

Part 8

Trends and Monitoring Tables

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.1-TELEPHONE PENETRATION IN THE UNITED STATES

	HOUSEHOLDS (MILLIONS)	HOUSEHOLDS WITH TELEPHONES (MILLIONS)	PERCENTAGE WITH TELEPHONES	HOUSEHOLDS WITHOUT TELEPHONES (MILLIONS)	PERCENTAGE WITHOUT TELEPHONES
1983 NOVEMBER	85.8	78.4	91.4 %	7.4	8.6 %
1984 MARCH	86.0	78.9	91.8	7.1	8.2
JULY	86.6	79.3	91.6	7.3	8.4
NOVEMBER	87.4	79.9	91.4	7.5	8.6
1985 MARCH	87.4	80.2	91.8	7.2	8.2
JULY	88.2	81.0	91.8	7.2	8.2
NOVEMBER	88.8	81.6	91.9	7.2	8.1
1986 MARCH	89.0	82.1	92.2	6.9	7.8
JULY	89.5	82.5	92.2	7.0	7.8
NOVEMBER	89.9	83.1	92.4	6.8	7.6
1987 MARCH	90.2	83.4	92.5	6.8	7.5
JULY	90.7	83.7	92.3	7.0	7.7
NOVEMBER	91.3	84.3	92.3	7.0	7.7
1988 MARCH	91.8	85.3	92.9	6.5	7.1
JULY	92.4	85.7	92.8	6.7	7.2
NOVEMBER	92.6	85.7	92.5	6.9	7.5
1989 MARCH	93.6	87.0	93.0	6.6	7.0
JULY	93.8	87.5	93.3	6.3	6.7
NOVEMBER	93.9	87.3	93.0	6.6	7.0
1990 MARCH	94.2	87.9	93.3	6.3	6.7
JULY	94.8	88.4	93.3	6.4	6.7
NOVEMBER	94.7	88.4	93.3	6.3	6.7
1991 MARCH	95.3	89.2	93.6	6.1	6.4
JULY	95.5	89.1	93.3	6.4	6.7
NOVEMBER	95.7	89.4	93.4	6.3	6.6
1992 MARCH	96.6	90.7	93.9	5.9	6.1
JULY	96.6	90.6	93.8	6.0	6.2
NOVEMBER	97.0	91.0	93.8	6.0	6.2
1993 MARCH	97.3	91.6	94.2	5.7	5.8
JULY	97.9	92.2	94.2	5.7	5.8
NOVEMBER	98.8	93.0	94.2	5.8	5.8
1994 MARCH	98.1	92.1	93.9	6.0	6.1
JULY	98.6	92.4	93.7	6.2	6.3
NOVEMBER	99.8	93.7	93.8	6.2	6.2
1995 MARCH	99.9	93.8	93.9	6.1	6.1
JULY	100.0	94.0	94.0	6.0	6.0
NOVEMBER	100.4	94.2	93.9	6.2	6.1
1996 MARCH	100.6	94.4	93.8	6.2	6.2
JULY	101.2	95.0	93.9	6.1	6.1
NOVEMBER	101.3	95.1	93.9	6.2	6.1
1997 MARCH	102.0	95.8	93.9	6.2	6.1
JULY	102.3	96.1	93.9	6.2	6.1

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.2-LONG TERM TRENDS IN PRICE INDEXES
(ANNUAL RATE OF CHANGE)

PRICE INDEX	1935 TO 1996	1982 TO 1996
CPI - ALL GOODS AND SERVICES	4.1 %	3.7 %
CPI - ALL SERVICES	4.5	4.2
CPI - TELEPHONE SERVICES	2.0	0.7
CPI - MAJOR CATEGORIES:		
FOOD & BEVERAGES	*	3.5
HOUSING	*	3.3
APPAREL & UPKEEP	3.1	2.2
TRANSPORTATION	3.9	3.4
MEDICAL CARE	5.2	6.5
ENTERTAINMENT	*	3.6
OTHER GOODS & SERVICES	*	5.9
CPI - PUBLIC TRANSPORTATION	5.0	4.5
CPI - PIPED GAS	3.5	0.7
CPI - ELECTRICITY	2.4	1.8
CPI - SEWER & WATER MAINTENANCE	*	5.5
CPI - POSTAGE	4.2	3.8

NOTE -- THE BUREAU OF LABOR STATISTICS COLLECTS A VARIETY OF INFORMATION ON TELEPHONE SERVICE AS PART OF THREE SEPARATE PROGRAMS: THE CONSUMER PRICE INDEX (CPI), THE PRODUCER PRICE INDEX (PPI), AND THE CONSUMER EXPENDITURE SURVEY.

* SERIES NOT ESTABLISHED UNTIL AFTER 1935.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.3-ANNUAL RATE OF CHANGE IN MAJOR PRICE INDEXES

YEAR	GDP CHAIN-TYPE PRICE INDEX	CONSUMER PRICE INDEX (CPI)					PRODUCER PRICE INDEX (PPI)		
		ALL ITEMS	ALL TELEPHONE SERVICES	LOCAL SERVICES	INTERSTATE TOLL SERVICE	INTRASTATE TOLL SERVICE	LOCAL RESIDENTIAL SERVICES	LOCAL BUSINESS SERVICES	PUBLIC SWITCHED TOLL SERVICE
1978	7.3 %	9.0 %	0.9 %	1.4 %	-0.8 %	1.3 %	3.1 %	4.4 %	-0.3 %
1979	8.5	13.3	0.7	1.7	-0.7	0.1	1.6	2.2	-0.5
1980	9.3	12.5	4.6	7.0	3.4	-0.6	7.1	5.8	4.1
1981	9.4	8.9	11.7	12.6	14.6	6.2	15.6	15.7	10.8
1982	6.3	3.8	7.2	10.8	2.6	4.2	9.0	5.8	3.8
1983	4.3	3.8	3.6	3.1	1.5	7.4	0.2	2.2	1.6
1984	3.8	3.9	9.2	17.2	-4.3	3.6	10.4	24.1	-1.6
1985	3.4	3.8	4.7	8.9	-3.7	0.6	12.4	5.6	-0.8
1986	2.6	1.1	2.7	7.1	-9.4	0.3	8.9	2.5	-7.0
1987	3.1	4.4	-1.3	3.3	-12.4	-3.0	2.6	-0.8	-7.9
1988	3.7	4.4	1.3	4.5	-4.2	-4.2	4.6	0.5	-2.3
1989	4.2	4.6	-0.3	0.6	-1.3	-2.6	1.9	0.6	-0.1
1990	4.4	6.1	-0.4	1.0	-3.7	-2.2	1.5	0.0	-1.8
1991	3.9	3.1	3.5	5.1	1.3	-1.5	-2.1	0.0	-1.8
1992	2.8	2.9	-0.3	0.5	-1.3	-2.4	-0.2	-0.2	-2.4
1993	2.6	2.7	1.8	1.0	6.5	0.2	0.8	2.3	0.8
1994	2.4	2.7	0.7	-0.3	5.4	-1.0	0.7	-0.2	2.3
1995	2.5	2.8	0.7	2.2	-0.4	-4.7	N.A.	N.A.	N.A.
1996	2.1	3.0	1.5	0.2	4.0	4.0	0.2	0.3	-0.3
1997*	2.2	2.2	0.3	1.2	-4.8	3.8	0.1	0.0	-0.3

NOTE -- THE GROSS NATIONAL PRODUCT (GNP) FIXED WEIGHT CHAIN INDEX REFLECTS INFLATION THROUGHOUT THE ECONOMY, AND THE CPI FOR ALL ITEMS MEASURES THE IMPACT OF INFLATION ON CONSUMERS. THE CPI INDEX OF ALL TELEPHONE SERVICES IS BASED ON A "MARKET BASKET" INTENDED TO REPRESENT THE TELEPHONE RELATED EXPENDITURES OF A TYPICAL URBAN HOUSEHOLD. IT INCLUDES BOTH LOCAL AND LONG DISTANCE SERVICES. THE CPI INDEX OF LOCAL TELEPHONE CHARGES IS BASED ON MONTHLY SERVICE CHARGES, MESSAGE UNIT CHARGES, LEASED EQUIPMENT, INSTALLATION, ENHANCED SERVICES (SUCH AS TONE DIALING AND CALL WAITING), TAXES, SUBSCRIBER LINE CHARGES, AND ALL OTHER CONSUMER EXPENDITURES ASSOCIATED WITH TELEPHONE SERVICES EXCEPT LONG DISTANCE CHARGES. IN CONTRAST, THE PPI INDEX OF LOCAL RESIDENTIAL SERVICES IS BASED ONLY ON SERVICE CHARGES FOR RESIDENTIAL SERVICE, OPTIONAL TOUCH-TONE SERVICE, AND SUBSCRIBER LINE CHARGES. THE PPI TELEPHONE INDEXES WERE REVISED IN JULY 1995. INDEX VALUES AFTER JULY 1995 ARE NOT COMPARABLE TO INDEX VALUES PUBLISHED FROM 1972 THROUGH JULY 1995.

