Centrex (groups of 6 lines)	12	0.72
16 PICC - Centrex (groups of 5 lines)	40	0.86
17 PICC - Centrex (groups of 4 lines)	32	1.08
18 PICC - Centrex (groups of 3 lines)	54	1.44
19 PICC - Centrex (groups of 2 lines)	46	2.16
20 PICC - PRI ISDN	0	21.55
21 Subtotal PICC Lines or Revenue	22,191	
22 CCL Premium Terminating MOU	27,041,661	0.00000000
24 CCL Non Premium Terminating MOU	0	0.00000000
23 CCL Premium Originating MOU	11,589,283	0.00000000
25 CCL Non Premium Originating MOU	0	0.00000000
26 Total CCL MOU or Revenues	38,630,944	
27 Total CMT Basket Revenues excluding USAC Receipts		
28 USAC Receipts	269,637	
29 CMT per line Revenues		
30 Other CMT revenues		
31 Total CMT Basket Revenues including USAC Receipts		
32 Pooling Revenues Included in CMT per line Revenues		
33 Total CMT Lines/CMT Rev. Per Line Excl. Pooling	269,637	

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CMT Basket

USAC Support Detail

base period
demand

Type of Support/Study Area		COSA A	2002 B
Residence & Single Line Business			
1	Ogden Telephone	CTOG	228,213
2	Total Residence & Single Line Business		228,213
Multiline Business			
3	Ogden Telephone	CTOG	41,424
4	Total Multiline Business		41,424
5	Total for Tariff Unit		269,637

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2002 A	prices in effect at last PCI update B
Local Switching Service Category:			
1	LS1 Premium Local Switching per Minute	34,363	0.00709489
2	LS2 Premium Local Switching per Minute	38,596,581	0.00709489
3	Non Premium Local Switching per Minute	0	0.00709489
4	Switched 56Kpbs	0	0.01600500
5	Network Blocking - per Blocked Call (FGB, FGC, FGD &	0	0.03590000
6	Carrier Identification Parameter, per trunk group	0	50.00
7	Carrier Identification Parmeter NRC	0	65.00
8	IC CIC Consolidation Charge	0	0.00
9	Operator Transfer Service	0	0.20
10	NXX Translation NRC, per order	0	221.00
11	500 NXX Translation per End Office	0	221.00
12	900 Blocking--Residence--Add Blocking	0	11.20
13	900 Blocking--Residence--Remove Blocking	0	0.00
14	900 Blocking--Business--Add Blocking	0	11.20
15	900 Blocking--Business--Remove Blocking	0	0.00
16	International Blocking	0	19.95
17	SUB-TOTAL, Local Switching		

SBI Calculation:

18	SBI(py) = SBI on last day of previous tariff year
19	Proposed PCI (Non-Exogenous Only)
20	PCI(py) = PCI on last day of previous tariff year
21	SBI Upper(t-1)
22	ATS Targeting to Switching
23	Exogenous Cost Change factor for SBI
24	SBI(t-1) = Immed. preceeding SBI
25	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio

Source / Comments:

Trans. 140
Exhibit 2.3-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.3-3, Line 1
1 + (Line 22 / Line 17 Col. E)
Trans. 140
Col. G Line 17 / Col. F Line 17

26	SBI(t)	= SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 24 * Line 25
27	SBI Upper Limit		Line 18 * (Line 19 / Line 20) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2002 A	prices in effect at last PCI update B
Information Services Category:			
1	Information Surcharge--Premium	0	0.00000000
2	Information Surcharge--Non Premium	0	0.00000000
3	SUB-TOTAL, Information		

SBI Calculation:

4 SBI(py) = SBI on last day of previous tariff year
5 Proposed PCI (Non-Exogenous Only)
6 PCI(py) = PCI on last day of previous tariff year
7 SBI Upper(t-1)
8 ATS Targeting to Information
9 Exogenous Cost Change factor for SBI

Source / Comments:

Trans. 140
Exhibit 2.3-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.3-3, Line 2
1 + (Line 8 / Line 3 Col. E)

10 SBI(t-1) = Immed. preceeding SBI
11 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio

Trans. 140
Col. G Line 3 / Col. F Line 3

12 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]
13 SBI Upper Limit

Line 10 * Line 11
Line 4 * (Line 5 / Line 6) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2002 A	prices in effect at last PCI update B
800 Data Base - Vertical Features			
1	no services currently provided		
2	SUB-TOTAL, 800 DB Vertical Features		

SBI Calculation:

3 SBI(py) = SBI on last day of previous tariff year
4 Proposed PCI (Non-Exogenous Only)
5 PCI(py) = PCI on last day of previous tariff year
6 SBI Upper(t-1)
7 Undesig Exog Chg Targeted to Database Access
8 Exogenous Cost Change factor for SBI

Source / Comments:

Trans. 140
Exhibit 2.3-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.3-2, Line 5
1 + (Line 7 / Exhibit 3.3-6 Line 3 Col.

