

UNBUNDLED NETWORK ELEMENT RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted

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 2 3 Avg	\$15.24 \$24.75 \$44.85 \$19.04	\$2.07	\$0.0017	\$0.0008 Tandem Switching \$0.00045 Common Transport
Alaska 183,484 42,811	ATU ACS	1 1	\$13.85 \$19.19	\$4.27 \$1.38	\$0.006595 \$0.00203	\$0.004712 Tandem Switching \$0.000416 Termination \$0.00155 Tandem Switching \$0.00023 Common Transport
Arizona 2,932,088	USW	1 2 3 Avg	\$18.96 \$34.94 \$56.53 \$21.98	\$1.61	\$0.0028	\$0.0014 Tandem Switching \$0.00088 Common Transport
Arkansas 1,069,214	SBC	3 2 1 Avg	\$11.86 \$13.64 \$23.34 \$13.09	\$1.61	\$0.001310 \$0.001690 \$0.002530 \$0.001843	\$0.000789 Tandem Switching \$0.000157-\$0.000196 plus per mile Common Transport
California 18,755,730	SBC	1 2 3 Avg	\$10.03 \$13.51 \$25.53 \$11.70	\$2.88*	\$0.00594 set up/ \$0.00184 Originating \$0.007 set up/ 0.00187 Terminating	\$0.00113 set up & \$0.00067 Tandem Switching \$0.00133 Common Transport
Colorado 2,867,692	USW	BRA 1 2 3 Avg	\$19.65 \$26.65 \$38.65 \$84.65 \$20.65	\$1.15	\$0.00283	\$0.002007 Tandem Switching

*Port rate doesn't include vertical features.

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)
Connecticut 2,527,459	SBC	1A B C D Avg	\$8.95 \$12.03 \$13.28 \$19.69 \$12.49	\$3.31	\$0.007151**	\$0.001984 Tandem Switching
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	USW	1	\$25.52	\$1.34	\$0.0029	\$0.0032 Tandem Switching \$0.00218 Common Transport
Illinois 6,953,854	AIT	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

** 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)
Indiana 2,285,207	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
Iowa 1,122,068	USW	1 2 3 Avg	\$16.04 \$19.14 \$33.36 \$20.15	\$1.15	\$0.00213	\$0.00424 Tandem Switching \$0.00134 Common Transport
Kansas 1,454,785	SBC	3 2 1 Avg	\$11.86 \$13.64 \$23.34 \$14.04	\$1.61	\$0.00131 \$0.00169 \$0.00253	\$0.000789 Tandem Switching \$0.000401-\$0.000475 Blended Transport
Kentucky 463,087 1,258,957	VZ BS	1 2 3 Avg 1 2 3 Avg	\$17.44 \$22.23 \$25.84 \$19.65 \$13.54 \$19.73 \$28.27 \$20.00	\$4.02 \$2.61	\$0.0036192 Originating \$0.0032276 Terminating \$0.002562	\$0.0008209 Tandem Switching \$0.001096 Tandem Switching \$0.000426 Common Transport
Louisiana 2,418,203	BS	1 2 3 Avg	\$14.05 \$24.14 \$49.30 \$17.31	\$2.55	\$0.0021	\$0.0008 Tandem Switching \$0.00047 Common Transport
Maine 724,630	VZ	1 2 3 Avg	\$12.67 \$15.59 \$23.00 \$17.53	\$2.24 \$2.07 \$1.82 \$2.01	\$0.003197-\$0.00707 \$0.005262-\$0.002263 \$0.009101-\$0.005389	\$0.002575 - \$0.001776 Tandem Switching \$0.000886 - \$0.00000 Common Transport
Maryland 3,924,291	VZ	A1 A2 B1 B2 Avg	\$12.11 \$12.85 \$25.96 \$18.40 \$14.50	\$1.90	\$0.0038	\$0.000695 Tandem Switching \$0.000353 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)
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	AIT	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	USW	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			
Missouri 2,749,726	SBC	1	\$12.71	\$1.74 \$1.97 \$2.47 \$2.25	\$0.001620 \$0.001949 \$0.002807 \$0.002391	\$0.001231 Tandem Switching \$0.000507-\$0.000697 Blended Transport
		2	\$18.64			
		3	\$19.74			
		4	\$16.41			
		Avg	\$15.19			
Montana 381,611	USW	Base	\$26.69	\$1.45	\$0.0029	\$0.004075 Tandem Switching \$0.002118 Common Transport
		1	\$27.62			
		2	\$31.36			
		3	\$33.85			
		Avg	\$27.41			
Nebraska 510,773	USW	1	\$13.74	\$1.37	\$0.004131	\$0.002594 Tandem Switching \$0.001243 Common Transport
		2	\$27.48			
		3	\$54.98			
		Avg	\$15.79			

