

UNBUNDLED NETWORK ELEMENT RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted

Updated July 2003

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Alabama 1,964,890	BS	1	\$12.58	\$1.38	\$0.0017	\$0.00063 Tandem Switching \$0.00045 Common Transport
		2	\$21.05			
		3	\$34.34			
		Avg	\$17.60 *			
Alaska 180,407 44,825	ATU	1	\$14.92	\$4.27	\$0.006595	\$0.004712 Tandem Switching \$0.000416 Termination
		1	\$19.19			
	ACS	1	\$19.19	\$1.38	\$0.00203	\$0.00155 Tandem Switching \$0.00023 Common Transport
		1	\$19.19			
Arizona 2,873,044	QW	1	\$9.05	\$1.61	\$0.0009695	\$0.000550 Tandem Switching \$0.0008236 Common Transport
		2	\$14.84			
		3	\$36.44			
		Avg	\$12.12			
Arkansas 1,037,211	SBC	3	\$11.86	\$1.61	\$0.001310 \$0.001690 \$0.002530	\$0.000789 Tandem Switching \$0.000157-\$0.000196 Common Transport
		2	\$13.64			
		1	\$23.34			
		Avg	\$13.09			
California 18,330,823	SBC	1	\$8.24	\$0.83	\$0.00175 Set Up \$0.000550 Originating 0.00208 Set Up \$0.000550 Terminating	\$0.00023 Set Up \$0.000130 Tandem Switching \$0.00120 Common Transport
		2	\$11.19			
		3	\$19.69			
		Avg	\$9.82			
Colorado 2,807,681	QW	1	\$5.91	\$1.15	\$0.00161	\$0.00069 Tandem Switching \$0.00111 Common Transport
		2	\$12.31			
		3	\$32.74			
		Avg	\$15.85			
Connecticut 2,381,200	SBC	1A	\$8.95	\$3.31	\$0.007151 On-Net** \$0.003576 Off-Net	\$0.001984 Tandem Switching
		B	\$12.03			
		C	\$13.28			
		D	\$19.69			
		Avg	\$12.49			

*Stand-alone rates. Loop and port combination rates used in UNE-P shown on Table 1A.

** On-Net rate charged only on originating minutes.

Updated July 2003

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. 919,587	VZ	1	\$4.29 **	\$0.76	\$0.00038 Originating \$0.00034 Terminating	\$0.00011 Tandem Switching \$0.00020 Common Transport
Delaware 589,979	VZ	1 2 3 Avg	\$10.07 \$13.13 \$16.67 \$12.05	\$2.23	\$0.002501 Originating \$0.001330 Terminating	\$0.0006688 Tandem Switching \$0.0001221 Common Transport
Florida 6,693,251	BS	1 2 3 Avg	\$10.69 \$15.20 \$26.97 \$15.27 *	\$1.40 *	\$0.0007662	\$0.0001319 Tandem Switching \$0.0004372 Common Transport
Georgia 4,225,392	BS	1 2 3 Avg	\$10.24 \$15.37 \$30.44 \$13.14 *	\$1.09 *	0.0006153	\$0.0000972 Tandem Switching \$0.0001914 Common Transport
Hawaii 720,374	VZ	Oahu Maui Hawaii	\$10.44 \$17.23 \$21.91	\$2.69	\$0.0076074	\$0.0012572 Tandem Switching \$0.0002710 Common Transport
Idaho 556,243	QW	1 2 3 Avg	\$15.65 \$23.76 \$40.50 \$20.21	\$1.34	\$0.001343	\$0.00069 Tandem Switching \$0.00111 Common Transport
Illinois 6,750,417	SBC	A B C Avg	\$2.59 \$7.07 \$11.40 \$9.81	\$2.18	Included in port rate	\$0.000215 Tandem Switching \$0.000304 Common Transport
Indiana 2,360,090	SBC	3 2 1 Avg	\$8.03 \$8.15 \$8.99 \$8.20	\$2.98	Included in port rate	\$0.000295 Tandem Switching \$0.000513 Common Transport
Iowa 1,107,337	QW	1 2 3 Avg	\$12.69 \$15.14 \$26.39 \$15.94	\$1.15	\$0.001558	\$0.00069 Tandem Switching \$0.00111 Common Transport

*Stand-alone rates. Loop and port combination rates used in UNE-P shown on Table 1A.

** Last rates ordered by DC Commission. Rates are subject to stay pending reconsideration.

Updated July 2003

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Kansas 1,390,959	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 1,237,577	BS	1	\$10.56	\$1.49	\$0.001197	\$0.0001940 Tandem Switching \$0.0007466 Common Transport
		2	\$15.34			
		3	\$31.11			
		Avg	\$18.04 *			
Louisiana 2,377,949	BS	1	\$12.90	\$1.52	\$0.001868	\$0.0001067 Tandem Switching \$0.0003748 Common Transport
		2	\$23.33			
		3	\$48.43			
		Avg	\$17.30 *			
Maine 731,657	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 3,932,175	VZ	A1	\$9.51	\$1.32	\$0.001243 Originating \$0.001090 Terminating	\$0.000233 Tandem Switching \$0.000113 Common Transport
		A2	\$9.55			
		B1	\$20.57			
		B2	\$13.56			
Avg	\$11.26					
Massachusetts 4,406,165	VZ	1	\$10.81	\$2.22	\$0.000825 Originating \$0.000724 Terminating	\$0.000043 Tandem Switching \$0.000715 Common Transport
		2	\$11.37			
		3	\$15.41			
		4	\$24.32			
Avg	\$13.93					
Michigan 5,102,599	SBC	A	\$8.47	\$2.53	\$0.001192	\$0.000191 Tandem Switching \$0.000446 Common Transport
		B	\$8.73			
		C	\$12.54			
		Avg	\$10.15			
Minnesota 2,279,543	QW	1	\$5.83	\$3.12	Included in port rate	0.00112 Tandem Switching 0.0006513 Common Transport
		2	\$8.95			
		3	\$10.62			
		4	\$15.66			
Avg	\$12.86					
Mississippi 1,345,229	BS	1	\$12.03	\$1.41	\$0.0010269	\$0.0001723 Tandem Switching \$0.0004541 Common Transport
		2	\$16.87			
		3	\$25.68			
		4	\$43.85			
Avg	\$23.12 *	\$2.56 w/all features *				

*Stand-alone rates. Loop and port combination rates used in UNE-P shown on Table 1A.