9 SBI(t-1) = Immed. preceeding SBI
10 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio

Trans. 140
Col. G Line 2 / Col. F Line 2

11	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 9 * Line 10
12	SBI Upper Limit	Line 3 * (Line 4 / Line 5) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2002 A	prices in effect at last PCI update B
Database Access			
1	800 DB Query Charge	0	0.01500000
2	SUB-TOTAL, 800 Database Basic		
3	SUB-TOTAL, Database Access		

SBI Calculation:

Source / Commen

4	SBI(py) = SBI on last day of previous tariff year	Trans. 140
5	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
6	PCI(py) = PCI on last day of previous tariff year	Trans. 140
7	SBI Upper(t-1)	Trans. 140
8	Exogenous Change Targeted to Database Access	Exhibit 1.3-2, Line 5
9	Exogenous Cost Change factor for SBI	1 + (Line 8 / Line 3 Col. E)
10	SBI(t-1) = Immed. preceeding SBI	Trans. 140
11	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 3 / Col. F Line 3
12	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 10 * Line 11
13	SBI Upper Limit	Line 4 * (Line 5 / Line 6) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2002 A	prices in effect at last PCI update B
Billing Name & Address			
1	BNA per order	0	28.00
2	BNA Found/Each	0	0.40
3	BNA Not Found/Each	0	0.40
4	SUB-TOTAL, BNA		

SBI Calculation:

Source / Comments:

5	SBI(py) = SBI on last day of previous tariff year	Trans. 140
6	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
7	PCI(py) = PCI on last day of previous tariff year	Trans. 140
8	SBI Upper(t-1)	Trans. 140
9	Exogenous Change Targeted to BNA	Exhibit 1.3-2, Line 10
10	Exogenous Cost Change factor for SBI	1 + (Line 9 / Line 4 Col. E)

11	$SBI(t-1) = \text{Immed. preceeding SBI}$	Trans. 140
12	$\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$	Col. G Line 4 / Col. F Line 4
13	$SBI(t) = SBI(t-1) * \text{Sum}[V * P(t) / P(t-1)]$	Line 11 * Line 12
14	SBI Upper Limit	Line 5 * (Line 6 / Line 7) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices in effect at last PCI update B
Trunk Ports		
1 Shared DS1 Port Charge - per MOU	38,018,705	0.00100000
2 Multiplexers - (Trunk Side of End Office) - per MOU	38,018,456	0.00020000
3 Dedicated VG (DSO) Port Charge	0	7.39
4 Dedicated DS1 Port Charge	12.27	177.19
5 Dedicated DS3 Port Charge	0.00	4,961.53
6 SUB-TOTAL, Trunk Ports		

SBI Calculation:

7	$SBI(py) = \text{SBI on last day of previous tariff year}$
8	Proposed PCI (Non-Exogenous Only)
9	$PCI(py) = \text{PCI on last day of previous tariff year}$
10	$SBI \text{ Upper}(t-1)$
11	ATS Targeting to Trunk Ports
12	Exogenous Cost Change factor for SBI
13	$SBI(t-1) = \text{Immed. preceeding SBI}$
14	$\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$
15	$SBI(t) = SBI(t-1) * \text{Sum}[V * P(t) / P(t-1)]$
16	SBI Upper Limit

Source / Comments:

Trans. 140
Exhibit 2.3-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.3-3, Line 3
1 + (Line 11 / Line 6 Col. E)
Trans. 140
Col. G Line 6 / Col. F Line 6
Line 13 * Line 14
Line 7 * (Line 8 / Line 9) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices in effect at last PCI update B
STP Ports		
1 no services currently provided		
2 SUB-TOTAL, STP Ports		

SBI Calculation:

3	$SBI(py) = \text{SBI on last day of previous tariff year}$
4	Proposed PCI (Non-Exogenous Only)
5	$PCI(py) = \text{PCI on last day of previous tariff year}$
6	$SBI \text{ Upper}(t-1)$

Source / Comments:

Trans. 140
Exhibit 2.3-2, Line 11
Trans. 140
Trans. 140

7	ATS Targeting to STP Ports	Exhibit 1.3-3, Line 4
8	Exogenous Cost Change factor for SBI	1 + (Line 7 / Line 2 Col. E)
9	SBI(t-1) = Immed. preceeding SBI	Trans. 140
10	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 2 / Col. F Line 2
11	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 9 * Line 10
12	SBI Upper Limit	Line 3 * (Line 4 / Line 5) * 1.05

13 GRAND TOTAL, Traffic Sensitive Basket

Traffic Sensitive Basket API Calculation:		Source / Comments:
14	API(t-1) = Immediately Preceeding API	Trans. 140
15	[SUM (v)*(P(t)/P(t-1))] = API wtd. price ratio	Col. G Line 13 / Col. F Line 13
16	API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]	Line 14 * Line 15