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)
Nevada 389,199	SBC	1 2 3 Avg	\$11.75 \$22.66 \$66.31 \$19.83	\$1.63	\$0.00161	\$0.00171 Tandem Switching \$0.00727 Common Transport
New Hampshire 801,344	VZ	1 2 3 Avg	\$14.01 \$15.87 \$24.09 \$17.99	\$2.51 \$2.20 \$2.21 \$2.22	\$0.010697-\$0.003888	\$0.001589-\$0.001386 Tandem Switching \$0.001001-\$0.0000 Common Transport
New Jersey 6,692,681	VZ	1 2 3 Avg	\$8.12 \$9.59 \$10.92 \$9.52	\$0.73	\$0.002773 Originating \$0.002508 Terminating	\$0.000674 Tandem Switching \$0.000085 & \$0.0000006 per mile Common Transport
New Mexico 860,898	USW	1 2 3 Avg	\$17.75 \$20.30 \$26.23 \$20.50	\$1.38	\$0.0011083	\$0.001616 Tandem Switching \$0.001882 Common Transport
New York 11,869,385	VZ	1 2 3 Avg	\$11.83 \$12.49 \$19.24 \$14.81	\$2.50	\$0.003806 Day \$0.001837 Eve \$0.001508 Nite	\$0.001136-\$0.00067 Tandem Switching \$0.003141-\$0.000321 Common Transport
North Carolina 2,594,816	BS	1 2 3 Avg	\$12.11 \$21.24 \$33.65 \$15.88	\$2.19	\$0.0017	\$0.0009 Tandem Switching \$0.00034 Common Transport
North Dakota 215,193	USW	1 2 3 Avg	\$16.41 \$27.66 \$62.66 \$19.75	\$1.27	\$0.0025	\$0.0084 Tandem Switching \$0.001703 Common Transport
Ohio 4,103,686	AIT	B C D Avg	\$5.93 \$7.97 \$9.52 \$7.01	\$4.63	\$0.003226	\$0.000689 Tandem Switching
Oklahoma 1,737,875	SBC	3 2 1 Avg	\$12.14 \$13.65 \$26.25 \$14.84	\$2.18 \$2.21 \$2.58 \$2.25	\$0.002268 \$0.002516 \$0.0038	\$0.000956 Tandem Switching \$0.000607-\$0.000972 Blended 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)
Oregon 1,451,229	USW	1 2 3 Avg	\$13.95 \$25.20 \$56.21 \$15.00	\$1.26	\$0.001330	\$0.001596 Tandem Switching \$0.001273 Common Transport
Pennsylvania 6,395,835	VZ	1 2 3 4 Avg	\$10.25 \$11.00 \$14.00 \$16.75 \$13.81	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
Rhode Island 660,645	VZ	1 2 3 Avg	\$11.19 \$15.44 \$19.13 \$13.93	\$3.58 \$4.47 \$4.04 \$4.15	\$0.002921 Originating \$0.002563 Terminating	\$0.001705 Tandem Switching \$0.001050 Common Transport
South Carolina 1,528,085	BS	1 2 3 Avg	\$14.94 \$21.39 \$26.72 \$17.60	\$1.65 w/all features \$3.04	\$0.0010519	\$0.0001634 Tandem Switching \$0.0004095 Common Transport
South Dakota 276,180	USW	1 2 3 Avg	\$17.01 \$18.54 \$24.37 \$21.09	\$1.84	\$0.003469	\$0.001748 Tandem Switching \$0.001388 Common Transport
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
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	USW	1 2 3 Avg	\$14.41 \$17.47 \$24.14 \$16.46	\$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

*** 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)
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	USW	1 2 3 4 5 Avg	\$7.91 \$14.13 \$15.90 \$17.85 \$23.82 \$18.16	\$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	AIT	1	\$10.90	\$3.71	\$0.003451	\$0.000674 Tandem Switching \$0.001072 Common Transport
Wyoming 258,704	USW	BRA 1 2 3 Avg	\$19.05 \$31.83 \$40.11 \$58.43 \$25.65	\$1.53	\$0.003753	\$0.001642 Tandem Switching \$0.001855 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

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	\$41.83	45.4%
		2	\$24.75			\$28.52		68.2%
		3	\$44.85			\$48.62		116.2%
		Avg	\$19.04					
Alaska	ATU	1	\$13.85	\$4.27	\$6.60	\$24.72	n/a	n/a
	ACS	1	\$19.19	\$1.38	\$2.03	\$22.60		
Arizona	USW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$34.89	67.0%
		2	\$34.94			\$39.35		112.8%
		3	\$56.53			\$60.94		174.7%
		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$36.17	40.9%
		2	\$13.64		\$1.69	\$16.94		46.8%
		1	\$23.34		\$2.53	\$27.48		76.0%
		Avg	\$13.09		\$1.84			
California	SBC	1	\$10.03	\$2.88*	\$2.50	\$15.38	\$27.86	55.2%
		2	\$13.51			\$18.86		67.7%
		3	\$25.53			\$30.88		110.8%
		Avg	\$11.70					
Colorado	USW	BRA	\$19.65	\$1.15	\$2.83	\$23.63	\$41.66	56.7%
		1	\$26.65			\$30.63		73.5%
		2	\$38.65			\$42.63		102.3%
		3	\$84.65			\$88.63		212.7%
		Avg	\$20.65					
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$29.72	65.3%
		B	\$12.03			\$22.49		75.7%
		C	\$13.28			\$23.74		79.9%
		D	\$19.69			\$30.15		101.4%
		Avg	\$12.49					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$36.92	41.6%
Delaware	VZ	1	\$10.07	\$2.23	\$2.78	\$15.08	\$29.16	51.7%
		2	\$13.13			\$18.14		62.2%
		3	\$16.67			\$21.68		74.3%
		Avg	\$12.05					

*Port rate doesn't include vertical features.

