

UNBUNDLED NETWORK ELEMENT RATE COMPARISON MATRIX

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

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Alabama 2,008,385	BS	1	\$15.24	\$2.07	\$0.0017	\$0.0008 Tandem Switching \$0.00045 Common Transport
		2	\$24.75			
		3	\$44.85			
		Avg	\$19.04			
Alaska 183,484 42,811	ATU	1	\$14.92	\$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 2,932,088	QW	1	\$18.96	\$1.61	\$0.0028	\$0.0014 Tandem Switching \$0.00088 Common Transport
		2	\$34.94			
		3	\$56.53			
		Avg	\$21.98			
Arkansas 1,069,214	SBC	3	\$11.86	\$1.61	\$0.001310 \$0.001690 \$0.002530	\$0.000789 Tandem Switching \$0.000157-\$0.000196 plus per mile Common Transport
		2	\$13.64			
		1	\$23.34			
		Avg	\$13.09			
California 18,755,730	SBC	1	\$8.83	\$0.88	\$0.001817 set up \$0.000563 Originating \$0.002142 set up \$0.000573 Terminating	\$0.000234 set up \$0.000139 Tandem Switching \$0.00133 Common Transport
		2	\$11.27			
		3	\$19.63			
		Avg	\$9.93			
Colorado 2,867,692	QW	1	\$5.91	\$1.86	\$0.00200	\$0.002007 Tandem Switching \$0.00131 Common Transport
		2	\$12.31			
		3	\$32.79			
		Avg	\$15.85			
Connecticut 2,527,459	SBC	1A	\$8.95	\$3.31	\$0.007151**	\$0.001984 Tandem Switching
		B	\$12.03			
		C	\$13.28			
		D	\$19.69			
		Avg	\$12.49			

*Port rate doesn't include vertical features.

** On-NET Rate, includes shared transport.

Table 1

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
D.C. 924,593	VZ	1	\$10.81	\$1.55	\$0.003	\$0.001043 Tandem Switching \$0.00015 Common Transport
Delaware 598,874	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 Common Transport
Florida 6,798,389	BS	1 2 3 Avg	\$12.79 \$17.27 \$33.36 \$15.81	\$1.40	\$0.0007662	\$0.0001319 Tandem Switching \$0.0004372 Common Transport
Georgia 4,376,539	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 722,977	VZ	Oahu Maui Hawaii	\$10.44 \$17.23 \$21.91	\$2.69	\$0.0076074	\$0.0012572 Tandem Switching \$0.0002710 Common Transport
Idaho 561,707	QW	1 2 3 Avg	\$15.81 \$24.01 \$40.92 \$20.42	\$1.34	\$0.001733	\$0.00069 Tandem Switching \$0.00111 Common Transport
Illinois 6,953,854	SBC	1A 1B 1C 2C Avg	\$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 2,285,207	SBC	3 2 1 Avg	\$8.03 \$8.15 \$8.99 \$8.20	\$5.34	\$0.003444	\$0.000307 Tandem Switching \$0.00066 Common Transport
Iowa 1,122,068	QW	1 2 3 Avg	\$13.11 \$15.64 \$27.27 \$16.47	\$1.15	\$0.00069	\$0.00069 Tandem Switching \$0.00111 Common Transport

Table 1

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

Table 1

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Missouri 2,749,726	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
		Avg	\$15.19	\$1.89		
Montana 381,611	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
		Avg	\$23.72			
Nebraska 510,773	QW	1	\$15.14	\$2.47	\$0.00069	\$0.00069
		2	\$35.05			Tandem Switching
		3	\$77.92			\$0.001110
		Avg	\$17.51			Common Transport
Nevada 389,199	SBC	1	\$11.75	\$1.63	\$0.00161	\$0.00171
		2	\$22.66			Tandem Switching
		3	\$66.31			\$0.00727
		Avg	\$19.83			Common Transport
New Hampshire 801,344	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
New Jersey 6,692,681	VZ	1	\$8.12	\$0.73	\$0.002773	\$0.000674
		2	\$9.59		Originating	Tandem Switching
		3	\$10.92		\$0.002508	\$0.000085 & \$0.000006 per mile
		Avg	\$9.52		Terminating	Common Transport
New Mexico 860,898	QW	1	\$17.75	\$1.38	\$0.0011083	\$0.001616
		2	\$20.30			Tandem Switching
		3	\$26.23			\$0.001882
		Avg	\$20.50			Common Transport
New York 11,869,385	VZ	1	\$7.70	\$2.57*	\$0.00115	\$0.000481
		2	\$11.31		Originating	Tandem Switching
		3	\$15.51		\$0.00111	\$0.000939
		Avg	\$11.49	*\$4.57 standalone	Terminating	Common Transport
North Carolina 2,594,816	BS	1	\$12.11	\$2.19	\$0.0017	\$0.0009
		2	\$21.24			Tandem Switching
		3	\$33.65			
		Avg	\$15.88			\$0.00034
						Common Transport