Updated July 2003

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Missouri 2,679,499	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 374,971	QW	1	\$23.10	\$1.58	\$0.001574	\$0.000690
		2	\$23.90			Tandem Switching
		3	\$27.13			\$0.001110
		4	\$29.29			Common Transport
		Avg	\$23.72			
Nebraska 473,127	QW	1	\$12.14	\$2.47	\$0.00126	\$0.00069
		2	\$28.11			Tandem Switching
		3	\$62.50			\$0.001110
		Avg	\$14.04			Common Transport
Nevada 386,888	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 795,753	VZ	1	\$11.97	\$0.71	\$0.002425 Day	\$0.000774-\$0.000684
		2	\$16.04		\$0.003199 Eve	Tandem Switching
		3	\$25.00		\$0.001343 Night	\$0.000714-\$0.000000
		Avg	\$16.21			Common Transport
New Jersey 6,681,455	VZ	1	\$8.12	\$1.91	\$0.001203	\$0.000674
		2	\$9.59		Originating	Tandem Switching
		3	\$10.92		\$0.001171	\$0.000085
		Avg	\$9.52		Terminating	Common Transport
New Mexico 854,785	QW	1	\$16.04	\$1.38	\$0.0011083	\$0.001616
		2	\$18.34			Tandem Switching
		3	\$23.70			\$0.0001252
		Avg	\$18.52			Common Transport
New York 11,857,572	VZ	1	\$7.70	\$4.57	\$0.001147	\$0.000481
		2	\$11.31		Originating	Tandem Switching
		3	\$15.51		\$0.00111	\$0.000939
		Avg	\$11.49		Terminating	Common Transport
North Carolina 2,526,805	BS	1	\$12.11	\$2.19	\$0.0017	\$0.0006
		2	\$21.24			Tandem Switching
		3	\$33.65			\$0.00034
		Avg	\$15.88			Common Transport
		*	*			

*Stand-alone rates. Loop and port combination rates used in UNE-P shown on Table 1A.

Updated July 2003

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 211,961	QW	1	\$13.53	\$1.27	\$0.001475	\$0.00069 Tandem Switching \$0.00110 Common Transport
		2	\$22.80			
		3	\$51.65			
		Avg	\$16.28			
Ohio 4,184,185	SBC	B	\$5.93	\$4.63	\$0.003226	\$0.000689 Tandem Switching
		C	\$7.97			
		D	\$9.52			
		Avg	\$7.01			
Oklahoma 1,663,280	SBC	3	\$12.14	\$2.18	\$0.002041 \$0.001881 \$0.002850	\$0.000794 Tandem Switching \$0.000212-\$0.000374 Common Transport
		2	\$13.65	\$2.21		
		1	\$26.25	\$2.58		
		Avg	\$14.84	\$2.25		
Oregon 1,424,151	QW	1	\$13.95	\$1.14	\$0.001330	\$0.00069 Tandem Switching \$0.001040 Common Transport
		2	\$25.20			
		3	\$56.21			
		Avg	\$15.00			
Pennsylvania 6,283,372	VZ	1	\$10.25	Option A:	\$0.001802 \$0.001615 \$0.001615 Terminating	\$0.000795 Tandem Switching \$0.000144 Common Transport
		2	\$11.00	\$2.67		
		3	\$14.00	Option B:***		
		4	\$16.75	\$1.90		
		Avg	\$13.81			
Rhode Island 641,977	VZ	1	\$11.19	\$1.86	\$0.001358 \$0.001192 Terminating	\$0.001418 Tandem Switching \$0.001050 Common Transport
		2	\$15.44			
		3	\$19.13			
		Avg	\$13.93			
South Carolina 1,503,098	BS	1	\$14.94	\$1.65	\$0.0010519	\$0.0001634 Tandem Switching \$0.0004095 Common Transport
		2	\$21.39			
		3	\$26.72			
		Avg	\$17.60 *			
South Dakota 257,651	QW	1	\$15.20	\$1.84	\$0.000702	\$0.000690 Tandem Switching \$0.001388 Common Transport
		2	\$16.56			
		3	\$21.77			
		Avg	\$18.84			
Tennessee 2,673,375	BS	1	\$11.74	\$1.89	\$0.0008041	\$0.0009778 Tandem Switching \$0.00038 Common Transport
		2	\$17.59			
		3	\$29.37			
		Avg	\$14.92 *			

*Stand-alone rates. Loop and port combination rates used in UNE-P shown on Table 1A.

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

Updated July 2003

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Texas 10,128,429	SBC	3	\$12.14	\$1.58	\$0.0014244	\$0.000794
		2	\$13.65	\$2.47	\$0.0012691	Tandem Switching
		1	\$18.98	\$3.05	\$0.0011973	\$0.000123-\$0.000144
		Avg	\$14.15	\$2.90	\$0.0021160	Common Transport
Utah 1,076,872	QW	1	\$11.41	\$0.89	0.001427	\$0.000671-\$0.000694
		2	\$13.83	\$0.90	0.001654	Tandem Switching
		3	\$19.11	\$1.02	0.001798	\$0.000990
		Avg	\$13.03	\$0.92	\$0.001626	Common Transport
Vermont 360,161	VZ	1	\$7.72	\$1.03	\$0.004003	\$0.000921
		2	\$8.35			Tandem Switching
		3	\$21.63			\$0.000630
		Avg	\$14.41			Common Transport
Virginia 3,583,082	VZ	1	\$10.74	\$1.30	\$0.002643	\$0.000548
		2	\$16.45		Originating	Tandem Switching
		3	\$29.40		\$0.001331	\$0.000114
		Avg	\$13.60		Terminating	Common Transport
Washington 2,496,763	QW	1	\$6.05	\$1.34	\$0.001178	\$0.00069
		2	\$10.99			Tandem Switching
		3	\$12.40			\$0.000760
		4	\$13.95			Common Transport
		5	\$18.70			
		Avg	\$14.20			
West Virginia 862,638	VZ	1	\$14.49	\$1.60	\$0.002586	\$0.0002394
		2	\$22.04		Originating	Tandem Switching
		3	\$35.00		\$0.002505	\$0.00067
		4	\$43.44		Terminating	Common Transport
		Avg	\$20.41			
Wisconsin 2,207,651	SBC	A	\$9.51	\$2.83	Included in port rate	\$0.000330
		B	\$10.87			Tandem Switching
		C	\$15.25			\$0.000485
		Avg.	\$10.18			Common Transport
Wyoming 261,260	QW	BRA	\$19.91	\$2.64	\$0.000920	\$0.000690
		1	\$26.94			Tandem Switching
		2	\$30.13			\$0.001110
		3	\$40.98			Common Transport
		Avg	\$23.39			

Note: Access line data from NECA USF submission to FCC, dated October 1, 2002.