** On-NET Rate, includes shared transport.

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	\$34.65	43.2%
		2	\$17.27			\$19.44		56.1%
		3	\$33.36			\$35.53		102.5%
		Avg	\$15.81					
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$43.38	40.8%
		2	\$16.41			\$19.89		45.9%
		3	\$26.08			\$29.56		68.1%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$41.00	50.6%
		Maui	\$17.23			\$27.53		67.1%
		Hawaii	\$21.91			\$32.21		78.6%
Idaho	USW	1	\$25.52	\$1.34	\$2.90	\$29.76	\$34.08	87.3%
Illinois	AIT	1A	\$2.59	\$5.01 Port rate includes unlimited switching	n/a	\$7.60	\$34.65	21.9%
		1B	\$7.07			\$12.08		34.9%
		1C	\$11.40			\$16.41		47.4%
		2C	\$11.40			\$16.41		47.4%
		Avg	\$9.81					
Indiana	AIT	3	\$8.03	\$5.34	\$3.44	\$16.81	\$33.02	50.9%
		2	\$8.15			\$16.93		51.3%
		1	\$8.99			\$17.77		53.8%
		Avg	\$8.20					
Iowa	USW	1	\$16.04	\$1.15	\$2.13	\$19.32	\$28.04	68.9%
		2	\$19.14			\$22.42		80.0%
		3	\$33.36			\$36.64		130.7%
		Avg	\$20.15					
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$35.65	41.5%
		2	\$13.64		\$1.69	\$16.94		47.5%
		1	\$23.34		\$2.53	\$27.48		77.1%
		Avg	\$14.04					
Kentucky	VZ	1	\$17.44	\$4.02	\$3.42	\$24.88	\$40.98	60.7%
		2	\$22.23			\$29.67		72.4%
		3	\$25.84			\$33.28		81.2%
		Avg	\$19.65					
	BS	1	\$13.54	\$2.61	\$2.56	\$18.71	\$40.94	45.7%
		2	\$19.73			\$24.90		60.8%
		3	\$28.27			\$33.44		81.7%
		Avg	\$20.00					

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	\$42.60	43.9%
		2	\$24.14					67.6%
		3	\$49.30					126.6%
		Avg	\$17.31					
Maine	VZ	1	\$12.67	\$2.24	\$2.89	\$17.80	\$31.91	55.8%
		2	\$15.59					70.7%
		3	\$23.00					104.9%
		Avg	\$17.53					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$34.22	52.0%
		A2	\$12.85					54.2%
		B1	\$25.96					92.5%
		B2	\$18.40					70.4%
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$31.69	40.4%
		2	\$14.11					61.2%
		3	\$16.12					67.6%
		4	\$20.04					80.0%
		Avg	\$14.98					
Michigan	AIT	A	\$8.47	\$2.53	\$1.19	\$12.19	\$29.67	41.1%
		B	\$8.73					42.0%
		C	\$12.54					54.8%
		Avg	\$10.15					
Minnesota	USW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$33.99	34.4%
		2	\$12.33					44.8%
		3	\$14.48					51.1%
		4	\$21.91					73.0%
		Avg	\$17.87					
Mississippi	BS	1	\$15.58	\$2.11	\$2.38	\$20.07	\$45.88	43.7%
		2	\$20.65					54.8%
		3	\$29.51					74.1%
		4	\$38.94					94.7%
		Avg	\$21.26					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$33.71	47.7%
		2	\$18.64					66.9%
		3	\$19.74					74.2%
		4	\$16.41					62.4%
		Avg	\$15.19					

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Montana	USW	1	\$26.69	\$1.45	\$2.90	\$31.04	\$36.44	85.2%
		2	\$27.62			\$31.97		87.7%
		3	\$31.36			\$35.71		98.0%
		4	\$33.95			\$38.30		105.1%
		Avg	\$27.41					
Nebraska	USW	1	\$13.74	\$1.37	\$4.13	\$19.24	\$40.97	47.0%
		2	\$27.48			\$32.98		80.5%
		3	\$54.98			\$60.48		147.6%
		Avg	\$15.79					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$28.21	53.1%
		2	\$22.66			\$25.90		91.8%
		3	\$66.31			\$69.55		246.5%
		Avg	\$19.83					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$30.05	81.3%
		2	\$15.87			\$25.99		86.5%
		3	\$24.09			\$34.22		113.9%
		Avg	\$17.53			\$2.22		
New Jersey	VZ	1	\$8.12	\$0.73	\$2.64	\$11.49	\$26.10	44.0%
		2	\$9.59			\$12.96		49.7%
		3	\$10.92			\$14.29		54.8%
		Avg	\$9.52					
New Mexico	USW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$36.43	55.6%
		2	\$20.30			\$22.79		62.6%
		3	\$26.23			\$28.72		78.8%
		Avg	\$20.50					
New York	VZ	1	\$11.83	\$2.50	\$2.75	\$17.08	\$42.01	40.7%
		2	\$12.49			\$17.74		42.2%
		3	\$19.24			\$24.49		58.3%
		Avg	\$14.81					
North Carolina	BS	1	\$12.11	\$2.19	\$1.70	\$16.00	\$36.83	43.4%
		2	\$21.24			\$25.13		68.2%
		3	\$33.65			\$37.54		101.9%
		Avg	\$15.88					
North Dakota	USW	1	\$16.41	\$1.27	\$2.50	\$20.18	\$30.67	65.8%
		2	\$27.66			\$31.43		102.5%
		3	\$62.66			\$66.43		216.6%
		Avg	\$19.75					