Table 1

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
North Dakota 215,193	QW	1	\$14.78	\$1.27	\$0.00069	\$0.00069 Tandem Switching \$0.001110 Common Transport
		2	\$24.92			
		3	\$56.44			
		Avg	\$17.79			
Ohio 4,103,686	SBC	B	\$5.93	\$4.63	\$0.003226	\$0.000689 Tandem Switching
		C	\$7.97			
		D	\$9.52			
		Avg	\$7.01			
Oklahoma 1,737,875	SBC	3	\$12.14	\$2.18	\$0.002268	\$0.000956 Tandem Switching \$0.000607-\$0.000972 Blended Transport
		2	\$13.65	\$2.21	\$0.002516	
		1	\$26.25	\$2.58	\$0.0038	
		Avg	\$14.84	\$2.25		
Oregon 1,451,229	QW	1	\$13.95	\$1.26	\$0.001330	\$0.001596 Tandem Switching \$0.001273 Common Transport
		2	\$25.20			
		3	\$56.21			
		Avg	\$15.00			
Pennsylvania 6,395,835	VZ	1	\$10.25	Option A: \$2.67 Option B:*** \$1.90	\$0.001802 Originating \$0.001615 Terminating	\$0.000795 Tandem Switching \$0.000144 & \$0.000003/mile Common Transport
		2	\$11.00			
		3	\$14.00			
		4	\$16.75			
Avg	\$13.81					
Rhode Island 660,645	VZ	1	\$11.19	\$1.86	\$0.001358 Originating \$0.001192 Terminating	\$0.001418 Tandem Switching \$0.001050 Common Transport
		2	\$15.44			
		3	\$19.13			
		Avg	\$13.93			
South Carolina 1,528,085	BS	1	\$14.94	\$1.65 w/all features \$3.04	\$0.0010519	\$0.0001634 Tandem Switching \$0.0004095 Common Transport
		2	\$21.39			
		3	\$26.72			
		Avg	\$17.60			
South Dakota 276,180	QW	1	\$17.01	\$1.84	\$0.003469	\$0.001748 Tandem Switching \$0.001388 Common Transport
		2	\$18.54			
		3	\$24.37			
		Avg	\$21.09			
Tennessee 2,754,858	BS	1	\$13.19	\$1.89	\$0.0008041	\$0.0009778 Tandem Switching \$0.00038 Common Transport
		2	\$17.23			
		3	\$22.53			
		Avg	\$14.92			

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

Table 1

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

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

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Alabama	BS	1	\$15.24	\$2.07	\$1.70	\$19.01	\$42.63	44.6%
		2	\$24.75			\$28.52		66.9%
		3	\$44.85			\$48.62		114.1%
		Avg	\$19.04					
Alaska	ATU ACS	1	\$14.92	\$4.27	\$6.60	\$25.79	n/a	n/a
		1	\$19.19	\$1.38	\$2.03	\$22.60		
Arizona	QW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$34.06	68.6%
		2	\$34.94			\$39.35		115.5%
		3	\$56.53			\$60.94		178.9%
		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$34.87	42.4%
		2	\$13.64			\$16.94		48.6%
		1	\$23.34			\$27.48		78.8%
		Avg	\$13.09			\$1.84		
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%
		Avg	\$9.93					
Colorado	QW	1	\$5.91	\$1.86	\$2.00	\$9.77	\$42.64	22.9%
		2	\$12.31			\$16.17		37.9%
		3	\$32.79			\$36.65		86.0%
		Avg	\$15.85					
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$31.98	60.7%
		B	\$12.03			\$22.49		70.3%
		C	\$13.28			\$23.74		74.2%
		D	\$19.69			\$30.15		94.3%
		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%
		2	\$13.13			\$18.14		62.9%
		3	\$16.67			\$21.68		75.2%
		Avg	\$12.05					

