UNBUNDLED NETWORK ELEMENT RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted Updated July 2002

			Loop	Port		Tandem Switching
State	_	Density		Rate	Switching	and Transport
Access Lines	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
Alabama	BS	1	\$15.24	\$2.07	\$0.0017	\$0.0008
		2	\$24.75			Tandem Switching
		3	\$44.85			\$0.00045
0 000 005						Common Transport
2,008,385		Avg	\$19.04			
Alaska	ATU	1	\$14.92	\$4.27	\$0.006595	\$0.004712
						Tandem Switching
400 404						\$0.000416
183,484						Termination
	ACS	1	\$19.19	\$1.38	\$0.00203	\$0.00155
						Tandem Switching
						\$0.00023
42,811						Common Transport
Arizona	QW	1	\$18.96	\$1.61	\$0.0028	\$0.0014
		2	\$34.94			Tandem Switching
		3	\$56.53			\$0.00088
2,932,088		Avg	\$21.98			Common Transport
2,002,000		J				
Arkansas	SBC	3	\$11.86	\$1.61	\$0.001310	\$0.000789
		2 1	\$13.64		\$0.001690 \$0.002530	Tandem Switching \$0.000157-\$0.000196
		'	\$23.34		\$0.002550	plus per mile
1,069,214		Avg	\$13.09		\$0.001843	Common Transport
California	SBC	1	\$8.83	\$0.88	\$0.001817 set up	\$0.000234 set up
		2	\$11.27		\$0.000563	\$0.000139
		3	\$19.63		Originating	Tandem Switching
10 755 720		A	\$9.93		\$0.002142 set up	\$0.00133
18,755,730		Avg	\$9.93		\$0.000573 Terminating	Common Transport
					reminating	
Colorado	QW	1	\$5.91	\$1.86	\$0.00200	\$0.002007
		2	\$12.31			Tandem Switching
		3	\$32.79	\$1.48*		\$0.00131
2,867,692		Avg	\$15.85			Common Transport
		J				
Connecticut	SBC	1A	\$8.95	\$3.31	\$0.007151**	\$0.001984
		В	\$12.03			Tandem Switching
		С	\$13.28			
		D	\$19.69			
2,527,459		Avg	\$12.49			
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^{*}Port rate doesn't include vertical features.

^{**} On-NET Rate, includes shared transport.

		1	Loon	Dort		Tandom Cwitching
State		Density	Loop Rate	Port Rate	Switching	Tandem Switching and Transport
Access Lines	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
7100000 E11100	Company	201100	(por monar)	(por mornin)	(poi moo)	(por mos)
D.C.	VZ	1	\$10.81	\$1.55	\$0.003	\$0.001043
						Tandem Switching
924,593						\$0.00015
						Common Transport
Delaware	VZ	1	\$10.07	\$2.23	\$0.003634	\$0.0006688
		2	\$13.13		Originating	Tandem Switching
		3	\$16.67		\$0.001927	\$0.0001221
500.074		A	040.05		Terminating	Common Transport
598,874		Avg	\$12.05			
Florida	BS	1	\$12.79	\$1.40	\$0.0007662	\$0.0001319
		2	\$17.27			Tandem Switching
		3	\$33.36			\$0.0004372
6 700 200		۸۷۵	\$15.81			Common Transport
6,798,389		Avg	φ15.01			
Georgia	BS	1	\$14.21	\$1.85	\$0.001633	\$0.0006757
		2	\$16.41			Tandem Switching
		3	\$26.08			\$0.0002126
4 276 520		Δνα	\$16.51			Common Transport
4,376,539		Avg	\$10.51			
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$0.0076074	\$0.0012572
		Maui	\$17.23			Tandem Switching
		Hawaii	\$21.91			\$0.0002710
722,977						Common Transport
Idaho	QW	1	\$15.81	\$1.34	\$0.001733	\$0.00069
		2	\$24.01			Tandem Switching
		3	\$40.92			\$0.00111
504 707		A	600.40			Common Transport
561,707		Avg	\$20.42			
Illinois	SBC	1A	\$2.59	\$5.01	n/a	\$0.000215
		1B	\$7.07	Port rate		Tandem Switching
		1C	\$11.40	includes		\$0.000809
		2C	\$11.40	unlimited		Common Transport
6,953,854		Avg	\$9.81	switching		
		ŭ	,			
Indiana	SBC	3	\$8.03	\$5.34	\$0.003444	\$0.000307
		2	\$8.15			Tandem Switching
		1	\$8.99			\$0.00066
2,285,207		Avg	\$8.20			Common Transport
2,230,207		9	70.20			
Iowa	QW	1	\$13.11	\$1.15	\$0.00069	\$0.00069
		2	\$15.64			Tandem Switching
		3	\$27.27			\$0.00111
1,122,068		Avg	\$16.47			Common Transport
.,.22,000		9	Ţ.J.			

			Loop	Port		Tandem Switching
State		Density	Rate	Rate	Switching	and Transport
Access Lines	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
Kansas	SBC	3	\$11.86	\$1.61	\$0.00131	\$0.000789
		2	\$13.64		\$0.00169	Tandem Switching
		1	\$23.34		\$0.00253	\$0.000401-\$0.000475 Blended Transport
1,454,785		Avg	\$14.04			·
Kentucky	BS	1	\$10.56	\$1.49	\$0.001197	\$0.000194
		2	\$15.34			Tandem Switching
		3	\$31.11			\$0.0007466 Common Transport
1,258,957		Avg	\$18.41			·
Louisiana	BS	1	\$14.05	\$2.55	\$0.0021	\$0.0008
		2	\$24.14			Tandem Switching
		3	\$49.30			\$0.00047 Common Transport
2,418,203		Avg	\$17.31			Common Transport
Maine	VZ	1	\$11.44	\$0.94	\$0.00168	\$0.001221
		2	\$13.47			Tandem Switching
		3	\$18.75			\$0.001094 Day \$0.000322 Evening
724,630		Avg	\$16.19			\$0.000322 Evering \$0.0000 Night & W/end
,000		79	4.0			Common Transport
Maryland	VZ	A1	\$12.11	\$1.90	\$0.0038	\$0.000695
		A2	\$12.85			Tandem Switching
		B1 B2	\$25.96 \$18.40			\$0.000353 Common Transport
3,924,291		Avg	\$14.50			·
Massachusetts	VZ	1	\$7.54	\$2.00	\$0.004647-\$0.001872	\$0.00119 -\$0.000851
Maccachacotto	•	2	\$14.11	Ψ2.00	\$0.004724-\$0.001872	Tandem Switching
		3	\$16.12			\$0.002201-\$0.000489
		4	\$20.04			Common Transport
4,527,199		Avg	\$14.98			
Michigan	SBC	Α	\$8.47	\$2.53	\$0.001192	\$0.001058
		В	\$8.73			Tandem Switching
		С	\$12.54			\$0.000446 Common Transport
5,436,051		Avg	\$10.15			Common Transport
Minnesota	QW	1	\$8.81	\$1.08	\$0.00181	\$0.00134
		2	\$12.33			Tandem Switching
		3 4	\$14.48			\$0.001484
		4	\$21.91			Common Transport
2,354,431		Avg	\$17.87			
Mississippi	BS	1	\$15.58	\$2.11	\$0.0023771	\$0.0007834
		2	\$20.65			Tandem Switching
		3 4	\$29.51 \$38.94			\$0.0004281 Common Transport
1,356,519		Avg	\$21.26			7

			Loop	Port		Tandem Switching
State		Density		Rate	Switching	and Transport
Access Lines C	Company	Zones	(per Month)	(per Month)	(per MOÜ)	(per MOU)
Misser	CDC	4	£40.74	Φ4 74	#0.004C00	CO 004004
Missouri	SBC	1	\$12.71	\$1.74	\$0.001620	\$0.001231
		2	\$18.64	\$1.97	\$0.001949	Tandem Switching
		3	\$19.74	\$2.47	\$0.002807	\$0.000507-\$0.000697
		4	\$16.41	\$2.25	\$0.002391	Blended Transport
2,749,726		Avg	\$15.19	\$1.89		
Montana	QW	1	\$23.10	\$1.58	\$0.00069	\$0.000690
		2	\$23.90			Tandem Switching
		3	\$27.13			\$0.001110
		4	\$29.29			Common Transport
381,611		Avg	\$23.72			
Nebraska	QW	1	\$15.14	\$2.47	\$0.00069	\$0.00069
Nobraska	Q I I	2	\$35.05	Ψ2.17	Ψ0.00000	Tandem Switching
		3	\$77.92			\$0.001110
		3	Ψ11.32			Common Transport
510,773		Avg	\$17.51			Common Transport
Nevada	SBC	1	\$11.75	\$1.63	\$0.00161	\$0.00171
		2	\$22.66			Tandem Swtiching
		3	\$66.31			\$0.00727
						Common Transport
389,199		Avg	\$19.83			·
New Hampshire	VZ	1	\$14.01	\$2.51	\$0.010697-\$0.003888	\$0.001589-\$0.001386
		2	\$15.87	\$2.20		Tandem Switching
		3	\$24.09	\$2.21		\$0.001001-\$0.0000
004.044		A	£47.00	#0.00		Common Transport
801,344		Avg	\$17.99	\$2.22		
New Jersey	VZ	1	\$8.12	\$0.73	\$0.002773	\$0.000674
		2	\$9.59		Originating	Tandem Switching
		3	\$10.92			\$0.000085 & \$0.0000006 per mile
					Terminating	Common Transport
6,692,681		Avg	\$9.52			
New Mexico	QW	1	\$17.75	\$1.38	\$0.0011083	\$0.001616
		2	\$20.30			Tandem Switching
		3	\$26.23			\$0.001882
860,898		Avg	\$20.50			
New York	VZ	1	\$7.70	\$2.57*	\$0.00115	Common Transport \$0.000481
INGM LOLK	۷۷			φ∠.5/		
		2	\$11.31		Originating	Tandem Switching
		3	\$15.51	*\$4.57 standalone	\$0.00111 Terminating	\$0.000939 Common Transport
11,869,385		Avg	\$11.49	ψ 1 .57 StatiualUHE	Tominating	Common transport
North Carolina	BS	1	\$12.11	\$2.19	\$0.0017	\$0.0009
		2	\$21.24	•		Tandem Switching
		3	\$33.65			_
2 504 946		۸۰۰۰	¢1E 00			\$0.00034
2,594,816		Avg	\$15.88			Common Transport