UNE COMBINATION RATES

Rates Effective When Used As Part of Loop/Port Combination or UNE-P
Updated July 2003

State Access Lines	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per MOU)	Tandem Switching and Transport (per MOU)
Alabama 1,964,890	BS	1 2 3 Avg	\$11.55 \$20.04 \$33.65 \$16.66	\$1.15 \$1.98 w/ all features	\$0.0017	\$0.00063 Tandem Switching \$0.00045 Common Transport
Florida 6,693,257	BS	1 2 3 Avg	\$9.77 \$13.88 \$24.63 \$13.95	\$1.17	\$0.000766	\$0.0001319 Tandem Switching \$0.0004372 Termination
Georgia 4,225,392	BS	1 2 3 Avg	\$9.32 \$14.45 \$30.14 \$12.30	\$0.90	\$0.000615	\$0.0000972 Tandem Switching \$0.0001914 Common Transport
Kentucky	BS	1 2 3 Avg	\$9.64 \$14.37 \$30.59 \$17.26	\$1.15	\$0.001197	\$0.000194 Tandem Switching \$0.0007466 Common Transport
Louisiana 2,377,949	BS	1 2 3 Avg	\$11.77 \$22.39 \$48.26 \$16.24	\$1.36	\$0.001868	\$0.0001067 Tandem Switching \$0.0003748 Common Transport
Mississippi 1,345,229	BS	1 2 3 4 Avg	\$10.98 \$15.91 \$25.04 \$43.68 \$22.37	\$1.23 \$2.56 w/ all features	\$0.0010269	\$0.0001723 Tandem Switching \$0.0004541 Common Transport
New York 11,857,572	VZ	1 2 3 Avg	\$7.70 \$11.31 \$15.51 \$11.49	\$2.57	\$0.001147 Originating \$0.001110 Terminating	\$0.000481 Tandem Switching \$0.000939 Common Transport
North Carolina 2,526,805	BS	1 2 3 Avg	\$10.75 \$19.05 \$30.33 \$14.18	\$2.28	\$0.00170	\$0.00060 Tandem Switching \$0.00034 Common Transport
South Carolina 1,503,098	BS	1 2 3 Avg	\$13.76 \$20.38 \$26.04 \$16.51	\$1.13 \$3.04 w/ all features	\$0.0010519	\$0.0001634 Tandem Switching \$0.0004095 Common Transport
Tennessee 2,673,375	BS	1 2 3 Avg	\$11.11 \$16.65 \$27.80 \$14.12	\$1.70	\$0.0008041	\$0.0009778 Tandem Switching \$0.0003871 Common Transport

Note: Access line data from NECA USF submission to FCC, dated October 1, 2002.

UNE RATE/REVENUE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted

Updated July 2003

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	\$11.55	\$1.15	\$1.70	\$14.40	\$42.63	33.8%
		2	\$20.04			\$22.89		53.7%
		3	\$33.65			\$36.50		85.6%
		Avg	\$16.66					
Alaska	ATU	1	\$14.92	\$4.27	\$6.60	\$25.79	n/a	n/a
	ACS	1	\$19.19	\$1.38	\$2.03	\$22.60		
Arizona	QW	1	\$9.05	\$1.61	\$0.97	\$11.63	\$34.06	34.1%
		2	\$14.84			\$17.42		51.1%
		3	\$36.44			\$39.02		114.6%
		Avg	\$12.12					
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	\$8.24	\$0.83	\$0.74	\$9.81	\$26.69	36.8%
		2	\$11.19			\$12.76		47.8%
		3	\$19.69			\$21.26		79.7%
		Avg	\$9.82					
Colorado	QW	1	\$5.91	\$1.15	\$1.61	\$8.67	\$42.64	20.3%
		2	\$12.31			\$15.07		35.3%
		3	\$32.74			\$35.50		83.3%
		Avg	\$15.85					
Connecticut	SBC	1A	\$8.95	\$3.31	\$3.58*	\$15.84	\$31.98	49.5%
		B	\$12.03			\$18.92		59.2%
		C	\$13.28			\$20.17		63.1%
		D	\$19.69			\$26.58		83.1%
		Avg	\$12.49					
D.C.	VZ	1	\$4.29	\$0.76	\$0.36	\$5.41	\$36.52	14.8%

* Assumes MOU 75% On-Net, 25% Off-Net

Updated July 2003

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Delaware	VZ	1	\$10.07	\$2.23	\$1.92	\$14.22	\$28.84	49.3%
		2	\$13.13			\$17.28		59.9%
		3	\$16.67			\$20.82		72.2%
		Avg	\$12.05					
Florida	BS	1	\$9.77	\$1.17	\$0.77	\$11.71	\$34.54	33.9%
		2	\$13.88			\$15.82		45.8%
		3	\$24.63			\$26.57		76.9%
		Avg	\$13.95					
Georgia	BS	1	\$9.32	\$0.90	\$0.62	\$10.84	\$43.68	24.8%
		2	\$14.45			\$15.97		36.6%
		3	\$30.14			\$31.66		72.5%
		Avg	\$12.30					
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	\$15.65	\$1.34	\$1.34	\$18.33	\$34.29	53.5%
		2	\$23.76			\$26.44		77.1%
		3	\$40.50			\$43.18		125.9%
		Avg	\$20.21					
Illinois	SBC	A	\$2.59	\$2.18 Port rate includes unlimited switching	n/a	\$4.77	\$36.57	13.0%
		B	\$7.07			\$9.25		25.3%
		C	\$11.40			\$13.58		37.1%
		Avg	\$9.81					
Indiana	SBC	3	\$8.03	\$2.98 Port rate includes unlimited switching	n/a	\$11.01	\$33.01	33.4%
		2	\$8.15			\$11.13		33.7%
		1	\$8.99			\$11.97		36.3%
		Avg	\$8.20					
Iowa	QW	1	\$12.69	\$1.15	\$1.56	\$15.40	\$26.71	57.7%
		2	\$15.14			\$17.85		66.8%
		3	\$26.39			\$29.10		108.9%
		Avg	\$15.94					

Updated July 2003

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
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		\$1.84			
Kentucky	BS	1	\$9.64	\$1.15	\$1.20	\$11.99	\$41.13	29.2%
		2	\$14.37			\$16.72		40.7%
		3	\$30.59			\$32.94		80.1%
		Avg	\$17.26					
Louisiana	BS	1	\$11.77	\$1.36	\$1.87	\$15.00	\$43.83	34.2%
		2	\$22.39			\$25.62		58.5%
		3	\$48.26			\$51.49		117.5%
		Avg	\$16.24					
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	\$9.51	\$1.32	\$1.17	\$12.00	\$33.89	35.4%
		A2	\$9.55			\$12.04		35.5%
		B1	\$20.57			\$23.06		68.0%
		B2	\$13.56			\$16.05		47.4%
		Avg	\$11.26					
Massachusetts	VZ	1	\$10.81	\$2.22	\$0.77	\$13.80	\$31.93	43.2%
		2	\$11.37			\$14.36		45.0%
		3	\$15.41			\$18.40		57.6%
		4	\$24.32			\$27.31		85.5%
		Avg	\$13.93					
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	\$5.83	\$3.12	n/a	\$8.95	\$33.30	26.9%
		2	\$8.95			\$12.07		36.2%
		3	\$10.62			\$13.74		41.3%
		4	\$15.66			\$18.78		56.4%
		Avg	\$12.86					