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Ohio	AIT	B	\$5.93	\$4.63	\$3.23	\$13.79	\$33.49	41.2%
		C	\$7.97			\$15.83		47.3%
		D	\$9.52			\$17.38		51.9%
		Avg	\$7.01					
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$33.42	49.6%
		2	\$13.65	\$2.21	\$2.52	\$18.38		55.0%
		1	\$26.25	\$2.58	\$3.80	\$32.63		97.6%
		Avg	\$14.84	\$2.25				
Oregon	USW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$33.46	49.4%
		2	\$25.20			\$27.79		83.1%
		3	\$56.21			\$58.80		175.7%
		Avg	\$15.00					
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$27.39	53.4%
		2	\$11.00			\$15.38		56.2%
		3	\$14.00			\$18.38		67.1%
		4	\$16.75			\$21.13		77.1%
Avg	\$13.81							
Rhode Island	VZ	1	\$11.19	\$3.58	\$2.74	\$17.51	\$30.10	58.2%
		2	\$15.44	\$4.47		\$22.65		75.2%
		3	\$19.13	\$4.04		\$25.91		86.1%
		Avg	\$13.93	\$4.15				
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$42.22	41.8%
		2	\$21.39			\$24.09		57.1%
		3	\$26.72			\$29.42		69.7%
		Avg	\$17.60					
South Dakota	USW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$32.11	69.5%
		2	\$18.54			\$23.85		74.3%
		3	\$24.37			\$29.68		92.4%
		Avg	\$21.09					
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$38.82	40.9%
		2	\$17.23			\$19.92		51.3%
		3	\$22.53			\$25.22		65.0%
		Avg	\$14.92					
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$34.40	46.0%
		2	\$13.65	\$2.47		\$18.24		53.0%
		1	\$18.98	\$4.21		\$25.31		73.6%
		Avg	\$14.15	\$2.90				

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Utah	USW	1	\$14.41	\$0.89	\$2.30	\$17.60	\$33.34	52.8%
		2	\$17.47	\$0.90	\$2.66	\$21.03		63.1%
		3	\$24.14	\$1.02	\$2.90	\$28.06		84.2%
		Avg	\$20.00					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$35.79	35.6%
		2	\$8.35			\$13.38		37.4%
		3	\$21.63			\$26.66		74.5%
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$33.37	45.4%
		2	\$16.45			\$20.85		62.5%
		3	\$29.40			\$33.80		101.3%
		Avg	\$13.597					
Washington	USW	1	\$7.91	\$1.34	\$1.20	\$10.45	\$31.87	32.8%
		2	\$14.13			\$16.67		52.3%
		3	\$15.90			\$18.44		57.9%
		4	\$17.85			\$20.39		64.0%
		5	\$23.82			\$26.36		82.7%
		Avg	\$18.16					
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$40.33	59.1%
		2	\$22.04			\$30.88		76.6%
		3	\$43.44			\$52.28		129.6%
		Avg	\$24.58					
Wisconsin	AIT	1	\$10.90	\$3.71	\$3.45	\$18.06	\$31.63	57.1%
Wyoming	USW	BRA	\$19.05	\$1.53	\$3.75	\$24.33	\$38.56	63.1%
		1	\$31.83			\$37.11		96.2%
		2	\$40.11			\$45.39		117.7%
		3	\$58.43			\$63.71		165.2%
		Avg	\$25.65					

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

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	\$24.67	77.1%
		2	\$24.75			\$28.52		115.6%
		3	\$44.85			\$48.62		197.1%
		Avg	\$19.04					
Alaska	ATU	1	\$13.85	\$4.27	\$6.60	\$24.72	\$16.31	151.6%
Arizona	USW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$21.48	108.8%
		2	\$34.94			\$39.35		183.2%
		3	\$56.53			\$60.94		283.7%
		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$24.19	61.1%
		2	\$13.64			\$16.94		70.0%
		1	\$23.34			\$27.48		113.6%
		Avg	\$13.09			\$1.84		
California	SBC	1	\$10.03	\$2.88*	\$2.50	\$15.38	\$18.83	81.7%
		2	\$13.51			\$18.86		100.2%
		3	\$25.53			\$30.88		164.0%
		Avg	\$11.70					
Colorado	USW	BRA	\$19.65	\$1.15	\$2.83	\$23.63	\$23.46	100.7%
		1	\$26.65			\$30.63		130.6%
		2	\$38.65			\$42.63		181.7%
		3	\$84.65			\$88.63		377.8%
		Avg	\$20.65					
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$20.64	94.0%
		B	\$12.03			\$22.49		109.0%
		C	\$13.28			\$23.74		115.0%
		D	\$19.69			\$30.15		146.1%
		Avg	\$12.49					
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$22.14	69.4%

*Port rate doesn't include vertical features.