State		Density	Loop Rate	Port Rate	Switching	Tandem Switching and Transport
Access Lines	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
North Dakota 215,193	QW	1 2 3	\$14.78 \$24.92 \$56.44 \$17.79	\$1.27	\$0.00069	\$0.00069 Tandem Switching \$0.001110 Common Transport
		Ů	·			
Ohio	SBC	B C D	\$5.93 \$7.97 \$9.52	\$4.63	\$0.003226	\$0.000689 Tandem Switching
4,103,686		Avg	\$7.01			
Oklahoma	SBC	3 2 1	\$12.14 \$13.65 \$26.25	\$2.18 \$2.21 \$2.58	\$0.002268 \$0.002516 \$0.0038	\$0.000956 Tandem Switching \$0.000607-\$0.000972 Blended Transport
1,737,875		Avg	\$14.84	\$2.25		
Oregon	QW	1 2 3	\$13.95 \$25.20 \$56.21	\$1.26	\$0.001330	\$0.001596 Tandem Switching \$0.001273 Common Transport
1,451,229		Avg	\$15.00			Common Transport
Pennsylvania	VZ	1 2 3 4	\$10.25 \$11.00 \$14.00 \$16.75	Option A: \$2.67 Option B:*** \$1.90	\$0.001802 Originating \$0.001615 Terminating	\$0.000795 Tandem Switching \$0.000144 & \$0.00003/mile Common Transport
6,395,835		Avg	\$13.81			
Rhode Island 660.645	VZ	1 2 3 Avg	\$11.19 \$15.44 \$19.13 \$13.93	\$1.86	\$0.001358 Originating \$0.001192 Terminating	\$0.001418 Tandem Switching \$0.001050 Common Transport
South Carolina	BS	1	\$14.94	\$1.65	\$0.0010519	\$0.0001634
South Carolina	ВЗ	2	\$21.39 \$26.72	w/all features	ф0.001051 9	\$0.0001034 Tandem Switching \$0.0004095
1,528,085		Avg	\$17.60	ψ0.0 γ		Common Transport
South Dakota	QW	1 2 3	\$17.01 \$18.54 \$24.37	\$1.84	\$0.003469	\$0.001748 Tandem Switching \$0.001388 Common Transport
276,180		Avg	\$21.09			
Tennessee 2,754,858	BS	1 2 3 Avg	\$13.19 \$17.23 \$22.53 \$14.92	\$1.89	\$0.0008041	\$0.0009778 Tandem Switching \$0.00038 Common Transport
, ,		_		Disability : "	vertical features e	

^{***} Option A includes all vertical features. Option B includes all vertical features except 3-way calling.

			Loop	Port		Tandem Switching
State		Density	Rate	Rate	Switching	and Transport
Access Lines	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
Texas	SBC	3	\$12.14	\$1.58	\$0.002116	\$0.000794
		2	\$13.65	\$2.47		Tandem Switching
		1	\$18.98	\$4.21		\$0.000123-\$0.000144
				•		Common Transport
10,369,492		Avg	\$14.15	\$2.90		·
Utah	QW	1	\$14.77	\$0.89	\$0.002299	\$0.001025-\$0.001059
		2	\$17.76	\$0.90	\$0.002664	Tandem Switching
		3	\$20.29	\$1.02	\$0.002896	\$0.001111
						Common Transport
1,152,656		Avg	\$16.13	\$0.92	\$0.002491	
Vermont	VZ	1	\$7.72	\$1.03	\$0.004003	\$0.000921
		2	\$8.35			Tandem Switching
		3	\$21.63			\$0.000630
						Common Transport
360,411		Avg	\$14.41			
Virginia	VZ	1	\$10.74	\$1.30	\$0.004129	\$0.000548
		2	\$16.45		Originating	Tandem Switching
		3	\$29.40		\$0.002079	\$0.000114
					Terminating	Common Transport
3,681,236		Avg	\$13.597			
Washington	QW	1	\$6.41	\$1.34	\$0.0012	\$0.00141
		2	\$11.35			Tandem Switching
		3	\$12.76			\$0.001219
		4	\$14.31			Common Transport
		5	\$19.06			·
2,587,662		Avg	\$14.56			
West Virginia	VZ	1	\$14.99	\$1.60	\$0.008868	\$0.0002394
_		2	\$22.04		Originating	Tandem Switching
		3	\$43.44		\$0.005622	\$0.00067
					Terminating	Common Transport
871,569		Avg	\$24.58			
Wisconsin	SBC	1	\$10.90	\$3.71	\$0.003451	\$0.000674
						Tandem Switching
						\$0.001072
2,186,698						Common Transport
Wyoming	QW	BRA	\$19.91	\$2.64	\$0.003685	\$0.003225
		1	\$26.94			Tandem Switching
		2	\$30.13			\$0.001792
		3	\$40.98			Common Transport
258,704		Avg	\$23.39			

Note: Access line data from NECA USF submission to FCC, dated October 1, 2001.

UNE RATE/REVENUE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted Updated July 2002

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	C =							
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Alabama	BS	1	\$15.24	\$2.07	\$1.70	\$19.01	\$42.63	44.6%
		2	\$24.75	V =.0.	Ų č	\$28.52	V	66.9%
		3	\$44.85			\$48.62		114.1%
			Ψ-1.00			ψ+0.02		117.170
1		Avg	\$19.04					
l		Avg	ψ13.04					
Alaska	ATU	1	\$14.92	\$4.27	\$6.60	\$25.79	n/a	n/a
ı	ACS	1	\$19.19	\$1.38	\$2.03	\$22.60		
Arizona	QW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$34.06	68.6%
I		2	\$34.94			\$39.35		115.5%
1		3	\$56.53			\$60.94		178.9%
l		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$34.87	42.4%
1		2	\$13.64	* * * * * * * * * * * * * * * * * * * *	\$1.69	\$16.94	40	48.6%
		1	\$23.34		\$2.53	\$27.48		78.8%
			Ψ20.01		Ψ2.00	Ψ27.10		70.070
		Avg	\$13.09		\$1.84			
l		'	V 10100		V			
California	SBC	1	\$8.83	\$0.88	\$0.77	\$10.48	\$26.69	39.3%
		2	\$11.27			\$12.92		48.4%
		3	\$19.63			\$21.28		79.7%
l		Avg	\$9.93					
Colorado	QW	1	\$5.91	\$1.86	\$2.00	\$9.77	\$42.64	22.9%
Colorado	QVV			φ1.00	φ2.00	\$16.17	φ42.04	
		2	\$12.31			•		37.9%
		3	\$32.79			\$36.65		86.0%
		۸۷۵	\$15.85					
		Avg	φ15.65					
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$31.98	60.7%
ı		В	\$12.03			\$22.49		70.3%
		С	\$13.28			\$23.74		74.2%
ı		Ď	\$19.69			\$30.15		94.3%
l								
		Avg	\$12.49					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$36.52	42.1%
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$28.84	52.3%
İ		2	\$13.13			\$18.14		62.9%
		3	\$16.67			\$21.68		75.2%
		Δ	#40.0F					
		Avg	\$12.05					
L	<u> </u>		L					

^{**} On-NET Rate, includes shared transport.

			Upo	lated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Florida	BS	1	\$12.79	\$1.40	\$0.77	\$14.96	\$34.54	43.3%
		2	\$17.27			\$19.44		56.3%
		3	\$33.36			\$35.53		102.9%
			400.00			400.00		
		Avg	\$15.81					
		7.1.9	V 1010 1					
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$43.68	40.5%
		2	\$16.41	V 1.00	4	\$19.89	V 10100	45.5%
		3	\$26.08			\$29.56		67.7%
			Ψ20.00			Ψ20.00		07.770
		Avg	\$16.51					
		Avg	Ψ10.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$37.58	55.2%
	"_	Maui	\$17.23	Ψ2.00	Ψ7.51	\$27.53	\$57.50	73.3%
		Hawaii	\$21.91			\$32.21		85.7%
		iawaii	Ψ21.01			Ψ02.21		00.770
Idaho	QW	1	\$15.81	\$1.34	\$1.73	\$18.88	\$34.29	55.1%
	_ ~	2	\$24.01		ψσ	\$27.08	\$51.20	79.0%
		3	\$40.92			\$43.99		128.3%
		3	φ40.92			φ 4 5.99		120.570
		A	#20 40					
		Avg	\$20.42					
Illinaia	CDC	4.0	60.50	ФГ 04		Ф 7 СО	#00 F7	20.00/
Illinois	SBC	1A	\$2.59	\$5.01	n/a	\$7.60	\$36.57	20.8%
		1B	\$7.07	Port rate		\$12.08		33.0%
		1C	\$11.40	includes		\$16.41		44.9%
		2C	\$11.40	unlimited		\$16.41		44.9%
				switching				
		Avg	\$9.81					
la di a a a	CDC	2	#0.00	ФE 0.4	CO 44	C4C 04	#22.04	F0.00/
Indiana	SBC	3	\$8.03	\$5.34	\$3.44	\$16.81	\$33.01	50.9%
		2	\$8.15			\$16.93		51.3%
		1	\$8.99			\$17.77		53.8%
		A	#0.00					
		Avg	\$8.20					
lawa	0\\\	4	#40.44	C4 4F	#0.00	C440	COC 74	FC 00/
Iowa	QW	1	\$13.11	\$1.15	\$0.69	\$14.95	\$26.71	56.0%
		2	\$15.64			\$17.48		65.4%
		3	\$27.27			\$29.11		109.0%
			040.47					
		Avg	\$16.47					
I/ana	000	_	# 44.00	64.04	Φ4 O4	Φ44 7 0	#00.00	40.70/
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$33.86	43.7%
		2	\$13.64		\$1.69	\$16.94		50.0%
		1	\$23.34		\$2.53	\$27.48		81.2%
			A445 :					
		Avg	\$14.04					
Kontuola:	DC	4	Ø40 F0	64.40	¢4.00	Ф42 OF	¢44.40	20.00/
Kentucky	BS	1	\$10.56	\$1.49	\$1.20	\$13.25	\$41.13	32.2%
		2	\$15.34			\$18.03		43.8%
		3	\$31.11			\$33.80		82.2%
			640.44					
		Avg	\$18.41					