Updated July 2003

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Mississippi	BS	1	\$10.98	\$1.23	\$1.03	\$13.24	\$51.46	25.7%
		2	\$15.91			\$18.17		35.3%
		3	\$25.04			\$27.30		53.1%
		4	\$43.68			\$45.94		89.3%
		Avg	\$22.37					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$34.52	46.6%
		2	\$18.64	\$1.97	\$1.95	\$22.56		65.4%
		3	\$19.74	\$2.47	\$2.81	\$25.02		72.5%
		4	\$16.41	\$2.25	\$2.39	\$21.05		61.0%
		Avg	\$15.19	\$1.89	\$2.19			
Montana	QW	1	\$23.10	\$1.58	\$1.57	\$26.25	\$35.13	74.7%
		2	\$23.90			\$27.05		77.0%
		3	\$27.13			\$30.28		86.2%
		4	\$29.29			\$32.44		92.3%
		Avg	\$23.72					
Nebraska	QW	1	\$12.14	\$2.47	\$1.26	\$15.87	\$41.51	38.2%
		2	\$28.11			\$31.84		76.7%
		3	\$62.50			\$66.23		159.6%
		Avg	\$14.04					
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	\$11.97	\$0.71	\$2.44	\$15.12	\$30.58	49.4%
		2	\$16.04			\$19.19		62.8%
		3	\$25.00			\$28.15		92.1%
		Avg	\$16.21					
New Jersey	VZ	1	\$8.12	\$1.91	\$1.18	\$11.21	\$26.04	43.0%
		2	\$9.59			\$12.68		48.7%
		3	\$10.92			\$14.01		53.8%
		Avg	\$9.52					

Updated July 2003

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage		
New Mexico	QW	1	\$16.04	\$1.38	\$1.11	\$18.53	\$32.90	56.3%		
		2	\$18.34			\$20.83		63.3%		
		3	\$23.70			\$26.19		79.6%		
		Avg	\$18.52							
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	\$10.75	\$2.28	\$1.70	\$14.73	\$37.24	39.6%		
		2	\$19.05			\$23.03		61.8%		
		3	\$30.33			\$34.31		92.1%		
		Avg	\$14.18							
North Dakota	QW	1	\$13.53	\$1.27	\$1.48	\$16.28	\$37.32	43.6%		
		2	\$22.80			\$25.55		68.5%		
		3	\$51.65			\$54.40		145.8%		
		Avg	\$16.28							
Ohio	SBC	B	\$5.93	\$4.63	\$3.23	\$13.79	\$33.80	40.8%		
		C	\$7.97			\$15.83		46.8%		
		D	\$9.52			\$17.38		51.4%		
		Avg	\$7.01							
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.04	\$16.36	\$31.75	51.5%		
		2	\$13.65			\$2.21		\$1.88	\$17.74	55.9%
		1	\$26.25			\$2.58		\$2.85	\$31.68	99.8%
		Avg	\$14.84			\$2.25		\$2.26		
Oregon	QW	1	\$13.95	\$1.14	\$1.33	\$16.42	\$24.20	67.9%		
		2	\$25.20			\$27.67		114.3%		
		3	\$56.21			\$58.68		242.5%		
		Avg	\$15.00							
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$28.50	51.3%		
		2	\$11.00			\$15.38		54.0%		
		3	\$14.00			\$18.38		64.5%		
		4	\$16.75			\$21.13		74.1%		
		Avg	\$13.81							

Updated July 2003

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage		
Rhode Island	VZ	1	\$11.19	\$1.86	\$1.28	\$14.33	\$31.00	46.2%		
		2	\$15.44			\$18.58		59.9%		
		3	\$19.13			\$22.27		71.8%		
		Avg	\$13.93							
South Carolina	BS	1	\$13.76	\$1.13	\$1.05	\$15.94	\$41.93	38.0%		
		2	\$20.38			\$22.56		53.8%		
		3	\$26.04			\$28.22		67.3%		
		Avg	\$16.51							
South Dakota	QW	1	\$15.20	\$1.84	\$0.70	\$17.74	\$33.51	52.9%		
		2	\$16.56			\$19.10		57.0%		
		3	\$21.77			\$24.31		72.5%		
		Avg	\$18.84							
Tennessee	BS	1	\$11.11	\$1.70	\$0.80	\$13.61	\$39.69	34.3%		
		2	\$16.65			\$19.15		48.2%		
		3	\$27.80			\$30.30		76.3%		
		Avg	\$14.12							
Texas	SBC	3	\$12.14	\$1.58	\$1.42	\$15.14	\$36.66	41.3%		
		2	\$13.65			\$2.47		\$1.20	\$17.54	47.8%
		1	\$18.98			\$4.21		\$2.12	\$24.61	67.1%
		Avg	\$14.15			\$2.90		\$1.58		
Utah	QW	1	\$11.41	\$0.89	\$1.43	\$13.73	\$35.41	38.8%		
		2	\$13.83			\$0.90		\$1.65	\$16.38	46.3%
		3	\$19.11			\$1.02		\$1.80	\$21.93	61.9%
		Avg	\$13.03			\$0.92		\$1.63		
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	\$1.99	\$14.03	\$34.02	41.2%		
		2	\$16.45			\$19.74		58.0%		
		3	\$29.40			\$32.69		96.1%		
		Avg	\$13.597							

Updated July 2003

State	Company	Density Zones	Loop Rate (per Month)	Port Rate (per Month)	Switching (per Month)	Total Cost	Average Revenue/line (per Month)	Percentage
Washington	QW	1	\$6.05	\$1.34	\$1.18	\$8.57	\$32.30	26.5%
		2	\$10.99			\$13.51		41.8%
		3	\$12.40			\$14.92		46.2%
		4	\$13.95			\$16.47		51.0%
		5	\$18.70			\$21.22		65.7%
		Avg	\$14.20					
West Virginia	VZ	1	\$14.49	\$1.60	\$2.55	\$18.64	\$40.45	46.1%
		2	\$22.04			\$26.19		64.7%
		3	\$35.00			\$39.15		96.8%
		4	\$43.44			\$47.59		117.7%
		Avg	\$20.41					
Wisconsin	SBC	A	\$9.51	\$2.83 Port rate includes unlimited switching	n/a	\$12.34	\$33.34	37.0%
		B	\$10.87			\$13.70		41.1%
		C	\$15.25			\$18.08		54.2%
		Avg.	\$10.18					
Wyoming	QW	BRA	\$19.91	\$2.64	\$0.92	\$23.47	\$42.54	55.2%
		1	\$26.94			\$30.50		71.7%
		2	\$30.13			\$33.69		79.2%
		3	\$40.98			\$44.54		104.7%
		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 2003