Citizens Telecommunications Companies - Group #3

Trunking Basket
Rate Element Detail

Rate Elements	base period volumes 2002	prices in effect at last PCI update
	A	B
Tandem Switched Transport Service Category:		
1 Termination - per Termination, per minute	52,571,487	0.00050000
2 Facility - per Mile, per minute	205,460,800	0.00005000
3 Tandem Switching per minute	0	0.00000000
4 Shared Mux DS3 to DS1, per MOU	0	0.00054000
5 Voice Grade Tandem Trunk Port	0.00	7.39
6 DS1 Tandem Trunk Port	0.00	177.19
7 DS3 Tandem Trunk Port	0.00	4,961.53

8 SUB-TOTAL, Tandem Switched Transport

Tandem Switched Transport SBI Calculation:		Source / Comments:
9	SBI(py) = SBI on last day of previous tariff year	Trans. 140
10	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
11	PCI(py) = PCI on last day of previous tariff year	Trans. 140
12	SBI Upper(t-1)	Trans. 140
13	ATS Targeting to Tandem Transport	Exhibit 1.3-3, Line 6
14	Exogenous Cost Change factor for SBI	1 + (Line 13 / Line 8 Col. E)
15	SBI(t-1) = Immed. preceeding SBI	Trans. 140
16	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 8 / Col. F Line 8
17	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 15 * Line 16
18	SBI Upper Limit	Line 9 * (Line 10 / Line 11) * 1.02

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Trunking Basket
Rate Element Detail

Rate Elements	base period volumes 2002 A	prices at last PCI update B
Voice Grade Service Category: Non-Density Zone		
1 VG Entrance facility -- 2 Wire	0.00	12.41
2 VG Entrance facility -- 4 Wire	0.00	19.98
3 VG Direct Trunked Termination	0.00	16.79
4 VG Direct Trunked Facility	0.00	3.00
5 VG Entrance Facility -- NRC	0	250.00
6 VG Dir Tr. Transport, per 24 Trunks Activated	0	50.90
7 VG Dir. Trk. Transport Activated, per service order	0	110.00
8 SUB-TOTAL, Voice Grade		

Voice Grade SBI Calculation:	Source / Comments:
9 SBI(py) = SBI on last day of previous tariff year	Trans. 140
10 Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
11 PCI(py) = PCI on last day of previous tariff year	Trans. 140
12 SBI Upper(t-1)	Trans. 140
13 ATS Targeting to Voice Grade	Exhibit 1.3-3, Line 7
14 Exogenous Cost Change factor for SBI	1 + (Line 13 / Line 8 Col. E)
15 SBI(t-1) = Immed. preceeding SBI	Trans. 140
16 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 8 / Col. F Line 8
17 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 15 * Line 16
18 SBI Upper Limit	Line 9 * (Line 10 / Line 11) * 1.05

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Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices at last PCI update B
High Capacity & Other Service Category:		
DS 1 Non-Density Zone:		
1 DS1 Entrance facility	48.00	91.72
2 DS1 Direct Trunked Termination	12.27	100.74
3 DS1 Direct Trunked Facility	35.58	39.07
4 Mux DS1 to voice	7.74	263.00
5 Mux DS1 to voice -- NRC	0	417.00
6 DS1 Entrance Facility -- NRC	0	250.00
7 DS1 Dir Tr. Transport, per 24 Trunks Activated	0	50.90
8 DS1 Dir. Trk. Transport Activated, per service order	0	110.00
6 SUB-TOTAL, DS1 Service		

DS1 Subindex Calculation:	Source / Comments:
7 SBI(py) = SBI on last day of previous tariff year	Trans. 140

8	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
9	PCI(py) = PCI on last day of previous tariff year	Trans. 140
10	SBI Upper(t-1)	Trans. 140
11	ATS Targeting to DS1	Exhibit 1.3-3, Line 8
12	Exogenous Cost Change factor for SBI	1 + (Line 11 / Line 6 Col. E)
13	SBI(t-1) = Immed. preceeding SBI	Trans. 140
14	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 6 / Col. F Line 6
15	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 13 * Line 14
16	SBI Upper Limit	Line 7 * (Line 8 / Line 9) * 1.05

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Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices at last PCI update B
DS 3 Non-Density Zone:		
1 DS3 Entrance facility	0	
2 DS3 Direct Trunked Termination	0	
3 DS3 Direct Trunked Facility	0	
4 Mux DS3 to DS1, per month	0.00	1,406.16
5 Mux DS3 to DS1 -- NRC	0.00	1,297.00
6 DS3 Entrance Facility -- NRC	0	
7 DS3 Dir Tr. Transport, per 24 Trunks Activated	0	50.90
8 DS3 Dir. Trk. Transport Activated, per service order	0	
9 SUB-Total, DS3 Service		

DS3 Subindex Calculation:

10	SBI(py) = SBI on last day of previous tariff year	Trans. 140
11	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
12	PCI(py) = PCI on last day of previous tariff year	Trans. 140
13	SBI Upper(t-1)	Trans. 140
14	ATS Targeting to DS3	Exhibit 1.3-3, Line 9
15	Exogenous Cost Change factor for SBI	1 + (Line 14 / Line 9 Col. E)
16	SBI(t-1) = Immed. preceeding SBI	Trans. 140
17	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 9 / Col. F Line 9
18	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 16 * Line 17
19	SBI Upper Limit	Line 10 * (Line 11 / Line 12) * 1.05

Source / Comments:

Citizens Telecommunications Companies - Group #3

Trunking Basket

Rate Element Detail

base period volumes 2002	prices at last PCI update
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	Rate Elements	A	B
Other			
1	no services currently provided		
2	SUB-TOTAL, Other High Cap		
3	SUB-TOTAL, High Capacity & Other		
High Cap & Other SBI Calculation:		Source / Comments:	
4	SBI(py) = SBI on last day of previous tariff year	Trans. 140	
5	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11	
6	PCI(py) = PCI on last day of previous tariff year	Trans. 140	
7	SBI Upper(t-1)	Trans. 140	
8	ATS Targeting to High Capacity	Exhibit 1.3-3, Sum of Lines 8..10	
9	Exogenous Cost Change factor for SBI	1 + (Line 8 / Line 3 Col. E)	
10	SBI(t-1) = Immed. preceeding SBI	Trans. 140	
11	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 3 / Col. F Line 3	
12	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 10 * Line 11	
13	SBI Upper Limit	Line 4 * (Line 5 / Line 6) * 1.05	
14	GRAND TOTAL, Trunking Basket		
Trunking Basket API Calculation:		Source / Comments:	
15	API(t-1) = Immediately Preceeding API	Trans. 140	
16	[SUM (v) * (P(t) / P(t-1))] = API wtd.price ratio	Col. G Line 14 / Col. F Line 14	
17	API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]	Line 15 * Line 16	

Citizens Telecommunications Companies - Group #3

Special Access Basket

Rate Element Detail

	base period volumes 2002	prices at last PCI update
Rate Elements	A	B
VG/WATS/Metal/Teleg Service Category:		
1 VG Channel Termination, 2 Wire	36	12.41
2 VG Channel Termination, 4 Wire	110	19.98
3 Metallic Channel Termination	0	12.41
4 VG Channel Mileage Termination, per term.	146	12.00
5 Metallic Channel Mileage Termination, per term.	0	16.79
6 VG Channel Mileage Facility, per mile	337	2.00
7 Metallic Channel Mileage Facility, per mile	0	3.00
8 VG Channel Term 2W NRC, per termination	1	250.00
9 VG Channel Term 4W NRC, per termination	0	250.00
10 VG 2W/4W Channel Term NRC, per order	1	110.00
11 VG data bridging 2W/4W	0	6.15

12	VG Voice bridging, 2W/4W	0	6.15
13	Metallic Channel Term NRC, per termination	0	250.00
14	Metallic Channel Term NRC, per order	0	110.00

15 SUB-TOTAL, VG/WATS/METLL/TELEG

VG/WATS/Metallic/Teleg. SBI Calculation:		Source / Comments:	
16	SBI(py) = SBI on last day of previous tariff year	Trans. 140	
17	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11	
18	PCI(py) = PCI on last day of previous tariff year	Trans. 140	
19	SBI Upper(t-1)	Trans. 140	
20	Exogenous Change Targeted to Voice Grade	Exhibit 1.3-2, Line 14	
21	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.3-2, Line 19	
22	Exogenous Cost Change factor for SBI	1 + (Line 20 / Line 15 Col. E) + (Line 21 / Line 15 Col. E)	
23	SBI(t-1) = Immed. preceeding SBI	Trans. 140	
24	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 15 / Col. F Line 15	
25	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 23 * Line 24	
26	SBI Upper Limit	Line 16 * (Line 17 / Line 18) * 1.05	

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Special Access Basket
Rate Element Detail

Rate Elements	base period	prices at
	volumes 2002 A	last PCI update B

Audio/Video Service Category:

1 no services currently provided

2 SUB-TOTAL, Audio/Video

Audio/Video SBI Calculation:		Source / Comments:	
3	SBI(py) = SBI on last day of previous tariff year	Trans. 140	
4	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11	
5	PCI(py) = PCI on last day of previous tariff year	Trans. 140	
6	SBI Upper(t-1)	Trans. 140	
7	Exogenous Change Targeted to Audio/Video	Exhibit 1.3-2, Line 15	
8	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.3-2, Line 19	
9	Exogenous Cost Change factor for SBI	1 + (Line 7 / Line 2 Col. E) + (Line 8 / Line 2 Col. E)	
10	SBI(t-1) = Immed. preceeding SBI	Trans. 140	
11	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 2 / Col. F Line 2	
12	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 10 * Line 11	
13	SBI Upper Limit	Line 3 * (Line 4 / Line 5) * 1.05	

