UNBUNDLED NETWORK ELEMENT RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted Updated April, 2001

	_		Opualeu Api			
			Loop	Port		Tandem Switching
		Density		Rate	Switching	and Transport
State	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
Alabama	BS	1	\$15.24	\$2.50	\$0.0017	\$0.0015
		2	\$24.75			Tandem Switching
		3	\$44.85			\$0.00036 & \$0.00004/mile
						Common Transport
		Avg	\$19.04			\$0.0015
Alaska	ATU	1	\$13.85	\$4.27	\$0.006595	\$0.004712
						Tandem Switching
						\$0.000416
						Termination
	ACS	1	\$19.19	\$1.38	\$0.00203	\$0.00155
						Tandem Switching
						\$0.00023
						Common Transport
Arizona	USW	1	\$21.98	\$1.61	\$0.0028	\$0.0014
						Tandem Switching
						\$0.00088
						Common Transport
Arkansas	SBC	3	\$18.75	\$2.75	\$0.004586	\$0.001665
		2	\$31.60		\$0.006137	Tandem Switching
		1	\$71.05		\$0.002352	\$0.000423 - \$0.000534
						plus per mile
						Common Transport
California	SBC	1	\$10.03	\$2.88*	\$0.00594 set up/	\$0.00075 set up &
		2	\$13.51		\$0.00184	\$0.00067
		3	\$25.53		Originating	Tandem Switching
					\$0.007 set up/	\$0.00113
					\$0.00181	Terminating
					Terminating	
Colorado	USW	BRA	\$19.65	\$1.15	\$0.00283	\$0.002007
		1	\$26.65			Tandem Switching
		2	\$38.65			
		3	\$84.65			
Connecticut	SBC	1A	\$8.95	\$3.31	\$0.007151**	\$0.001984
		В	\$12.03			Tandem Switching
		С	\$13.28			
		D	\$19.69			
		Avg	\$12.49			
*D 1 1 1						

^{*}Port rate doesn't include vertical features.

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

Ctata	Campany	Density	Loop Rate	Port Rate	Switching	Tandem Switching and Transport
D.C.	Company VZ	Zones 1	(per Month) \$10.81	(per Month) \$1.55	(per MOU) \$0.003	(per MOU) \$0.001043 Tandem Switching \$0.00015 & \$0.00003/mile Common Transport
Delaware	VZ	1 2 3 Avg	\$10.07 \$13.13 \$16.67 \$12.05	\$2.23	\$0.003634 Originating \$0.001927 Terminating	\$0.0006688 Tandem Switching \$0.0001221 & \$0.0000022/mile Common Transport
Florida	BS	1 2 3	\$13.76 \$20.13 \$44.40	\$1.62	\$0.0008846	\$0.0001522 Tandem Switching \$0.0000039 Common Transport
Georgia	BS	1 2 3 Avg	\$14.21 \$16.41 \$26.08 \$16.51	\$1.85	\$0.001633	\$0.0006757 Tandem Switching \$0.0002126 Common Transport
Hawaii	VZ	Oahu Maui Hawaii	\$10.44 \$17.23 \$21.91	\$2.69	\$0.0076074	\$0.0012572 Tandem Switching \$0.0002710 Common Transport
Idaho	USW	1	\$25.52	\$1.34	\$0.0029	\$0.0032 Tandem Switching \$0.00218 Common Transport
Illinois	AIT	1A 1B 1C 2C	\$2.59 \$7.07 \$11.40 \$11.40 \$9.81	\$5.01 Port rate includes unlimited switching	n/a	\$0.000215 Tandem Switching \$0.000809 Common Transport
Indiana	AIT	3 2 1 Avg	\$8.03 \$8.15 \$8.99 \$8.20	\$5.34	\$0.003444	\$0.000307 Tandem Switching \$0.00066 Common Transport

		Loop	Port		Tandem Switching
	Density	Rate	Rate	Switching	and Transport
Company	-	(per Month)	(per Month)		(per MOU)
					\$0.00424
	9	+	*****	******	Tandem Switching
					\$0.00134
					Common Transport
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
					Common Transport
	Avg	\$14.04			
VZ	1	\$17.44	\$4.02	\$0.0036192	\$0.0008209
		•		•	Tandem Switching
	3	\$25.84		•	
				terminating	
	Avg	\$19.65			
BS	1	\$13.54	\$2.61	\$0.002562	\$0.001096
	2	\$19.73	•		Tandem Switching
	3	\$28.27			\$0.000426
					Common Transport
	Avg	\$20.00			
BS	1	\$19.35	\$2.20	\$0.0021	\$0.0008
	2	\$22.84			Tandem Switching
					\$0.00047
					Common Transport
VZ	1	\$12.67	\$2.24	\$0.003197-\$0.00707	\$0.002575 - \$0.001776
	2	\$15.59	\$2.07	\$0.005262-\$0.002263	Tandem Switching
	3	\$23.00	\$1.82	\$0.009101-\$0.005389	\$0.000886 - \$0.00000
					Common Transport
	Avg	\$17.53			
VZ	A1	\$12.11	\$1.90	\$0.0038	\$0.000695
	A2	\$12.85			Tandem Switching
	B1	\$25.96			\$0.000353
	B2	\$18.40			Common Transport
	Avg	\$14.50			
VZ	1	\$7.54	\$2.00	\$0.004647-\$0.001872	\$0.00119 -\$0.000851
				\$0.004724-\$0.001872	Tandem Switching
		•			\$0.002201-\$0.000489
	4	\$20.04			Common Transport
	Avg	\$14.98			
	VZ BS VZ VZ	Company Zones USW Avg SBC 3 2 1 1 Avg VZ 1 2 3 Avg BS 1 2 3 Avg VZ 1 2 3 Avg VZ 1 2 Avg VZ 1 2 Avg VZ A1 A2 B1 B2 Avg VZ 1 2 3 Avg VZ 1 2 3 Avg	Company Zones (per Month) USW Avg \$20.15 SBC 3 \$11.86 2 \$13.64 1 \$23.34 Avg \$14.04 VZ 1 \$17.44 2 \$22.23 3 \$25.84 Avg \$19.65 \$19.73 \$28.27 Avg \$20.00 \$20.00 BS 1 \$19.35 \$22.84 VZ 1 \$12.67 \$2 \$15.59 3 \$23.00 \$23.00 Avg \$17.53 VZ A1 \$12.11 A2 \$12.85 \$1 B1 \$25.96 \$2 \$18.40 Avg \$14.50 VZ 1 \$7.54 \$14.11 \$16.12 4 \$20.04	Company Zones (per Month) (per Month) USW Avg \$20.15 \$1.15 SBC 3 \$11.86 \$1.61 2 \$13.64 \$1.61 4 \$2.3.34 \$4.02 VZ 1 \$17.44 \$4.02 2 \$22.23 \$2.84 Avg \$19.65 \$2.61 BS 1 \$13.54 \$2.61 2 \$19.73 \$28.27 Avg \$20.00 \$2.20 BS 1 \$19.35 \$2.20 VZ 1 \$12.67 \$2.24 2 \$15.59 \$2.07 3 \$23.00 \$1.82 VZ A1 \$12.11 \$1.90 VZ A1 \$12.85 \$1.90 BB \$25.96 \$2 \$18.40 Avg \$14.50 \$2.00 VZ 1 \$7.54 \$2.00 VZ 1 \$7.54 \$2.00<	Company Zones (per Month) (per MOU) USW Avg \$20.15 \$1.15 \$0.00213 SBC 3 \$11.86 \$1.61 \$0.00131 \$0.00169 1 \$23.34 \$0.00253 \$0.00253 Avg \$14.04 \$0.0036192 originating \$0.0032276 terminating \$0.0032276 terminating \$0.0032276 terminating \$0.0032276 terminating \$0.0032276 terminating \$0.0032276 terminating \$0.0002262 BS 1 \$13.54 \$2.61 \$0.002562 BS 1 \$19.35 \$2.21 \$0.002562 Avg \$20.00 \$2.22 \$0.0021 VZ 1 \$12.67 \$2.24 \$0.003197-\$0.00707 \$0.005262-\$0.002263 \$0.00263 \$0.004647-\$0.005389 VZ 1 \$12.67 \$2.24 \$0.009101-\$0.005389 VZ A1 \$12.11 \$1.90 \$0.0038 VZ A1 \$12.11 \$1.90 \$0.004647-\$0.001872 VZ 1 \$7.54 \$2.00 \$0.004647-\$0.001872 VZ 1 \$7.54 \$2.00 \$0.004724-\$0.001