T	Updated July 2002										
			Loop	Port			Average				
		Density	Rate	Rate	Switching	Total	Revenue/line				
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage			
Louisiana	BS	1	\$14.05	\$2.55	\$2.10	\$18.70	\$43.83	42.7%			
		2	\$24.14			\$28.79		65.7%			
		3	\$49.30			\$53.95		123.1%			
			Ψ.σ.σσ			φοσ.σσ		120.170			
		Avg	\$17.31								
Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$30.87	45.5%			
		2	\$13.47			\$16.09		52.1%			
		3	\$18.75			\$21.37		69.2%			
			,			•					
		Avg	\$16.19								
			040.44	04.00	***	0.17.01	***	50.50/			
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$33.89	52.5%			
		A2	\$12.85			\$18.55		54.7%			
		B1	\$25.96			\$31.66		93.4%			
		B2	\$18.40			\$24.10		71.1%			
		۸۰۰۰	¢44.50								
		Avg	\$14.50								
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$31.93	40.1%			
		2	\$14.11	Ψ=.σσ	\$3.30	\$19.41	4000	60.8%			
		3	\$16.12		\$3.30	\$21.42		67.1%			
		4	\$20.04		\$3.30	\$25.34		79.4%			
		_	Ψ20.04		ψ0.00	Ψ20.04		70.470			
		Avg	\$14.98								
Michigan	SBC	Α	\$8.47	\$2.53	\$1.19	\$12.19	\$30.82	39.6%			
		В	\$8.73	·		\$12.45		40.4%			
		С	\$12.54			\$16.26		52.8%			
			,			•					
		Avg	\$10.15								
D. 4:	0)4/	4	00.04	04.00	04.04	044.70	# 00.00	05.40/			
Minnesota	QW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$33.30	35.1%			
		2	\$12.33			\$15.22		45.7%			
		3	\$14.48			\$17.37		52.2%			
		4	\$21.91			\$24.80		74.5%			
		Avg	\$17.87								
Mississippi	BS	Avg 1	\$17.67	\$2.11	\$2.38	\$20.07	\$51.46	39.0%			
Ινιιοοιοοιμμι	الحال			ΨΖ.11	Ψ2.30	\$20.07 \$25.14	ψυ1.40	48.9%			
		2	\$20.65								
		3 4	\$29.51			\$34.00		66.1%			
		4	\$38.94			\$43.43		84.4%			
		Avg	\$21.26								
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$34.52	46.6%			
		2	\$18.64	\$1.97	\$1.95	\$22.56		65.4%			
		3	\$19.74	\$2.47	\$2.81	\$25.02		72.5%			
		4	\$16.41	\$2.25	\$2.39	\$21.05		61.0%			
		•	, , , , , ,	Ţ <u></u>	Ţ <u></u> .50	Ţ=1.00		31.070			
		Avg	\$15.19								
	1	l	I	I	I		l .]			

Τ				dated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	_	(per Month)	(per Month)		Cost	(per Month)	Percentage
	, ,		,	,	,		, ,	
Montana	QW	1	\$23.10	\$1.58	\$0.69	\$25.37	\$35.13	72.2%
Montana	QVV			Ψ1.00	Ψ0.00	\$26.17	φου. το	
		2	\$23.90			-		74.5%
		3	\$27.13			\$29.40		83.7%
		4	\$29.29			\$31.56		89.8%
		Avg	\$23.72					
Nebraska	QW	1	\$15.14	\$2.47	\$0.69	\$18.30	\$41.51	44.1%
		2	\$35.05			\$38.21		92.1%
		3	\$77.92			\$81.08		195.3%
						•		
		Avg	\$17.51					
		79	V					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$29.31	51.1%
	350	2	\$22.66	¥1.55	ψ1.51	\$25.90	\$20.01	88.4%
		3	\$66.31					237.3%
		3	φ00.51			\$69.55		231.3%
			040.00					
		Avg	\$19.83					
			****	20 - 1	4	***	400 -0	=0.00/
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$30.58	79.9%
		2	\$15.87	\$2.20		\$25.99		85.0%
		3	\$24.09	\$2.21		\$34.22		111.9%
		Avg	\$17.53	\$2.22				
New Jersey	VZ	1	\$8.12	\$0.73	\$2.64	\$11.49	\$26.04	44.1%
		2	\$9.59			\$12.96		49.8%
		3	\$10.92			\$14.29		54.9%
			Ψ.σ.σΞ			Ψ11.20		0 1.0 70
		Avg	\$9.52					
		Avg	Ψ5.52					
New Mexico	QW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$32.90	61.5%
INGW MIGNICO	QVV	2		ψ1.50	Ψ1.11	\$20.24	Ψ32.90	69.3%
			\$20.30					
		3	\$26.23			\$28.72		87.3%
		Avg	\$20.50					
New York	VZ	1	\$7.70	\$2.57	\$1.13	\$11.40	\$38.79	29.4%
		2	\$11.31			\$15.01		38.7%
		3	\$15.51			\$19.21		49.5%
		Avg	\$11.49					
North Carolina	BS	1	\$12.11	\$2.19	\$1.70	\$16.00	\$37.24	43.0%
	_	2	\$21.24			\$25.13	· ·	67.5%
		3	\$33.65			\$37.54	1	100.8%
			ψυυ.υυ			Ψυ1.υ+		100.070
		۸.	645.00				1	
		Avg	\$15.88					

1	1	1		lated July 2	2002			T
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
North Dakota	QW	1	\$14.78	\$1.27	\$0.69	\$16.74	\$37.32	44.9%
		2	\$24.92			\$26.88		72.0%
		3	\$56.44			\$58.40		156.5%
		Avg	\$17.79					
Ohio	SBC	В	\$5.93	\$4.63	\$3.23	\$13.79	\$33.80	40.8%
		С	\$7.97			\$15.83		46.8%
		D	\$9.52			\$17.38		51.4%
		Avg	\$7.01					
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$31.75	52.3%
		2	\$13.65	\$2.21	\$2.52	\$18.38		57.9%
		1	\$26.25	\$2.58	\$3.80	\$32.63		102.8%
		Avg	\$14.84	\$2.25				
_								
Oregon	QW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$24.20	68.3%
		2	\$25.20			\$27.79		114.8%
		3	\$56.21			\$58.80		243.0%
		Avg	\$15.00					
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$28.50	51.3%
		2	\$11.00			\$15.38		54.0%
		3	\$14.00			\$18.38		64.5%
		4	\$16.75			\$21.13		74.1%
		Avg	\$13.81					
Rhode Island	VZ	1	\$11.19	\$1.86	\$1.28	\$14.33	\$31.00	46.2%
		2	\$15.44			\$18.58		59.9%
		3	\$19.13			\$22.27		71.8%
		Avg	\$13.93					
0 " 0 "		4	01101	04.05	04.05	0.47.04	0.11.00	40.40/
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$41.93	42.1%
		2	\$21.39			\$24.09		57.5%
		3	\$26.72			\$29.42		70.2%
		Avg	\$17.60					
Couth Daliete	O\A/	4	¢47.04	¢4.04	₽0 47	# 22.22	#22.54	66.60/
South Dakota	QW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$33.51	66.6%
		2	\$18.54			\$23.85		71.2%
		3	\$24.37			\$29.68		88.6%
		A	#04 00				1	
		Avg	\$21.09					
Toppess	DC	4	#40.40	£4.00	ድር ርር	Φ4F 00	#20.00	40.00/
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$39.69	40.0%
		2	\$17.23			\$19.92	1	50.2%
		3	\$22.53			\$25.22	1	63.5%
		Λ	64400					
		Avg	\$14.92				1	
				<u> </u>			1	<u> </u>

				dated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$36.66	43.2%
		2	\$13.65	\$2.47		\$18.24		49.8%
		1	\$18.98	\$4.21		\$25.31		69.0%
		Avg	\$14.15	\$2.90				
Utah	QW	1	\$14.77	\$0.89	\$2.30	\$17.96	\$35.41	50.7%
		2	\$17.76	\$0.90	\$2.66	\$21.32		60.2%
		3	\$20.29	\$1.02	\$2.90	\$24.21		68.4%
		Avg	\$16.13					
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4	A7 7 0	04.00	04.00	040.75	000.05	0.4.007
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$36.65	34.8%
		2	\$8.35			\$13.38		36.5%
		3	\$21.63			\$26.66		72.7%
		۸۰۰۰	#1111					
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$34.02	44.5%
Virginia	VZ	2	\$16.74	φ1.50	φ3.10	\$20.85	φ54.02	61.3%
		3	\$29.40			\$33.80		99.4%
		"	Ψ23.40			ψ00.00		JJ. + /0
		Avg	\$13.597					
		7.09	Ψ10.001					
Washington	QW	1	\$6.41	\$1.34	\$1.20	\$8.95	\$32.30	27.7%
		2	\$11.35			\$13.89		43.0%
		3	\$12.76			\$15.30		47.4%
		4	\$14.31			\$16.85		52.2%
		5	\$19.06			\$21.60		66.9%
		Avg	\$14.56					
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$40.45	58.9%
		2	\$22.04			\$30.88		76.3%
		3	\$43.44			\$52.28		129.2%
		Avg	\$24.58					
	000	4	* 40.00	00.74	00.45	0.10.00	00001	54.00 /
Wisconsin	SBC	1	\$10.90	\$3.71	\$3.45	\$18.06	\$33.34	54.2%
Wyomin ~	O\A/	DD A	¢10.01	\$2.64	¢2.60	¢06.04	¢40 E4	64 70/
Wyoming	QW	BRA	\$19.91 \$26.04	φ∠.04	\$3.69	\$26.24	\$42.54	61.7%
		1	\$26.94			\$33.27	1	78.2%
		2	\$30.13			\$36.46 \$47.31		85.7%
		3	\$40.98			\$47.31		111.2%
		Avg	\$23.39					
		⊼vy	Ψ ∠ J.J9	L			L	

NOTES:

- 1. Monthly cost of switching based on usage of 1,000 minutes per month. In states with on-peak/off-peak pricing or originating/ terminating pricing, the 1,000 minutes were allocated 50/50. In states with day/evening/ night pricing, the 1,000 minutes were allocated 50/30/20. In states with per call or set up rates, it was assumed there were 100 calls per month.
- 2. The Total Cost column is the sum of monthly unbundled loop, port and switching. Because of the widely varying rate designs for transport for each state, transport costs are not included. However, the reader is cautioned that a complete UNE platform to provide local service would also include transport costs.
- 3. Average revenue per line is taken from the FCC's Trends in Telephone Service, May 2002, Table 16.8. The revenue per line is an average of all incumbent local exchange and subscriber line charge revenue, business and residence.
- 4. The Percentage column is the Total Cost column divided by Average Revenue/line.