** On-NET Rate, includes shared transport.

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (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%
		Avg	\$15.81					
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$43.68	40.5%
		2	\$16.41			\$19.89		45.5%
		3	\$26.08			\$29.56		67.7%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$37.58	55.2%
		Maui	\$17.23			\$27.53		73.3%
		Hawaii	\$21.91			\$32.21		85.7%
Idaho	QW	1	\$15.81	\$1.34	\$1.73	\$18.88	\$34.29	55.1%
		2	\$24.01			\$27.08		79.0%
		3	\$40.92			\$43.99		128.3%
		Avg	\$20.42					
Illinois	SBC	1A	\$2.59	\$5.01 Port rate includes unlimited switching	n/a	\$7.60	\$36.57	20.8%
		1B	\$7.07			\$12.08		33.0%
		1C	\$11.40			\$16.41		44.9%
		2C	\$11.40			\$16.41		44.9%
		Avg	\$9.81					
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%
		Avg	\$8.20					
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%
		Avg	\$16.47					
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%
		Avg	\$14.04					
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%
		Avg	\$18.41					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (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%		
		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							
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%		
		Avg	\$14.50							
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$31.93	40.1%		
		2	\$14.11			\$3.30		\$19.41	60.8%	
		3	\$16.12			\$3.30		\$21.42	67.1%	
		4	\$20.04			\$3.30		\$25.34	79.4%	
		Avg	\$14.98							
Michigan	SBC	A	\$8.47	\$2.53	\$1.19	\$12.19	\$30.82	39.6%		
		B	\$8.73			\$12.45		40.4%		
		C	\$12.54			\$16.26		52.8%		
		Avg	\$10.15							
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	1	\$15.58	\$2.11	\$2.38	\$20.07	\$51.46	39.0%		
		2	\$20.65			\$25.14		48.9%		
		3	\$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		\$22.56	65.4%	
		3	\$19.74			\$2.47		\$25.02	72.5%	
		4	\$16.41			\$2.25		\$23.39	\$21.05	61.0%
		Avg	\$15.19							

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Montana	QW	1	\$23.10	\$1.58	\$0.69	\$25.37	\$35.13	72.2%
		2	\$23.90			\$26.17		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					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$29.31	51.1%
		2	\$22.66			\$25.90		88.4%
		3	\$66.31			\$69.55		237.3%
		Avg	\$19.83					
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%
		Avg	\$9.52					
New Mexico	QW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$32.90	61.5%
		2	\$20.30			\$22.79		69.3%
		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		100.8%
		Avg	\$15.88					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
North Dakota	QW	1	\$14.78	\$1.27	\$0.69	\$16.74	\$37.32	44.9%
		2	\$24.92					72.0%
		3	\$56.44					156.5%
		Avg	\$17.79					
Ohio	SBC	B	\$5.93	\$4.63	\$3.23	\$13.79	\$33.80	40.8%
		C	\$7.97					46.8%
		D	\$9.52					51.4%
		Avg	\$7.01					
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$31.75	52.3%
		2	\$13.65					57.9%
		1	\$26.25					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					114.8%
		3	\$56.21					243.0%
		Avg	\$15.00					
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$28.50	51.3%
		2	\$11.00					54.0%
		3	\$14.00					64.5%
		4	\$16.75					74.1%
		Avg	\$13.81					
Rhode Island	VZ	1	\$11.19	\$1.86	\$1.28	\$14.33	\$31.00	46.2%
		2	\$15.44					59.9%
		3	\$19.13					71.8%
		Avg	\$13.93					
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$41.93	42.1%
		2	\$21.39					57.5%
		3	\$26.72					70.2%
		Avg	\$17.60					
South Dakota	QW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$33.51	66.6%
		2	\$18.54					71.2%
		3	\$24.37					88.6%
		Avg	\$21.09					
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$39.69	40.0%
		2	\$17.23					50.2%
		3	\$22.53					63.5%
		Avg	\$14.92					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (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		\$21.32		60.2%
		3	\$20.29	\$1.02		\$24.21		68.4%
		Avg	\$16.13					
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%
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$34.02	44.5%
		2	\$16.45			\$20.85		61.3%
		3	\$29.40			\$33.80		99.4%
		Avg	\$13.597					
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					
Wisconsin	SBC	1	\$10.90	\$3.71	\$3.45	\$18.06	\$33.34	54.2%
Wyoming	QW	BRA	\$19.91	\$2.64	\$3.69	\$26.24	\$42.54	61.7%
		1	\$26.94			\$33.27		78.2%
		2	\$30.13			\$36.46		85.7%
		3	\$40.98			\$47.31		111.2%
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. 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

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (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%
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%
		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$24.57	60.2%
		2	\$13.64			\$16.94		68.9%
		1	\$23.34			\$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			\$12.92		75.9%
		3	\$19.63			\$21.28		125.0%
		Avg	\$9.93					
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					
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$21.32	91.0%
		B	\$12.03			\$22.49		105.5%
		C	\$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.