Citizens Telecommunications Companies - Group #3

Special Access Basket
Rate Element Detail

base period prices at

Rate Elements	volumes 2002 A	last PCI update B
High Capacity/DDS Service Category:		
DS 1 Non-Density Zone:		
1 DS1 Channel Termination	744	150.00
2 DS1 Channel Mileage Termination	700	60.04
3 DS1 Channel Mileage Facility	1,911	25.22
4 DS1 Channel Termination NRC per termination	8	415.00
5 DS1 Channel Termination NRC per order	5	130.59
6 Mux DS1 to voice	0	263.00
7 Mux DS1 to voice NRC	0	417.00
8 Mux DS1 to DS0	0	263.00
9 Mux DS1 to DS0 NRC	0	417.00
10 SUB-TOTAL, DS1 Service		

DS1 Subindex Calculation:	Source / Comments:
11 SBI(py) = SBI on last day of previous tariff year	Trans. 140
12 Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
13 PCI(py) = PCI on last day of previous tariff year	Trans. 140
14 SBI Upper(t-1)	Trans. 140
15 Exogenous Change Targeted to Hi Cap	Exhibit 1.3-2, Line 16
16 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.3-2, Line 19
17 Exogenous Cost Change factor for SBI	1 + (Line 15 / Exhibit 3.3-19Line 51 C
18 SBI(t-1) = Immed. preceeding SBI	Trans. 140
19 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 10 / Col. F Line 10
20 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 18 * Line 19
21 SBI Upper Limit	Line 11 * (Line 12 / Line 13) * 1.05

Citizens Telecommunications Companies - Group #3

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices at last PCI update B
DS 3 Non-Density Zone:		
1 DS3 Channel Termination	12	1,200.00
2 DS3 Channel Mileage Termination	12	850.00
3 DS3 Channel Mileage Facility	35	100.00
4 DS3 Channel Termination NRC per termination	0	3,410.00
5 DS3 Channel Termination NRC per order	0	415.00
6 Mux DS3 to DS1	0	1,406.16

7	Mux DS3 to DS1 NRC	0	1,297.00
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8	SUB-Total, DS3 Service		
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DS3 Subindex Calculation:

Source / Comments:

9	SBI(py) = SBI on last day of previous tariff year	Trans. 140
10	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
11	PCI(py) = PCI on last day of previous tariff year	Trans. 140
12	SBI Upper(t-1)	Trans. 140
13	Exogenous Change Targeted to Hi Cap	Exhibit 1.3-2, Line 16
14	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.3-2, Line 19
15	Exogenous Cost Change factor for SBI	1 + (Line 13 / Exhibit 3.3-19Line 51 C
16	SBI(t-1) = Immed. preceeding SBI	Trans. 140
17	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 8 / Col. F Line 8
18	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 16 * Line 17
19	SBI Upper Limit	Line 9 * (Line 10 / Line 11) * 1.05

Citizens Telecommunications Companies - Group #3

Special Access Basket

Rate Element Detail

	base period volumes 2002 A	prices at last PCI update B
Rate Elements		
DDS & Other		
1 DDS Channel Termination 2.4 Kbps	0	23.05
2 DDS Channel Termination 4.8 Kbps	0	23.05
3 DDS Channel Termination 9.6 Kbps	12	23.05
4 DDS Channel Termination 19.2 Kbps	0	23.05
5 DDS Channel Termination 56 Kbps	412	23.05
6 DDS Channel Termination 64 Kbps	0	23.05
7 OC-3 Channel Termination	0	3,200.00
8 OC-3c Channel Termination	0	3,000.00
9 DDS Channel Mileage Termination 2.4 Kbps	0	16.79
10 DDS Channel Mileage Termination 4.8 Kbps	0	16.79
11 DDS Channel Mileage Termination 9.6 Kbps	12	16.79
12 DDS Channel Mileage Termination 19.2 Kbps	0	16.79
13 DDS Channel Mileage Termination 56 Kbps	418	33.60
14 DDS Channel Mileage Termination 64 Kbps	0	33.60
15 OC-3 Channel Mileage Termination	0	2,000.00
16 OC-3c Channel Mileage Termination	0	2,000.00
17 DDS Channel Mileage Facility 2.4 Kbps	0	3.00
18 DDS Channel Mileage Facility 4.8 Kbps	0	3.00
19 DDS Channel Mileage Facility 9.6 Kbps	51	3.00
20 DDS Channel Mileage Facility 19.2 Kbps	0	3.00
21 DDS Channel Mileage Facility 56 Kbps	1,126	6.00
22 DDS Channel Mileage Facility 64 Kbps	0	6.00
23 OC-3 Channel Mileage Facility	0	280.00
24 OC-3c Channel Mileage Facility	0	280.00