UNE RATE/RESIDENTIAL RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted Updated July 2002

	1	1		lated July 2	.002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Residential Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Alabama	BS	1	\$15.24	\$2.07	\$1.70	\$19.01	\$25.31	75.1%
		2	\$24.75			\$28.52		112.7%
		3	\$44.85			\$48.62		192.1%
		Avg	\$19.04					
Alaska	ATU	1	\$14.92	\$4.27	\$6.60	\$25.79	\$16.35	157.7%
A	O)A/	4	#40.00	C4 C4	#0.00	#00.07	ФО4 ОО	407.40/
Arizona	QW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$21.83	107.1%
		2	\$34.94			\$39.35		180.3%
		3	\$56.53			\$60.94		279.2%
			004.00					
		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$24.57	60.2%
		2	\$13.64	·	\$1.69	\$16.94	·	68.9%
		1	\$23.34		\$2.53	\$27.48		111.8%
			,		,	•		
		Avg	\$13.09		\$1.84			
California	SBC	1	\$8.83	\$0.88	\$0.77	\$10.48	\$17.03	61.5%
		2	\$11.27	ψ0.00	Ψ σ	\$12.92	V	75.9%
		3	\$19.63			\$21.28		125.0%
		O	Ψ13.00			Ψ21.20		120.070
		Avg	\$9.93					
		Avg	ψ5.55					
Colorado	QW	1	\$5.91	\$1.86	\$2.00	\$9.77	\$24.58	39.7%
		2	\$12.31			\$16.17		65.8%
		3	\$32.79			\$36.65		149.1%
			*			•		
		Avg	\$20.65					
		9	4=0.00					
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$21.32	91.0%
		В	\$12.03			\$22.49		105.5%
		С	\$13.28			\$23.74		111.4%
		D	\$19.69			\$30.15		141.4%
		Avg	\$12.49					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$20.79	73.9%

^{**} On-NET Rate, includes shared transport.

			Upc	dated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Residential Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$17.53	86.0%
2 0.0		2	\$13.13	Ψ=:==	Ψ=σ	\$18.14	\$17.53	103.5%
		3	\$16.67			\$21.68	\$18.19	119.2%
			Ψ10.07			Ψ21.00	Ψ10.10	110.270
		Avg	\$12.05					
		7.09	Ψ12.00					
Florida	BS	1	\$12.79	\$1.40	\$0.77	\$14.96	\$19.43	77.0%
litionaa		2	\$17.27	Ψ1.10	ΨΟ.ΤΤ	\$19.44	Ψ10.10	100.1%
		3	\$33.36			\$35.53		182.9%
		3	φ33.30			φ35.53		102.976
		A	045.04					
		Avg	\$15.81					
Coorgie	DC	4	\$14.21	¢4.05	¢4.60	¢17.60	¢27.64	64.00/
Georgia	BS	1		\$1.85	\$1.63	\$17.69	\$27.64	64.0%
		2	\$16.41			\$19.89		72.0%
		3	\$26.08			\$29.56		106.9%
			* · • • ·					
		Avg	\$16.51					
I I a a !!	\/7	Oak	Φ4Ο 44	#0.00	Φ 7 .04	ФОО 7 4	#05.00	00.00/
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$25.83	80.3%
		Maui	\$17.23			\$27.53		106.6%
		Hawaii	\$21.91			\$32.21		124.7%
I al a la a	0)4/	4	Φ4 F 04	64.04	Φ4 7 0	#40.00	#04.00	70.00/
Idaho	QW	1	\$15.81	\$1.34	\$1.73	\$18.88	\$24.02	78.6%
		2	\$24.01			\$27.08		112.7%
		3	\$40.92			\$43.99		183.1%
		Avg	\$20.42					
	000	4.0	00.50	ME 04	,	Φ7.00	004.07	05.40/
Illinois	SBC	1A	\$2.59	\$5.01	n/a	\$7.60	\$21.67	35.1%
		1B	\$7.07	Port rate		\$12.08		55.7%
		1C	\$11.40	includes		\$16.41		75.7%
		2C	\$11.40	unlimited		\$16.41		75.7%
				switching				
		Avg	\$9.81					
Indiana	SBC	3	\$8.03	\$5.34	\$3.44	\$16.81	\$20.39	82.4%
		2	\$8.15			\$16.93		83.0%
		1	\$8.99			\$17.77		87.2%
		Avg	\$8.20					
_								
Iowa	QW	1	\$13.11	\$1.15	\$0.69	\$14.95	\$17.93	83.4%
		2	\$15.64			\$17.48	\$16.96	103.1%
		3	\$27.27			\$29.11	\$15.99	182.1%
		Avg	\$16.47					