		Loop	Port		Tandem Switching
	Density	Rate	Rate	Switching	and Transport
Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
AIT	Α	\$8.47	\$2.53	\$0.001192	\$0.001058
	В	\$8.73			Tandem Switching
	С	\$12.54			\$0.000446
					Common Transport
	Avg	\$10.15			
USW	1	\$8.81	\$1.08	\$0.00181	\$0.00134
					Tandem Switching
					\$0.001484
	4	\$21.91			Common Transport
	Avg	\$17.87			
BS	1	\$16.71	\$2.11	\$0.0012771	\$0.0007834
		\$21.45			Tandem Switching
					\$0.0004281
	4	\$38.59			Common Transport
SBC	1	\$12.71	\$1.74	\$0.001988	\$0.00151
		\$20.71	\$1.97	\$0.002391	Tandem Switching
				-	\$0.00019-\$0.000302
	4	\$18.23	\$2.25	\$0.002934	Common Transport
USW	1	\$26.69	\$1.45	\$0.0029	\$0.0068
		\$27.62			Tandem Switching
					\$0.001459
	4	\$33.95			Common Transport
	Avg	\$27.41			
USW	1	\$13.56	\$1.37	\$0.004131	\$0.002594
	2	\$27.12			Tandem Switching
	3	\$54.24			\$0.001243
		* 44.00			Common Transport
	Avg	\$14.32			
SBC	1	\$11.75	\$1.63	\$0.00161	\$0.00171
					Tandem Swtiching
	3	\$66.31			\$0.00727 Common Transport
	Avg	\$19.83			Common Transport
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
	Avg	\$17.99	\$2.22		Common Transport
	USW USW USW USW	Company Zones AIT A B C C Avg USW 1 2 3 4 Avg BS 1 2 3 4 Avg SBC 1 2 3 4 Avg USW 1 2 3 Avg USW 1 2 3 Avg SBC 1 2 3 Avg VZ 1 2 3 Avg VZ 1 2 3 Avg VZ 1 2 3 Avg	Company Zones (per Month) AIT A \$8.47 B \$8.73 C \$12.54 Avg \$10.15 USW 1 \$8.81 2 \$12.33 \$14.48 4 \$21.91 \$21.91 Avg \$17.87 \$16.71 BS 1 \$16.71 2 \$21.45 \$29.75 4 \$38.59 \$38.59 SBC 1 \$12.71 2 \$20.71 \$33.32.9 4 \$18.23 \$18.23 USW 1 \$26.69 2 \$27.62 \$31.36 4 \$33.95 \$31.36 Avg \$27.41 \$54.24 Avg \$14.32 SBC 1 \$11.75 2 \$22.66 3 \$66.31 Avg \$19.83 VZ 1 \$15.87 3 \$24.09 <td>Company Density Zones Rate (per Month) (per Month) Rate (per Month) Rate (per Month) AIT A \$8.47 \$2.53 \$2.53 B \$8.73 C \$12.54 \$10.15 USW 1 \$8.81 \$1.08 2 \$12.33 3 \$14.48 4 \$21.91 \$16.71 \$2.11 Avg \$17.87 BS 1 \$16.71 \$2.11 2 \$21.45 3 \$29.75 4 \$38.59 \$1.97 3 \$33.29 \$2.47 SBC 1 \$12.71 \$1.74 \$1.97 3 \$33.29 \$24.7 \$2.25 \$2.47 \$18.23 \$2.25 USW 1 \$26.69 \$1.45 2 \$27.62 3 \$31.36 4 \$333.95 \$1.45 Avg \$27.41 USW 1 \$13.56 \$1.37 2 \$27.12 3 \$54.24 \$14.32 SBC 1 \$11.75 \$1.63 2 \$22.66 3 \$66.31 \$66.31 Avg \$19.83 VZ 1 \$14.01 \$2.51 \$2.20 \$2.21 3 \$24.09 \$2.21</td> <td>Company Density Zones Rate (per Month) (per Month) Rate (per Month) Switching (per MOU) AIT A \$8.47 \$8.73 C \$12.54 \$2.53 \$0.001192 Avg \$10.15 \$0.001192 USW 1 \$8.81 \$1.08 \$0.00181 2 \$12.33 3 \$14.48 4 \$21.91 \$0.0012771 Avg \$17.87 BS 1 \$16.71 \$2.11 \$0.0012771 2 \$21.45 3 \$2.97.5 4 \$38.59 \$0.002771 SBC 1 \$12.71 \$1.74 \$0.001988 \$0.002391 3 \$33.29 \$2.47 \$0.003444 \$18.23 \$2.25 \$0.002934 USW 1 \$26.69 \$1.45 \$0.0029 2 \$27.62 3 \$31.36 4 \$33.95 Avg \$1.45 \$0.0029 Avg \$27.41 USW 1 \$13.56 \$1.37 \$0.004131 SBC 1 \$11.75 \$1.63 \$0.00161 2 \$27.62 3 \$54.24 Avg \$1.432 Avg \$14.32 SBC 1 \$11.75 \$1.63 \$0.00161 2 \$22.66 3 \$22.66 3 \$1.83 \$0.00161 3 \$66.31 Avg \$19.83 VZ 1 \$14.01 \$2.51 \$2.20 \$2.20 \$3.24.09 \$2.21</td>	Company Density Zones Rate (per Month) (per Month) Rate (per Month) Rate (per Month) AIT A \$8.47 \$2.53 \$2.53 B \$8.73 C \$12.54 \$10.15 USW 1 \$8.81 \$1.08 2 \$12.33 3 \$14.48 4 \$21.91 \$16.71 \$2.11 Avg \$17.87 BS 1 \$16.71 \$2.11 2 \$21.45 3 \$29.75 4 \$38.59 \$1.97 3 \$33.29 \$2.47 SBC 1 \$12.71 \$1.74 \$1.97 3 \$33.29 \$24.7 \$2.25 \$2.47 \$18.23 \$2.25 USW 1 \$26.69 \$1.45 2 \$27.62 3 \$31.36 4 \$333.95 \$1.45 Avg \$27.41 USW 1 \$13.56 \$1.37 2 \$27.12 3 \$54.24 \$14.32 SBC 1 \$11.75 \$1.63 2 \$22.66 3 \$66.31 \$66.31 Avg \$19.83 VZ 1 \$14.01 \$2.51 \$2.20 \$2.21 3 \$24.09 \$2.21	Company Density Zones Rate (per Month) (per Month) Rate (per Month) Switching (per MOU) AIT A \$8.47 \$8.73 C \$12.54 \$2.53 \$0.001192 Avg \$10.15 \$0.001192 USW 1 \$8.81 \$1.08 \$0.00181 2 \$12.33 3 \$14.48 4 \$21.91 \$0.0012771 Avg \$17.87 BS 1 \$16.71 \$2.11 \$0.0012771 2 \$21.45 3 \$2.97.5 4 \$38.59 \$0.002771 SBC 1 \$12.71 \$1.74 \$0.001988 \$0.002391 3 \$33.29 \$2.47 \$0.003444 \$18.23 \$2.25 \$0.002934 USW 1 \$26.69 \$1.45 \$0.0029 2 \$27.62 3 \$31.36 4 \$33.95 Avg \$1.45 \$0.0029 Avg \$27.41 USW 1 \$13.56 \$1.37 \$0.004131 SBC 1 \$11.75 \$1.63 \$0.00161 2 \$27.62 3 \$54.24 Avg \$1.432 Avg \$14.32 SBC 1 \$11.75 \$1.63 \$0.00161 2 \$22.66 3 \$22.66 3 \$1.83 \$0.00161 3 \$66.31 Avg \$19.83 VZ 1 \$14.01 \$2.51 \$2.20 \$2.20 \$3.24.09 \$2.21