* THE 1997 CPI CHANGES ARE MEASURED SEPTEMBER THROUGH SEPTEMBER. THE 1997 GDP PRICE INDEX CHANGES ARE MEASURED SECOND QUARTER THROUGH SECOND QUARTER.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.4-AVERAGE MONTHLY RESIDENTIAL RATES
(IN OCTOBER OF EACH YEAR)**

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
RESIDENTIAL RATES*													
UNLIMITED LOCAL CALLING	\$12.10	\$12.17	\$12.58	\$12.44	\$12.32	\$12.30	\$12.39	\$13.10	\$13.12	\$13.22	\$13.28	\$13.62	\$13.70
SUBSCRIBER LINE CHARGES	0.00	1.01	2.04	2.66	2.67	3.53	3.55	3.56	3.55	3.55	3.55	3.54	3.54
TAXES AND 911 CHARGES	1.25	1.36	1.51	1.56	1.58	1.70	1.85	2.00	2.03	2.17	2.24	2.34	2.34
TOTAL	\$13.35	\$14.54	\$16.13	\$16.66	\$16.57	\$17.53	\$17.79	\$18.66	\$18.70	\$18.94	\$19.07	\$19.49	\$19.58
LOWEST GENERALLY AVAILABLE RATE													
SUBSCRIBER LINE CHARGES	\$5.62	\$5.75	\$5.96	\$5.81	\$5.67	\$5.67	\$5.68	\$6.18	\$6.22	\$6.43	\$6.47	\$6.68	\$7.06
TAXES AND 911 CHARGES	0.00	1.01	2.04	2.66	2.67	3.53	3.55	3.56	3.55	3.55	3.55	3.54	3.54
	0.58	0.70	0.84	0.94	0.91	1.03	1.15	1.28	1.31	1.45	1.50	1.56	1.62
TOTAL	\$6.20	\$7.46	\$8.84	\$9.41	\$9.25	\$10.23	\$10.38	\$11.02	\$11.08	\$11.43	\$11.52	\$11.79	\$12.22
MINIMUM CONNECTION CHARGE**													
TAXES	\$43.71	\$44.32	\$45.63	\$44.04	\$42.94	\$42.71	\$43.06	\$42.00	\$41.52	\$41.38	\$41.26	\$40.91	\$41.08
	2.19	2.22	2.28	2.20	2.11	2.24	2.32	2.19	2.18	2.21	2.27	2.42	2.35
TOTAL	\$45.90	\$46.54	\$47.91	\$46.24	\$45.05	\$44.95	\$45.38	\$44.19	\$43.70	\$43.59	\$43.53	\$43.33	\$43.42

NOTE -- AVERAGE MONTHLY LOCAL RATES ARE BASED ON SURVEYS BY FCC STAFF USING THE SAME SAMPLING AREAS AND WEIGHTS USED BY THE BUREAU OF LABOR STATISTICS IN CONSTRUCTING THE CONSUMER PRICE INDEX.

*THE RESIDENTIAL RATES DO NOT INCLUDE ADDITIONAL CHARGES FOR TOUCH-TONE SERVICE, IF APPLICABLE.

** CONNECTION CHARGES DO NOT INCLUDE DROP LINE AND BLOCK CHARGES. RESIDENTIAL CONNECTION CHARGES DO NOT INCLUDE ADDITIONAL CHARGES FOR TOUCH-TONE SERVICE, IF APPLICABLE.

**TABLE 8.5-AVERAGE MONTHLY SINGLE-LINE BUSINESS RATES
(IN OCTOBER OF EACH YEAR)**

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
REPRESENTATIVE RATE *													
TOUCH-TONE SERVICE	\$32.74	\$33.42	\$34.26	\$33.71	\$31.03	\$31.06	\$30.97	\$32.29	\$32.45	\$32.70	\$32.25	\$32.46	\$32.54
	*	*	*	*	2.45	2.43	2.35	1.84	1.71	1.67	1.21	0.97	0.89
SUBSCRIBER LINE CHARGES	0.00	1.01	2.04	2.68	2.69	3.55	3.57	3.57	3.56	3.57	3.57	3.57	3.56
TAXES AND 911 CHARGES	\$3.77	\$3.96	\$4.17	\$4.18	\$3.95	\$4.21	\$4.32	\$4.42	\$4.57	\$4.63	\$4.61	\$4.77	\$4.84
TOTAL	\$36.51	\$38.39	\$40.47	\$40.57	\$40.12	\$41.25	\$41.21	\$42.12	\$42.29	\$42.57	\$41.64	\$41.77	\$41.83
AVERAGE CHARGE FOR 5 MINUTE SAME ZONE DAYTIME BUSINESS CALL	0.090	0.090	0.092	0.092	0.091	0.093	0.093	0.091	0.093	0.094	0.092	0.091	0.091
MINIMUM CONNECTION CHARGE**													
TOUCH-TONE SERVICE	\$68.84	\$70.82	\$72.94	\$72.15	\$70.48	\$71.05	\$71.36	\$72.75	\$72.55	\$71.41	\$69.88	\$67.87	\$68.45
	*	*	*	*	2.03	1.70	1.89	1.13	1.19	1.17	0.92	0.27	0.17
TAXES	3.79	3.90	4.01	3.97	3.92	4.06	4.15	4.32	4.33	4.25	4.13	4.18	4.19
TOTAL	\$72.63	\$74.72	\$76.95	\$76.12	\$76.43	\$76.81	\$77.40	\$78.20	\$78.07	\$76.83	\$74.93	\$72.32	\$72.81
5 MINUTE PAYPHONE CALL	0.212	0.222	0.223	0.226	0.228	0.228	0.228	0.228	0.228	0.235	\$0.24	0.248	0.253

NOTE -- AVERAGE MONTHLY LOCAL RATES ARE BASED ON SURVEYS BY FCC STAFF USING THE SAME SAMPLING AREAS AND WEIGHTS USED BY THE BUREAU OF LABOR STATISTICS IN CONSTRUCTING THE CONSUMER PRICE INDEX.

* THE REPRESENTATIVE RATE IS THE MONTHLY SINGLE-LINE RATE FOR TOUCH-TONE SERVICE WITH UNLIMITED LOCAL CALLS (WHERE OFFERED) OR THE MEASURED SERVICE RATE PLUS ADDITIONAL CHARGES FOR THE FIRST 200 MESSAGES IN OTHER CITIES. THE REPRESENTATIVE BUSINESS RATE INCLUDES THE ADDITIONAL MONTHLY COST FOR TOUCH-TONE SERVICE FOR 1983 THROUGH 1987. THE ADDITIONAL CHARGE IS SHOWN SEPARATELY THEREAFTER.

**CONNECTION CHARGES DO NOT INCLUDE DROP LINE AND BLOCK CHARGES. BUSINESS CONNECTION CHARGES FOR 1983 THROUGH 1987 INCLUDE THE ADDITIONAL CONNECTION CHARGE FOR INSTALLING TOUCH-TONE SERVICE. THE CHARGE IS SHOWN SEPARATELY THEREAFTER.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.6-DIAL EQUIPMENT MINUTES
(MINUTES SHOWN IN BILLIONS)**

	LOCAL	INTRASTATE TOLL	INTERSTATE TOLL	TOTAL
1980	1,458	141	133	1,733
1981	1,492	151	144	1,787
1982	1,540	158	154	1,853
1983	1,587	166	169	1,923
1984	1,639	198	208	2,045
1985	1,673	222	250	2,145
1986	1,699	237	270	2,207
1987	1,713	253	295	2,261
1988	1,795	269	321	2,384
1989	1,829	286	344	2,459
1990	1,854	300	355	2,510
1991	1,868	304	368	2,540
1992	1,950	318	387	2,654
1993	2,052	323	402	2,776
1994	2,142	331	424	2,898
1995	2,228	344	451	3,023
INCREASE OVER PRIOR YEAR				
1981	2 %	7 %	8 %	3 %
1982	3	5	7	4
1983	3	5	10	4
1984	3	19	23	6
1985	2	12	20	5
1986	2	7	8	3
1987	1	7	9	2
1988	5	6	9	5
1989	2	6	7	3
1990	1	5	3	2
1991	1	1	4	1
1992	4	5	5	4
1993	5	2	4	5
1994	4	2	5	4
1995	5	5	7	5
PERCENT DISTRIBUTION				
1980	84 %	8 %	8 %	100 %
1981	83	8	8	100
1982	83	9	8	100
1983	83	9	9	100
1984	80	10	10	100
1985	78	10	12	100
1986	77	11	12	100
1987	76	11	13	100
1988	75	11	13	100
1989	74	12	14	100
1990	74	12	14	100
1991	74	12	14	100
1992	73	12	15	100
1993	74	12	14	100
1994	74	11	15	100
1995	74	11	15	100