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	\$11.55	\$1.15	\$1.70	\$14.40	\$26.63	54.1%
		2	\$20.04			\$22.89		86.0%
		3	\$33.65			\$36.50		137.1%
		Avg	\$16.66					
Alaska	ATU	1	\$14.92	\$4.27	\$6.60	\$25.79	\$21.06	122.5%
Arizona	QW	1	\$9.05	\$1.61	\$0.97	\$11.63	\$22.80	51.0%
		2	\$14.84			\$17.42		76.4%
		3	\$36.44			\$39.02		171.1%
		Avg	\$12.12					
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$25.55	57.8%
		2	\$13.64			\$16.94		66.3%
		1	\$23.34			\$27.48		107.6%
		Avg	\$13.09			\$1.84		
California	SBC	1	\$8.24	\$0.83	\$0.74	\$9.81	\$17.40	56.4%
		2	\$11.19			\$12.76		73.3%
		3	\$19.69			\$21.26		122.2%
		Avg	\$9.82					
Colorado	QW	1	\$5.91	\$1.15	\$1.61	\$8.67	\$24.81	34.9%
		2	\$12.31			\$15.07		60.7%
		3	\$32.74			\$35.50		143.1%
		Avg	\$20.65					
Connecticut	SBC	1A	\$8.95	\$3.31	\$3.58*	\$15.84	\$20.16	78.6%
		B	\$12.03			\$18.92		93.8%
		C	\$13.28			\$20.17		100.0%
		D	\$19.69			\$26.58		131.8%
		Avg	\$12.49					
D.C.	VZ	1	\$4.29	\$0.76	\$0.36	\$5.41	\$20.85	25.9%

* Assumes MOU 75% On-Net, 25% Off-Net

Updated July 2003

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	\$1.92	\$14.22	\$18.07	78.7%
		2	\$13.13			\$17.28		95.6%
		3	\$16.67			\$20.82		111.2%
		Avg	\$12.05					
Florida	BS	1	\$9.77	\$1.17	\$0.77	\$11.71	\$20.86	56.1%
		2	\$13.88			\$15.82		75.8%
		3	\$24.63			\$26.57		127.4%
		Avg	\$13.95					
Georgia	BS	1	\$9.32	\$0.90	\$0.62	\$10.84	\$28.99	37.4%
		2	\$14.45			\$15.97		55.1%
		3	\$30.14			\$31.66		109.2%
		Avg	\$12.30					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$25.12	82.6%
		Maui	\$17.23			\$27.53		109.6%
		Hawaii	\$21.91			\$32.21		128.2%
Idaho	QW	1	\$15.65	\$1.34	\$1.34	\$18.33	\$24.58	74.6%
		2	\$23.76			\$26.44		107.6%
		3	\$40.50			\$43.18		175.7%
		Avg	\$20.21					
Illinois	SBC	A	\$2.59	\$2.18	n/a	\$4.77	\$21.92	21.8%
		B	\$7.07			\$9.25		42.2%
		C	\$11.40			\$13.58		62.0%
		Avg	\$9.81					
Indiana	SBC	3	\$8.03	\$2.98	n/a	\$11.01	\$20.47	53.8%
		2	\$8.15			\$11.13		54.4%
		1	\$8.99			\$11.97		58.5%
		Avg	\$8.20					
Iowa	QW	1	\$12.69	\$1.15	\$1.56	\$15.40	\$18.04	85.4%
		2	\$15.14			\$17.85		104.6%
		3	\$26.39			\$29.10		180.7%
		Avg	\$15.94					

Updated July 2003

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	\$19.71	75.0%
		2	\$13.64		\$1.69	\$16.94		85.9%
		1	\$23.34		\$2.53	\$27.48		139.4%
		Avg	\$14.04		\$1.84			
Kentucky	BS	1	\$9.64	\$1.15	\$1.20	\$11.99	\$28.84	41.6%
		2	\$14.37			\$16.72		58.0%
		3	\$30.59			\$32.94		114.2%
		Avg	\$17.26					
Louisiana	BS	1	\$11.77	\$1.36	\$1.87	\$15.00	\$23.80	63.0%
		2	\$22.39			\$25.62		107.6%
		3	\$48.26			\$51.49		216.3%
		Avg	\$16.24					
Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$26.55	53.0%
		2	\$13.47			\$16.09		60.6%
		3	\$18.75			\$21.37		80.5%
		Avg	\$16.19					
Maryland	VZ	A1	\$9.51	\$1.32	\$1.17	\$12.00	\$27.36	43.9%
		A2	\$9.55			\$12.04		44.0%
		B1	\$20.57			\$23.06		84.3%
		B2	\$13.56			\$16.05		58.7%
		Avg	\$11.26					
Massachusetts	VZ	1	\$10.81	\$2.22	\$0.77	\$13.80	\$26.17	52.7%
		2	\$11.37			\$14.36		54.9%
		3	\$15.41			\$18.40		70.3%
		4	\$24.32			\$27.31		104.4%
		Avg	\$13.93					
Michigan	SBC	A	\$8.47	\$2.53	\$1.19	\$12.19	\$27.67	44.1%
		B	\$8.73			\$12.45		45.0%
		C	\$12.54			\$16.26		58.8%
		Avg	\$10.15					
Minnesota	QW	1	\$5.83	\$3.12 Port rate includes unlimited switching	n/a	\$8.95	\$22.82	39.2%
		2	\$8.95		\$12.07	52.9%		
		3	\$10.62		\$13.74	60.2%		
		4	\$15.66		\$18.78	82.3%		
		Avg	\$12.86					