Density Zones Rate Rate Rate (per Month) (per					lated July 2	2002		Ι Δ	
State Company Zones (per Month) (per Month) (per Month) Cost (per Month) Percentage				Loop	Port	0 " 1 "	T - (- 1	Average	
Kansais SBC 3 \$11.86 \$1.61 \$1.31 \$1.4.78 \$19.58 75.5% 86.5% 140.3% Avg \$14.04 \$23.34 \$2.53 \$27.48 \$19.58 75.5% 86.5% 140.3% Avg \$14.04 \$22.53 \$27.48 \$11.25 \$2.53 \$22.48 \$140.3% \$14.03% \$14.04 \$14.05 \$2.53 \$27.48 \$18.03 \$33.80 \$119.9% \$18.41 \$23.34 \$31.11 \$10.35 \$23.38 \$28.18 \$47.0% \$64.0% \$18.41 \$22.21 \$42.41 \$22.21 \$42.29% \$28.79 \$23.29 \$22.21 \$42.29% \$28.79 \$23.30 \$24.29 \$22.21 \$42.29% \$28.79 \$23.30 \$24.29 \$22.21 \$313.47 \$3 \$18.75 \$21.37 \$22.21 \$33.6% \$24.10 \$22.21 \$31.347 \$3 \$18.75 \$21.37 \$22.21 \$33.6% \$24.10 \$22.21 \$31.347 \$3 \$18.75 \$21.37 \$22.21 \$31.347 \$3 \$18.75 \$21.37 \$22.21 \$31.347 \$3.38 \$15.55 \$21.37 \$22.21 \$31.347 \$3.38 \$21.37 \$22.21 \$31.347 \$3.38 \$31.66 \$31.66 \$31.66 \$31.69 \$	0		Ī			-			_
Rentucky	State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Rentucky	Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$19.58	75.5%
Avg \$14.04 \$2.53 \$27.48 140.3%								·	
Kentucky BS 1 sto.56 2 st5.34 3 st.1.1 \$1.49 st.20 st3.25 st8.03 st8.03 st8.03 st8.01 \$28.18 st8.03 st8.04 st8.03									
Kentucky BS 1 \$10.56 \$1.49 \$1.20 \$13.25 \$28.18 47.0% 64.0% 62.9% 62.9% 62.9% 62.9% 62.9% 62.9% 62.9% 83.6% 62.9% 83.6% 62.9% 83.6% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8% 69.8%				·			·		
Avg \$18.41 \$18.03 \$33.80 \$18.03 \$19.9%			Avg	\$14.04					
Avg \$18.41 \$18.03 \$33.80 \$18.09 \$19.9%	Kentuckv	BS	1	\$10.56	\$1.49	\$1.20	\$13.25	\$28.18	47.0%
Avg \$18.41 \$33.80 \$119.9%	,					, -		,	
Avg \$18.41 Louisiana BS 1 \$14.05			3						
Louisiana BS 1 \$14.05				* -			•		
Louisiana BS 1 \$14.05			Avg	\$18.41					
Maine VZ 1 \$11.44 \$0.94 \$1.68 \$14.06 \$25.57 55.0% 62.9% 83.6% Maryland VZ A1 \$11.44 \$0.94 \$1.68 \$14.06 \$25.57 55.0% 62.9% 83.6% Maryland VZ A1 \$12.11 \$1.90 \$3.80 \$17.81 \$26.57 67.0% 69.8% 69.8% 69.8% 119.1% 69.8% 119.1% 90.7% 69.8% 119.1% 90.7		D0		04405	\$0.55	00.40	# 10.70	000.04	0.4.00/
Maine VZ 1 \$11.44 \$0.94 \$1.68 \$14.06 \$25.57 55.0% Avg \$16.19 \$16.19 \$16.09 \$21.37 \$26.57 55.0% Maryland VZ A1 \$12.11 \$1.90 \$3.80 \$17.81 \$26.57 67.0% B1 \$25.96 \$18.40 \$18.55 \$31.66 \$19.1% 90.7% Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% Avg \$14.50 \$3.30 \$19.41 \$5.0% 85.0% 100.6% Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% Michigan C \$12.54 \$16.26 \$16.26 60.1%	Louisiana	88			\$2.55	\$2.10		\$22.21	
Maine VZ 1 \$11.44 \$0.94 \$1.68 \$14.06 \$25.57 55.0% Avg \$13.47 \$13.47 \$16.09 \$21.37 \$25.57 55.0% Avg \$16.19 \$16.19 \$21.37 \$25.57 55.0% Maryland VZ A1 \$12.11 \$1.90 \$3.80 \$17.81 \$26.57 67.0% B1 \$25.96 \$12.85 \$31.66 \$18.55 \$31.66 119.1% B2 \$18.40 \$24.10 \$24.10 \$0.7% \$0.7% Avg \$14.50 \$3.26 \$12.80 \$25.19 \$0.8% Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 \$0.8% Avg \$14.11 \$3.30 \$21.42 \$3.30 \$21.42 \$5.0% \$5.0% Avg \$14.98 \$8.73 \$2.53 \$1.19 \$12.19 \$27.04 \$45.1% \$6.0% Michigan B \$8.73 \$2.53<			2				•		
Maine VZ 1 \$11.44 2 \$13.47 3 \$16.09 \$16.09 \$16.09 \$21.37 \$16.09 \$16.09 \$21.37 \$55.0% 62.9% 62.9% 83.6% Maryland VZ A1 \$12.11 A2 \$1.90 \$3.80 \$17.81 \$18.55 \$18.55 \$18.55 \$18.40 Avg \$14.50 \$18.55 \$18.40 \$24.10 \$26.57 67.0% 69.8% 119.1% 90.7% Massachusetts VZ 1 \$7.54 2 \$2.00 \$3.26 \$12.80 \$24.10 \$25.19 50.8% 77.1% 85.0% 100.6% Massachusetts VZ 1 \$7.54 3 \$2.00 \$3.30 \$19.41 \$7.1% 85.0% 100.6% \$3.30 \$21.42 \$85.0% 100.6% 100.6% Michigan SBC A \$8.47 B \$2.53 \$1.19 \$12.19 \$27.04 \$45.1% 46.0% 60.1% Michigan SBC A \$8.73 C \$12.54 \$16.26 \$16.26 \$16.26			3	\$49.30			\$53.95		242.9%
Maine VZ 1 \$11.44 2 \$13.47 3 \$16.09 \$16.09 \$16.09 \$21.37 \$16.09 \$16.09 \$21.37 \$55.0% 62.9% 62.9% 83.6% Maryland VZ A1 \$12.11 A2 \$1.90 \$3.80 \$17.81 \$18.55 \$18.55 \$18.55 \$18.40 Avg \$14.50 \$18.55 \$18.40 \$24.10 \$26.57 67.0% 69.8% 119.1% 90.7% Massachusetts VZ 1 \$7.54 2 \$2.00 \$3.26 \$12.80 \$24.10 \$25.19 50.8% 77.1% 85.0% 100.6% Massachusetts VZ 1 \$7.54 3 \$2.00 \$3.30 \$19.41 \$7.1% 85.0% 100.6% \$3.30 \$21.42 \$85.0% 100.6% 100.6% Michigan SBC A \$8.47 B \$2.53 \$1.19 \$12.19 \$27.04 \$45.1% 46.0% 60.1% Michigan SBC A \$8.73 C \$12.54 \$16.26 \$16.26 \$16.26			Δνα	¢17 21					
2 \$13.47 \$16.09 \$21.37 62.9% 83.6%			Avy	ψ17.51					
Avg \$18.75 \$21.37 83.6% Maryland VZ A1	Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$25.57	55.0%
Avg \$18.75 \$21.37 83.6% Maryland VZ A1 \$12.11 \$1.90 \$3.80 \$17.81 \$26.57 67.0% 69.8% B1 \$25.96 \$18.40 \$18.55 \$31.66 119.1% 90.7% Avg \$14.50 \$2.00 \$3.26 \$12.80 \$25.19 50.8% Massachusetts VZ 1 \$7.54 \$2.00 \$3.30 \$19.41 77.1% 3 \$16.12 \$3.30 \$21.42 85.0% 4 \$20.04 \$3.30 \$25.34 100.6% Avg \$14.98 \$14.98 \$1.19 \$12.19 \$27.04 45.1% Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% 60.1% 60.1% 60.1% 60.1% 60.1% 60.1% 60.1%			2	\$13.47			\$16.09		62.9%
Maryland VZ A1			3	\$18.75			\$21.37		83.6%
Maryland VZ A1									
A2 \$12.85 B1 \$25.96 B2 \$18.40 Avg \$14.50 Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% 77.1% \$3.30 \$19.41 77.1% \$3.30 \$21.42 85.0% 100.6% Avg \$14.98 Michigan SBC A \$8.47 B \$8.73 C \$12.54 \$2.53 \$1.19 \$12.19 \$27.04 45.1% 46.0% 60.1%			Avg	\$16.19					
B1 B1 B2 \$18.40 \$31.66 \$24.10 \$119.1% 90.7% Avg \$14.50 \$24.10 \$25.19 \$0.8% 90.7% Massachusetts VZ 1 \$7.54 2 \$14.11 3 \$13.30 \$16.12 \$3.30 \$19.41 \$77.1% \$3.30 \$21.42 \$85.0% 100.6% \$3.30 \$21.42 \$14.2 \$85.0% 100.6% \$3.30 \$25.34 \$40.6% \$46.0% \$12.54 Michigan SBC A \$8.47 B \$8.73 C \$12.54 \$2.53 \$1.19 \$12.19 \$27.04 \$46.0% 60.1% \$40.0% 60.1%	Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$26.57	67.0%
B2 \$18.40 \$24.10 90.7% Avg \$14.50 \$24.10 90.7% Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% 2 \$14.11 \$3.30 \$19.41 77.1% 85.0% 85.0% 85.0% 100.6% Avg \$14.98 \$3.30 \$25.34 \$25.34 \$100.6% Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% B \$8.73 \$12.45 \$16.26 60.1%			A2	\$12.85			\$18.55		69.8%
Avg \$14.50 Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% 2 \$14.11 \$3.30 \$19.41 77.1% 3 \$16.12 \$3.30 \$21.42 85.0% 4 \$20.04 \$3.30 \$25.34 100.6% Avg \$14.98 \$14.98 \$25.34 \$25.34 \$27.04 45.1% Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% B \$8.73 \$12.54 \$16.26 \$16.26 60.1%			B1	\$25.96			\$31.66		119.1%
Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% 77.1% 3 \$16.12 \$3.30 \$21.42 \$5.0% 100.6% Avg \$14.98 Michigan SBC A \$8.47 B \$8.73 C \$12.54 \$12.45 \$16.26 \$12.45 \$16.26			B2	\$18.40			\$24.10		90.7%
Massachusetts VZ 1 \$7.54 \$2.00 \$3.26 \$12.80 \$25.19 50.8% 77.1% 3 \$16.12 \$3.30 \$21.42 \$5.0% 100.6% Avg \$14.98 Michigan SBC A \$8.47 B \$8.73 C \$12.54 \$12.45 \$16.26 \$12.45 \$16.26									
2 \$14.11 \$3.30 \$19.41 77.1% 85.0% 4 \$20.04 \$3.30 \$21.42 85.0% 100.6% Avg \$14.98			Avg	\$14.50					
3 \$16.12 \$3.30 \$21.42 85.0% 4 \$20.04 \$3.30 \$25.34 100.6% Avg \$14.98 \$14.98 \$25.34 \$25.34 45.1% Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% B \$8.73 \$12.45 \$16.26 60.1%	Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$25.19	50.8%
4 \$20.04 \$3.30 \$25.34 100.6% Avg \$14.98 \$14.98 \$14.98 \$14.98 \$14.98 \$14.98 \$14.98 \$14.98 \$14.98 \$14.19 \$14			2	\$14.11		\$3.30	\$19.41		77.1%
Avg \$14.98 Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% 46.0% 60.1%			3	\$16.12		\$3.30	\$21.42		85.0%
Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% 46.0% C \$12.54 \$16.26			4	\$20.04		\$3.30	\$25.34		100.6%
Michigan SBC A \$8.47 \$2.53 \$1.19 \$12.19 \$27.04 45.1% 46.0% C \$12.54 \$16.26									
B \$8.73 C \$12.54 \$16.26 \$16.26 60.1%			Avg	\$14.98					
C \$12.54 \$16.26 60.1%	Michigan	SBC			\$2.53	\$1.19		\$27.04	
				\$8.73					
Avg \$10.15			С	\$12.54			\$16.26		60.1%
Avg \$10.15				* 4 * 4 *					
			Avg	\$10.15					
Minnesota QW 1 \$8.81 \$1.08 \$1.81 \$11.70 \$22.14 52.8%	Minnesota	QW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$22.14	52.8%
2 \$12.33 \$15.22 68.7%									
3 \$14.48 \$17.37 78.5%									
4 \$21.91 \$24.80 112.0%									
Avg \$17.87			Avg	\$17.87					