NOTE -- DIAL EQUIPMENT MINUTES (DEMS) ARE MEASURED AS CALLS ENTER AND LEAVE TELEPHONE SWITCHES. THEREFORE, TWO DEMS ARE COUNTED FOR EVERY CONVERSATION MINUTE.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.7-EQUAL ACCESS CONVERSION: JUNE 1984 - DECEMBER 31, 1996
(ACCESS LINES IN THOUSANDS)**

	BELL COMPANIES		OTHER COMPANIES		TOTAL	
	LINES	% EQUAL ACCESS	LINES	% EQUAL ACCESS	LINES	% EQUAL ACCESS
1984 JUNE	84,321	0.0	26,278	0.0	110,599	0.0
DECEMBER	85,457	3.8	26,633	1.0	112,090	3.1
1985 JUNE	86,609	26.9	26,992	2.5	113,601	21.1
DECEMBER	87,777	50.9	27,355	3.4	115,132	39.6
1986 JUNE	88,960	61.9	27,724	13.6	116,684	50.4
DECEMBER	90,159	74.3	28,098	28.0	118,257	63.3
1987 JUNE	91,374	77.7	28,477	37.7	119,851	68.2
DECEMBER	92,606	84.7	28,860	47.8	121,467	75.9
1988 JUNE	93,520	87.4	29,145	51.6	122,665	78.9
DECEMBER	94,813	91.3	29,548	56.3	124,361	83.0
1989 JUNE	96,632	93.4	30,115	59.6	126,747	85.4
DECEMBER	98,214	94.1	30,268	60.8	128,482	86.2
1990 JUNE	99,815	95.0	30,962	63.8	130,777	87.6
DECEMBER	100,993	96.8	31,416	70.6	132,409	90.6
1991 JUNE	102,027	97.4	31,870	73.5	133,896	91.7
DECEMBER	103,102	98.4	32,185	77.5	135,287	93.4
1992 JUNE	104,060	98.9	32,643	80.7	136,704	94.5
DECEMBER	105,744	99.3	32,981	84.5	138,725	95.8
1993 JUNE	107,084	99.4	33,531	86.6	140,615	96.3
DECEMBER	108,847	99.6	33,963	89.1	142,809	97.1
1994 JUNE	110,583	99.8	34,646	90.6	145,229	97.6
DECEMBER	113,092	99.9	35,387	92.2	148,479	98.0
1995 JUNE	114,827	99.9	35,518	94.4	150,335	98.6
DECEMBER	116,344	99.9	36,258	95.7	152,602	98.9
1996 JUNE	119,119	100.0	36,883	96.8	156,002	99.2
DECEMBER	120,910	100.0	37,763	97.6	158,672	99.4

SOURCE: "DISTRIBUTION OF EQUAL ACCESS LINES AND PRESUBSCRIBED LINES," RELEASED NOVEMBER 1997, BY THE INDUSTRY ANALYSIS DIVISION.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.8-INTERSTATE SWITCHED ACCESS MINUTES
(MINUTES SHOWN IN BILLIONS)**

	TOTAL INDUSTRY		AT&T'S MINUTES		AT&T'S SHARE OF	
	ACCESS MINUTES	TERMINATING MINUTES	ACCESS MINUTES	TERMINATING MINUTES	ACCESS MINUTES	TERMINATING MINUTES
1984 THIRD QUARTER	37.5		31.6	18.1	84.2 %	
FOURTH QUARTER	39.6		31.8	18.2	80.2	
1985 FIRST QUARTER	39.6		32.8	19.0	83.0	
SECOND QUARTER	41.5		33.3	19.2	80.3	
THIRD QUARTER	42.8		33.8	19.4	78.9	
FOURTH QUARTER	43.3		33.4	19.2	77.1	
TOTAL 1985	167.1		133.3	77.0		
1986 FIRST QUARTER	43.0		34.2	19.9	79.5	
SECOND QUARTER	44.8		34.7	20.2	77.5	
THIRD QUARTER	46.7	26.7	35.8	20.7	76.6	77.7 %
FOURTH QUARTER	48.5	27.6	35.9	20.6	74.0	74.7
TOTAL 1986	183.1	54.3	140.6	81.5		
1987 FIRST QUARTER	51.2	28.9	37.4	21.4	72.9	74.2
SECOND QUARTER	52.5	29.7	38.6	22.1	73.7	74.2
THIRD QUARTER	55.0	30.9	39.2	22.3	71.2	72.1
FOURTH QUARTER	57.0	32.3	40.1	22.6	70.4	70.1
TOTAL 1987	215.7	121.8	155.3	88.4		
1988 FIRST QUARTER	59.0	33.4	41.2	23.3	69.8	69.9
SECOND QUARTER	59.6	33.6	41.1	23.0	69.0	68.5
THIRD QUARTER	62.1	34.9	42.3	23.6	68.2	67.6
FOURTH QUARTER	64.0	35.9	43.0	23.6	67.2	65.8
TOTAL 1988	244.6	137.8	167.6	93.6		
1989 FIRST QUARTER	66.2	37.3	44.2	24.5	66.8	65.7
SECOND QUARTER	68.5	38.1	44.4	24.5	64.8	64.4
THIRD QUARTER	69.7	38.6	44.9	24.7	64.4	64.1
FOURTH QUARTER	72.6	40.0	46.4	25.3	63.9	63.3
TOTAL 1989	277.1	153.9	179.9	99.0		
1990 FIRST QUARTER	74.7	41.2	47.1	25.8	63.0	62.5
SECOND QUARTER	75.8	41.9	47.1	25.7	62.1	61.5
THIRD QUARTER	77.9	43.4	48.7	26.4	62.5	60.9
FOURTH QUARTER	79.1	43.1	49.8	27.8	63.0	64.5
TOTAL 1990	307.4	169.6	192.6	105.8		
1991 FIRST QUARTER	79.2	43.4	49.9	27.1	63.0	62.4
SECOND QUARTER	81.9	44.9	50.5	26.8	61.7	59.6
THIRD QUARTER	82.6	45.1	51.2	27.1	61.9	60.1
FOURTH QUARTER	84.4	46.4	52.4	27.9	62.1	60.0
TOTAL 1991	328.0	179.8	204.0	108.8		

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.8-INTERSTATE SWITCHED ACCESS MINUTES--CONTINUED
(MINUTES SHOWN IN BILLIONS)**

	TOTAL INDUSTRY		AT&T'S MINUTES		AT&T'S SHARE OF	
	ACCESS MINUTES	TERMINATING MINUTES	ACCESS MINUTES	TERMINATING MINUTES	ACCESS MINUTES	TERMINATING MINUTES
1992 FIRST QUARTER	85.6	47.7	53.3	28.6	62.2	59.9
SECOND QUARTER	86.5	48.2	51.9	27.9	60.0	57.8
THIRD QUARTER	87.9	49.1	53.0	28.4	60.3	57.9
FOURTH QUARTER	89.8	50.4	53.5	28.8	59.7	57.1
TOTAL 1992	349.7	195.4	211.7	113.6		
1993 FIRST QUARTER	90.6	51.0	55.5	29.7	61.3	58.1
SECOND QUARTER	91.2	51.9	55.0	29.9	60.3	57.6
THIRD QUARTER	93.6	54.8	56.3	31.4	60.2	57.2
FOURTH QUARTER	95.9	56.4	56.8	31.9	59.3	56.6
TOTAL 1993	371.2	214.1	223.6	122.8		
1994 FIRST QUARTER	98.7	58.2	59.0	31.4	59.8	53.9
SECOND QUARTER	97.9	58.3	57.7	31.1	59.0	53.3
THIRD QUARTER	101.9	60.9	58.5	32.6	57.4	53.5
FOURTH QUARTER	102.9	62.0	59.5	33.3	57.9	53.6
TOTAL 1994	401.4	239.4	234.7	128.3		
1995 FIRST QUARTER	105.6	63.8	59.9	33.6	56.7	52.7
SECOND QUARTER	106.8	64.7	59.3	33.5	55.5	51.8
THIRD QUARTER	109.0	66.7	59.8	34.4	54.8	51.6
FOURTH QUARTER	110.6	67.5	60.8	34.6	55.0	51.2
TOTAL 1995	431.9	262.7	239.8	136.1		
1996 FIRST QUARTER	115.7	71.2	62.4	35.9	54.0	50.5
SECOND QUARTER	114.7	71.5	60.2	35.1	52.4	49.0
THIRD QUARTER	117.9	74.1	60.7	35.5	51.5	48.0
FOURTH QUARTER	120.5	76.2	61.7	35.6	51.2	46.7
TOTAL 1996	468.7	293.0	244.9	142.1		
1997 FIRST QUARTER	122.6	76.9	63.9	37.1	52.1	48.3
SECOND QUARTER	124.7	79.3	63.2	37.1	50.7	46.7

NOTE -- SWITCHED ACCESS MINUTES ARE THOSE MINUTES TRANSMITTED BY LONG DISTANCE CARRIERS THAT ALSO USE THE DISTRIBUTION NETWORKS OF LOCAL TELEPHONE COMPANIES. THE MEASURE INCLUDES MINUTES ASSOCIATED WITH ORDINARY LONG DISTANCE CALLS AND THE "OPEN END" OF WATS-LIKE CALLS. IT EXCLUDES CALLS MADE ON PRIVATE TELECOMMUNICATIONS SYSTEMS, ON LEASED LINES, AND MINUTES ON THE "CLOSED END" OF WATS-LIKE CALLS.