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$17.53	86.0%
		2	\$13.13			\$18.14		103.5%
		3	\$16.67			\$21.68		119.2%
		Avg	\$12.05					
Florida	BS	1	\$12.79	\$1.40	\$0.77	\$14.96	\$19.43	77.0%
		2	\$17.27			\$19.44		100.1%
		3	\$33.36			\$35.53		182.9%
		Avg	\$15.81					
Georgia	BS	1	\$14.21	\$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					
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%
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					
Illinois	SBC	1A	\$2.59	\$5.01 Port rate includes unlimited switching	n/a	\$7.60	\$21.67	35.1%
		1B	\$7.07			\$12.08		55.7%
		1C	\$11.40			\$16.41		75.7%
		2C	\$11.40			\$16.41		75.7%
		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		103.1%
		3	\$27.27			\$29.11		182.1%
		Avg	\$16.47					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$19.58	75.5%
		2	\$13.64		\$1.69	\$16.94		86.5%
		1	\$23.34		\$2.53	\$27.48		140.3%
		Avg	\$14.04					
Kentucky	BS	1	\$10.56	\$1.49	\$1.20	\$13.25	\$28.18	47.0%
		2	\$15.34			\$18.03		64.0%
		3	\$31.11			\$33.80		119.9%
		Avg	\$18.41					
Louisiana	BS	1	\$14.05	\$2.55	\$2.10	\$18.70	\$22.21	84.2%
		2	\$24.14			\$28.79		129.6%
		3	\$49.30			\$53.95		242.9%
		Avg	\$17.31					
Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$25.57	55.0%
		2	\$13.47			\$16.09		62.9%
		3	\$18.75			\$21.37		83.6%
		Avg	\$16.19					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$26.57	67.0%
		A2	\$12.85			\$18.55		69.8%
		B1	\$25.96			\$31.66		119.1%
		B2	\$18.40			\$24.10		90.7%
		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					
Michigan	SBC	A	\$8.47	\$2.53	\$1.19	\$12.19	\$27.04	45.1%
		B	\$8.73			\$12.45		46.0%
		C	\$12.54			\$16.26		60.1%
		Avg	\$10.15					
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					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage	
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%	
		Avg	\$21.26						
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$20.61	78.0%	
		2	\$18.64	\$1.97	\$1.95	\$22.56		109.5%	
		3	\$19.74	\$2.47	\$2.81	\$25.02		121.4%	
		4	\$16.41	\$2.25	\$2.39	\$21.05		102.1%	
		Avg	\$15.19						
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%	
		Avg	\$23.72						
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%	
		Avg	\$17.51						
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						
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					
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						

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage		
New Mexico	QW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$19.21	105.4%		
		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%		
		Avg	\$11.49							
North Carolina	BS	1	\$12.11	\$2.19	\$1.70	\$16.00	\$19.81	80.8%		
		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%		
		Avg	\$17.79							
Ohio	SBC	B	\$5.93	\$4.63	\$3.23	\$13.79	\$20.34	67.8%		
		C	\$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		\$18.38	94.7%	
		1	\$26.25			\$2.58		\$3.80	\$32.63	168.2%
		Avg	\$14.84			\$2.25				
Oregon	QW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$23.74	69.7%		
		2	\$25.20			\$27.79		117.1%		
		3	\$56.21			\$58.80		247.7%		
		Avg	\$15.00							
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%		
		Avg	\$13.81							

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (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%
		Avg	\$13.93					
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$21.89	80.6%
		2	\$21.39			\$24.09		114.8%
		3	\$26.72			\$29.42		149.8%
		Avg	\$17.60					
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					
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$20.43	77.5%
		2	\$13.65			\$18.24		89.3%
		1	\$18.98			\$25.31		123.9%
		Avg	\$14.15			\$2.90		
Utah	QW	1	\$14.77	\$0.89	\$2.30	\$17.96	\$21.02	85.4%
		2	\$17.76			\$21.32		101.4%
		3	\$20.29			\$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%
		Avg	\$13.597					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage
Washington	QW	1	\$6.41	\$1.34	\$1.20	\$8.95	\$20.62	43.4%
		2	\$11.35			\$13.89		67.4%
		3	\$12.76			\$15.30		74.2%
		4	\$14.31			\$16.85		81.7%
		5	\$19.06			\$21.60		104.8%
		Avg	\$14.56					
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$28.13	84.7%
		2	\$22.04			\$30.88		109.8%
		3	\$43.44			\$52.28		185.9%
		Avg	\$24.58					
Wisconsin	SBC	1	\$10.90	\$3.71	\$3.45	\$18.06	\$27.57	65.5%
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 1.3, 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