			Loop	Port		Tandem Switching
		Density	Rate	Rate	Switching	and Transport
State	Company	Zones	(per Month)	(per Month)	(per MOU)	(per MOU)
New Jersey	VZ	1	\$11.95	\$1.90	\$0.005418	\$0.001323
		2	\$16.02		Originating	Tandem Switching
		3	\$20.98		\$0.003207	\$0.0002486 & \$0.0000012/mile
					Terminating	Common Transport
		Avg	\$16.17			
New Mexico	USW	1	\$17.75	\$1.38	\$0.0011083	\$0.001616
		2	\$20.30			Tandem Switching
		3	\$26.23			\$0.001882
						Common Transport
New York	VZ	1	\$11.83	\$2.50	\$0.003806-\$0.001508	\$0.00456-\$0.00067
		2	\$12.49			Tandem Switching
		3	\$19.24			\$0.003141-\$0.000321
		_	.			Common Transport
		Avg	\$14.81			
North Carolina	BS	1	\$16.71	\$2.19	\$0.0017	\$0.0009
						Tandem Switching
						\$0.00034
						Common Transport
North Dakota	USW	1	\$16.41	\$1.27	\$0.002	\$0.0084
		2	\$27.66			Tandem Switching
		3	\$62.66			\$0.004392
						Common Transport
Ohio	AIT	В	\$5.93	\$4.63	\$0.003226	\$0.000689
		С	\$7.97			Tandem Switching
		D	\$9.52			
Oklahoma	SBC	3	\$12.14	\$2.18	\$0.002268	\$0.000956
		2	\$13.65	\$2.21	\$0.002516	Tandem Switching
		1	\$26.25	\$2.58	\$0.0038	\$0.000266-\$0.000499
						Common Transport
		Avg	\$14.84	\$2.25		
Oregon	USW	1	\$13.95	\$1.14	\$0.001463	\$0.001596
		2	\$25.20		originating	Tandem Switching
		3	\$56.21		\$0.00133	\$0.000005 - \$0.000012
					terminating	Common Transport
		Avg	\$15.00			
Pennsylvania	VZ	1	\$10.25	Option A:	\$0.001802	\$0.000795
		2	\$11.00	\$2.67	Originating	Tandem Switching
		3	\$14.00	Option B:**	\$0.001615	\$0.000144 & \$0.000003/mile
		4	\$16.75	\$1.90	Terminating	Common Transport
		Avg	\$13.81			

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

		_	Loop	Port		Tandem Switching
State	Company	Density Zones	Rate (per Month)	Rate (per Month)	Switching (per MOU)	and Transport (per MOU)
Rhode Island	VZ	1	\$12.05	\$4.47	\$0.01237	\$0.01193
Tariode Island	٧٧	2	\$16.62	Ψ4.47	Peak	Tandem Switching
		3	\$20.59		\$0.00419	\$0.002199-\$0.00027
			4 _0.00		Off peak	Common Transport
						-
South Carolina	BS	1	\$18.48	\$2.35	\$0.0019295	\$0.0006843
		2	\$27.87			Tandem Switching
		3	\$36.91			\$0.0004672
						Common Transport
South Dakota	USW	1	\$7.01	\$1.84	\$0.003469	\$0.001748
		2	\$18.54			Tandem Switching
		3	\$24.37			\$0.001388
						Common Transport
Tennessee	BS	1	\$13.19	\$1.89	\$0.0008041	\$0.0009778
		2	\$17.23	·	·	Tandem Switching
		3	\$22.53			\$0.00038
						Common Transport
		Avg	\$14.92			
Texas	SBC	3	\$12.14	\$1.94	\$0.002116	\$0.000794
		2	\$13.65	\$2.15		Tandem Switching
		1	\$18.98	\$3.25		\$0.000123-\$0.000144
			** *****			Common Transport
		Avg	\$14.15	\$2.90		
Utah	USW	1	\$14.41	\$0.89	\$0.002299	\$0.001059
		2	\$17.47	\$0.90	\$0.002664	Tandem Switching
		3	\$24.14	\$1.02	\$0.002896	\$0.000921
			# 00.00			Common Transport
		Avg	\$20.00			
Vermont	VZ	1	\$7.72	\$1.03	\$0.004003	\$0.000921
		2	\$8.35			Tandem Switching
		3	\$21.63			\$0.000630
			04444			Common Transport
		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
		Avg	\$13.597			

			Loop	Port		Tandem Switching
		Density	Rate	Rate	Switching	and Transport
State	Company	Zones	(per Month)		(per MOU)	(per MOU)
Washington	USW	1	\$7.91	\$1.34	\$0.0012	\$0.00141
		2	\$14.13			Tandem Switching
		3	\$15.90			\$0.00217
		4	\$17.85			Common Transport
		5	\$23.82			
		Avg	\$11.33			
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
		Avg	\$24.58			
Wisconsin	AIT	1	\$10.90	\$3.71	\$0.003451	\$0.000674
						Tandem Switching
						\$0.001072
						Common Transport
Wyoming	USW	BRA	\$19.05	\$1.53	\$0.003753	\$0.001642
		1	\$31.83			Tandem Switching
		2	\$40.11			\$0.000318 fixed & per mile
		3	\$58.43			Tandem Transmission
1		1	I			

UNE RATE/REVENUE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Alabama	BS	1	\$15.24	\$2.50	\$1.70	\$19.44	\$41.05	47.4%
		2	\$24.75			\$28.95		70.5%
		3	\$44.85			\$49.05		70.5%
		Avg	\$19.04					
Alaska	ATU	1	\$13.85	\$4.27	\$6.60	\$24.72	n/a	n/a
riadita	ACS	1	\$19.19	\$1.38	\$2.03	\$22.60	11/4	11/4
	1,00	·	Ψ10.10	Ψ1.00	Ψ2.00	Ψ22.00		
Arizona	USW	1	\$21.98	\$1.61	\$2.80	\$26.39	\$34.05	77.5%
	000		* 40.75	20.75	0.4.50	***	* 05.40	70.70/
Arkansas	SBC	3	\$18.75	\$2.75	\$4.59	\$26.09	\$35.42	73.7%
		2	\$31.60		\$6.14	\$40.49		114.3%
		1	\$71.05		\$2.35	\$76.15		215.0%
California	SBC	1	\$10.03	\$2.88*	\$2.47	\$15.38	\$27.80	55.3%
		2	\$13.51			\$18.86		67.8%
		3	\$25.53			\$30.88		111.1%
Colorado	USW	BRA	\$19.65	\$1.15	\$2.83	\$23.63	\$40.82	57.9%
		1	\$26.65			\$30.63		75.0%
		2	\$38.65			\$39.80		97.5%
		3	\$84.65			\$88.63		217.1%
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$28.94	67.1%
Connecticut	l obc	В	\$12.03	ψυ.υ ι	Ψ1.10	\$22.49	Ψ20.94	77.7%
		C	\$13.28			\$23.74		82.0%
		D	\$19.69			\$30.15		104.2%
			Ψ.σ.σσ			400		
		Avg	\$12.49					
D 0	\ /7	4	010.01	04.55	#0.00	0.15.00	000.40	10.50/
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$36.10	42.5%
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$28.34	53.2%
		2	\$13.13			\$18.14		64.0%
		3	\$16.67			\$21.68		76.5%
		Avg	\$12.05					
Florida	BS	1	\$13.76	\$1.62	\$0.88	\$16.26	\$33.87	48.0%
litionua	53	1	\$13.76	Φ1.0∠	φυ.00	\$16.26	φοσ.οι	48.0% 66.8%
		2 3	\$20.13 \$44.40			\$22.03 \$46.90		138.5%
		5	ψ 11.1 0			ψ 1 0.80		100.070
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^{*}Port rate doesn't include vertical features.