SOURCE: "LONG DISTANCE MARKET SHARES," RELEASED OCTOBER 10, 1997, BY THE INDUSTRY ANALYSIS DIVISION.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.9-INTERSTATE SWITCHED PREMIUM AND NON-PREMIUM ACCESS MINUTES
(MINUTES SHOWN IN BILLIONS)**

	PREMIUM MINUTES	NON-PREMIUM MINUTES	TOTAL MINUTES
1984 THIRD QUARTER	32.0	5.5	37.5
FOURTH QUARTER	33.6	6.0	39.6
1985 FIRST QUARTER	32.9	6.6	39.6
SECOND QUARTER	34.9	6.6	41.5
THIRD QUARTER	36.6	6.2	42.8
FOURTH QUARTER	38.0	5.3	43.3
TOTAL 1985	142.4	24.7	167.1
1986 FIRST QUARTER	38.8	4.3	43.0
SECOND QUARTER	41.0	3.8	44.8
THIRD QUARTER	43.2	3.5	46.7
FOURTH QUARTER	45.5	3.0	48.5
TOTAL 1986	168.5	14.6	183.1
1987 FIRST QUARTER	48.0	3.2	51.2
SECOND QUARTER	49.3	3.1	52.5
THIRD QUARTER	52.1	2.9	55.0
FOURTH QUARTER	54.4	2.6	57.0
TOTAL 1987	203.9	11.9	215.7
1988 FIRST QUARTER	56.6	2.4	59.0
SECOND QUARTER	57.3	2.3	59.6
THIRD QUARTER	59.8	2.3	62.1
FOURTH QUARTER	61.8	2.2	64.0
TOTAL 1988	235.4	9.2	244.6
1989 FIRST QUARTER	64.1	2.1	66.2
SECOND QUARTER	66.5	2.0	68.5
THIRD QUARTER	67.7	2.0	69.7
FOURTH QUARTER	70.7	1.9	72.6
TOTAL 1989	269.1	8.0	277.1
1990 FIRST QUARTER	72.9	1.9	74.7
SECOND QUARTER	74.0	1.8	75.8
THIRD QUARTER	76.1	1.8	77.9
FOURTH QUARTER	77.4	1.6	79.1
TOTAL 1990	300.4	7.1	307.4
1991 FIRST QUARTER	77.7	1.5	79.2
SECOND QUARTER	80.4	1.5	81.9
THIRD QUARTER	81.2	1.4	82.6
FOURTH QUARTER	83.0	1.4	84.4
TOTAL 1991	322.2	5.8	328.0

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.9-INTERSTATE SWITCHED PREMIUM AND NON-PREMIUM ACCESS MINUTES--CONTINUED
(MINUTES SHOWN IN BILLIONS)**

	PREMIUM MINUTES	NON-PREMIUM MINUTES	TOTAL MINUTES
1992 FIRST QUARTER	84.5	1.2	85.6
SECOND QUARTER	85.4	1.1	86.5
THIRD QUARTER	86.8	1.0	87.9
FOURTH QUARTER	88.8	1.0	89.8
TOTAL 1992	345.5	4.2	349.7
1993 FIRST QUARTER	89.8	0.9	90.6
SECOND QUARTER	90.4	0.8	91.2
THIRD QUARTER	92.9	0.7	93.6
FOURTH QUARTER	95.2	0.6	95.9
TOTAL 1993	368.3	3.0	371.2
1994 FIRST QUARTER	98.1	0.6	98.7
SECOND QUARTER	97.4	0.5	97.9
THIRD QUARTER	101.4	0.5	101.9
FOURTH QUARTER	102.4	0.5	102.9
TOTAL 1994	399.3	2.1	401.4
1995 FIRST QUARTER	105.1	0.4	105.6
SECOND QUARTER	106.4	0.4	106.8
THIRD QUARTER	108.6	0.4	109.0
FOURTH QUARTER	110.2	0.4	110.6
TOTAL 1995	430.3	1.6	431.9
1996 FIRST QUARTER	115.3	0.4	139.3
SECOND QUARTER	116.3	0.3	140.3
THIRD QUARTER	117.3	0.3	141.3
FOURTH QUARTER	118.3	0.3	142.3
TOTAL 1996	467.5	1.3	468.7
1997 FIRST QUARTER	122.4	0.2	122.6
SECOND QUARTER	124.6	0.2	124.7

NOTE -- SWITCHED ACCESS MINUTES ARE THOSE MINUTES TRANSMITTED BY LONG DISTANCE CARRIERS THAT ALSO USE THE DISTRIBUTION NETWORKS OF LOCAL TELEPHONE COMPANIES. THE MEASURE INCLUDES MINUTES ASSOCIATED WITH ORDINARY LONG DISTANCE CALLS AND THE "OPEN END" OF WATS-LIKE CALLS. IT EXCLUDES CALLS MADE ON PRIVATE TELECOMMUNICATIONS SYSTEMS, ON LEASED LINES, AND MINUTES ON THE "CLOSED END" OF WATS-LIKE CALLS. NON-PREMIUM MINUTES ARE THOSE HANDLED BY AT&T'S COMPETITORS IN AREAS WHERE EQUAL ACCESS HAS NOT YET BEEN PROVIDED.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.10 - PRESUBSCRIBED TELEPHONE LINES BY CARRIER