** On-NET Rate, includes shared transport.

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	\$17.16	87.9%
		2	\$13.13			\$18.14		105.7%
		3	\$16.67			\$21.68		126.3%
		Avg	\$12.05					
Florida	BS	1	\$12.79	\$1.40	\$0.77	\$14.96	\$18.85	79.4%
		2	\$17.27			\$19.44		103.1%
		3	\$33.36			\$35.53		188.5%
		Avg	\$15.81					
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$26.92	65.7%
		2	\$16.41			\$19.89		73.9%
		3	\$26.08			\$29.56		109.8%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$24.44	84.9%
		Maui	\$17.23			\$27.53		112.6%
		Hawaii	\$21.91			\$32.21		131.8%
Idaho	USW	1	\$25.52	\$1.34	\$2.90	\$29.76	\$17.05	174.5%
Illinois	AIT	1A	\$2.59	\$5.01 Port rate includes unlimited switching	n/a	\$7.60	\$10.28	73.9%
		1B	\$7.07			\$12.08		74.1%
		1C	\$11.40			\$16.41		97.2%
		2C	\$11.40			\$16.41		97.2%
		Avg	\$9.81					
Indiana	AIT	3	\$8.03	\$5.34	\$3.44	\$16.81	\$20.71	81.2%
		2	\$8.15			\$16.93		81.7%
		1	\$8.99			\$17.77		85.8%
		Avg	\$8.20					
Iowa	USW	1	\$16.04	\$1.15	\$2.13	\$19.32	\$16.09	120.1%
		2	\$19.14			\$22.42		139.3%
		3	\$33.36			\$36.64		227.7%
		Avg	\$20.15					
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$19.52	75.7%
		2	\$13.64			\$16.94		86.8%
		1	\$23.34			\$27.48		140.8%
		Avg	\$14.04					

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage
Kentucky	VZ	1	\$17.44	\$4.02	\$3.42	\$24.88	\$24.60	101.1%
		2	\$22.23			\$29.67		120.6%
		3	\$25.84			\$33.28		135.3%
		Avg	\$19.65					
	BS	1	\$13.54	\$2.61	\$2.56	\$18.71	\$26.63	76.1%
		2	\$19.73			\$24.90		93.5%
		3	\$28.27			\$33.44		125.6%
Avg	\$20.00							
Louisiana	BS	1	\$14.05	\$2.55	\$2.10	\$18.70	\$21.62	86.5%
		2	\$24.14			\$28.79		133.2%
		3	\$49.30			\$53.95		249.5%
		Avg	\$17.31					
Maine	VZ	1	\$12.67	\$2.24	\$2.89	\$17.80	\$21.74	81.9%
		2	\$15.59			\$22.56		103.8%
		3	\$23.00			\$33.48		154.0%
		Avg	\$17.53					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$26.71	66.7%
		A2	\$12.85			\$18.55		69.4%
		B1	\$25.96			\$31.66		118.5%
		B2	\$18.40			\$24.10		90.2%
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$25.11	51.0%
		2	\$14.11			\$19.41		77.3%
		3	\$16.12			\$21.42		85.3%
		4	\$20.04			\$25.34		100.9%
		Avg	\$14.98					
Michigan	AIT	A	\$8.47	\$2.53	\$1.19	\$12.19	\$21.64	56.3%
		B	\$8.73			\$12.45		57.5%
		C	\$12.54			\$16.26		75.1%
		Avg	\$10.15					
Minnesota	USW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$23.40	50.0%
		2	\$12.33			\$15.22		65.0%
		3	\$14.48			\$17.37		74.2%
		4	\$21.91			\$24.80		106.0%
		Avg	\$17.87					

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	\$27.26	73.6%
		2	\$20.65			\$25.14		92.2%
		3	\$29.51			\$34.00		124.7%
		4	\$38.94			\$43.43		159.3%
		Avg	\$21.26					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$20.15	79.8%
		2	\$18.64	\$1.97	\$1.95	\$22.56		112.0%
		3	\$19.74	\$2.47	\$2.81	\$25.02		124.2%
		4	\$16.41	\$2.25	\$2.39	\$21.05		104.5%
		Avg	\$15.19					
Montana	USW	1	\$26.69	\$1.45	\$2.90	\$31.04	\$21.75	142.7%
		2	\$27.62			\$31.97		147.0%
		3	\$31.36			\$35.71		164.2%
		4	\$33.95			\$38.30		176.1%
		Avg	\$27.41					
Nebraska	USW	1	\$13.74	\$1.37	\$4.13	\$19.24	\$25.33	76.0%
		2	\$27.48			\$32.98		130.2%
		3	\$54.98			\$60.48		238.8%
		Avg	\$15.79					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$16.21	92.5%
		2	\$22.66			\$29.93		184.6%
		3	\$66.31			\$69.55		429.1%
		Avg	\$19.83					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$21.27	114.9%
		2	\$15.87	\$2.20		\$25.99		122.2%
		3	\$24.09	\$2.21		\$34.22		160.9%
		Avg	\$17.53	\$2.22				
New Jersey	VZ	1	\$8.12	\$0.73	\$2.64	\$11.49	\$15.09	76.1%
		2	\$9.59			\$12.96		85.9%
		3	\$10.92			\$14.29		94.7%
		Avg	\$9.52					