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

	<u> </u>		Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	Zones	(per Month)	(per Month)	J	Cost	(per Month)	Percentage
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$42.60	41.5%
		2	\$16.41			\$19.89		46.7%
		3	\$26.08			\$29.56		69.4%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$40.18	51.6%
		Maui	\$17.23			\$27.53		68.5%
		Hawaii	\$21.91			\$32.21		80.2%
Idaho	USW	1	\$25.52	\$1.34	\$2.90	\$29.76	\$33.24	89.5%
Illinois	AIT	1A	\$2.59	\$5.01	n/a	\$7.60	\$34.57	22.0%
		1B	\$7.07	Port rate		\$12.08		34.9%
		1C	\$11.40	includes		\$16.41		47.5%
		2C	\$11.40	unlimited switching		\$16.41		47.5%
		Avg	\$9.81	Switching				
Indiana	AIT	3	\$8.03	\$5.34	\$3.44	\$16.81	\$32.35	52.0%
		2	\$8.15			\$16.93		52.3%
		1	\$8.99			\$17.77		54.9%
		Avg	\$8.20					
Iowa	USW	Avg	\$20.15	\$1.15	\$2.13	\$23.43	\$27.38	85.6%
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$34.90	42.3%
		2	\$13.64		\$1.69	\$16.94		48.5%
		1	\$23.34		\$2.53	\$27.48		78.7%
		Avg	\$14.04					
Kentucky	VZ	1	\$17.44	\$4.02	\$3.42	\$24.88	\$40.16	62.0%
		2	\$22.23			\$29.67		73.9%
		3	\$25.84			\$33.28		82.9%
		Avg	\$19.65					
	BS	1	\$13.54	\$2.61	\$2.56	\$18.71	\$40.16	46.6%
		2	\$19.73	Ψ=.01	Ψ2.00	\$24.90	ψ10.10	62.0%
		3	\$28.27			\$33.44		83.3%
		Avg	\$20.00					
Louisiana	BS	1	\$19.35	\$2.20	\$2.10	\$23.65	\$41.82	56.6%
3		2	\$22.84	,	, , .	\$27.14		64.9%
				l .			<u>I</u>	

	1		Loon	Port			Average	
		Density	Loop Rate	Rate	Switching	Total	Revenue/line	
State	Company		(per Month)	(per Month)	J	Cost	(per Month)	Percentage
Maine	VZ	1	\$12.67	\$2.24	\$2.89	\$17.80	\$31.09	57.3%
i i i i i i i i i i i i i i i i i i i	'-	2	\$15.59	\$2.07	\$4.90	\$22.56	φσ1.σσ	72.6%
		3	\$23.00	\$1.82	\$8.66	\$33.48		107.7%
			•	·		•		
		Avg	\$17.53					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$33.40	53.3%
iviai yiai iu	٧Z	A2	\$12.11 \$12.85	φ1.90	φ3.60	\$17.61 \$18.55	φ33.40	55.5% 55.5%
		B1	\$25.96			\$31.66		94.8%
		B2	\$18.40			\$24.10		72.1%
			4			4		
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$30.87	41.5%
		2	\$14.11		\$3.30	\$19.41		62.9%
		3	\$16.12		\$3.30	\$21.42		69.4%
		4	\$20.04		\$3.30	\$25.34		82.1%
		A	04400					
		Avg	\$14.98					
Michigan	AIT	Α	\$8.47	\$2.53	\$1.19	\$12.19	\$29.01	42.0%
		В	\$8.73			\$12.45		42.9%
		С	\$12.54			\$16.26		56.0%
			040.45					
		Avg	\$10.15					
Minnesota	USW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$33.26	35.2%
		2	\$12.33			\$15.22		45.8%
		3	\$14.48			\$17.37		52.2%
		4	\$21.91			\$24.80		74.6%
		A	¢47.07					
		Avg	\$17.87					
Mississippi	BS	1	\$16.71	\$2.11	\$1.28	\$20.10	\$45.10	44.6%
		2	\$21.45			\$24.84		55.1%
		3	\$29.75			\$33.14		73.5%
		4	\$38.59			\$41.98		93.1%
Missouri	SBC	1	\$12.71	\$1.74	\$1.99	\$16.44	\$32.96	49.9%
		2	\$20.71	\$1.97	\$2.39	\$25.07		76.1%
		3	\$33.29	\$2.47	\$3.44	\$39.20		118.9%
		4	\$18.23	\$2.25	\$2.93	\$23.41		71.0%
Montana	USW	1	\$26.69	\$1.45	\$2.90	\$31.04	\$35.60	87.2%
		2	\$27.62			\$31.97		89.8%
		3	\$31.36			\$35.71		100.3%
		4	\$33.95			\$38.30		107.6%
		۸۰.۰	¢07.44					
		Avg	\$27.41					
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			Loon	Port			Average	
		Density	Loop Rate	Rate	Switching	Total	Average Revenue/line	
State	Company		(per Month)	(per Month)	•	Cost	(per Month)	Percentage
Nebraska	USW	1	\$13.56	\$1.37	\$4.13	\$19.06	\$40.13	47.5%
INCDIASKA	0377	2	\$13.30	ψ1.51	ψ4.13	\$32.62	ψ40.13	81.3%
		3	\$54.24			\$59.74		148.9%
		3	ψυτ.Ζτ			ψυσ.1 -		140.570
		Avg	\$14.32					
		7.09	ΨσΞ					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$27.47	54.6%
		2	\$22.66			\$29.93		109.0%
		3	\$66.31			\$69.55		253.2%
		Avg	\$19.83					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$29.23	83.6%
		2	\$15.87	\$2.20		\$25.99		88.9%
		3	\$24.09	\$2.21		\$34.22		117.1%
		A	047.50	#0.00				
		Avg	\$17.53	\$2.22				
New Jersey	VZ	1	\$11.95	\$1.90	\$4.31	\$18.16	\$25.28	71.8%
INCW OCISCY	\ \Z	2	\$16.02	Ψ1.50	Ψ+.51	\$22.23	Ψ23.20	87.9%
		3	\$20.98			\$27.19		107.6%
			Ψ20.00			ΨΞΙΙΙΟ		1011070
		Avg	\$16.17					
			•					
New Mexico	USW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$35.59	56.9%
		2	\$20.30			\$22.79		64.0%
		3	\$26.23			\$28.72		80.7%
			* * * * * * * * * * * * * * * * * * *			4. - - -		= 0 /
New York	VZ	1	\$11.83	\$2.50	\$2.75	\$17.08	\$41.19	41.5%
		2 3	\$12.49			\$17.74		43.1%
		3	\$19.24			\$24.49		59.5%
		Avg	\$14.81					
		Avg	Ψ17.01					
North Carolina	BS	1	\$16.71	\$2.19	\$1.70	\$20.60	\$36.05	57.1%
		·	Ψ.σ	Ψ=	V V	Ψ=0.00	,	C 111,70
North Dakota	USW	1	\$16.41	\$1.27	\$2.00	\$19.68	\$29.83	66.0%
		2	\$27.66			\$30.93		103.7%
		3	\$62.66			\$65.93		221.0%
Ohio	AIT	В	\$5.93	\$4.63	\$3.23	\$13.79	\$32.83	42.0%
		С	\$7.97			\$15.83		48.2%
		D	\$9.52			\$17.38		52.9%
Oklaharra	CDC	_	#40.44	#0.40	ድር ርን	#46 F0	#20.0 7	E0 00/
Oklahoma	SBC	3	\$12.14 \$12.65	\$2.18	\$2.27	\$16.59	\$32.67	50.8%
		2 1	\$13.65 \$26.25	\$2.21 \$2.58	\$2.52 \$3.80	\$18.38 \$32.63		56.3% 99.9%
		'	\$26.25	\$2.58	\$3.80	\$32.63		99.9%
		Avg	\$14.84	\$2.25				
		, .vg	ψ17.0-	Ψ2.20				
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			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	,	(per Month)	(per Month)	J	Cost	(per Month)	Percentage
Oregon	USW	1	\$13.95	\$1.14	\$1.40	\$16.49	\$32.62	50.6%
		2	\$25.20			\$27.74		85.0%
		3	\$56.21			\$58.75		180.1%
		Avg	\$15.00					
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$26.57	55.1%
		2	\$11.00			\$15.38		57.9%
		3	\$14.00			\$18.38		69.2%
		4	\$16.75			\$21.13		79.5%
		Avg	\$13.81					
Rhode Island	VZ	1	\$12.05	\$4.47	\$8.28	\$24.80	\$29.28	84.7%
		2	\$16.62	¥	¥55	\$29.37		91.6%
		3	\$20.59			\$33.34		104.0%
0 11 0 1:	D.O.		# 40.40	00.05	#4.00	***	044.44	54.00/
South Carolina	BS	1 2	\$18.48 \$27.87	\$2.35	\$1.93	\$22.76 \$32.15	\$41.44	54.9% 77.6%
		3	\$36.91			\$41.19		99.4%
		3	ψ50.51			Ψ+1.15		33.470
South Dakota	USW	1	\$7.01	\$1.84	\$3.47	\$12.32	\$31.27	39.4%
		2	\$18.54			\$23.85		76.3%
		3	\$24.37			\$29.68		94.9%
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$38.04	41.7%
		2	\$17.23			\$19.92		52.4%
		3	\$22.53			\$25.22		66.3%
		Avg	\$14.92					
Texas	SBC	3	\$12.14	\$1.94	\$2.12	\$16.20	\$33.65	48.1%
		2	\$13.65	\$2.15		\$17.92		53.3%
		1	\$18.98	\$3.25		\$24.35		72.4%
		A	64445	#0.00				
		Avg	\$14.15	\$2.90				
Utah	USW	1	\$14.41	\$0.89	\$2.30	\$17.60	\$32.50	54.2%
		2	\$17.47	\$0.90	\$2.66	\$21.03		64.7%
		3	\$24.14	\$1.02	\$2.90	\$28.06		86.3%
		Avg	\$20.00					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$34.97	36.5%
	'-	2	\$8.35	1	÷00	\$13.38	+5	34.9%
		3	\$21.63			\$26.66		69.4%
		Avg	\$14.41					