	DECEMBER 1996	JUNE 96	DECEMBER 1995	JUNE 95	DECEMBER 1994	JUNE 94
TOTAL NUMBER OF CARRIERS WITH PRESUBSCRIBED LINES	621	582	583	549	511	454
TOTAL NUMBER OF QUALIFYING CARRIERS	45	43	44	36	35	29
TOTAL NUMBER OF NON-QUALIFYING CARRIERS	576	539	539	513	476	425
QUALIFYING CARRIERS 1/						
AT&T COMPANIES:						
AT&T COMMUNICATIONS	100,177,257	99,599,355	101,138,792	102,502,271	103,957,425	102,421,583
AT&T ALASCOM, INC. 2/	224,192	222,144	218,135	232,525	226,974	222,142
MCI TELECOMMUNICATIONS CORP.	22,938,608	24,338,086	23,911,437	23,459,534	22,040,062	22,286,410
SOUTHERNET						
TELECOM*USA						
TELECONNECT						
SPRINT						
LA CONEXION FAMILIAR, INC.	11,788,717	10,905,940	9,784,388	9,589,788	9,467,999	9,244,159
LONG DISTANCE/USA						
WORLDCOM 3/						
ADVANCED TELECOM CORP. (ATC)	4,297,498	4,110,753	4,088,816	3,683,433	1,954,198	1,831,304
AMERICAN NETWORK						
CLAYDESTA DIGITAL						
COM SYSTEMS DBA SUN DIAL						
ITT						
METROMEDIA						
MICROTEL						
MID-AMERICAN						
NATIONAL TELECOMMUNICATIONS						
NTS (NATIONAL TELEPHONE SYSTEMS)						
TELUS/TELTEC SAVING						
TOUCH-1 LONG DISTANCE						
WILTEL 4/						
MFS INTELENET, INC.	211,085	177,648	106,489		320,571	161,143
EXCEL TELECOMMUNICATIONS, INC.	3,792,171	3,313,287	1,486,953	223,235	960,004	677,430
LCI COMPANIES:						
LCI INTERNATIONAL/LITEL 5/	2,244,192	1,965,532	1,227,925	840,968	638,464	614,937
LCI CORPORATE TELEMANAGEMENT GROUP						
LCI/US SIGNAL CORP. 6/			85,868	128,305	114,026	
FRONTIER COMPANIES: 7/						
FRONTIER dba ALLNET COMM. SVC., INC. 8/	2,050,019	2,097,182	2,348,301			
FRONTIER COMMUNICATIONS INT'L 9/	(1,334,100)	(1,317,313)	(1,548,658)	1,650,296	1,334,360	1,078,577
FRONTIER COMM-NORTH CENTRAL REGION 10/	(488,074)	(441,493)	(436,609)	365,841	283,372	278,542
FRONTIER OF THE GREAT LAKES 11/	(134,721)	(150,661)	(161,242)	154,038	132,946	
FRONTIER OF THE WEST 12/	(93,124)	(97,277)	(95,633)	88,043	84,141	80,573
SNET AMERICA LONG DISTANCE	783,135	597,251	304,391	133,300	137,489	144,240
GTE LONG DISTANCE CO.	733,558	169,609		223,844	105,855	
CABLE & WIRELESS COMMUNICATIONS	625,367	584,802	543,617	524,014	524,153	537,919
TELEFONICA LARGA DISTANCIA	470,267	458,783	452,017	444,205	441,467	446,390
U.S. LONG DISTANCE/ZERO PLUS	356,932	276,153	212,611	149,308	116,602	
UNITED TELEPHONE LONG DISTANCE	289,380	471,687	517,379	545,189	572,010	612,991
TOUCH 1 COMMUNICATIONS	209,905	149,392	134,779	108,550		
CITIZENS TELECOM	206,698	141,636				
LONG DISTANCE SAVERS	185,247	170,359	158,001	151,473	141,697	128,716
BUSINESS TELECOM, INC. (BTI)	177,423	171,239	146,118	132,196	121,822	100,808
INTER CONTINENTAL TELEPHONE	160,084	117,780	134,572	120,932	99,033	84,534
L.D. SERVICES, INC.	143,601	116,239	99,557	90,774		
COASTAL TELEPHONE COMPANY	141,358	133,108	97,917			
NATIONAL TELEPHONE COMMUNICATIONS, INC.	139,185					
VARTEC TELECOM, INC.	137,594	116,898	120,832	136,568	122,991	130,738
CINCINNATI BELL LONG DISTANCE INC.	134,506	120,710	115,398	102,634	102,163	92,302
GENERAL COMMUNICATIONS, INC.	130,994	124,969	119,883	102,813	102,528	102,202
ALLTEL LONG DISTANCE	127,563	78,401				
SWITCHED SERVICES COMMUNICATIONS 13/	126,721					
TELAMERICA, INC.	124,628	122,093	115,403	109,463	105,053	100,282
ATX TELECOMMUNICATIONS SERVICES	122,297	119,843	118,637	113,466	107,979	110,023
ONE CALL COMMUNICATIONS	120,952	110,352	93,613	78,328		
AMERIVISION COMMUNICATIONS	117,120					
CENTURY AREA LONG LINES	116,708	104,143				
ACCESS LONG DISTANCE	107,423	101,914	90,562	81,438		
OCI (ONCOR)	106,742	116,046	128,209	148,918	161,085	163,972
INTERNATIONAL TELECHARGE						
COMMONWEALTH LONG DISTANCE (CLD)	103,421	109,349	139,414	146,663	147,045	125,682
AMERICAN TELCO, INC.	99,806	89,783	83,402			
TWT-HEARTLINE	97,531	118,455	117,739			72,803
ACC LONG DISTANCE CORPORATION	87,667	80,795	79,652		74,482	
MATRIX TELECOM	85,971	89,689	91,031			
TRESCOM INTERNATIONAL, INC.	84,766					
DELTACOM L.D.S.	83,580					
WINSTAR GATEWAY NETWORK, INC		109,991	86,652			
MIDCOM COMMUNICATIONS		79,472	81,386	102,076		
COMMUNIQUE TELECOM					188,295	197,874
WORLDXCHANGE 14/			140,610	127,839	156,055	79,270
CHERRY COMMUNICATIONS			104,367	93,746		
ALIAN SYSTEMS (FORMERLY LINTEL - LINCOLN)			79,281	81,010	85,496	88,136
SONIC COMMUNICATIONS 15/					114,041	
TELESPHERE NETWORK 15/						
PUERTO RICO TEL-COM						
NETECH COMM. US WEST						
TOTAL QUALIFYING CARRIERS	154,461,869	152,080,868	149,232,439	146,960,164	145,317,426	142,215,682
NON-QUALIFYING CARRIERS	4,210,374	3,920,356	3,368,738	3,384,888	3,161,902	3,013,060
TOTAL INDUSTRY PRESUBSCRIBED LINES	158,672,243	156,001,224	152,601,177	150,345,052	148,479,328	145,228,742

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.10 - PRESUBSCRIBED TELEPHONE LINES BY CARRIER--CONTINUED

	DECEMBER 1993	JUNE 93	DECEMBER 1992	JUNE 92	DECEMBER 1991	JUNE 91
TOTAL NUMBER OF CARRIERS WITH PRESUBSCRIBED LINES	436	412	414	425	388	355
TOTAL NUMBER OF QUALIFYING CARRIERS	27	28	28	24	22	24
TOTAL NUMBER OF NON-QUALIFYING CARRIERS	409	384	386	401	366	331
QUALIFYING CARRIERS 1/						
AT&T COMPANIES:						
AT&T COMMUNICATIONS	101,711,178	101,770,741	101,203,888	101,384,413	101,498,260	101,013,529
AT&T ALASCOM, INC. 2/	216,964	218,225	209,850	203,832	203,105	196,244
MCI TELECOMMUNICATIONS CORP.	21,818,212	21,170,832	20,167,298	19,189,649	18,329,870	17,603,453
SOUTHERNET						
TELECOM*USA						
TELECONNECT						
SPRINT						
LA CONEXION FAMILIAR, INC.	9,212,993	8,621,177	8,856,004	8,424,303	8,353,583	8,702,085
LONG DISTANCE/USA			71,327	72,555		
WORLDCOM 3/	1,752,616	931,553	482,043	338,820	332,244	134,043
ADVANCED TELECOM CORP. (ATC)			440,961	331,136	333,152	334,157
AMERICAN NETWORK						
CLAYDESTA DIGITAL						
COM SYSTEMS DBA SUN DIAL		134,950	126,190	117,571	116,326	119,034
ITT						
METROMEDIA		538,362	494,864	468,698	476,128	497,187
MICROTEL						
MID-AMERICAN						
NATIONAL TELECOMMUNICATIONS						
NTS (NATIONAL TELEPHONE SYSTEMS)						91,417
TELUUS/TELTEC SAVING						
TOUCH-1 LONG DISTANCE	98,044	105,244	110,929			
WILTEL 4/	432,844	339,960	191,076	116,501	87,758	
MFS INTELENET, INC.						
EXCEL TELECOMMUNICATIONS, INC.						
LCI COMPANIES:						
LCI INTERNATIONAL/LITEL 5/	405,644	359,575	338,496	226,350	186,884	163,089
LCI CORPORATE TELEMANAGEMENT GROUP						
LCI/US SIGNAL CORP. 6/	109,071	93,155	77,096			
FRONTIER COMPANIES: 7/						
FRONTIER dba ALLNET COMM. SVC., INC. 8/	891,577	846,961	859,499	830,548	813,748	775,847
FRONTIER COMMUNICATIONS INT'L 9/	279,304	260,760	252,495	240,670	190,382	180,321
FRONTIER COMM-NORTH CENTRAL REGION 10/						
FRONTIER OF THE GREAT LAKES 11/	77,699	76,521	71,059			
FRONTIER OF THE WEST 12/	96,539					
SNET AMERICA LONG DISTANCE						
GTE LONG DISTANCE CO.						
CABLE & WIRELESS COMMUNICATIONS	529,398	522,112	513,419	490,228	466,935	448,951
TELEFONICA LARGA DISTANCIA	442,922	436,695	432,701	425,334	419,293	393,034
U.S. LONG DISTANCE/ZERO PLUS						
UNITED TELEPHONE LONG DISTANCE	648,131	625,831	639,341	626,850	596,114	590,187
TOUCH 1 COMMUNICATIONS						
CITIZENS TELECOM						
LONG DISTANCE SAVERS	112,905	98,514	87,687	80,839	77,568	73,696
BUSINESS TELECOM, INC. (BTI)						
INTER CONTINENTAL TELEPHONE						
L.D. SERVICES, INC.						
COASTAL TELEPHONE COMPANY						
NATIONAL TELEPHONE COMMUNICATIONS, INC.						
VARTEC TELECOM, INC.	117,692	77,258				
CINCINNATI BELL LONG DISTANCE INC.	93,659	93,014	90,841	85,974	79,182	74,387
GENERAL COMMUNICATIONS, INC.	99,911	91,812	97,798	94,229	93,233	90,252
ALLTEL LONG DISTANCE						
SWITCHED SERVICES COMMUNICATIONS 13/						
TELAMERICA, INC.	94,114	92,719	92,860	91,460	85,801	90,887
ATX TELECOMMUNICATIONS SERVICES	104,971	86,186	82,303	70,246		
ONE CALL COMMUNICATIONS						
AMERIVISION COMMUNICATIONS						
CENTURY AREA LONG LINES						
ACCESS LONG DISTANCE						
OCI (ONCOR)	144,511	106,625	87,593			
INTERNATIONAL TELECHARGE						
COMMONWEALTH LONG DISTANCE (CLD)	113,072	103,407	103,684	93,241	72,813	82,085
AMERICAN TELCO, INC.						
TWT-HEARTLINE						
ACC LONG DISTANCE CORPORATION						
MATRIX TELECOM						
TRESKOM INTERNATIONAL, INC.						
DELTACOM L.D.S.						
WINSTAR GATEWAY NETWORK, INC						
MIDCOM COMMUNICATIONS						
COMMUNIQUE TELECOM	189,781	161,398	148,865	133,090	106,892	93,809
WORLDXCHANGE 14/						
CHERRY COMMUNICATIONS						
ALIAN SYSTEMS (FORMERLY LINTEL - LINCOLN)	90,146	91,420	93,427	93,562	94,183	96,415
SONIC COMMUNICATIONS 15/						
TELESPHERE NETWORK 15/						
PUERTO RICO TEL-COM						94,666
NETECH COMM, US WEST		107,063				79,146
TOTAL QUALIFYING CARRIERS	139,963,294	138,162,070	136,423,594	134,230,099	133,013,454	132,017,921
NON-QUALIFYING CARRIERS						
TOTAL INDUSTRY PRESUBSCRIBED LINES	2,845,986	2,452,609	2,301,446	2,473,551	2,273,128	1,878,542
	142,809,280	140,614,679	138,725,040	136,703,650	135,286,582	133,896,463