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	USW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$23.05	87.8%		
		2	\$20.30			\$22.79		98.9%		
		3	\$26.23			\$28.72		124.6%		
		Avg	\$20.50							
New York	VZ	1	\$11.83	\$2.50	\$2.75	\$17.08	\$26.90	63.5%		
		2	\$12.49			\$17.74		65.9%		
		3	\$19.24			\$24.49		91.0%		
		Avg	\$14.81							
North Carolina	BS	1	\$12.11	\$2.19	\$1.70	\$16.00	\$19.22	83.2%		
		2	\$21.24			\$25.13		130.7%		
		3	\$33.65			\$37.54		195.3%		
		Avg	\$15.88							
North Dakota	USW	1	\$16.41	\$1.27	\$2.50	\$20.18	\$23.25	86.8%		
		2	\$27.66			\$31.43		135.2%		
		3	\$62.66			\$66.43		285.7%		
		Avg	\$19.75							
Ohio	AIT	B	\$5.93	\$4.63	\$3.23	\$13.79	\$20.60	66.9%		
		C	\$7.97			\$15.83		76.8%		
		D	\$9.52			\$17.38		84.4%		
		Avg	\$7.01							
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$19.81	83.7%		
		2	\$13.65			\$2.21		\$18.38	92.8%	
		1	\$26.25			\$2.58		\$3.80	\$32.63	164.7%
		Avg	\$14.84			\$2.25				
Oregon	USW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$23.25	71.1%		
		2	\$25.20			\$27.79		119.5%		
		3	\$56.21			\$58.80		252.9%		
		Avg	\$15.00							
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$20.60	71.0%		
		2	\$11.00			\$15.38		74.7%		
		3	\$14.00			\$18.38		89.2%		
		4	\$16.75			\$21.13		102.6%		
		Avg	\$13.81							

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	\$3.58	\$2.74	\$17.51	\$25.54	68.6%
		2	\$15.44	\$4.47		\$22.65		88.7%
		3	\$19.13	\$4.04		\$25.91		101.4%
		Avg	\$13.93	\$4.15				
South Carolina	BS	1	\$14.94	\$1.65	\$1.05	\$17.64	\$20.90	84.4%
		2	\$21.39			\$24.09		115.3%
		3	\$26.72			\$29.42		140.8%
		Avg	\$17.60					
South Dakota	USW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$20.61	108.3%
		2	\$18.54			\$23.85		115.7%
		3	\$24.37			\$29.68		144.0%
		Avg	\$21.09					
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$22.33	71.1%
		2	\$17.23			\$19.92		89.2%
		3	\$22.53			\$25.22		112.9%
		Avg	\$14.92					
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$20.28	78.1%
		2	\$13.65	\$2.47		\$18.24		89.9%
		1	\$18.98	\$4.21		\$25.31		124.8%
		Avg	\$14.15	\$2.90				
Utah	USW	1	\$14.41	\$0.89	\$2.30	\$17.60	\$19.79	88.9%
		2	\$17.47	\$0.90	\$2.66	\$21.03		106.3%
		3	\$24.14	\$1.02	\$2.90	\$28.06		141.8%
		Avg	\$20.00					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$28.22	45.2%
		2	\$8.35			\$13.38		47.4%
		3	\$21.63			\$26.66		94.5%
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$25.82	58.6%
		2	\$16.45			\$20.85		80.8%
		3	\$29.40			\$33.80		130.9%
		Avg	\$13.597					

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Residential Rate (per Month)	Percentage
Washington	USW	1	\$7.91	\$1.34	\$1.20	\$10.45	\$20.22	51.7%
		2	\$14.13			\$16.67		82.4%
		3	\$15.90			\$18.44		91.2%
		4	\$17.85			\$20.39		100.8%
		5	\$23.82			\$26.36		130.4%
		Avg	\$18.16					
West Virginia	VZ	1	\$14.99	\$1.60	\$7.24	\$23.83	\$26.40	90.3%
		2	\$22.04			\$30.88		117.0%
		3	\$43.44			\$52.28		198.0%
		Avg	\$24.58					
Wisconsin	AIT	1	\$10.90	\$3.71	\$3.45	\$18.06	\$12.14	148.8%
Wyoming	USW	BRA	\$19.05	\$1.53	\$3.75	\$24.33	\$28.66	84.9%
		1	\$31.83			\$37.11		129.5%
		2	\$40.11			\$45.39		158.4%
		3	\$58.43			\$63.71		222.3%
		Avg	\$25.65					

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 state rates, the federal subscriber line charge and federal universal 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

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	\$50.40	37.7%
		2	\$24.75			\$28.52		56.6%
		3	\$44.85			\$48.62		96.5%
		Avg	\$19.04					
Alaska	ATU	1	\$13.85	\$4.27	\$6.60	\$24.72	\$32.95	75.0%
Arizona	USW	1	\$18.96	\$1.61	\$2.80	\$23.37	\$44.08	53.0%
		2	\$34.94			\$39.35		89.3%
		3	\$56.53			\$60.94		138.2%
		Avg	\$21.98					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$43.09	34.3%
		2	\$13.64		\$1.69	\$16.94		39.3%
		1	\$23.34		\$2.53	\$27.48		63.8%
		Avg	\$13.09		\$1.84			
California	SBC	1	\$10.03	\$2.88*	\$2.50	\$15.38	\$20.16	76.3%
		2	\$13.51			\$18.86		93.6%
		3	\$25.53			\$30.88		153.2%
		Avg	\$11.70					
Colorado	USW	BRA	\$19.65	\$1.15	\$2.83	\$23.63	\$48.94	48.3%
		1	\$26.65			\$30.63		62.6%
		2	\$38.65			\$42.63		87.1%
		3	\$84.65			\$88.63		181.1%
Avg	\$20.65							
Connecticut	SBC	1A	\$8.95	\$3.31	\$7.15**	\$19.41	\$45.65	42.5%
		B	\$12.03			\$22.49		49.3%
		C	\$13.28			\$23.74		52.0%
		D	\$19.69			\$30.15		66.0%
Avg	\$12.49							
D.C.	VZ	1	\$10.81	\$1.55	\$3.00	\$15.36	\$23.06	66.6%

*Port rate doesn't include vertical features.