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	Revenue/line	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$32.55	46.5%
		2	\$16.45			\$20.85		64.1%
		3	\$29.40			\$33.80		103.8%
			#40 507					
		Avg	\$13.597					
Washington	USW	1	\$7.91	\$1.34	\$1.20	\$10.45	\$31.03	33.7%
		2	\$14.13			\$16.67		
		3	\$15.90			\$18.44		
		4	\$17.85			\$20.39		
		5	\$23.82			\$26.36		
		Avg	\$11.33					
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$39.51	60.3%
		2	\$22.04			\$30.88		78.2%
		3	\$43.44			\$52.28		132.3%
		Avg	\$24.58					
Wisconsin	AIT	1	\$10.90	\$3.71	\$3.45	\$18.06	\$31.07	58.1%
Wyoming	USW	BRA	\$19.05	\$1.53	\$3.75	\$24.33	\$37.72	64.5%
		1	\$31.83			\$37.11		98.4%
		2	\$40.11			\$45.39		120.3%
		3	\$58.43			\$63.71		168.9%

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 by state is taken from the FCC's State-by-State Telephone Revenues and Universal Service Data, April 2001, Table 5. The revenue per line is an average of all 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

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	residential rate	
State	Company	Zones		(per Month)		Cost	(per Month)	Percentage
Alabama	BS	1	\$15.24	\$2.50	\$1.70	\$19.44	\$23.89	81.4%
		2	\$24.75			\$28.95		121.2%
		3	\$44.85			\$49.05		121.2%
		Avg	\$19.04					
		Avg	Ψ13.04					
Alaska	ATU	1	\$13.85	\$4.27	\$6.60	\$24.72	\$15.69	157.6%
Arizona	USW	1	\$21.98	\$1.61	\$2.80	\$26.39	\$20.64	127.9%
Arkansas	SBC	3	\$18.75	\$2.75	\$4.59	\$26.09	\$23.44	111.3%
		2	\$31.60		\$6.14	\$40.49		172.7%
		1	\$71.05		\$2.35	\$76.15		324.9%
California	SBC	1	\$10.03	\$2.88*	\$2.47	\$15.38	\$18.73	82.1%
		2	\$13.51			\$18.86		100.7%
		3	\$25.53			\$30.88		164.9%
Colorado	USW	BRA	\$19.65	\$1.15	\$2.83	\$23.63	\$22.62	104.5%
00.0.440		1	\$26.65	Ψσ	Ψ2.00	\$30.63	Ψ22.02	135.4%
		2	\$38.65			\$39.80		176.0%
		3	\$84.65			\$88.63		391.8%
			.	A	A	<u> </u>		
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$19.86	97.7%
		В	\$12.03			\$22.49		113.2%
		C D	\$13.28 \$19.69			\$23.74 \$30.15		119.5% 151.8%
		D	φ19.09			φ30.13		131.0%
		Avg	\$12.49					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$21.32	72.0%
Dolowers	\/7	4	¢40.07	#2.22	60.70	Φ1E 00	¢46.04	02.20/
Delaware	VZ	1 2	\$10.07 \$13.13	\$2.23	\$2.78	\$15.08 \$18.14	\$16.34	92.3% 111.0%
		3	\$13.13 \$16.67			\$10.1 4 \$21.68		132.7%
		J	ψ10.0 <i>1</i>			ψ∠ 1.00		134.1 /0
		Avg	\$12.05					
Florida	BS	1	\$13.76	\$1.62	\$0.88	\$16.26	\$18.07	90.0%
		2	\$20.13			\$22.63		125.2%
		3	\$44.40			\$46.90		259.5%

^{*}Port rate doesn't include vertical features. ** On-NET Rate, includes shared transport.