Updated July 2003

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	\$10.98	\$1.23	\$1.03	\$13.24	\$28.78	46.0%
		2	\$15.91			\$18.17		63.1%
		3	\$25.04			\$27.30		94.9%
		4	\$43.68			\$45.94		159.6%
		Avg	\$22.37					
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$21.27	75.6%
		2	\$18.64	\$1.97	\$1.95	\$22.56		106.1%
		3	\$19.74	\$2.47	\$2.81	\$25.02		117.6%
		4	\$16.41	\$2.25	\$2.39	\$21.05		99.0%
		Avg	\$15.19	\$1.89	\$2.19			
Montana	QW	1	\$23.10	\$1.58	\$1.57	\$26.25	\$25.95	101.2%
		2	\$23.90			\$27.05		104.2%
		3	\$27.13			\$30.28		116.7%
		4	\$29.29			\$32.44		125.0%
		Avg	\$23.72					
Nebraska	QW	1	\$12.14	\$2.47	\$1.26	\$15.87	\$26.62	59.6%
		2	\$28.11			\$31.84		119.6%
		3	\$62.50			\$66.23		248.8%
		Avg	\$14.04					
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$16.68	89.9%
		2	\$22.66			\$25.90		155.3%
		3	\$66.31			\$69.55		417.0%
		Avg	\$19.83					
New Hampshire	VZ	1	\$11.97	\$0.71	\$2.44	\$15.12	\$22.81	66.3%
		2	\$16.04			\$19.19		89.1%
		3	\$25.00			\$28.15		146.5%
		Avg	\$16.21					
New Jersey	VZ	1	\$8.12	\$1.91	\$1.18	\$11.21	\$16.72	67.0%
		2	\$9.59			\$12.68		75.8%
		3	\$10.92			\$14.01		83.8%
		Avg	\$9.52					

Updated July 2003

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	\$16.04	\$1.38	\$1.11	\$18.53	\$21.65	85.6%			
		2	\$18.34					\$20.83	96.2%		
		3	\$23.70					\$26.19	121.0%		
		Avg	\$18.52								
New York	VZ	1	\$7.70	\$2.57	\$1.13	\$11.40	\$30.06	37.9%			
		2	\$11.31					\$15.01	49.9%		
		3	\$15.51					\$19.21	63.9%		
		Avg	\$11.49								
North Carolina	BS	1	\$10.75	\$2.28	\$1.70	\$14.73	\$21.02	70.1%			
		2	\$19.05					\$23.03	109.6%		
		3	\$30.33					\$34.31	163.2%		
		Avg	\$14.18								
North Dakota	QW	1	\$13.53	\$1.27	\$1.48	\$16.28	\$24.81	65.6%			
		2	\$22.80					\$25.55	103.0%		
		3	\$51.65					\$54.40	219.3%		
		Avg	\$16.28								
Ohio	SBC	B	\$5.93	\$4.63	\$3.23	\$13.79	\$20.85	66.1%			
		C	\$7.97					\$15.83	75.9%		
		D	\$9.52					\$17.38	83.4%		
		Avg	\$7.01								
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.04	\$16.36	\$19.53	83.8%			
		2	\$13.65					\$2.21	\$17.74	90.8%	
		1	\$26.25					\$2.58	\$2.85	\$31.68	162.2%
		Avg	\$14.84					\$2.25	\$2.26		
Oregon	QW	1	\$13.95	\$1.14	\$1.33	\$16.42	\$24.31	67.5%			
		2	\$25.20					\$27.67	113.8%		
		3	\$56.21					\$58.68	241.4%		
		Avg	\$15.00								
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$21.78	67.2%			
		2	\$11.00					\$15.38	70.6%		
		3	\$14.00					\$18.38	84.4%		
		4	\$16.75					\$21.13	97.0%		
		Avg	\$13.81								

Updated July 2003

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	\$27.17	52.7%
		2	\$15.44			\$18.58		68.4%
		3	\$19.13			\$22.27		82.0%
		Avg	\$13.93					
South Carolina	BS	1	\$13.76	\$1.13	\$1.05	\$15.94	\$22.55	70.7%
		2	\$20.38			\$22.56	\$21.65	104.2%
		3	\$26.04			\$28.22	\$20.30	139.0%
		Avg	\$16.51					
South Dakota	QW	1	\$15.20	\$1.84	\$0.70	\$17.74	\$25.37	69.9%
		2	\$16.56			\$19.10		75.3%
		3	\$21.77			\$24.31		95.8%
		Avg	\$18.84					
Tennessee	BS	1	\$11.11	\$1.70	\$0.80	\$13.61	\$23.60	57.7%
		2	\$16.65			\$19.15		81.1%
		3	\$27.80			\$30.30		128.4%
		Avg	\$14.12					
Texas	SBC	3	\$12.14	\$1.58	\$1.42	\$15.14	\$20.70	73.1%
		2	\$13.65	\$2.47	\$1.20	\$17.54		84.7%
		1	\$18.98	\$4.21	\$2.12	\$24.61		118.9%
		Avg	\$14.15	\$2.90	\$1.58			
Utah	QW	1	\$11.41	\$0.89	\$1.43	\$13.73	\$21.21	64.7%
		2	\$13.83	\$0.90	\$1.65	\$16.38		77.2%
		3	\$19.11	\$1.02	\$1.80	\$21.93		103.4%
		Avg	\$13.03	\$0.92	\$1.63			
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$32.10	39.7%
		2	\$8.35			\$13.38		41.7%
		3	\$21.63			\$26.66		83.1%
		Avg	\$14.41					
Virginia	VZ	1	\$10.74	\$1.30	\$1.99	\$14.03	\$31.30	44.8%
		2	\$16.45			\$19.74		63.1%
		3	\$29.40			\$32.69		104.4%
		Avg	\$13.60					

Updated July 2003

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	\$6.05	\$1.34	\$1.18	\$8.57	\$20.56	41.7%
		2	\$10.99			\$13.51		65.7%
		3	\$12.40			\$14.92		72.6%
		4	\$13.95			\$16.47		80.1%
		5	\$18.70			\$21.22		103.2%
		Avg	\$14.20					
West Virginia	VZ	1	\$14.49	\$1.60	\$2.55	\$18.64	\$29.13	64.0%
		2	\$22.04			\$26.19		89.9%
		3	\$35.00			\$39.15		134.4%
		4	\$43.44			\$47.59		163.4%
		Avg	\$20.41					
Wisconsin	SBC	A	\$9.51	\$2.83	n/a	\$12.34	\$35.27	35.0%
		B	\$10.87	Port rate includes unlimited switching		\$13.70		38.8%
		C	\$15.25		\$18.08	51.3%		
		Avg.	\$10.18					
Wyoming	QW	BRA	\$19.91	\$2.64	\$0.92	\$23.47	\$30.22	77.7%
		1	\$26.94			\$30.50		100.9%
		2	\$30.13			\$33.69		111.5%
		3	\$40.98			\$44.54		147.4%
		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 2003, 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 the Average Residential Rate column.