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.10 - PRESUBSCRIBED TELEPHONE LINES BY CARRIER--CONTINUED

	DECEMBER 1990	JUNE 90	DECEMBER 1989	JUNE 89	DECEMBER 1988	JUNE 88	DECEMBER 1987
TOTAL NUMBER OF CARRIERS WITH PRESUBSCRIBED LINES	325	314	302	276	253	242	223
TOTAL NUMBER OF QUALIFYING CARRIERS	21	20	20	21	21	20	19
TOTAL NUMBER OF NON-QUALIFYING CARRIERS	304	294	282	255	232	222	204
QUALIFYING CARRIERS 1/							
AT&T COMPANIES:							
AT&T COMMUNICATIONS	100,061,611	99,612,725	99,396,609	100,006,827	100,205,677	100,832,869	101,652,678
AT&T ALASCOM, INC. 2/	182,341	179,175	168,095	165,332	161,572	157,250	152,040
MCI TELECOMMUNICATIONS CORP.	17,434,898	16,864,001	15,055,643	13,671,625	12,149,921	10,941,207	9,990,561
SOUTHERNET					215,384	199,093	183,769
TELECOM*USA		712,263	646,084	533,516			
TELECONNECT					247,042	211,949	156,614
SPRINT	8,743,988	8,148,013	8,167,638	7,674,605	7,197,136	6,382,372	5,836,179
LA CONEXION FAMILIAR, INC.							
LONG DISTANCE/USA						81,692	85,680
WORLDCOM 3/	116,864	70,781	66,576				
ADVANCED TELECOM CORP. (ATC)	355,518	372,260	396,319	262,542			
AMERICAN NETWORK							95,926
CLAYDESTA DIGITAL						96,914	71,794
COM SYSTEMS DBA SUN DIAL						62,773	
ITT	118,963	118,225	89,081	87,520	420,793	394,707	279,549
METROMEDIA	515,711	360,551	412,197	425,109	215,181	211,210	215,485
MICROTEL		198,374	207,599	209,036		70,273	63,587
MID-AMERICAN				89,367	97,526	100,113	96,384
NATIONAL TELECOMMUNICATIONS							
NTS (NATIONAL TELEPHONE SYSTEMS)		67,129	77,667	65,692			
TELUUS/TELTEC SAVING				134,150	125,339	117,191	105,243
TOUCH-1 LONG DISTANCE							
WILTEL 4/							
MFS INTELENET, INC.							
EXCEL TELECOMMUNICATIONS, INC.							
LCI COMPANIES:							
LCI INTERNATIONAL/LITEL 5/	144,926	137,164	123,748	107,302	92,014		
LCI CORPORATE TELEMAGEMENT GROUP							
LCI/US SIGNAL CORP. 6/							
FRONTIER COMPANIES: 7/							
FRONTIER dba ALLNET COMM. SVC., INC. 8/	744,452	709,876	677,531	687,097	763,680	818,080	726,974
FRONTIER COMMUNICATIONS INT'L 9/	171,198	150,069	113,329	98,334	83,383	63,574	
FRONTIER COMM-NORTH CENTRAL REGION 10/							
FRONTIER OF THE GREAT LAKES 11/							
FRONTIER OF THE WEST 12/							
SNET AMERICA LONG DISTANCE							
GTE LONG DISTANCE CO.							
CABLE & WIRELESS COMMUNICATIONS	422,534	407,906	394,020	358,290	304,976	256,786	236,000
TELEFONICA LARGA DISTANCIA	375,694						
U.S. LONG DISTANCE/ZERO PLUS							
UNITED TELEPHONE LONG DISTANCE	548,303	524,477	513,033	430,550	285,385	167,025	82,602
TOUCH 1 COMMUNICATIONS							
CITIZENS TELECOM							
LONG DISTANCE SAVERS							
BUSINESS TELECOM, INC. (BTI)							
INTER CONTINENTAL TELEPHONE							
L.D. SERVICES, INC.							
COASTAL TELEPHONE COMPANY							
NATIONAL TELEPHONE COMMUNICATIONS, INC.							
VARTEC TELECOM, INC.							
CINCINNATI BELL LONG DISTANCE INC.	67,689						
GENERAL COMMUNICATIONS, INC.	88,360	82,386	86,089	85,773	83,468	84,807	89,338
ALLTEL LONG DISTANCE							
SWITCHED SERVICES COMMUNICATIONS 13/							
TELAMERICA, INC.	101,968	102,530	100,213	99,038	90,570	94,654	94,292
ATX TELECOMMUNICATIONS SERVICES							
ONE CALL COMMUNICATIONS							
AMERIVISION COMMUNICATIONS							
CENTURY AREA LONG LINES							
ACCESS LONG DISTANCE							
OCI (ONCOR)							
INTERNATIONAL TELECHARGE	83,725	87,751	95,252	71,346			
COMMONWEALTH LONG DISTANCE (CLD)							
AMERICAN TELCO, INC.							
TWT-HEARTLINE							
ACC LONG DISTANCE CORPORATION							
MATRIX TELECOM							
TRESCOM INTERNATIONAL, INC.							
DELTACOM L.D.S.							
WINSTAR GATEWAY NETWORK, INC							
MIDCOM COMMUNICATIONS							
COMMUNIQUE TELECOM							
WORLDXCHANGE 14/							
CHERRY COMMUNICATIONS							
ALIAN SYSTEMS (FORMERLY LINTEL - LINCOLN)	99,594	95,126	96,966	93,353	94,031	92,636	93,352
SONIC COMMUNICATIONS 15/							
TELESPHERE NETWORK 15/	111,386						
PUERTO RICO TEL-COM	99,821						
NETECH COMM, US WEST							
TOTAL QUALIFYING CARRIERS	130,589,544	129,000,782	126,883,689	125,356,404	123,063,038	121,349,606	120,244,460
NON-QUALIFYING CARRIERS	1,819,064	1,776,233	1,598,790	1,390,131	1,297,791	1,315,809	1,222,040
TOTAL INDUSTRY PRESUBSCRIBED LINES	132,408,608	130,777,015	128,482,479	126,746,535	124,360,829	122,665,415	121,466,500

SEE NOTES FOLLOWING TABLE 8.12.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.11 - MARKET SHARE OF PRESUBSCRIBED LINES

		AT&T	MCI	SPRINT	WORLDCOM	OTHER CARRIERS
1987	DEC	83.7 %	8.2 %	4.8 %		3.3 %
1988	JUNE	82.2	8.9	5.2		3.7
	DEC	80.6	9.8	5.8		3.9
1989	JUNE	78.9	10.8	6.1	0.0 %	4.3
	DEC	77.4	11.7	6.4	0.1	4.5
1990	JUNE	76.2	12.9	6.2	0.1	4.7
	DEC	75.6	13.2	6.6	0.1	4.6
1991	JUNE	75.4	13.1	6.5	0.1	4.8
	DEC	75.0	13.5	6.2	0.2	5.0
1992	JUNE	74.2	14.0	6.2	0.2	5.4
	DEC	73.0	14.5	6.4	0.3	5.8
1993	JUNE	72.4	15.1	6.1	0.7	5.8
	DEC	71.2	15.3	6.5	1.2	5.8
1994	JUNE	70.5	15.3	6.4	1.3	6.5
	DEC	70.0	14.8	6.4	1.3	7.4
1995	JUNE	68.2	15.6	6.4	2.4	7.4
	DEC	66.4	15.7	6.4	2.7	8.8
1996	JUNE	64.0	15.6	7.0	2.6	10.8
	DEC	63.3	14.5	7.4	2.7	12.1

TABLE 8.12 - ANNUAL RATES OF GROWTH OF PRESUBSCRIBED LINES

		AT&T	MCI	SPRINT	WORLDCOM	OTHER CARRIERS	TOTAL INDUSTRY LINES
1987	DEC						
1988	JUNE						
	DEC	-1.4 %	21.6 %	23.3 %		22.1 %	2.4 %
1989	JUNE	-0.8	25.0	20.2		21.1	3.3
	DEC	-0.8	23.9	13.5		18.7	3.3
1990	JUNE	-0.4	23.4	6.2		10.6	3.2
	DEC	0.7	15.8	7.1	75.5 %	17.3	3.1
1991	JUNE	1.4	4.4	6.8	89.4	19.7	2.4
	DEC	1.4	5.1	-4.5	184.3	11.8	2.2
1992	JUNE	0.4	9.0	-3.2	152.8	13.2	2.1
	DEC	-0.3	10.0	6.0	45.1	17.2	2.5
1993	JUNE	0.4	10.3	2.3	174.9	11.3	2.9
	DEC	0.5	8.2	4.0	263.6	4.7	2.9
1994	JUNE	0.6	5.3	7.2	96.6	16.1	3.3
	DEC	2.2	1.0	2.8	11.5	32.7	4.0
1995	JUNE	0.1	5.3	3.7	101.1	17.6	3.5
	DEC	-2.5	8.5	3.3	109.2	21.8	2.8
1996	JUNE	-2.6	3.7	13.7	11.6	51.6	3.8
	DEC	-0.9	-4.1	20.5	5.1	43.0	4.0

NOTES FOR TABLES 8.10.