-				lated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Residential Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
			(1-2	(1-2	(1		(10000000)	
Mississippi	BS	1	\$15.58	\$2.11	\$2.38	\$20.07	\$27.51	73.0%
		2	\$20.65			\$25.14		91.4%
		3	\$29.51			\$34.00		123.6%
		4	\$38.94			\$43.43		157.9%
		7	Ψ00.04			ψ-1010		107.070
		۸,,,,	\$24.26					
		Avg	\$21.26					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$20.61	78.0%
	020	2	\$18.64	\$1.97	\$1.95	\$22.56	Ψ=0.0.	109.5%
		3	\$19.74	\$2.47	\$2.81	\$25.02		121.4%
		4	\$16.41	\$2.25	\$2.39	\$21.05		102.1%
		4	φ10.41	φ2.25	φ2.39	φ21.05		102.170
		۸۰۰۵	\$15.19					
		Avg	φ15.19					
Montana	QW	1	\$23.10	\$1.58	\$0.69	\$25.37	\$24.86	102.1%
		2	\$23.90			\$26.17	·	105.3%
		3	\$27.13			\$29.40		118.3%
		4	\$29.29			\$31.56		127.0%
		4	φ29.29			φ51.50		127.070
		Avg	\$23.72					
		Avg	Ψ20.72					
Nebraska	QW	1	\$15.14	\$2.47	\$0.69	\$18.30	\$28.11	65.1%
		2	\$35.05			\$38.21		135.9%
		3	\$77.92			\$81.08		288.4%
		· ·	Ψσ=			ΨΦσσ		
		Avg	\$17.51					
		, 9	Ψ11101					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$16.55	90.6%
		2	\$22.66			\$25.90		156.5%
		3	\$66.31			\$69.55		420.2%
		Avg	\$19.83					
		3	,					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$22.30	109.6%
		2	\$15.87	\$2.20		\$25.99	\$21.02	123.6%
		3	\$24.09	\$2.21		\$34.22	\$18.71	182.9%
				·		·	·	
		Avg	\$17.53	\$2.22				
		9						
New Jersey	VZ	1	\$8.12	\$0.73	\$2.64	\$11.49	\$15.71	73.1%
		2	\$9.59			\$12.96		82.5%
		3	\$10.92			\$14.29		91.0%
		Avg	\$9.52					
		3						
L					ı		1	

				dated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Residential Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
	Company	201100	(por monar)	(por mornin)	(por monar)	0000	(por monar)	r oroomago
New Mexico	QW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$19.21	105.4%
New Mexico	QVV	1		φ1.30	Φ1.11		φ19.21	
		2	\$20.30			\$22.79		118.6%
		3	\$26.23			\$28.72		149.5%
		Avg	\$20.50					
New York	VZ	1	\$7.70	\$2.57	\$1.13	\$11.40	\$26.10	43.7%
		2	\$11.31			\$15.01		57.5%
		3	\$15.51			\$19.21		73.6%
		O	Ψ10.01			Ψ10.21		7 0.0 70
		Λια	¢11 10					
		Avg	\$11.49					
North Carolina	BS	1	¢ 40 44	\$2.19	\$1.70	\$16.00	\$19.81	80.8%
INOTHI Carollila	_ DO	1	\$12.11	φ∠.19	φ1./0		काञ.ठा	
		2	\$21.24			\$25.13		126.9%
		3	\$33.65			\$37.54		189.5%
		Avg	\$15.88					
North Dakota	QW	1	\$14.78	\$1.27	\$0.69	\$16.74	\$24.25	69.0%
		2	\$24.92			\$26.88		110.8%
		3	\$56.44			\$58.40		240.8%
		3	ψ50.++			ψυυτυ		240.070
		Λια	\$17.79					
		Avg	φ17.79					
Ohio	CDC	Ъ	<u> </u>	#4.00	<u></u>	¢40.70	#20.24	C7 00/
Ohio	SBC	В	\$5.93	\$4.63	\$3.23	\$13.79	\$20.34	67.8%
		С	\$7.97			\$15.83		77.8%
		D	\$9.52			\$17.38		85.4%
		Avg	\$7.01					
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$19.40	85.5%
		2	\$13.65	\$2.21	\$2.52	\$18.38		94.7%
		1	\$26.25	\$2.58	\$3.80	\$32.63		168.2%
			* ==:==	+	40.00	**		
		Avg	\$14.84	\$2.25				
		Avg	Ψ14.04	ΨΖ.ΖΟ				
Oregon	QW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$23.74	69.7%
Oregon	۷۷۷		\$25.20	ψ1.∠0	ψ1.33		Ψ23.14	
		2				\$27.79		117.1%
1		3	\$56.21			\$58.80		247.7%
			0 4= 55					
		Avg	\$15.00					
<u></u>			A 1 a - =	A	A 1 = 1	A	A 2 () 2	
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$21.10	69.3%
		2	\$11.00			\$15.38		72.9%
		3	\$14.00			\$18.38		87.1%
		4	\$16.75			\$21.13		100.1%
1								
1		Avg	\$13.81					
		- 3	+					
<u> </u>	<u> </u>			I	I I		<u>I</u>	

l-	_			lated July 2	2002		1	T
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Residential Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Rhode Island	VZ	1	\$11.19	\$1.86	\$1.28	\$14.33	\$25.71	55.7%
		2	\$15.44		,	\$18.58	, -	72.3%
		3	\$19.13			\$22.27		86.6%
			ψ.σσ			Ψ==:=:		00.070
		Avg	\$13.93					
		Avg	Ψ10.00					
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$21.89	80.6%
South Carolina	55			ψ1.03	ψ1.03	-		
		2	\$21.39			\$24.09	\$20.99	114.8%
		3	\$26.72			\$29.42	\$19.64	149.8%
			4.7. 00					
		Avg	\$17.60					
0 11 5	0111		A 4 - 5 :	0.5:	Φο :-	Φ00.55	M 0.4.5.	00.007
South Dakota	QW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$24.81	90.0%
		2	\$18.54			\$23.85		96.1%
		3	\$24.37			\$29.68		119.6%
		Avg	\$21.09					
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$22.04	72.1%
		2	\$17.23			\$19.92		90.4%
		3	\$22.53			\$25.22		114.4%
			•			•		
		Avg	\$14.92					
		7.179	Ψ14.02					
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$20.43	77.5%
TCXGS	ODO	2	\$13.65	\$2.47	ΨΖ.1Ζ	\$18.24	Ψ20.43	89.3%
		1	\$18.98	\$4.21		\$25.31		123.9%
		'	ф10.90	⊅4.∠ Ι		φ 2 3.31		123.9%
		A	04445	ФО ОО				
		Avg	\$14.15	\$2.90				
114 - 1.	014/		04477	#0.00	#0.00	#47.00	# 04.00	05.40/
Utah	QW	1	\$14.77	\$0.89	\$2.30	\$17.96	\$21.02	85.4%
		2	\$17.76	\$0.90	\$2.66	\$21.32		101.4%
		3	\$20.29	\$1.02	\$2.90	\$24.21		115.2%
		Avg	\$16.13					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$25.98	49.1%
		2	\$8.35			\$13.38		51.5%
		3	\$21.63			\$26.66		102.6%
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$30.56	49.5%
		2	\$16.45			\$20.85		68.2%
		3	\$29.40			\$33.80		110.6%
		_	,·· v			, , , , , ,		2.370
		Avg	\$13.597					
		, .vg	ψ10.001					
	<u> </u>							

Washington QW 1 \$6.41 \$1.34 \$1.20 \$8.95 \$20.62 43.67 3 \$12.76 \$13.89 \$15.30 74.74 4 \$14.31 \$16.85 81.85 5 \$19.06 \$21.60 \$21.60 Avg \$14.56 \$1.60 \$7.24 \$23.83 \$28.13 2 \$22.04 \$3.088 \$30.88 \$109 3 \$43.44 \$52.28 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$30.13 \$36.46 \$33.27 \$112 2 \$30.13 \$30.13 \$36.46 \$29.66 88.				Opc	ialed July 2	2002			
State Company Zones (per Month) (per Month) (per Month) Cost (per Month) Percentage Washington QW 1 \$6.41 \$1.34 \$1.20 \$8.95 \$20.62 43.67.74.81.389 \$13.89 \$67.74.81.389 \$15.30 74.74.74.74.81.389 \$15.30 74.74.74.74.74.74.74.81.389 \$16.85 \$11.04 \$10.90 \$14.56 \$10.90 \$14.56 \$10.90 <td< th=""><th></th><th></th><th></th><th>Loop</th><th>Port</th><th></th><th></th><th>Average</th><th></th></td<>				Loop	Port			Average	
Washington QW 1 \$6.41 \$1.34 \$1.20 \$8.95 \$20.62 43.67 3 \$12.76 \$13.89 \$15.30 74.74 4 \$14.31 \$16.85 81.74 5 \$19.06 \$21.60 \$21.60 West Virginia VZ 1 \$14.99 \$1.60 \$7.24 \$23.83 \$28.13 84.109 2 \$22.04 3 \$43.44 \$52.28 \$18.06 \$27.57 65. Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$30.13 \$36.46 122 \$30.13 3 \$40.98 \$47.31 \$159			Density	Rate	Rate	Switching	Total	Residential Rate	
2	State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
2									
3	Washington	QW		-	\$1.34	\$1.20	\$8.95	\$20.62	43.4%
4 \$14.31 \$16.85 81.104 Avg \$14.56 \$19.06 \$21.60 \$104 West Virginia VZ 1 \$14.99 \$1.60 \$7.24 \$23.83 \$28.13 84. 2 \$22.04 \$30.88 \$30.88 \$109 \$52.28 \$185 Avg \$24.58 \$24.58 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$30.13 \$36.46 \$122 \$30.13 \$36.46 \$47.31 \$159				\$11.35			\$13.89		67.4%
Secondary Seco			3	\$12.76			\$15.30		74.2%
Avg \$14.56 West Virginia VZ 1 \$14.99 \$1.60 \$7.24 \$23.83 \$28.13 84.109 2 \$22.04 3 \$43.44 \$52.28 \$30.88 109 3 \$43.44 \$52.28 \$52.28 \$18.06 \$27.57 65. Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$30.13 \$36.46 122 2 \$30.13 \$40.98 \$47.31 \$47.31 \$159				\$14.31			\$16.85		81.7%
West Virginia VZ 1 \$14.99 \$1.60 \$7.24 \$23.83 \$28.13 84. 109 3 \$43.44 \$30.88 \$52.28 \$52.28 \$185 Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$30.13 \$36.46 122 2 \$30.13 \$40.98 \$47.31 \$47.31 \$159			5	\$19.06			\$21.60		104.8%
West Virginia VZ 1 \$14.99 \$1.60 \$7.24 \$23.83 \$28.13 84. 109 3 \$43.44 \$30.88 \$52.28 \$52.28 \$185 Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$30.13 \$36.46 122 2 \$30.13 \$40.98 \$47.31 \$47.31 \$159									
2 \$22.04 \$30.88 \$109 185			Avg	\$14.56					
2 \$22.04 \$30.88 \$109 185	100	\/7	4	04400	04.00	Φ 7 0.4	***	# 00.40	0.4.70/
3 \$43.44 \$52.28 185 Avg \$24.58 \$52.28 185 Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$33.27 \$112 2 \$30.13 \$36.46 \$122 3 \$40.98 \$47.31 \$159	West Virginia	VZ		-	\$1.60	\$7.24		\$28.13	84.7%
Avg \$24.58 Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$33.27 112 2 \$30.13 \$36.46 122 3 \$40.98 \$47.31 159									109.8%
Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$33.27 \$112 2 \$30.13 \$36.46 \$122 3 \$40.98 \$40.98			3	\$43.44			\$52.28		185.9%
Wisconsin SBC 1 \$10.90 \$3.71 \$3.45 \$18.06 \$27.57 65. Wyoming QW BRA \$19.91 \$2.64 \$3.69 \$26.24 \$29.66 88. 1 \$26.94 \$33.27 \$112 2 \$30.13 \$36.46 \$122 3 \$40.98			۸۰۰۵	\$24.50					
Wyoming QW BRA 19.91 22 \$30.13 3 \$40.98 \$2.64 \$3.69 \$26.24 \$29.66 \$88. \$29.66 \$88. 1 \$26.94 2 \$30.13 3 \$40.98 \$36.46 \$36.46 \$47.31 \$122 \$36.46 \$159			Avg	\$24.56					
Wyoming QW BRA 19.91 22 \$30.13 3 \$40.98 \$2.64 \$3.69 \$26.24 \$29.66 \$88. \$29.66 \$88. 1 \$26.94 2 \$30.13 3 \$40.98 \$36.46 \$36.46 \$47.31 \$122 \$36.46 \$159	Wisconsin	SBC	1	\$10.90	\$3.71	\$3.45	\$18.06	\$27.57	65.5%
1 \$26.94 2 \$30.13 3 \$40.98 \$33.27 \$36.46 \$47.31 159	VVIGGOTIONI		•	Ψ10.00	ΨΟ.7 1	ΨΟ. 10	φ10.00	Ψ27.07	00.070
1 \$26.94 2 \$30.13 3 \$40.98 \$33.27 \$36.46 \$47.31 159	Wyoming	QW	BRA	\$19.91	\$2.64	\$3.69	\$26.24	\$29.66	88.5%
2 \$30.13 3 \$40.98 \$47.31 \$122	'		1	· ·				·	112.2%
3 \$40.98 \$47.31			2	-					122.9%
				•					159.5%
Avg \$23.39			_						
			Avg	\$23.39					