** On-NET Rate, includes shared transport.

Table 4

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	\$32.37	46.6%
		2	\$13.13			\$18.14		56.0%
		3	\$16.67			\$21.68		67.0%
		Avg	\$12.05					
Florida	BS	1	\$12.79	\$1.40	\$0.77	\$14.96	\$42.67	35.1%
		2	\$17.27			\$19.44		45.6%
		3	\$33.36			\$35.53		83.3%
		Avg	\$15.81					
Georgia	BS	1	\$14.21	\$1.85	\$1.63	\$17.69	\$60.81	29.1%
		2	\$16.41			\$19.89		32.7%
		3	\$26.08			\$29.56		48.6%
		Avg	\$16.51					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$49.36	42.0%
		Maui	\$17.23			\$27.53		55.8%
		Hawaii	\$21.91			\$32.21		65.3%
Idaho	USW	1	\$25.52	\$1.34	\$2.90	\$29.76	\$38.03	78.3%
Illinois	AIT	1A	\$2.59	\$5.01 Port rate includes unlimited switching	n/a	\$7.60	\$14.34	53.0%
		1B	\$7.07			\$12.08		57.9%
		1C	\$11.40			\$16.41		76.4%
		2C	\$11.40			\$16.41		76.4%
		Avg	\$9.81					
Indiana	AIT	3	\$8.03	\$5.34	\$3.44	\$16.81	\$57.73	29.1%
		2	\$8.15			\$16.93		29.3%
		1	\$8.99			\$17.77		30.8%
		Avg	\$8.20					
Iowa	USW	1	\$16.04	\$1.15	\$2.13	\$19.32	\$36.56	52.8%
		2	\$19.14			\$22.42		61.3%
		3	\$33.36			\$36.64		100.2%
		Avg	\$20.15					
Kansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$24.22	61.0%
		2	\$13.64			\$16.94		69.9%
		1	\$23.34			\$27.48		113.5%
		Avg	\$14.04					

Table 4

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Business Rate (per Month)	Percentage
Kentucky	VZ	1	\$17.44	\$4.02	\$3.42	\$24.88	\$24.60	101.1%
		2	\$22.23			\$29.67		120.6%
		3	\$25.84			\$33.28		135.3%
		Avg	\$19.65					
	BS	1	\$13.54	\$2.61	\$2.56	\$18.71	\$47.27	76.1%
		2	\$19.73			\$24.90		52.7%
		3	\$28.27			\$33.44		70.7%
		Avg	\$20.00					
Louisiana	BS	1	\$14.05	\$2.55	\$2.10	\$18.70	\$47.64	39.3%
		2	\$24.14			\$28.79		60.4%
		3	\$49.30			\$53.95		113.2%
		Avg	\$17.31					
Maine	VZ	1	\$12.67	\$2.24	\$2.89	\$17.80	\$43.37	41.0%
		2	\$15.59			\$22.56		52.0%
		3	\$23.00			\$33.48		77.2%
		Avg	\$17.53					
Maryland	VZ	A1	\$12.11	\$1.90	\$3.80	\$17.81	\$27.04	65.8%
		A2	\$12.85			\$18.55		68.6%
		B1	\$25.96			\$31.66		117.1%
		B2	\$18.40			\$24.10		89.1%
		Avg	\$14.50					
Massachusetts	VZ	1	\$7.54	\$2.00	\$3.26	\$12.80	\$50.42	25.4%
		2	\$14.11			\$19.41		38.5%
		3	\$16.12			\$21.42		42.5%
		4	\$20.04			\$25.34		50.3%
		Avg	\$14.98					
Michigan	AIT	A	\$8.47	\$2.53	\$1.19	\$12.19	\$26.24	46.5%
		B	\$8.73			\$12.45		47.4%
		C	\$12.54			\$16.26		62.0%
		Avg	\$10.15					
Minnesota	USW	1	\$8.81	\$1.08	\$1.81	\$11.70	\$56.80	20.6%
		2	\$12.33			\$15.22		26.8%
		3	\$14.48			\$17.37		30.6%
		4	\$21.91			\$24.80		43.7%
		Avg	\$17.87					

Table 4

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	\$57.88	34.7%
		2	\$20.65			\$25.14		43.4%
		3	\$29.51			\$34.00		58.7%
		4	\$38.94			\$43.43		75.0%
		Avg	\$21.26					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$47.12	34.1%
		2	\$18.64			\$22.56		47.9%
		3	\$19.74			\$25.02		53.1%
		4	\$16.41			\$21.05		44.7%
		Avg	\$15.19					
Montana	USW	1	\$26.69	\$1.45	\$2.90	\$31.04	\$47.42	65.5%
		2	\$27.62			\$31.97		67.4%
		3	\$31.36			\$35.71		75.3%
		4	\$33.95			\$38.30		80.8%
		Avg	\$27.41					
Nebraska	USW	1	\$13.74	\$1.37	\$4.13	\$19.24	\$49.62	38.8%
		2	\$27.48			\$32.98		66.5%
		3	\$54.98			\$60.48		121.9%
		Avg	\$15.79					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$27.46	54.6%
		2	\$22.66			\$25.90		94.3%
		3	\$66.31			\$69.55		253.3%
		Avg	\$19.83					
New Hampshire	VZ	1	\$14.01	\$2.51	\$7.92	\$24.44	\$50.21	48.7%
		2	\$15.87			\$25.99		51.8%
		3	\$24.09			\$34.22		68.2%
		Avg	\$17.53			\$2.22		
New Jersey	VZ	1	\$8.12	\$0.73	\$2.64	\$11.49	\$20.44	56.2%
		2	\$9.59			\$12.96		63.4%
		3	\$10.92			\$14.29		69.9%
		Avg	\$9.52					
New Mexico	USW	1	\$17.75	\$1.38	\$1.11	\$20.24	\$58.43	34.6%
		2	\$20.30			\$22.79		39.0%
		3	\$26.23			\$28.72		49.2%
		Avg	\$20.50					