- 1/ QUALIFYING CARRIERS' DATA ARE SHOWN ONLY FOR YEARS IN WHICH THE CARRIER HAD AT LEAST .05% OF OVERALL PRESUBSCRIBED LINES.
- 2/ PURCHASED BY AT&T IN 1995.
- 3/ LDDS/WORLDCOM CHANGED ITS NAME TO WORLDCOM, INC. IN MAY 1995.
- 4/ LDDS AND WITEL MERGED ON JANUARY 5, 1995.
- 5/ NAME CHANGED FROM LITEL, DECEMBER 1994.
- 6/ NAME CHANGED FROM TELEDIAL AMERICA, DECEMBER 1994.
- 7/ THE TOTAL NUMBER OF PRESUBSCRIBED LINES REPORTED FOR FRONTIER FOR 1995 AND 1996 ARE ONLY FOR THOSE SUBSIDIARIES WHICH MEET THE QUALIFYING COMPANIES' THRESHOLD NOTED IN FOOTNOTE 1 ABOVE.
- 8/ PURCHASED BY FRONTIER IN 1995.
- 9/ NAME CHANGED FROM RCI, DECEMBER 1994.
- 10/ FORMERLY AMERICAN SHARECOM; PURCHASED BY FRONTIER IN 1995.
- 11/ FORMERLY SCHNEIDER COMMUNICATIONS; PURCHASED BY FRONTIER IN 1995.
- 12/ FORMERLY WEST COAST TELECOMMUNICATIONS; PURCHASED BY FRONTIER IN 1995.
- 13/ SUBSIDIARY OF IXC COMMUNICATIONS, INC.
- 14/ NAME CHANGED FROM COMMUNICATIONS TELESYSTEMS INT'L (CTI) IN 1995.
- 15/ COMPANY WENT BANKRUPT.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.13
NUMBER OF CARRIER IDENTIFICATION CODES (CICS)
ASSIGNED BY
BELL COMMUNICATIONS RESEARCH
1982 - 1992**

YEAR	QUARTER	NUMBER OF CICS ASSIGNED	YEAR	QUARTER	NUMBER OF CICS ASSIGNED
1982	FIRST QUARTER	11	1988	FIRST QUARTER	602
	SECOND QUARTER	13		SECOND QUARTER	621
	THIRD QUARTER	13		THIRD QUARTER	601
	FOURTH QUARTER	11		FOURTH QUARTER	639
1983	FIRST QUARTER	15	1989	FIRST QUARTER	685
	SECOND QUARTER	25		SECOND QUARTER	714
	THIRD QUARTER	33		THIRD QUARTER	730
	FOURTH QUARTER	42		FOURTH QUARTER	747
1984	FIRST QUARTER	54	1990	FIRST QUARTER	774
	SECOND QUARTER	86 *		SECOND QUARTER	794
	THIRD QUARTER	121		THIRD QUARTER	817
	FOURTH QUARTER	155		FOURTH QUARTER	791
1985	FIRST QUARTER	182	1991	FIRST QUARTER	745
	SECOND QUARTER	212		SECOND QUARTER	766
	THIRD QUARTER	236		THIRD QUARTER	783
	FOURTH QUARTER	256		FOURTH QUARTER	807
1986	FIRST QUARTER	276	1992	FIRST QUARTER	786
	SECOND QUARTER	331		SECOND QUARTER	831
	THIRD QUARTER	361		THIRD QUARTER	840
	FOURTH QUARTER	413		FOURTH QUARTER	886
1987	FIRST QUARTER	444			
	SECOND QUARTER	495			
	THIRD QUARTER	530			
	FOURTH QUARTER	573			

**NUMBER OF CARRIER IDENTIFICATION CODES (CICS)
ASSIGNED BY
BELL COMMUNICATIONS RESEARCH
1993 - 1997**

YEAR	QUARTER	FGB	FGD
1993	FIRST QUARTER	694 **	709
	SECOND QUARTER	738	746
	THIRD QUARTER	739	760
	FOURTH QUARTER	753	796
1994	FIRST QUARTER	781	815
	SECOND QUARTER	795	845
	THIRD QUARTER	805	899***
	FOURTH QUARTER	819	947
1995	FIRST QUARTER	829	1,016
	SECOND QUARTER	832	1,082
	THIRD QUARTER	843	1,146
	FOURTH QUARTER	852	1,209
1996	FIRST QUARTER	865	1,253
	SECOND QUARTER	876	1,300
	THIRD QUARTER	875	1,315
	FOURTH QUARTER	878	1,337
1997	FIRST QUARTER	882	1,395
	SECOND QUARTER	896	1,427
	THIRD QUARTER	908	1,481

* CONVERSION FROM 2-DIGIT CODES TO 3-DIGIT CODES.

** CONVERSION FROM 3-DIGIT CODES TO 4-DIGIT CODES.

*** INCLUDES BOTH 3-DIGIT CODES AND 4-DIGIT CODES.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.14-TELEPHONE NUMBERS ASSIGNED FOR 800 SERVICE

YEAR	MONTH	WORKING 800 NUMBERS	MISC* 800 NUMBERS	TOTAL 800 NUMBERS ASSIGNED	SPARE 800 NUMBERS STILL AVAILABLE	
1993	APRIL	2,448,985	642,725	3,091,710	4,618,290	
	MAY	2,511,933	708,192	3,220,125	4,489,875	
	JUNE	2,589,123	722,006	3,311,129	4,398,871	
	JULY	2,675,483	705,416	3,380,899	4,329,101	
	AUGUST	2,738,259	701,009	3,439,268	4,270,732	
	SEPTEMBER	2,818,262	639,547	3,457,809	4,252,191	
	OCTOBER	2,891,994	660,544	3,552,538	4,157,462	
	NOVEMBER	3,083,250	728,514	3,811,764	3,898,236	
	DECEMBER	3,155,955	731,438	3,887,393	3,822,607	
	1994	JANUARY	3,257,540	580,216	3,837,756	3,872,244
		FEBRUARY	3,381,646	731,005	4,112,651	3,597,349
		MARCH	3,516,620	743,813	4,260,433	3,449,567
APRIL		3,659,129	699,212	4,358,341	3,351,659	
MAY		3,793,865	738,767	4,532,632	3,177,368	
JUNE		3,933,037	792,698	4,725,735	2,984,265	
JULY		4,099,174	699,803	4,798,977	2,911,023	
AUGUST		4,312,486	807,881	5,120,367	2,589,633	
SEPTEMBER		4,506,014	841,381	5,347,395	2,362,605	
OCTOBER		4,611,014	871,684	5,482,698	2,227,302	
NOVEMBER		4,817,854	875,416	5,693,270	2,016,730	
DECEMBER		4,948,605	763,235	5,711,840	1,998,160	
1995	JANUARY	5,096,646	807,294	5,903,940	1,806,060	
	FEBRUARY	5,278,800	811,221	6,090,021	1,619,979	
	MARCH	5,528,723	793,771	6,322,494	1,387,506	
	APRIL	5,741,780	797,902	6,539,682	1,170,318	
	MAY	5,980,848	843,093	6,823,941	886,059	
	JUNE	6,340,534	481,633	6,822,167	887,833	
	JULY	6,402,785	443,717	6,846,502	863,498	
	AUGUST	6,428,120	442,270	6,870,390	839,610	
	SEPTEMBER	6,503,018	437,215	6,940,233	769,767	
	OCTOBER	6,583,344	396,605	6,979,949	730,051	
	NOVEMBER	6,647,880	310,043	6,957,923	752,077	
	DECEMBER	6,700,576	286,487	6,987,063	722,937	
1996	JANUARY	6,766,607	297,001	7,063,608	646,392	
	FEBRUARY	6,861,093	335,557	7,196,650	513,350	
	MARCH	6,907,098	293,244	7,200,342	509,658	
	APRIL	6,934,085	280,927	7,215,012	494,988	
	MAY	6,943,620	333,140	7,276,760	433,240	
	JUNE	6,986,821	324,899	7,311,720	398,280	
	JULY	7,022,309	339,900	7,362,209	347,791	
	AUGUST	7,074,772	311,273	7,386,045	323,955	
	SEPTEMBER	7,119,167	310,562	7,429,729	280,271	
	OCTOBER	7,185,135	325,088	7,510,223	199,777	
	NOVEMBER	7,242,377	337,502	7,579,879	130,121	
	DECEMBER	7,272,819	343,905	7,616,724	93,276	
1997	JANUARY	7,333,632	323,804	7,657,436	52,564	
	FEBRUARY	7,388,696	318,571	7,707,267	2,733	
	MARCH	7,402,769	305,362	7,708,131	1,869	
	APRIL	7,411,118	296,925	7,708,043	1,957	
	MAY	7,411,291	294,320	7,705,611	4,389	
	JUNE	7,415,591	293,802	7,709,393	607	
	JULY	7,421,288	283,794	7,705,082	4,918	
	AUGUST	7,430,733	276,024	7,706,757	3,243	
	SEPTEMBER	7,427,717	280,668	7,708,385	1,615	
	OCTOBER	7,432,295	275,316	7,707,611	2,389	