25	DDS Channel Termination 2.4 Kbps NRC	0	250.00
26	DDS Channel Termination 4.8 Kbps NRC	0	250.00
27	DDS Channel Termination 9.6 Kbps NRC	0	250.00
28	DDS Channel Termination 19.2 Kbps NRC	0	250.00
29	DDS Channel Termination 56 Kbps NRC	0	250.00
30	DDS Channel Termination 64 Kbps NRC	0	250.00
31	DDS Channel Termination NRC per order	0	110.00
32	OC-3 to DS3 Multiplexing	0	1,500.00
33	OC-3 to DS1 Multiplexing	0	1,800.00
34	OC-3 to DS3 Multiplexing NRC	0	1,297.00
35	OC-3 to DS1 Multiplexing NRC	0	1,297.00
36	NID Replacement NRC	0	99.00
32	Service Date Change - NRC	0	150.00
33	Design Change Charge - NRC	0	150.00
34	Cancellation Charge - NRC	0	402.75
35	Add'l Engineering, per 1/2 hour, Basic	0	35.00
36	Add'l Engineering, per 1/2 hour, Overtime	0	52.50
37	Add'l Engineering, per 1/2 hour, Premium	0	70.00
38	Add'l Labor, per 1/2 hour per technician, Basic	0	23.51
39	Add'l Labor, per 1/2 hour per technician, Overtime	0	35.27
40	Add'l Labor, per 1/2 hour per technician, Premium	0	47.02
41	Add'l Testing, per 1/2 hour per technician, Basic	0	23.51
42	Add'l Testing, per 1/2 hour per technician, Overtime	0	35.27
43	Add'l Testing, per 1/2 hour per technician, Premium	0	47.02
44	Standby, per 1/2 hour per technician, Basic	0	23.51
45	Standby, per 1/2 hour per technician, Overtime	0	35.27
46	Standby, per 1/2 hour per technician, Premium	0	47.02
47	Programming, per 1/2 hour per programmer, Basic	0	23.51
48	Programming, per 1/2 hour per programmer, Overtime	0	35.27
49	Programming, per 1/2 hour per programmer, Premium	0	47.02

50 SUB-TOTAL, Other High Cap & DDS

51 SUB-TOTAL, High Capacity/DDS

High Cap/DDS SBI Calculation:

Source / Comments:

52	SBI(py) = SBI on last day of previous tariff year	Trans. 140
53	Proposed PCI (Non-Exogenous Only)	Exhibit 2.3-2, Line 11
54	PCI(py) = PCI on last day of previous tariff year	Trans. 140
55	SBI Upper(t-1)	Trans. 140
56	Exogenous Change Targeted to Hi Cap	Exhibit 1.3-2, Line 16
57	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.3-2, Line 19
58	Exogenous Cost Change factor for SBI	1 + (Line 56 / Line 51 Col. E) + (Line
59	SBI(t-1) = Immed. preceeding SBI	Trans. 140
60	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 51 / Col. F Line 51
61	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 59 * Line 60
62	SBI Upper Limit	Line 52 * (Line 53 / Line 54) * 1.05

63 GRAND TOTAL, Special Access Basket

Special Access Basket API Calculation:

Source / Comments:

64 $API(t-1)$ = Immediately Preceeding API
65 $[SUM(v) * (P(t) / P(t-1))] = API \text{ wtd.price ratio}$
66 $API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]$

Trans. 140
Col. G Line 63 / Col. F Line 63
Line 64 * Line 65

Trans. 151
Exhibit 3.3-1

existing prices C	Maximum Allowed prices D	proposed prices E	revenues at last PCI update F = A * B	revenues at existing prices G = A * C	revenues at maximum prices H = A * D
4.43	4.17	4.17	\$959,618	\$959,618	\$904,247
4.43	4.17	4.17	\$8,114	\$8,114	\$7,645
4.43	4.17	4.17	\$42,427	\$42,427	\$39,979
4.43	4.17	4.17	\$0	\$0	\$0
9.20	9.20	9.20	\$381,101	\$381,101	\$381,101
46.00	46.00	46.00	\$0	\$0	\$0
25.00	25.00	25.00	\$0	\$0	\$0
0.00	0.00	0.00	\$0	\$0	\$0
0.00	0.00	0.00	\$0	\$0	\$0
			\$1,391,259	\$1,391,259	\$1,332,972
4.31	4.31	4.31	\$93,721	\$93,721	\$93,721
0.48	0.48	0.48	\$114	\$114	\$114
0.54	0.54	0.54	\$9	\$9	\$9
0.62	0.62	0.62	\$4	\$4	\$4
0.72	0.72	0.72	\$9	\$9	\$9
0.86	0.86	0.86	\$34	\$34	\$34
1.08	1.08	1.08	\$34	\$34	\$34
1.44	1.44	1.44	\$78	\$78	\$78
2.16	2.16	2.16	\$99	\$99	\$99
21.55	21.55	21.55	\$0	\$0	\$0
			\$94,103	\$94,103	\$94,103
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
			\$0	\$0	\$0
			\$1,485,362	\$1,485,362	\$1,427,074
			\$0	\$0	\$0
			\$1,485,362	\$1,485,362	\$1,427,074
			\$0	\$0	\$0
			\$1,485,362	\$1,485,362	\$1,427,074
			\$0	\$0	\$302,425
			5.508746	5.508746	4.170976