		Loop	Port			Average	
	Density	Rate	Rate	Switching	Total	residential rate	
Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$26.14	67.7%
	2	\$16.41			\$19.89		76.1%
	3	\$26.08			\$29.56		113.1%
	Ava	\$16.51					
	7.1.9	Ψ.σ.σ.					
VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$23.62	87.8%
	Maui	\$17.23			\$27.53		116.6%
	Hawaii	\$21.91			\$32.21		136.4%
USW	1	\$25.52	\$1.34	\$2.90	\$29.76	\$16.21	183.6%
AIT	1A	\$2.59	\$5.01	n/a	\$7.60	\$10.20	74.5%
	1B	\$7.07	Port rate		\$12.08	\$16.22	74.5%
	1C	\$11.40	includes		\$16.41	\$16.80	71.9%
	2C	\$11.40	unlimited		\$16.41	\$16.80	71.9%
			switching				
	Avg	\$9.81					
AIT	3	\$8.03	\$5.34	\$3.44	\$16.81	\$20.04	83.9%
	2	\$8.15			\$16.93		84.5%
	1	\$8.99			\$17.77		88.7%
	Avg	\$8.20					
USW	Avg	\$20.15	\$1.15	\$2.13	\$23.43	\$15.43	151.8%
SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$18.77	78.7%
	2	\$13.64		\$1.69	\$16.94		90.3%
	1	\$23.34		\$2.53	\$27.48		146.4%
	Avg	\$14.04					
VZ	1	\$17.44	\$4.02	\$3.42	\$24.88	\$23.78	104.6%
	2	\$22.23			\$29.67		124.8%
	3	\$25.84			\$33.28		139.9%
	Avg	\$19.65					
BS	1	\$13.54	\$2.61	\$2.56	\$18.71	\$25.85	78.7%
			Ψ=.0.	42.00	•	\$25.55	96.3%
	3	\$28.27			\$33.44		129.4%
	Avg	\$20.00					
BS	1 2	\$19.35 \$22.84	\$2.20	\$2.10	\$23.65 \$27.14	\$20.79	113.8% 130.5%
	VZ USW AIT USW SBC	BS 1 2 3 Avg VZ Oahu Maui Hawaii USW 1 AIT 1A 1B 1C 2C Avg AIT 3 2 1 Avg USW Avg SBC 3 2 1 Avg VZ 1 2 3 Avg BS 1 2 3 Avg	Company Zones (per Month) BS 1 \$14.21 2 \$16.41 3 3 \$26.08 Avg \$16.51 VZ Oahu Maui \$17.23 Hawaii \$21.91 USW 1 \$2.59 AIT 1A \$2.59 1B \$7.07 1C \$11.40 2C \$11.40 2C \$11.40 Avg \$9.81 4 \$8.99 Avg \$8.20 \$8.20 USW Avg \$20.15 SBC 3 \$11.86 2 \$13.64 \$23.34 Avg \$14.04 VZ 1 \$17.44 2 \$22.23 \$25.84 Avg \$19.65 BS 1 \$13.54 2 \$19.73 \$28.27 Avg \$20.00	Density Rate Company Zones (per Month) (per Month)	Density Rate Rate Company Cones (per Month) (per Month)	Density Rate Zones (per Month) (pe	Density Rate Rate Switching Total Cost (per Month) (per

	1		Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	residential rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Maine	VZ	1	\$12.67	\$2.24	\$2.89	\$17.80	\$20.92	85.1%
		2	\$15.59	\$2.07	\$4.90	\$22.56		107.8%
		3	\$23.00	\$1.82	\$8.66	\$33.48		160.0%
		۸۰۰۵	017 50					
		Avg	\$17.53					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$25.89	68.8%
		A2	\$12.85			\$18.55		71.6%
		B1	\$25.96			\$31.66		122.3%
		B2	\$18.40			\$24.10		93.1%
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$24.29	52.7%
		2	\$14.11		\$3.30	\$19.41		79.9%
		3	\$16.12		\$3.30	\$21.42		88.2%
		4	\$20.04		\$3.30	\$25.34		104.3%
		Avg	\$14.98					
		9	4 1 110 0					
Michigan	AIT	Α	\$8.47	\$2.53	\$1.19	\$12.19	\$20.98	58.1%
		В	\$8.73			\$12.45		59.3%
		С	\$12.54			\$16.26		77.5%
		Avg	\$10.15					
Minnesota	USW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$22.67	51.6%
		2	\$12.33			\$15.22		67.1%
		3	\$14.48			\$17.37		76.6%
		4	\$21.91			\$24.80		109.4%
		Avg	\$17.87					
Mississippi	BS	1	\$16.71	\$2.11	\$1.28	\$20.10	\$26.48	75.9%
		2	\$21.45			\$24.84		93.8%
		3	\$29.75			\$33.14		125.2%
		4	\$38.59			\$41.98		158.5%
Missouri	SBC	1	\$12.71	\$1.74	\$1.99	\$16.44	\$19.40	84.7%
		2	\$20.71	\$1.97	\$2.39	\$25.07		129.2%
		3	\$33.29	\$2.47	\$3.44	\$39.20		202.1%
		4	\$18.23	\$2.25	\$2.93	\$23.41		120.7%
Montana	USW	1	\$26.69	\$1.45	\$2.90	\$31.04	\$20.91	148.4%
		2	\$27.62			\$31.97		152.9%
		3	\$31.36			\$35.71		170.8%
		4	\$33.95			\$38.30		183.2%
		Avg	\$27.41					

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	residential rate	
State	Company			(per Month)	(per Month)	Cost	(per Month)	Percentage
Nebraska	USW	1	\$13.56	\$1.37	\$4.13	\$19.06	\$24.49	77.8%
		2	\$27.12			\$32.62		
		3	\$54.24			\$59.74		
		Avg	\$14.32					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$15.47	96.9%
		2	\$22.66			\$29.93		193.5%
		3	\$66.31			\$69.55		449.6%
		Avg	\$19.83					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$20.45	119.5%
		2	\$15.87	\$2.20		\$25.99		127.1%
		3	\$24.09	\$2.21		\$34.22		167.3%
		Avg	\$17.53	\$2.22				
New Jersey	VZ	1	\$11.95	\$1.90	\$4.31	\$18.16	\$14.27	127.3%
		2	\$16.02			\$22.23		155.8%
		3	\$20.98			\$27.19		190.5%
		Avg	\$16.17					
New Mexico	USW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$22.21	91.1%
		2	\$20.30			\$22.79		102.6%
		3	\$26.23			\$28.72		129.3%
New York	VZ	1	\$11.83	\$2.50	\$2.75	\$17.08	\$26.08	65.5%
		2	\$12.49			\$17.74		68.0%
		3	\$19.24			\$24.49		93.9%
		Avg	\$14.81					
North Carolina	BS	1	\$16.71	\$2.19	\$1.70	\$20.60	\$18.44	111.7%
North Dakota	USW	1	\$16.41	\$1.27	\$2.00	\$19.68	\$22.41	87.8%
		2	\$27.66			\$30.93		138.0%
		3	\$62.66			\$65.93		294.2%
Ohio	AIT	В	\$5.93	\$4.63	\$3.23	\$13.79	\$19.94	69.2%
		С	\$7.97			\$15.83		79.4%
		D	\$9.52			\$17.38		87.2%
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$19.06	87.0%
		2	\$13.65	\$2.21	\$2.52	\$18.38		96.4%
		1	\$26.25	\$2.58	\$3.80	\$32.63		171.2%
		Avg	\$14.84	\$2.25				