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (per Month)	Percentage	
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						
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						
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$43.52	34.0%	
		2	\$13.64		\$1.69			\$16.94	38.9%
		1	\$23.34		\$2.53			\$27.48	63.1%
		Avg	\$13.09		\$1.84				
California	SBC	1	\$8.83	\$0.88	\$0.77	\$10.48	\$16.54	63.4%	
		2	\$11.27			\$12.92		78.1%	
		3	\$19.63			\$21.28		128.7%	
		Avg	\$9.93						
Colorado	QW	1	\$5.91	\$1.86	\$2.00	\$9.77	\$47.62	20.5%	
		2	\$12.31			\$16.17		34.0%	
		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%	
		B	\$12.03			\$22.49		50.6%	
		C	\$13.28			\$23.74		53.4%	
		D	\$19.69			\$30.15		67.8%	
		Avg	\$12.49						
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$19.28	79.7%	

** On-NET Rate, includes shared transport.

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (per Month)	Percentage
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$32.60	46.3%
		2	\$13.13			\$18.14		55.6%
		3	\$16.67			\$21.68		66.1%
		Avg	\$12.05					
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%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$51.69	40.1%
		Maui	\$17.23			\$27.53		53.3%
		Hawaii	\$21.91			\$32.21		62.3%
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					
Illinois	SBC	1A	\$2.59	\$5.01 Port rate includes unlimited switching	n/a	\$7.60	\$12.57	60.5%
		1B	\$7.07			\$12.08		96.1%
		1C	\$11.40			\$16.41		130.5%
		2C	\$11.40			\$16.41		130.5%
		Avg	\$9.81					
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					
Iowa	QW	1	\$13.11	\$1.15	\$0.69	\$14.95	\$36.46	41.0%
		2	\$15.64			\$17.48		50.6%
		3	\$27.27			\$29.11		89.3%
		Avg	\$16.47					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (per Month)	Percentage
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$31.88	46.4%
		2	\$13.64		\$1.69	\$16.94		53.1%
		1	\$23.34		\$2.53	\$27.48		86.2%
		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%
		Avg	\$17.31					
Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$44.68	31.5%
		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%
		Avg	\$14.98					
Michigan	SBC	A	\$8.47	\$2.53	\$1.19	\$12.19	\$22.95	53.1%
		B	\$8.73			\$12.45		54.2%
		C	\$12.54			\$16.26		70.8%
		Avg	\$10.15					
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					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (per Month)	Percentage	
Mississippi	BS	1	\$15.58	\$2.11	\$2.38	\$20.07	\$49.55	40.5%	
		2	\$20.65			\$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%	
		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			\$25.99		55.4%	
		3	\$24.09			\$34.22		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						

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State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (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%		
		Avg	\$15.88							
North Dakota	QW	1	\$14.78	\$1.27	\$0.69	\$16.74	\$35.30	47.4%		
		2	\$24.92			\$26.88		76.1%		
		3	\$56.44			\$58.40		165.4%		
		Avg	\$17.79							
Ohio	SBC	B	\$5.93	\$4.63	\$3.23	\$13.79	\$30.13	45.8%		
		C	\$7.97			\$15.83		52.5%		
		D	\$9.52			\$17.38		57.7%		
		Avg	\$7.01							
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$45.49	36.5%		
		2	\$13.65			\$2.21		\$18.38	40.4%	
		1	\$26.25			\$2.58		\$3.80	\$32.63	71.7%
		Avg	\$14.84			\$2.25				
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							
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%		
		Avg	\$13.81							
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							

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State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (per Month)	Percentage
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$49.24	35.8%
		2	\$21.39			\$24.09	\$45.84	52.6%
		3	\$26.72			\$29.42	\$40.74	72.2%
		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					
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$57.44	27.6%
		2	\$17.23			\$19.92		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			\$18.24		45.5%
		1	\$18.98			\$25.31		63.1%
		Avg	\$14.15			\$2.90		
Utah	QW	1	\$14.77	\$0.89	\$2.30	\$17.96	\$30.30	59.3%
		2	\$17.76			\$21.32		70.4%
		3	\$20.29			\$24.21		79.9%
		Avg	\$16.13			\$0.92		
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%
		Avg	\$13.597					
Washington	QW	1	\$6.41	\$1.34	\$1.20	\$8.95	\$39.41	22.7%
		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					

Updated July 2002

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (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.