Trans. 151
Exhibit 3.3-2

Current Support	Proposed Support	Current Total	Proposed Total
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Level C	Level D	Support E = B * C	Support F = B * D
0.0000	0.0000	0	0
		0	0
0.0000	0.0000	0	0
		0	0
		0	0

Trans. 151
Exhibit 3.3-3

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00709489	0.00709489	244	244	244	
0.00709489	0.00709489	273,838	273,838	273,838	
0.00709489	0.00709489	0	0	0	
0.01600500	0.01600500	0	0	0	
0.03590000	0.03590000	0	0	0	
50.00	50.00	0	0	0	
65.00	65.00	0	0	0	
0.00	0.00	0	0	0	
0.20	0.20	0	0	0	
221.00	221.00	0	0	0	
221.00	221.00	0	0	0	
11.20	11.20	0	0	0	
0.00	0.00	0	0	0	
11.20	11.20	0	0	0	
0.00	0.00	0	0	0	
19.95	19.95	0	0	0	
		\$274,082	\$274,082	\$274,082	

44.3275
40.7959
40.7959
46.5439
0
1.0000

44.3275
1.0000

44.3275
46.5439

Trans. 151
Exhibit 3.3-4

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00000000	0.00000000	0	0	0	
0.00000000	0.00000000	0	0	0	
		\$0	\$0	\$0	

0.0000
40.7959
40.7959
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 151
Exhibit 3.3-5

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
		0	0	0	
		\$0	\$0	\$0	

0.0000
40.7959
40.7959
0.0000
0
1.0000

0.0000
1.0000

. E)

0.0000
0.0000

Trans. 151
Exhibit 3.3-6

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.01500000	0.01500000	0	0	0	
		\$0	\$0	\$0	
		\$0	\$0	\$0	

0.0000
40.7959
40.7959
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 151
Exhibit 3.3-7

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
28.00	28.00	0	0	0	
0.40	0.40	0	0	0	
0.40	0.40	0	0	0	
		\$0	\$0	\$0	

0.0000
40.7959
40.7959
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 151
Exhibit 3.3-8

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00100000	0.00100000	38,019	38,019	38,019	
0.00020000	0.00020000	7,604	7,604	7,604	
7.39	7.39	0	0	0	
177.19	177.19	2,174	2,174	2,174	
4,961.53	4,961.53	0	0	0	
		\$47,797	\$47,797	\$47,797	

74.6735
40.7959
40.7959
78.4072
0
1.0000

74.6735
1.0000

74.6735
78.4072

Trans. 151
Exhibit 3.3-9

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
		0	0	0	
		\$0	\$0	\$0	

0.0000
40.7959
40.7959
0.0000

0
1.0000

0.0000
1.0000

0.0000
0.0000

\$321,879 \$321,879 \$321,879

40.7955
1.0000
40.7955

Trans. 151
Exhibit 3.3-10

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00050000	0.00050000	26,286	26,286	26,286	
0.00005000	0.00005000	10,273	10,273	10,273	
0.00000000	0.00000000	0	0	0	
0.00054000	0.00054000	0	0	0	
7.39	7.39	0	0	0	
177.19	177.19	0	0	0	
4,961.53	4,961.53	0	0	0	
		\$36,559	\$36,559	\$36,559	

60.4299
24.6757
24.6757
61.6385
0
1.0000

60.4299
1.0000

60.4299
61.6385

Trans. 151
Exhibit 3.3-11

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
12.41	12.41	0	0	0	
19.98	19.98	0	0	0	
16.79	16.79	0	0	0	
3.00	3.00	0	0	0	
250.00	250.00	0	0	0	
50.90	50.90	0	0	0	
110.00	110.00	0	0	0	
		\$0	\$0	\$0	

0.0000

24.6757

24.6757

0.0000

0

1.0000

0.0000

1.0000

0.0000

0.0000

Trans. 151
Exhibit 3.3-12

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
91.72	91.72	4,403	4,403	4,403	
100.74	100.74	1,236	1,236	1,236	
39.07	39.07	1,390	1,390	1,390	
263.00	263.00	2,036	2,036	2,036	
417.00	417.00	0	0	0	
250.00	250.00	0	0	0	
50.90	50.90	0	0	0	
110.00	110.00	0	0	0	
		\$9,064	\$9,064	\$9,064	

100.0000

24.6757
24.6757
105.0000
0
1.0000

100.0000
1.0000

100.0000
105.0000

Trans. 151
Exhibit 3.3-13

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
		0	0	0	
		0	0	0	
		0	0	0	
1,406.16	1,406.16	0	0	0	
1,297.00	1,297.00	0	0	0	
		0	0	0	
50.90	50.90	0	0	0	
		0	0	0	
		\$0	\$0	\$0	

0.0000
24.6757
24.6757
0.00000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 151
Exhibit 3.3-14

current prices	proposed prices	revenue at last PCI update	revenue at current prices	revenue at proposed prices	Index Calculation
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C	D	E = A * B	F = A * C	G = A * D	H
		0	0	0	
		\$0	\$0	\$0	
		\$9,064	\$9,064	\$9,064	