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	residential rate	
State	Company	,		(per Month)	_	Cost	(per Month)	Percentage
Oregon	USW	1	\$13.95	\$1.14	\$1.40	\$16.49	\$22.41	73.6%
		2	\$25.20			\$27.74		123.8%
		3	\$56.21			\$58.75		262.2%
		Avg	\$15.00					
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$19.78	74.0%
		2	\$11.00			\$15.38		77.8%
		3	\$14.00			\$18.38		92.9%
		4	\$16.75			\$21.13		106.8%
		Avg	\$13.81					
Rhode Island	VZ	1	\$12.05	\$4.47	\$8.28	\$24.80	\$24.72	100.3%
		2	\$16.62			\$29.37		118.8%
		3	\$20.59			\$33.34		134.9%
South Carolina	BS	1	\$18.48	\$2.35	\$1.93	\$22.76	\$20.12	113.1%
		2	\$27.87	•	,	\$32.15		159.8%
		3	\$36.91			\$41.19		204.7%
South Dakota	USW	1	\$7.01	\$1.84	\$3.47	\$12.32	\$19.77	62.3%
Coulii Bakota		2	\$18.54	Ψι.σι	ΨΟ. 17	\$23.85	Ψ10.77	120.6%
		3	\$24.37			\$29.68		150.1%
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$21.55	73.7%
		2	\$17.23			\$19.92		92.4%
		3	\$22.53			\$25.22		117.0%
		Avg	\$14.92					
Texas	SBC	3	\$12.14	\$1.94	\$2.12	\$16.20	\$19.53	82.9%
		2	\$13.65	\$2.15		\$17.92		91.8%
		1	\$18.98	\$3.25		\$24.35		124.7%
		Avg	\$14.15	\$2.90				
Utah	USW	1	\$14.41	\$0.89	\$2.30	\$17.60	\$18.95	92.9%
		2	\$17.47	\$0.90	\$2.66	\$21.03		111.0%
		3	\$24.14	\$1.02	\$2.90	\$28.06		148.1%
		Avg	\$20.00					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$27.40	46.5%
		2	\$8.35			\$13.38		48.8%
		3	\$21.63			\$26.66		97.3%
		Avg	\$14.41					

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	residential rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per Month)	Percentage
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$25.00	60.6%
		2	\$16.45			\$20.85		83.4%
		3	\$29.40			\$33.80		135.2%
		Avg	\$13.597					
144	11014		* 4 4 00	D 4 O 4	# 4.00	* * * * * *	*	70.40/
Washington	USW	1	\$11.33	\$1.04	\$1.80	\$14.17	\$19.38	73.1%
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$25.58	93.2%
TV cot viigiiiia	'-	2	\$22.04	Ψ1.00	Ψ1.21	\$30.88	Ψ20.00	120.7%
		3	\$43.44			\$52.28		204.4%
			, -			•		
		Avg	\$24.58					
Wisconsin	AIT	1	\$10.90	\$3.71	\$3.45	\$18.06	\$11.58	156.0%
Wyoming	USW	BRA	\$19.05	\$1.53	\$3.75	\$24.33	\$27.82	87.5%
		1	\$31.83			\$37.11		133.4%
		2	\$40.11			\$45.39		163.2%
		3	\$58.43			\$63.71		229.0%

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, June 1999, Table 1.3, adjusted for changes in the federal subscriber line charge to \$5.00 per month and imposition of federal universal service surcharges 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

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	business rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per month)	Percentage
Alabama	BS	1	\$15.24	\$2.50	\$1.70	\$19.44	\$49.62	39.2%
		2	\$24.75			\$28.95		58.3%
		3	\$44.85			\$49.05		58.3%
		Avg	\$19.04					
Alaska	ATU	1	\$13.85	\$4.27	\$6.60	\$24.72	\$32.33	76.5%
Arizona	USW	1	\$21.98	\$1.61	\$2.80	\$26.39	\$43.24	61.0%
Arkansas	SBC	3	\$18.75	\$2.75	\$4.59	\$26.09	\$42.34	61.6%
		2	\$31.60		\$6.14	\$40.49		95.6%
		1	\$71.05		\$2.35	\$76.15		179.9%
California	SBC	1	\$10.03	\$2.88*	\$2.47	\$15.38	\$20.06	76.7%
		2	\$13.51			\$18.86		94.0%
		3	\$25.53			\$30.88		153.9%
Colorado	USW	BRA	\$19.65	\$1.15	\$2.83	\$23.63	\$48.10	49.1%
		1	\$26.65			\$30.63		63.7%
		2	\$38.65			\$39.80		82.7%
		3	\$84.65			\$88.63		184.3%
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$44.87	43.3%
		В	\$12.03			\$22.49		50.1%
		С	\$13.28			\$23.74		52.9%
		D	\$19.69			\$30.15		67.2%
		Avg	\$12.49					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$22.24	69.1%
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$31.55	47.8%
		2	\$13.13			\$18.14		57.5%
		3	\$16.67			\$21.68		68.7%
		Avg	\$12.05					
Florida	BS	1	\$13.76	\$1.62	\$0.88	\$16.26	\$41.89	38.8%
		2	\$20.13			\$22.63		54.0%
		3	\$44.40			\$46.90		112.0%

^{*}Port rate doesn't include vertical features.

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

			Loop	Port		-	Average	
State	Company	Density Zones	Rate (per Month)	Rate (per Month)	Switching (per Month)	Total Cost	business rate (per month)	Percentage
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$60.03	29.5%
Coorgia		2	\$16.41	Ψ1.00	ψποσ	\$19.89	ψου.σο	33.1%
		3	\$26.08			\$29.56		49.2%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$48.54	42.7%
		Maui	\$17.23			\$27.53		56.7%
		Hawaii	\$21.91			\$32.21		66.4%
Idaho	USW	1	\$25.52	\$1.34	\$2.90	\$29.76	\$37.19	80.0%
Illinois	AIT	1A	\$2.59	\$5.01	n/a	\$7.60	\$14.26	53.3%
		1B	\$7.07	Port rate		\$12.08	\$20.79	58.1%
		1C	\$11.40	includes		\$16.41	\$21.41	76.6%
		2C	\$11.40	unlimited		\$16.41	\$21.41	76.6%
		Avg	\$9.81	switching				
		Avg	ψ5.01					
Indiana	AIT	3	\$8.03	\$5.34	\$3.44	\$16.81	\$57.06	29.5%
		2	\$8.15			\$16.93		29.7%
		1	\$8.99			\$17.77		31.1%
		Avg	\$8.20					
lowa	USW	Avg	\$20.15	\$1.15	\$2.13	\$23.43	\$35.90	65.3%
lowa	00**	7.09	Ψ20.10	ψι.ιο	Ψ2.10	Ψ20.40	Ψ00.00	00.070
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$33.47	44.2%
		2	\$13.64		\$1.69	\$16.94		50.6%
		1	\$23.34		\$2.53	\$27.48		82.1%
		Avg	\$14.04					
Kentucky	VZ	1	\$17.44	\$4.02	\$3.42	\$24.88	\$23.78	104.6%
literitaeity		2	\$22.23	Ų	Ψσ	\$29.67	420 6	124.8%
		3	\$25.84			\$33.28		139.9%
		Avg	\$19.65					
	BS	1	\$13.54	\$2.61	\$2.56	\$18.71	\$46.49	40.2%
	100	2	\$19.73	ψΔ.01	Ψ2.30	\$24.90	ψ+0.43	53.6%
		3	\$28.27			\$33.44		71.9%
		Avg	\$20.00					
Landat	50		040.05	Ф0.00	00.40	# 00 0=	# 40.00	E0 E0'
Louisiana	BS	1 2	\$19.35 \$22.84	\$2.20	\$2.10	\$23.65 \$27.14	\$46.86	50.5% 57.9%
	1							