Table 4

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	\$11.83	\$2.50	\$2.75	\$17.08	\$28.35	60.2%		
		2	\$12.49			\$17.74		62.6%		
		3	\$19.24			\$24.49		86.4%		
		Avg	\$14.81							
North Carolina	BS	1	\$12.11	\$2.19	\$1.70	\$16.00	\$41.96	38.1%		
		2	\$21.24			\$25.13		59.9%		
		3	\$33.65			\$37.54		89.5%		
		Avg	\$15.88							
North Dakota	USW	1	\$16.41	\$1.27	\$2.50	\$20.18	\$36.70	55.0%		
		2	\$27.66			\$31.43		85.6%		
		3	\$62.66			\$66.43		181.0%		
		Avg	\$19.75							
Ohio	AIT	B	\$5.93	\$4.63	\$3.23	\$13.79	\$32.80	42.0%		
		C	\$7.97			\$15.83		48.3%		
		D	\$9.52			\$17.38		53.0%		
		Avg	\$7.01							
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.27	\$16.59	\$38.64	42.9%		
		2	\$13.65			\$2.21		\$18.38	47.6%	
		1	\$26.25			\$2.58		\$3.80	\$32.63	84.4%
		Avg	\$14.84			\$2.25				
Oregon	USW	1	\$13.95	\$1.26	\$1.33	\$16.54	\$44.06	37.5%		
		2	\$25.20			\$27.79		63.1%		
		3	\$56.21			\$58.80		133.5%		
		Avg	\$15.00							
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$19.57	74.8%		
		2	\$11.00			\$15.38		78.6%		
		3	\$14.00			\$18.38		93.9%		
		4	\$16.75			\$21.13		108.0%		
		Avg	\$13.81							
Rhode Island	VZ	1	\$11.19	\$3.58	\$2.74	\$17.51	\$28.39	61.7%		
		2	\$15.44			\$22.65		79.8%		
		3	\$19.13			\$25.91		91.3%		
		Avg	\$13.93			\$4.15				

Table 4

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	\$48.25	36.6%
		2	\$21.39			\$24.09		49.9%
		3	\$26.72			\$29.42		61.0%
		Avg	\$17.60					
South Dakota	USW	1	\$17.01	\$1.84	\$3.47	\$22.32	\$43.96	50.8%
		2	\$18.54			\$23.85		54.3%
		3	\$24.37			\$29.68		67.5%
		Avg	\$21.09					
Tennessee	BS	1	\$13.19	\$1.89	\$0.80	\$15.88	\$56.95	27.9%
		2	\$17.23			\$19.92		35.0%
		3	\$22.53			\$25.22		44.3%
		Avg	\$14.92					
Texas	SBC	3	\$12.14	\$1.58	\$2.12	\$15.84	\$44.82	35.3%
		2	\$13.65			\$18.24		40.7%
		1	\$18.98			\$25.31		56.5%
		Avg	\$14.15			\$2.90		
Utah	USW	1	\$14.41	\$0.89	\$2.30	\$17.60	\$30.52	57.7%
		2	\$17.47			\$21.03		68.9%
		3	\$24.14			\$28.06		91.9%
		Avg	\$20.00					
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$75.31	16.9%
		2	\$8.35			\$13.38		17.8%
		3	\$21.63			\$26.66		35.4%
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$3.10	\$15.14	\$74.57	20.3%
		2	\$16.45			\$20.85		28.0%
		3	\$29.40			\$33.80		45.3%
		Avg	\$13.597					
Washington	USW	1	\$7.91	\$1.34	\$1.20	\$10.45	\$38.53	27.1%
		2	\$14.13			\$16.67		43.3%
		3	\$15.90			\$18.44		47.9%
		4	\$17.85			\$20.39		52.9%
		5	\$23.82			\$26.36		68.4%
		Avg	\$18.16					

Table 4

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	\$63.42	37.6%
		2	\$22.04			\$30.88		48.7%
		3	\$43.44			\$52.28		82.4%
		Avg	\$24.58					
Wisconsin	AIT	1	\$10.90	\$3.71	\$3.45	\$18.06	\$23.47	76.9%
Wyoming	USW	BRA	\$19.05	\$1.53	\$3.75	\$24.33	\$28.66	84.9%
		1	\$31.83			\$37.11		129.5%
		2	\$40.11			\$45.39		158.4%
		3	\$58.43			\$63.71		222.3%
		Avg	\$25.65					

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 state rates, the federal subscriber line charge and federal universal surcharge on end-users.
4. The Percentage column is the Total Cost column divided by Average Residential Rate.