100.0000

24.6757

24.6757

105.0000

0

1.0000

100.0000

1.0000

100.0000

105.0000

		\$45,623	\$45,623	\$45,623	
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24.6755

1.0000

24.6755



Trans. 151

Exhibit 3.3-15

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
12.41	12.40	447	447	446	
19.98	19.88	2,198	2,198	2,187	
12.41	12.41	0	0	0	
12.00	12.00	1,752	1,752	1,752	
16.79	16.79	0	0	0	
2.00	2.00	673	673	673	
3.00	3.00	0	0	0	
250.00	250.00	250	250	250	
250.00	250.00	0	0	0	
110.00	110.00	110	110	110	
6.15	6.15	0	0	0	

6.15	6.15	0	0	0
250.00	250.00	0	0	0
110.00	110.00	0	0	0

		\$5,430	\$5,430	\$5,418
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82.0822
80.9036
80.9036
82.3099
0
(13,397)
0.9504

21 / Exhibit 3.3-19 Line 63 Col. E)

82.0822
0.9979

81.9104
81.9136

Trans. 151
Exhibit 3.3-16

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
		0	0	0	
		\$0	\$0	\$0	

0.0000
80.9036
80.9036
0.0000
0
(13,397)
1.0000

/ Exhibit 3.3-19 Line 63 Col. E)

0.0000
1.0000

0.0000
0.0000

Trans. 151
Exhibit 3.3-17

revenue revenue revenue

current prices C	proposed prices D	at last PCI update E = A * B	at current prices F = A * C	at proposed prices G = A * D	Index Calculation H
150.00	150.00	111,600	111,600	111,600	
60.04	60.00	42,028	42,028	42,000	
25.22	18.27	48,204	48,204	34,921	
415.00	415.00	3,320	3,320	3,320	
130.59	130.59	653	653	653	
263.00	263.00	0	0	0	
417.00	417.00	0	0	0	
263.00	263.00	0	0	0	
417.00	417.00	0	0	0	
		\$205,805	\$205,805	\$192,493	

	91.2814
	80.9036
	80.9036
	99.3314
	0
	(13,397)
Col. E) + (Line 16 / Exhibit 3.3-19 Line 63 Col. E)	0.9504
	91.2814
	0.9353
	85.3771
	91.0939

Trans. 151
Exhibit 3.3-18

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
1,200.00	1,200.00	14,400	14,400	14,400	
850.00	850.00	10,200	10,200	10,200	
100.00	98.00	3,480	3,480	3,410	
3,410.00	3,410.00	0	0	0	
415.00	415.00	0	0	0	
1,406.16	1,406.16	0	0	0	

1,297.00	1,297.00	0	0	0
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		\$28,080	\$28,080	\$28,010
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82.7967
80.9036
80.9036
83.1185
0
(13,397)
0.9504

Col. E) + (Line 14 / Exhibit 3.3-19 Line 63 Col. E)

82.7967
0.9975

82.5915
82.6266

Trans. 151
Exhibit 3.3-19

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
23.05	23.05	0	0	0	
23.05	23.05	0	0	0	
23.05	23.05	277	277	277	
23.05	23.05	0	0	0	
23.05	23.05	9,497	9,497	9,497	
23.05	23.05	0	0	0	
3,200.00	3,200.00	0	0	0	
3,000.00	3,000.00	0	0	0	
16.79	16.79	0	0	0	
16.79	16.79	0	0	0	
16.79	16.79	201	201	201	
16.79	16.79	0	0	0	
33.60	33.60	14,045	14,045	14,045	
33.60	33.60	0	0	0	
2,000.00	2,000.00	0	0	0	
2,000.00	2,000.00	0	0	0	
3.00	3.00	0	0	0	
3.00	3.00	0	0	0	
3.00	3.00	154	154	154	
3.00	3.00	0	0	0	
6.00	6.00	6,756	6,756	6,756	
6.00	6.00	0	0	0	
280.00	280.00	0	0	0	
280.00	280.00	0	0	0	

250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
110.00	110.00	0	0	0
1,500.00	1,500.00	0	0	0
1,800.00	1,800.00	0	0	0
1,297.00	1,297.00	0	0	0
1,297.00	1,297.00	0	0	0
99.00	99.00	0	0	0
150.00	150.00	0	0	0
150.00	150.00	0	0	0
402.75	402.75	0	0	0
35.00	35.00	0	0	0
52.50	52.50	0	0	0
70.00	70.00	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0

\$30,930	\$30,930	\$30,930
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\$264,816	\$264,816	\$251,434
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92.5090
 80.9036
 80.9036
 97.1990
 0
 (13,397)
 0.9504

92.5090
 0.9495

87.8343
92.3189

\$270,246	\$270,246	\$256,853
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57 / Line 63 Col. E)

80.8996

0.9504

76.8903