NOTES:

- 1. Monthly cost of switching based on usage of 1,000 minutes per month. In states with on-peak/off-peak pricing or originating/terminating pricing, the 1,000 minutes were allocated 50/50. In states with day/evening/night pricing, the 1,000 minutes were allocated 50/30/20. In states with per call or set up rates, it was assumed there were 100 calls per month.
- 2. The Total Cost column is the sum of monthly unbundled loop, port and switching. Because of the widely varying rate designs for transport for each state, transport costs are not included. However, the reader is cautioned that a complete UNE platform to provide local service would also include transport costs.
- 3. Monthly residential rates by state are taken from the FCC's Reference Book of Rates, Price Indices and Expenditures for Telephone Service, July 2002, Table 1.3, adjusted for changes in federal subscriber line charge and federal universal service surcharge on end-users. Rates for Delaware, Idaho, Iowa, Kansas, Nevada, New Hampshire, North Dakota, Oklahoma, South Carolina, South Dakota, Vermont & Wyoming taken from tariffs, including federal subscriber line charge and federal universal service surcharge on end-users.
- 4. The Percentage column is the Total Cost column divided by Average Residential Rate.

UNE RATE/BUSINESS RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted Updated July 2002

l-	_			lated July 2	-002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Business Rate	
State	Company	_		(per Month)		Cost	(per Month)	Percentage
Otate	Company	201163	(per Month)	(per worth)	(per Month)	0031	(per wonth)	reiceillage
Alabama	BS	1	\$15.24	\$2.07	\$1.70	\$19.01	\$48.61	39.1%
		2	\$24.75			\$28.52		58.7%
		3	\$44.85			\$48.62		100.0%
			* * * * * * * * * * * * * * * * * * * *			*		
		Avg	\$19.04					
		Avg	ψ13.04					
Alaska	ATU	1	\$14.92	\$4.27	\$6.60	\$25.79	\$32.99	78.2%
Arizona	QW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$44.41	52.6%
		2	\$34.94			\$39.35		88.6%
		3	\$56.53			\$60.94		137.2%
						·		
		Avg	\$21.98					
		7.19	Ψ21.00					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$43.52	34.0%
		2	\$13.64		\$1.69	\$16.94	7	38.9%
		1	\$23.34		\$2.53	\$27.48		63.1%
		'	Ψ20.04		Ψ2.00	ΨΖ1.40		03.170
		A	£42.00		¢4 04			
		Avg	\$13.09		\$1.84			
California	SBC	1	\$8.83	\$0.88	\$0.77	\$10.48	\$16.54	63.4%
		2	\$11.27	4 0 1 0 0	+ • · · · ·	\$12.92	4	78.1%
		3	\$19.63			\$21.28		128.7%
		3	φ19.03			ΦΖ1.Ζ0		120.7%
			# 0.00					
		Avg	\$9.93					
Colorado	QW	1	\$5.91	\$1.86	\$2.00	\$9.77	\$47.62	20.5%
00.0.00	۵.,		\$12.31	ψ1.00	Ψ2.00	\$16.17	ψ 11 .0 <u>2</u>	34.0%
		2						
		3	\$32.79			\$36.65		77.0%
		Avg	\$15.85					
_	_							
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$44.46	43.7%
		В	\$12.03			\$22.49		50.6%
		С	\$13.28			\$23.74		53.4%
		D	\$19.69			\$30.15		67.8%
		Avg	\$12.49					
		9	, . <u></u>					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$19.28	79.7%
-			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,	,	, , , , , , ,	
		<u> </u>	L	L			L	

^{**} On-NET Rate, includes shared transport.

			Upo	lated July 2	2002			
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Business Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
			,	,	,		, ,	
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$32.60	46.3%
Bolawaro	\ \Z	2	\$13.13	Ψ2.20	Ψ2.70	\$18.14	\$32.60	55.6%
		3	\$16.67			\$21.68	\$32.80	66.1%
		3	φ10.07			φ 2 1.00	φ32.60	00.176
		A ~	¢42.05					
		Avg	\$12.05					
			* 10 = 0	04.40	00 ==		* 40 = 0	0.5.00/
Florida	BS	1	\$12.79	\$1.40	\$0.77	\$14.96	\$42.79	35.0%
		2	\$17.27			\$19.44		45.4%
		3	\$33.36			\$35.53		83.0%
		Avg	\$15.81					
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$62.01	28.5%
		2	\$16.41	,		\$19.89	, , ,	32.1%
		3	\$26.08			\$29.56		47.7%
		U	Ψ20.00			Ψ20.00		47.770
		Δνα	\$16.51					
		Avg	\$10.51					
Hawaii	1/7	Oahu	¢40.44	#2.60	Ф7 C1	#20.74	ΦE4.60	40.1%
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$51.69	
		Maui	\$17.23			\$27.53		53.3%
		Hawaii	\$21.91			\$32.21		62.3%
								12 101
Idaho	QW	1	\$15.81	\$1.34	\$1.73	\$18.88	\$39.03	48.4%
		2	\$24.01			\$27.08		69.4%
		3	\$40.92			\$43.99		112.7%
		Avg	\$20.42					
		Ŭ						
Illinois	SBC	1A	\$2.59	\$5.01	n/a	\$7.60	\$12.57	60.5%
		1B	\$7.07	Port rate		\$12.08	*	96.1%
		1C	\$11.40	includes		\$16.41		130.5%
		2C	\$11.40	unlimited		\$16.41		130.5%
		20	φ11.40			φ10.41		130.376
		A ~	#0.04	switching				
		Avg	\$9.81					
la dia a	000	_	#0.00	ΦE 0.4	ΦO 4.4	040.04	#FO 40	00.70/
Indiana	SBC	3	\$8.03	\$5.34	\$3.44	\$16.81	\$58.49	28.7%
		2	\$8.15			\$16.93		28.9%
		1	\$8.99			\$17.77		30.4%
		Avg	\$8.20					
		<u> </u>						
Iowa	QW	1	\$13.11	\$1.15	\$0.69	\$14.95	\$36.46	41.0%
		2	\$15.64			\$17.48	\$34.52	50.6%
		3	\$27.27			\$29.11	\$32.58	89.3%
			Ψ=1. £ 1			Ψ=0.11	ψ0 <u>2</u> .00	33.570
		Avg	\$16.47					
		۸۷y	ψ10.4 <i>1</i>					