UNE RATE/BUSINESS RATE COMPARISON MATRIX

All Rates for RBOC in each State Unless Otherwise Noted

Updated July 2003

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	\$11.55	\$1.15	\$1.70	\$14.40	\$49.56	29.1%	
		2	\$20.04			\$22.89		46.2%	
		3	\$33.65			\$36.50		73.6%	
		Avg	\$16.66						
Alaska	ATU	1	\$14.92	\$4.27	\$6.60	\$25.79	\$35.37	72.9%	
Arizona	QW	1	\$9.05	\$1.61	\$0.97	\$11.63	\$44.87	25.9%	
		2	\$14.84			\$17.42		38.8%	
		3	\$36.44			\$39.02		87.0%	
		Avg	\$12.12						
Arkansas	SBC	3	\$11.86	\$1.61	\$1.31	\$14.78	\$44.83	33.0%	
		2	\$13.64		\$1.69			\$16.94	37.8%
		1	\$23.34		\$2.53			\$27.48	61.3%
		Avg	\$13.09		\$1.84				
California	SBC	1	\$8.24	\$0.83	\$0.74	\$9.81	\$16.41	59.8%	
		2	\$11.19			\$12.76		77.8%	
		3	\$19.69			\$21.26		129.6%	
		Avg	\$9.82						
Colorado	QW	1	\$5.91	\$1.15	\$1.61	\$8.67	\$48.04	18.0%	
		2	\$12.31			\$15.07		31.4%	
		3	\$32.74			\$35.50		73.9%	
		Avg	\$15.85						
Connecticut	SBC	1A	\$8.95	\$3.31	\$3.58*	\$19.41	\$44.01	44.1%	
		B	\$12.03			\$22.49		51.1%	
		C	\$13.28			\$23.74		53.9%	
		D	\$19.69			\$30.15		68.5%	
		Avg	\$12.49						
D.C.	VZ	1	\$4.29	\$0.76	\$0.36	\$5.41	\$21.09	25.7%	

* Assumes MOU 75% On-Net, 25% Off-Net

Updated July 2003

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	\$1.92	\$14.22	\$33.14	42.9%
		2	\$13.13			\$17.28		52.1%
		3	\$16.67			\$20.82		62.4%
		Avg	\$12.05					
Florida	BS	1	\$9.77	\$1.17	\$0.77	\$11.71	\$44.61	26.2%
		2	\$13.88			\$15.82		35.5%
		3	\$24.63			\$26.57		59.6%
		Avg	\$13.95					
Georgia	BS	1	\$9.32	\$0.90	\$0.62	\$10.84	\$63.64	17.0%
		2	\$14.45			\$15.97		25.1%
		3	\$30.14			\$31.66		49.7%
		Avg	\$12.30					
Hawaii	VZ	Oahu	\$10.44	\$2.69	\$7.61	\$20.74	\$53.68	38.6%
		Maui	\$17.23			\$27.53		51.3%
		Hawaii	\$21.91			\$32.21		60.0%
Idaho	QW	1	\$15.65	\$1.34	\$1.34	\$18.33	\$39.59	46.3%
		2	\$23.76			\$26.44		66.8%
		3	\$40.50			\$43.18		109.1%
		Avg	\$20.21					
Illinois	SBC	A	\$2.59	\$2.18	n/a	\$4.77	\$13.41	35.6%
		B	\$7.07			\$9.25		69.0%
		C	\$11.40			\$13.58		101.3%
		Avg	\$9.81					
Indiana	SBC	3	\$8.03	\$2.98	n/a	\$11.01	\$53.34	20.6%
		2	\$8.15			\$11.13		20.9%
		1	\$8.99			\$11.97		22.4%
		Avg	\$8.20					
Iowa	QW	1	\$12.69	\$1.15	\$1.56	\$15.40	\$36.57	42.1%
		2	\$15.14			\$17.85		51.5%
		3	\$26.39			\$29.10		89.0%
		Avg	\$15.94					

Updated July 2003

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	\$32.01	46.2%
		2	\$13.64		\$1.69	\$16.94		52.9%
		1	\$23.34		\$2.53	\$27.48		85.8%
		Avg	\$14.04		\$1.84			
Kentucky	BS	1	\$9.64	\$1.15	\$1.20	\$11.99	\$45.59	26.3%
		2	\$14.37			\$16.72		36.7%
		3	\$30.59			\$32.94		72.3%
		Avg	\$17.26					
Louisiana	BS	1	\$11.77	\$1.36	\$1.87	\$15.00	\$46.52	32.2%
		2	\$22.39			\$25.62		55.1%
		3	\$48.26			\$51.49		110.7%
		Avg	\$16.24					
Maine	VZ	1	\$11.44	\$0.94	\$1.68	\$14.06	\$48.62	28.9%
		2	\$13.47			\$16.09		33.1%
		3	\$18.75			\$21.37		44.0%
		Avg	\$16.19					
Maryland	VZ	A1	\$9.51	\$1.32	\$1.17	\$12.00	\$23.93	50.1%
		A2	\$9.55			\$12.04		50.3%
		B1	\$20.57			\$23.06		96.4%
		B2	\$13.56			\$16.05		67.1%
		Avg	\$11.26					
Massachusetts	VZ	1	\$10.81	\$2.22	\$0.77	\$13.80	\$22.79	60.6%
		2	\$11.37			\$14.36		63.0%
		3	\$15.41			\$18.40		80.7%
		4	\$24.32			\$27.31		119.8%
		Avg	\$13.93					
Michigan	SBC	A	\$8.47	\$2.53	\$1.19	\$12.19	\$24.38	50.0%
		B	\$8.73			\$12.45		51.1%
		C	\$12.54			\$16.26		66.7%
		Avg	\$10.15					
Minnesota	QW	1	\$5.83	\$3.12	n/a	\$8.95	\$54.27	16.5%
		2	\$8.95			\$12.07		22.2%
		3	\$10.62			\$13.74		25.3%
		4	\$15.66			\$18.78		34.6%
		Avg	\$12.86					