* MISCELLANEOUS NUMBERS INCLUDE THOSE IN THE 800 SERVICE MANAGEMENT SYSTEM MAINTAINED BY DATA SERVICE MANAGEMENT, INC., AND CATEGORIZED AS RESERVED, ASSIGNED BUT NOT YET ACTIVATED, RECENTLY DISCONNECTED, OR SUSPENDED.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

TABLE 8.15-TELEPHONE NUMBERS ASSIGNED FOR 888 SERVICE

YEAR MONTH	WORKING 888 NUMBERS	MISC* 888 NUMBERS	TOTAL 888 NUMBERS ASSIGNED	SPARE 888 NUMBERS STILL AVAILABLE
1996 FEBRUARY	67,399	560,598	627,997	7,352,003
MARCH	267,874	568,574	836,448	7,143,552
APRIL	442,005	565,402	1,007,407	6,972,593
MAY	707,374	542,428	1,249,802	6,730,198
JUNE	922,849	544,079	1,466,928	6,513,072
JULY	1,157,770	549,845	1,707,615	6,272,385
AUGUST	1,437,660	576,399	2,014,059	5,965,941
SEPTEMBER	1,641,519	590,345	2,231,864	5,748,136
OCTOBER	1,886,663	629,365	2,516,028	5,463,972
NOVEMBER	2,074,600	622,375	2,696,975	5,283,025
DECEMBER	2,255,163	601,766	2,856,929	5,123,071
1997 JANUARY	2,457,250	591,533	3,048,783	4,931,217
FEBRUARY	2,654,984	629,997	3,284,981	4,695,019
MARCH	2,857,608	661,164	3,518,772	4,461,228
APRIL	3,097,015	646,709	3,743,724	4,236,276
MAY	3,399,856	657,615	4,057,471	3,922,529
JUNE	3,660,984	681,981	4,342,965	3,637,035
JULY	3,990,769	696,331	4,687,100	3,292,900
AUGUST	4,345,910	742,755	5,088,665	2,891,335
SEPTEMBER	4,776,888	774,231	5,551,119	2,428,881
OCTOBER	5,139,798	725,754	5,865,552	2,114,448

* MISCELLANEOUS NUMBERS INCLUDE THOSE IN THE 888 SERVICE MANAGEMENT SYSTEM MAINTAINED BY DATA SERVICE MANAGEMENT INC., AND CATEGORIZED AS RESERVED, ASSIGNED BUT NOT YET ACTIVATED, RECENTLY DISCONNECTED, C SUSPENDED.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.16-REVENUE REPORTED ON TELECOMMUNICATIONS RELAY SERVICE FUND WORKSHEETS
(AMOUNTS SHOWN IN MILLIONS)**

	1992	1993	1994	1995	1996
Local Service					
Local Exchange	\$39,235	\$40,176	\$42,245	\$45,194	\$48,717
Local Private Line	1,049	1,088	1,138	1,226	1,616
Cellular, PCS, Paging & Other Mobile	7,285	10,237	14,293	18,759	26,049
Other Local	<u>7,687</u>	<u>8,002</u>	<u>8,302</u>	<u>10,428</u>	<u>10,543</u>
Total Local Service	55,256	59,503	65,977	75,607	86,924
Interstate & Intrastate Access Service	29,353	30,832	32,759	33,911	35,641
Long Distance Service					
Operator (including Pay Telephone & Card)	9,465	10,772	10,539	11,170	10,975
Non-Operator Switched Toll	54,300	58,294	60,819	64,431	71,467
Long Distance Private Line	7,783	8,067	9,043	9,719	10,665
Other Long Distance	<u>4,196</u>	<u>5,392</u>	<u>4,078</u>	<u>4,309</u>	<u>6,583</u>
Total Long Distance	75,744	82,525	84,478	89,629	99,691
Total Reported Revenue	160,353	172,860	183,214	199,147	222,256
Percentage of Revenue Reported as Interstate					
Local Service					
Local Exchange	0.1%	0.1%	0.0%	0.1%	0.1%
Local Private Line	0.1%	0.1%	0.2%	0.4%	6.9%
Cellular, PCS, Paging & Other Mobile	6.2%	6.0%	5.8%	5.8%	5.3%
Other Local	14.9%	14.0%	13.9%	11.2%	11.8%
Total Local Service	2.9%	3.0%	3.0%	3.0%	3.2%
Interstate & Intrastate Access Service	72.3%	72.9%	73.1%	73.2%	73.3%
Long Distance Service					
Operator (including Pay Telephone & Card)	76.2%	65.5%	62.3%	61.6%	58.8%
Non-Operator Switched Toll	59.1%	59.9%	63.2%	64.8%	64.8%
Long Distance Private Line	70.2%	71.4%	73.0%	73.9%	73.1%
Other Long Distance	82.0%	73.2%	74.6%	75.8%	75.2%
Total Long Distance	63.6%	62.6%	64.7%	65.9%	65.7%
Total Reported Revenue	44.3%	43.9%	44.0%	43.3%	42.5%

Source: "Telecommunications Industry Revenue: TRS Fund Worksheet Data", released November 1997 by the Industry Analysis Division.

STATISTICS OF COMMUNICATIONS COMMON CARRIERS

**TABLE 8.17-NUMBER OF CARRIERS PAYING INTO THE TELECOMMUNICATIONS RELAY SERVICE FUND
BY TYPE OF CARRIER**

	1992	1993	1994	1995	1996
Competitive Access Providers (CAPs) & Competitive LECs (CLECs)		20	30	57	109
Cellular Service Carriers & Personal Communications Services (PCS)		798	790	792	804
Interexchange Carriers (IXCs)		83	97	130	143
Local Exchange Carriers (LECs)		1,281	1,347	1,347	1,371
Paging and Other Mobile Carriers		126	117	138	172
Operator Service Providers (OSPs)		35	29	25	27
Other Toll Carriers		32	34	30	38
Pay Telephone Providers		163	197	271	441
Pre paid Calling Card Providers				8	15
Toll Resellers		171	206	260	339
Total	2,558	2,709	2,847	3,058	3,459

**TABLE 8.18-GROSS REVENUE REPORTED BY TYPE OF CARRIER
(MILLIONS)**

	1992	1993	1994	1995	1996
Competitive Access Providers (CAPs) & Competitive LECs (CLECs)	\$69	\$191	\$281	\$623	\$1,011
Cellular Service Carriers & Personal Communications Services (PCS)	6,718	9,215	13,259	17,208	23,778
Interexchange Carriers (IXCs)	57,341	61,118	66,381	70,938	79,057
Local Exchange Carriers (LECs)	91,584	95,228	98,431	102,820	107,905
Paging and Other Mobile Carriers	670	964	938	1,419	2,121
Operator Service Providers (OSPs)	558	695	536	500	461
Other Toll Carriers	2,186	711	709	773	577
Pay Telephone Providers	183	175	300	349	357
Prepaid Calling Card Providers				16	238
Toll Resellers	1,293	1,869	2,840	4,220	6,564
Total of above detail data <u>1/</u>	\$160,601	\$170,166	\$183,675	\$198,867	\$222,069
Total all carriers <u>2/</u>	\$160,353	\$172,860	\$183,214	\$199,147	\$222,256

Source: "Telecommunications Industry Revenue: TRS Fund Worksheet Data," released November 1997, by the Industry Analysis Division.

1/ Sum of detail revenue as originally reported. This total excludes some amounts of carrier revenue withheld to preserve confidentiality.

2/ These totals include all reported revenue and reflect late filings and revisions.