	1	1		lated July 2	2002		1 -	1
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Business Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
			,		,			
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$31.88	46.4%
ranodo	020	2	\$13.64	ψ	\$1.69	\$16.94	ψο 1.00	53.1%
		1	\$23.34		\$2.53	\$27.48		86.2%
		l I	φ 2 3.34		φ2.55	Φ21.40		00.2%
			04404					
		Avg	\$14.04					
Kentucky	BS	1	\$10.56	\$1.49	\$1.20	\$13.25	\$49.77	26.6%
		2	\$15.34			\$18.03		36.2%
		3	\$31.11			\$33.80		67.9%
		Avg	\$18.41					
Louisiana	BS	1	\$14.05	\$2.55	\$2.10	\$18.70	\$44.81	41.7%
		2	\$24.14		·	\$28.79		64.2%
		3	\$49.30			\$53.95		120.4%
			Ψ10.00			ψ00.00		120.170
		Avg	\$17.31					
		Avg	Ψ17.51					
Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$44.68	31.5%
Walle	٧Z			φυ.94	φ1.00	-	φ44.00	
		2	\$13.47			\$16.09		36.0%
		3	\$18.75			\$21.37		47.8%
		Avg	\$16.19					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$22.93	77.6%
		A2	\$12.85			\$18.55		80.9%
		B1	\$25.96			\$31.66		138.1%
		B2	\$18.40			\$24.10		105.1%
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$49.45	25.9%
		2	\$14.11		\$3.30	\$19.41		39.3%
		3	\$16.12		\$3.30	\$21.42		43.3%
		4	\$20.04		\$3.30	\$25.34		51.2%
		_	Ψ20.04		ψ0.00	Ψ20.0-		01.270
		Avg	\$14.98					
		Avy	φ14.90					
Michigan	SBC	Λ	\$8.47	\$2.53	\$1.19	\$12.19	\$22.95	53.1%
iviiciliyatt	360	A		φ2.55	φ1.18		φ∠∠.90	
		В	\$8.73			\$12.45		54.2%
		С	\$12.54			\$16.26		70.8%
		Avg	\$10.15					
	6		00.00	0:5-	0.5	A / · = =	A-2	01.551
Minnesota	QW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$53.58	21.8%
		2	\$12.33			\$15.22		28.4%
		3	\$14.48			\$17.37		32.4%
		4	\$21.91			\$24.80		46.3%
		Avg	\$17.87					
	1							·

	l			lated July 2	1002		1 4	
			Loop	Port		+	Average	
04-4-		Density	Rate	Rate	Switching	Total	Business Rate	_
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Mississippi	BS	1	\$15.58	\$2.11	\$2.38	\$20.07	\$49.55	40.5%
		2	\$20.65	+ =	V =	\$25.14	* ***********************************	50.7%
		3	\$29.51			\$34.00		68.6%
		4	\$38.94			\$43.43		87.6%
			,			·		
		Avg	\$21.26					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$47.55	33.8%
		2	\$18.64	\$1.97	\$1.95	\$22.56		47.4%
		3	\$19.74	\$2.47	\$2.81	\$25.02		52.6%
		4	\$16.41	\$2.25	\$2.39	\$21.05		44.3%
		Avg	\$15.19					
Montana	QW	1	\$23.10	\$1.58	\$0.69	\$25.37	\$43.25	58.7%
		2	\$23.90			\$26.17		60.5%
		3	\$27.13			\$29.40		68.0%
		4	\$29.29			\$31.56		73.0%
		Avg	\$23.72					
_								
Nebraska	QW	1	\$15.14	\$2.47	\$0.69	\$18.30	\$39.30	46.6%
		2	\$35.05			\$38.21		97.2%
		3	\$77.92			\$81.08		206.3%
			04==4					
		Avg	\$17.51					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$27.60	54.3%
		2	\$22.66			\$25.90		93.8%
		3	\$66.31			\$69.55		252.0%
		_						
		Avg	\$19.83					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$51.24	47.7%
,		2	\$15.87	\$2.20	·	\$25.99	\$46.88	55.4%
		3	\$24.09	\$2.21		\$34.22	\$38.32	89.3%
		Avg	\$17.53	\$2.22				
New Jersey	VZ	1	\$8.12	\$0.73	\$2.64	\$11.49	\$18.80	61.1%
		2	\$9.59			\$12.96		68.9%
		3	\$10.92			\$14.29		76.0%
		Avg	\$9.52					
New Mexico	QW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$46.26	43.8%
		2	\$20.30			\$22.79		49.3%
		3	\$26.23			\$28.72		62.1%
		Avg	\$20.50					

	1			lated July 2	1002		1 .	
			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Business Rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
New York	VZ	1	\$7.70	\$2.57	\$1.13	\$11.40	\$24.89	45.8%
		2	\$11.31			\$15.01		60.3%
		3	\$15.51			\$19.21		77.2%
		Avg	\$11.49					
North Carolina	BS	1	\$12.11	\$2.19	\$1.70	\$16.00	\$42.54	37.6%
		2	\$21.24	,	·	\$25.13		59.1%
		3	\$33.65			\$37.54		88.2%
			700100			******		
		Avg	\$15.88					
		7.19	Ψ10.00					
North Dakota	QW	1	\$14.78	\$1.27	\$0.69	\$16.74	\$35.30	47.4%
North Dakota	QVV	2		Ψ1.21	ψ0.09		ψ55.50	76.1%
		3	\$24.92			\$26.88		165.4%
		3	\$56.44			\$58.40		105.4%
		Λ	¢47.70					
		Avg	\$17.79					
Ohio	CDC	D	<u> </u>	#4.60	#2.22	¢42.70	#20.42	4E 00/
Ohio	SBC	В	\$5.93	\$4.63	\$3.23	\$13.79	\$30.13	45.8%
		С	\$7.97			\$15.83		52.5%
		D	\$9.52			\$17.38		57.7%
			07.04					
		Avg	\$7.01					
011.1	000		040.44	00.40	00.07	040.50	0.45.40	00.50/
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$45.49	36.5%
		2	\$13.65	\$2.21	\$2.52	\$18.38		40.4%
		1	\$26.25	\$2.58	\$3.80	\$32.63		71.7%
		Avg	\$14.84	\$2.25				
	0)4/	4	010.05	04.00	04.00	040.54	000.04	44.50/
Oregon	QW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$39.84	41.5%
		2	\$25.20			\$27.79		69.8%
		3	\$56.21			\$58.80		147.6%
		Avg	\$15.00					
	\ /=	4	040.0=	00.0=	04 = 4	044.00	000.00	70.00/
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$20.89	70.0%
		2	\$11.00			\$15.38		73.6%
		3	\$14.00			\$18.38		88.0%
		4	\$16.75			\$21.13		101.1%
			046.54					
		Avg	\$13.81					
DI		4	A 44.5	0.1.5	01.55	044.55	000.15	F 4 = 2 1
Rhode Island	VZ	1	\$11.19	\$1.86	\$1.28	\$14.33	\$26.18	54.7%
		2	\$15.44			\$18.58		71.0%
		3	\$19.13			\$22.27		85.1%
			.					
		Avg	\$13.93					

Updated July 2002											
			Loop	Port			Average				
		Density	Rate	Rate	Switching	Total	Business Rate				
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage			
			. ,				,				
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$49.24	35.8%			
Court Carolina		2	\$21.39	Ψ1.00	Ψ1.00	\$24.09	\$45.84	52.6%			
		3				\$29.42	\$40.74				
		3	\$26.72			\$29.42	Φ40.74	72.2%			
			4. . . .								
		Avg	\$17.60								
South Dakota	QW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$44.96	49.6%			
		2	\$18.54			\$23.85		53.0%			
		3	\$24.37			\$29.68		66.0%			
		Avg	\$21.09								
		,9	Ψ21.00								
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$57.44	27.6%			
Termessee	_ BO	2	\$17.23	Ψ1.03	Ψ0.00	\$19.92	ψ57.44	34.7%			
		3	\$22.53			\$25.22		43.9%			
		Avg	\$14.92								
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$40.11	39.5%			
		2	\$13.65	\$2.47		\$18.24		45.5%			
		1	\$18.98	\$4.21		\$25.31		63.1%			
		Avg	\$14.15	\$2.90							
		5	*	4-10-0							
Utah	QW	1	\$14.77	\$0.89	\$2.30	\$17.96	\$30.30	59.3%			
- Ctair	۵.,	2	\$17.76	\$0.90	\$2.66	\$21.32	φου.σο	70.4%			
		3									
		3	\$20.29	\$1.02	\$2.90	\$24.21		79.9%			
			040.40	40.00							
		Avg	\$16.13	\$0.92							
				1 1 1 1 1	0 4.00	A 40 ==	0.17 .00	00.00/			
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$47.33	26.9%			
		2	\$8.35			\$13.38		28.3%			
		3	\$21.63			\$26.66		56.3%			
		Avg	\$14.41								
		_									
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$79.86	19.0%			
		2	\$16.45			\$20.85		26.1%			
		3	\$29.40			\$33.80		42.3%			
			Ψ20.70			Ψ00.00		12.070			
		Avg	\$13.597								
		۸۷y	ψ13.397								
Washington	QW	1	\$6.41	\$1.34	\$1.20	\$8.95	\$39.41	22.7%			
wasiiiigtoii	۷۷۷			φ1.3 4	φι.Ζυ		φυσ.41				
		2	\$11.35			\$13.89		35.2%			
		3	\$12.76			\$15.30		38.8%			
		4	\$14.31			\$16.85		42.8%			
		5	\$19.06			\$21.60		54.8%			
		Avg	\$14.56								
<u> </u>	1			l .	iI		L				

Opdated July 2002											
			Loop	Port			Average				
		Density	Rate	Rate	Switching	Total	Business Rate				
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage			
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$61.73	38.6%			
		2	\$22.04			\$30.88		50.0%			
		3	\$43.44			\$52.28		84.7%			
		Avg	\$24.58								
Wisconsin	SBC	1	\$10.90	\$3.71	\$3.45	\$18.06	\$21.55	83.8%			
Wyoming	QW	BRA	\$19.91	\$2.64	\$3.69	\$26.24	\$29.66	88.5%			
		1	\$26.94			\$33.27		112.2%			
		2	\$30.13			\$36.46		122.9%			
		3	\$40.98			\$47.31		159.5%			
		Avg	\$23.39								

NOTES:

- 1. Monthly cost of switching based on usage of 1,000 minutes per month. In states with on-peak/off-peak pricing or originating/terminating pricing, the 1,000 minutes were allocated 50/50. In states with day/evening/night pricing, the 1,000 minutes were allocated 50/30/20. In states with per call or set up rates, it was assumed there were 100 calls per month.
- 2. The Total Cost column is the sum of monthly unbundled loop, port and switching. Because of the widely varying rate designs for transport for each state, transport costs are not included. However, the reader is cautioned that a complete UNE platform to provide local service would also include transport costs.
- 3. Monthly residential rates by state are taken from the FCC's Reference Book of Rates, Price Indices and Expenditures for Telephone Service, July 2002, Table 1.10, adjusted for changes in the federal subscriber line charge and federal universal service surcharge on end-users. Rates for Delaware, Idaho, Iowa, Kansas, Nevada, New Hampshire, North Dakota, Oklahoma, South Carolina, South Dakota, Vermont & Wyoming taken from tariffs, including federal subscriber line charge and federal universal service surcharge on end-users.
- 4. The Percentage column is the Total Cost column divided by Average Residential Rate.