Updated July 2003

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	\$10.98	\$1.23	\$1.03	\$13.24	\$50.82	26.1%	
		2	\$15.91			\$18.17		35.8%	
		3	\$25.04			\$27.30		53.7%	
		4	\$43.68			\$45.94		90.4%	
		Avg	\$22.37						
Missouri	SBC	1	\$12.71	\$1.74	\$1.62	\$16.07	\$50.41	31.9%	
		2	\$18.64			\$22.56		44.8%	
		3	\$19.74			\$25.02		49.6%	
		4	\$16.41			\$21.05		41.8%	
		Avg	\$15.19			\$1.89		\$2.19	
Montana	QW	1	\$23.10	\$1.58	\$1.57	\$26.25	\$44.35	59.2%	
		2	\$23.90			\$27.05		61.0%	
		3	\$27.13			\$30.28		68.3%	
		4	\$29.29			\$32.44		73.1%	
		Avg	\$23.72						
Nebraska	QW	1	\$12.14	\$2.47	\$1.26	\$15.87	\$38.03	41.7%	
		2	\$28.11			\$31.84		83.7%	
		3	\$62.50			\$66.23		174.2%	
		Avg	\$14.04						
Nevada	SBC	1	\$11.75	\$1.63	\$1.61	\$14.99	\$27.73	54.1%	
		2	\$22.66			\$25.90		93.4%	
		3	\$66.31			\$69.55		250.8%	
		Avg	\$19.83						
New Hampshire	VZ	1	\$11.97	\$0.71	\$2.44	\$15.12	\$51.75	29.2%	
		2	\$16.04			\$19.19		40.9%	
		3	\$25.00			\$28.15		73.4%	
		Avg	\$16.21						
New Jersey	VZ	1	\$8.12	\$1.91	\$1.18	\$11.21	\$22.78	49.2%	
		2	\$9.59			\$12.68		55.7%	
		3	\$10.92			\$14.01		61.5%	
		Avg	\$9.52						
New Mexico	QW	1	\$16.04	\$1.38	\$1.11	\$18.53	\$45.94	40.3%	
		2	\$18.34			\$20.83		45.3%	
		3	\$23.70			\$26.19		57.0%	
		Avg	\$18.52						

Updated July 2003

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	\$30.20	37.7%		
		2	\$11.31			\$15.01		49.7%		
		3	\$15.51			\$19.21		63.6%		
		Avg	\$11.49							
North Carolina	BS	1	\$10.75	\$2.28	\$1.70	\$14.73	\$43.00	34.3%		
		2	\$19.05			\$23.03		53.6%		
		3	\$30.33			\$34.31		79.8%		
		Avg	\$14.18							
North Dakota	QW	1	\$13.53	\$1.27	\$1.48	\$16.28	\$35.66	45.7%		
		2	\$22.80			\$25.55		71.6%		
		3	\$51.65			\$54.40		152.6%		
		Avg	\$16.28							
Ohio	SBC	B	\$5.93	\$4.63	\$3.23	\$13.79	\$31.30	44.1%		
		C	\$7.97			\$15.83		50.6%		
		D	\$9.52			\$17.38		55.5%		
		Avg	\$7.01							
Oklahoma	SBC	3	\$12.14	\$2.18	\$2.04	\$16.36	\$45.62	35.9%		
		2	\$13.65			\$17.74		38.9%		
		1	\$26.25			\$25.8		\$2.85	\$31.68	69.4%
		Avg	\$14.84			\$2.25		\$2.26		
Oregon	QW	1	\$13.95	\$1.14	\$1.33	\$16.42	\$40.52	40.5%		
		2	\$25.20			\$27.67		68.3%		
		3	\$56.21			\$58.68		144.8%		
		Avg	\$15.00							
Pennsylvania	VZ	1	\$10.25	\$2.67	\$1.71	\$14.63	\$19.83	73.8%		
		2	\$11.00			\$15.38		77.6%		
		3	\$14.00			\$18.38		92.7%		
		4	\$16.75			\$21.13		106.6%		
		Avg	\$13.81							
Rhode Island	VZ	1	\$11.19	\$1.86	\$1.28	\$14.33	\$29.22	49.0%		
		2	\$15.44			\$18.58		63.6%		
		3	\$19.13			\$22.27		76.2%		
		Avg	\$13.93							

Updated July 2003

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	\$13.76	\$1.13	\$1.05	\$15.94	\$49.90	31.9%	
		2	\$20.38			\$22.56	\$46.50	48.5%	
		3	\$26.04			\$28.22	\$41.40	68.2%	
		Avg	\$16.51						
South Dakota	QW	1	\$15.20	\$1.84	\$0.70	\$17.74	\$45.52	39.0%	
		2	\$16.56			\$19.10		42.0%	
		3	\$21.77			\$24.31		53.4%	
		Avg	\$18.84						
Tennessee	BS	1	\$11.11	\$1.70	\$0.80	\$13.61	\$59.22	23.0%	
		2	\$16.65			\$19.15		32.3%	
		3	\$27.80			\$30.30		51.2%	
		Avg	\$14.12						
Texas	SBC	3	\$12.14	\$1.58	\$1.42	\$15.14	\$43.54	34.8%	
		2	\$13.65			\$2.47		\$17.54	40.3%
		1	\$18.98			\$4.21		\$24.61	56.5%
		Avg	\$14.15			\$2.90		\$1.58	
Utah	QW	1	\$11.41	\$0.89	\$1.43	\$13.73	\$32.37	42.4%	
		2	\$13.83			\$0.90		\$16.38	50.6%
		3	\$19.11			\$1.02		\$21.93	67.7%
		Avg	\$13.03			\$0.92		\$1.63	
Vermont	VZ	1	\$7.72	\$1.03	\$4.00	\$12.75	\$48.39	26.3%	
		2	\$8.35			\$13.38		27.7%	
		3	\$21.63			\$26.66		55.1%	
		Avg	\$14.41						
Virginia	VZ	1	\$10.74	\$1.30	\$1.99	\$14.03	\$78.75	17.8%	
		2	\$16.45			\$19.74		25.1%	
		3	\$29.40			\$32.69		41.5%	
		Avg	\$13.60						
Washington	QW	1	\$6.05	\$1.34	\$1.18	\$8.57	\$40.84	21.0%	
		2	\$10.99			\$13.51		33.1%	
		3	\$12.40			\$14.92		36.5%	
		4	\$13.95			\$16.47		40.3%	
		5	\$18.70			\$21.22		52.0%	
		Avg	\$14.20						

Updated July 2003

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	\$14.49	\$1.60	\$2.55	\$18.64	\$60.44	30.8%
		2	\$22.04			\$26.19		43.3%
		3	\$35.00			\$39.15		64.8%
		4	\$43.44			\$47.59		78.7%
		Avg	\$20.41					
Wisconsin	SBC	A	\$9.51	\$2.83 Port rate includes unlimited switching	n/a	\$12.34	\$23.28	53.0%
		B	\$10.87			\$13.70		58.8%
		C	\$15.25			\$18.08		77.7%
		Avg.	\$10.18					
Wyoming	QW	BRA	\$19.91	\$2.64	\$0.92	\$23.47	\$30.22	77.7%
		1	\$26.94			\$30.50		100.9%
		2	\$30.13			\$33.69		111.5%
		3	\$40.98			\$44.54		147.4%
		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 2003, 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 the Average Business Rate column.