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	business rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per month)	Percentage
Maine	VZ	1	\$12.67	\$2.24	\$2.89	\$17.80	\$42.55	41.8%
		2 3	\$15.59 \$23.00	\$2.07 \$1.82	\$4.90 \$8.66	\$22.56 \$33.48		53.0% 78.7%
		3	φ23.00	ψ1.02	φο.σο	φ33.40		70.770
		Avg	\$17.53					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$26.22	67.9%
		A2	\$12.85			\$18.55		70.7%
		B1 B2	\$25.96 \$18.40			\$31.66 \$24.10		120.7% 91.9%
		DZ	φ10.40			φ24.10		91.976
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$49.60	25.8%
		2	\$14.11		\$3.30	\$19.41		39.1%
		3	\$16.12		\$3.30	\$21.42		43.2%
		4	\$20.04		\$3.30	\$25.34		51.1%
		Avg	\$14.98					
Michigan	AIT	Α	\$8.47	\$2.53	\$1.19	\$12.19	\$25.58	47.7%
		В	\$8.73			\$12.45		48.7%
		С	\$12.54			\$16.26		63.6%
		Avg	\$10.15					
Minnesota	USW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$56.07	20.9%
		2	\$12.33			\$15.22		27.1%
		3	\$14.48			\$17.37		31.0%
		4	\$21.91			\$24.80		44.2%
		Avg	\$17.87					
Mississippi	BS	1	\$16.71	\$2.11	\$1.28	\$20.10	\$57.10	35.2%
		2	\$21.45			\$24.84		43.5%
		3	\$29.75			\$33.14		58.0%
		4	\$38.59			\$41.98		73.5%
Missouri	SBC	1	\$12.71	\$1.74	\$1.99	\$16.44	\$46.37	35.5%
		2	\$20.71	\$1.97	\$2.39	\$25.07		54.1%
		3	\$33.29	\$2.47	\$3.44	\$39.20		84.5%
		4	\$18.23	\$2.25	\$2.93	\$23.41		50.5%
Montana	USW	1	\$26.69	\$1.45	\$2.90	\$31.04	\$46.58	66.6%
		2	\$27.62			\$31.97		68.6%
		3	\$31.36			\$35.71		76.7%
		4	\$33.95			\$38.30		82.2%
		Avg	\$27.41					

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	business rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per month)	Percentage
Nebraska	USW	1 2 3	\$13.56 \$27.12 \$54.24	\$1.37	\$4.13	\$19.06 \$32.62 \$59.74	\$48.78	39.1%
		Avg	\$14.32					
Nevada	SBC	1 2 3	\$11.75 \$22.66 \$66.31	\$1.63	\$1.61	\$14.99 \$29.93 \$69.55	\$26.72	56.1% 112.0% 260.3%
		Avg	\$19.83					
New Hampshire	VZ	1 2 3 Avg	\$14.01 \$15.87 \$24.09 \$17.53	\$2.51 \$2.20 \$2.21 \$2.22	\$7.92	\$24.44 \$25.99 \$34.22	\$49.39	49.5% 52.6% 69.3%
New Jersey	VZ	1 2 3 Avg	\$11.95 \$16.02 \$20.98 \$16.17	\$1.90	\$4.31	\$18.16 \$22.23 \$27.19	\$19.62	92.6% 113.3% 138.6%
New Mexico	USW	1 2 3	\$17.75 \$20.30 \$26.23	\$1.38	\$1.11	\$20.24 \$22.79 \$28.72	\$57.59	35.1% 39.6% 49.9%
New York	VZ	1 2 3 Avg	\$11.83 \$12.49 \$19.24 \$14.81	\$2.50	\$2.75	\$17.08 \$17.74 \$24.49	\$27.53	62.0% 64.4% 89.0%
North Carolina	BS	1	\$16.71	\$2.19	\$1.70	\$20.60	\$41.18	50.0%
North Dakota	USW	1 2 3	\$16.41 \$27.66 \$62.66	\$1.27	\$2.00	\$19.68 \$30.93 \$65.93	\$35.86	54.9% 86.3% 183.9%
Ohio	AIT	B C D	\$5.93 \$7.97 \$9.52	\$4.63	\$3.23	\$13.79 \$15.83 \$17.38	\$32.14	42.9% 49.3% 54.1%
Oklahoma	SBC	3 2 1	\$12.14 \$13.65 \$26.25	\$2.18 \$2.21 \$2.58	\$2.27 \$2.52 \$3.80	\$16.59 \$18.38 \$32.63	\$37.89	43.8% 48.5% 86.1%
		Avg	\$14.84	\$2.25				

			Loop	Port			Average	
01-1-		Density	Rate	Rate	Switching	Total	business rate	
State Oregon	Company	Zones 1	(per Month) \$13.95	(per Month) \$1.14	(per Month) \$1.40	Cost \$16.49	(per month) \$43.22	Percentage 38.2%
Oregon	USVV	2	\$25.20	ψ1.14	φ1. 4 0	\$27.74	ψ43.22	64.2%
		3	\$56.21			\$58.75		135.9%
			·					
		Avg	\$15.00					
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$18.75	78.0%
		2 3	\$11.00			\$15.38		82.0%
		3 4	\$14.00 \$17.50			\$18.38 \$21.88		98.0% 116.7%
		7	ψ17.50			Ψ21.00		110.770
		Avg	\$14.06					
Rhode Island	VZ	1	\$12.05	\$4.47	\$8.28	\$24.80	\$27.56	90.0%
		2	\$16.62			\$29.37		106.6%
		3	\$20.59			\$33.34		121.0%
South Carolina	BS	1	\$18.48	\$2.35	\$1.93	\$22.76	\$47.47	47.9%
		2	\$27.87			\$32.15		67.7%
		3	\$36.91			\$41.19		86.8%
South Dakota	USW	1	\$7.01	\$1.84	\$3.47	\$12.32	\$43.12	28.6%
		2	\$18.54			\$23.85		55.3%
		3	\$24.37			\$29.68		68.8%
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$56.17	28.3%
		2	\$17.23			\$19.92		35.5%
		3	\$22.53			\$25.22		44.9%
		Avg	\$14.92					
Texas	SBC	3	\$12.14	\$1.94	\$2.12	\$16.20	\$44.07	36.8%
		2	\$13.65	\$2.15		\$17.92		40.7%
		1	\$18.98	\$3.25		\$24.35		55.3%
		Avg	\$14.15	\$2.90				
Utah	USW	1	\$14.41	\$0.89	\$2.30	\$17.60	\$29.68	59.3%
		2	\$17.47	\$0.90	\$2.66	\$21.03		70.9%
		3	\$24.14	\$1.02	\$2.90	\$28.06		94.5%
		Avg	\$20.00					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$74.49	17.1%
		2	\$8.35			\$13.38		18.0%
		3	\$21.63			\$26.66		35.8%
		Avg	\$14.41					

			Loop	Port			Average	
		Density	Rate	Rate	Switching	Total	business rate	
State	Company	Zones	(per Month)	(per Month)	(per Month)	Cost	(per month)	Percentage
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$73.75	20.5%
		2	\$16.45			\$20.85		28.3%
		3	\$29.40			\$33.80		45.8%
		Avg	\$13.597					
			A	*	*	<u> </u>		
Washington	USW	1	\$11.33	\$1.04	\$1.80	\$14.17	\$37.69	37.6%
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$62.60	38.1%
Woot Virginia	V Z	2	\$22.04	Ψ1.00	Ψ1.24	\$30.88	ψ02.00	49.3%
		3	\$43.44			\$52.28		83.5%
		Ü	Ψ10.11			Ψ02.20		00.070
		Avg	\$24.58					
		3						
Wisconsin	AIT	1	\$10.90	\$3.71	\$3.45	\$18.06	\$22.91	78.8%
Wyoming	USW	BRA	\$19.05	\$1.53	\$3.75	\$24.33	\$27.82	87.5%
		1	\$31.83			\$37.11		133.4%
		2	\$40.11			\$45.39		163.2%
		3	\$58.43			\$63.71		229.0%

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 business rates by state are taken from the FCC's Reference Book of Rates, Price Indices and Expenditures for Telephone Service, June 1999, Table 1.3, adjusted for changes in the federal subscriber line charge to \$5.00 per month and imposition of federal universal service surcharges on end-users.
- 4. The Percentage column is the Total Cost column divided by Average Residential Rate.