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## **FCC RELEASES ANNUAL TELECOMMUNICATIONS INDUSTRY REVENUE REPORT**

### ***Wireless Industry and Competitive Local Exchange Carriers See Rapid Growth***

Washington, D.C. – Today, the Federal Communications Commission (FCC) released its annual summary of *Telecommunications Industry Revenues*. The report provides a general overview of the revenues of the U.S. telecommunications industry.

The telecommunications industry reported \$269 billion in revenues for 1999 — an increase of 9% over 1998's \$246 billion. Other data of note include:

- Wireless revenues jumped more than 30%, from \$37 billion to \$48 billion.
- Competitive local telephone companies continued to grow rapidly, with revenues increasing to more than \$5 billion, up 60% over 1998, and accounting for almost 5% of the \$112 billion of local service revenues.
- Toll service revenues increased only slightly — from \$105 billion to \$108 billion — reflecting sharp reductions in the price of international calling as the average price per minute for international calls fell from 68 cents to 56 cents.

The data presented in the report are based on Telecommunications Reporting Worksheets (FCC Form 499-A). The data is essential to the Commission in administering a variety of programs, and aggregate data are widely used within the industry for planning and investment decisions. Data on individual companies are not publicly available because companies have requested proprietary treatment.

The report is available for reference in the FCC's Reference Information Center, Courtyard Level, 445 12th Street, SW, Washington, D.C. 20554. Copies may be purchased by calling International Transcription Services, Inc. (ITS) at (202) 857-3800. The report, including the spreadsheets containing the report's statistical tables and the figures, can be downloaded [file name: TELREV99.PDF or TELREV99.ZIP] from the **FCC-State Link** Internet site at (<http://www.fcc.gov/ccb/stats>).

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For additional information, contact Jim Lande of the Common Carrier Bureau's Industry Analysis Division, (202) 418-0940, or for users of TTY equipment, call (202) 418-0484.

News about the Federal Communications Commission can also be found on the Commission's web site [www.fcc.gov](http://www.fcc.gov).

# TELECOMMUNICATIONS INDUSTRY REVENUES: 1999

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Common Carrier Bureau  
Federal Communications Commission  
September 2000



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## Telecommunications Industry Revenues

This report provides a general overview of the revenues of the U.S. telecommunications industry and the contributions to the universal service support mechanisms that are based on these revenues. Most of the revenue data for 1999 were filed on Telecommunications Reporting Worksheets (FCC Form 499-A). The filed revenue data are essential to the Commission for administering the Universal Service, Telecommunications Relay Service, North American Numbering Planning Administration and local number portability programs. The data also are used as the basis for common carrier regulatory fees. Carriers also use the FCC Form 499-A to provide to the Commission agent for service of process and carrier registration information. Aggregate data are widely used within the industry for planning and investment decisions.

The industry reported \$269 billion in telecommunications service revenues for 1999 — an increase of 9% over 1998's \$246 billion. Other data of note include:

- Wireless revenues jumped more than 30%, from \$37 billion to \$48 billion.
- Competitive local telephone companies continued to grow rapidly, with revenues increasing to more than \$5 billion, up 60% over 1998, and accounting for almost 5% of the \$112 billion of local service revenues.
- Toll service revenues increased only slightly — from \$105 billion to \$108 billion — reflecting sharp reductions in the price of international calling as the average price per minute for international calls fell from 68 cents to 56 cents.

## FCC Form 499-A Filing Requirement

Virtually all providers of telecommunications service are currently required to file the Form 499-A. Telecommunications Reporting Worksheets are not filed directly with the FCC but rather with the Universal Service Administrative Company (USAC), the data collection agent for the Form 499-A. By June 2000, the Form 499-A database contained whole-year 1999 data for 4,491 filers. In some cases, the 1999 revenue data are estimated due to late or inadequate filings by some service providers.

In the Form 499-A, each filer is required to report total, interstate and international revenues in two broad categories: service provided to Universal Service Worksheet filers for resale (carrier's carrier); and, service to de minimis filers and end users (end user). Filers must provide further breakdowns of local, wireless, and toll services. The Form 499-A requires each filer to categorize itself using one of the following categories:<sup>1</sup>

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<sup>1</sup> The detailed definitions of the filer categories are contained in the Form 499-A detailed filing instructions, ( <http://www.fcc.gov/Forms/Form499-A/499a.pdf> ).

- Competitive Access Provider (CAP) or Competitive Local Exchange Carrier (CLEC)
- Cellular, Personal Communications Service (PCS) and Specialized Mobile Radio (SMR) Wireless Telephony Service Provider
- Incumbent Local Exchange Carrier (ILEC)
- Interexchange Carrier (IXC)
- Local Reseller
- Operator Service Provider (OSP)
- Other Local Service Provider
- Other Mobile Service Provider
- Other Toll Service Provider
- Paging and Messaging Service Provider
- Payphone Provider
- Private Service Provider
- Pre-paid Calling Card Provider
- Satellite Service Provider
- Shared-Tenant Service Provider
- Specialized Mobile Radio - Dispatch
- Toll Reseller
- Wireless Data Service Provider

Fewer filer categories were listed on prior-year worksheets. In a few cases, filer categories were combined for tabulation purposes.

Filers were instructed to report the amounts actually billed to customers. This means that filers should report revenues net of discounts, but without making any adjustments to reflect uncollectible revenues or international settlement payments. Most filers should be able to report revenues in this manner using information contained in their corporate books of account. Some filers, however, have no business or regulatory requirements to record intrastate or international revenues separately from interstate revenues or to use the detailed revenue categories contained in the worksheets. In accordance with the worksheet instructions, many filers used safe harbor percentages to estimate the interstate portion of wireless revenues. Further, some filers reported unlikely amounts or amounts in unlikely categories. The totals reflect some corrections based on supplemental filer information. Nonetheless, desegregated data are likely to be less accurate than industry totals.

## Statistical Tables

Table 1 shows the major components of telecommunications revenues for 1999. Tables 2 and 3 compare 1999 revenues with revenues for prior years. Revenue data shown for 1992 through 1996 are derived from information filed on TRS worksheets. Revenue data for 1997 and 1998 are derived from a combination of TRS worksheet and Universal Service worksheet data. These worksheets were replaced by the Form 499-A, which were filed for the first time on April 1, 2000. Table 4 illustrates how data from the Form 499-A is used to develop funding bases for the universal service, TRS, NANPA and local number portability contribution mechanisms.

Table 2 provides historic data for several categories of revenue. Because of reporting changes, data for 1997 through 1999 are not entirely consistent with data for prior years. For example, special access revenues were included with other access revenues prior to 1997 but are included with local private line services since then. Similarly, through 1996, filers reported as other local and mobile revenues substantial amounts of customer premises, billing and collection and other types of revenues that are excluded from contributions to the universal service support mechanisms. These revenues are now reported as non-telecommunications revenues. Table 2 contains estimates of the amounts of non-telecommunications revenues that had been reported in prior years. Based on staff estimates, the 1996 telecommunications revenues reported on TRS Worksheets would have been \$10.5 billion lower if revenues had been reported using current instructions.

Table 2 contains significant revisions to previously published data for non-operator switched toll and other toll data. Many filers erroneously reported substantial amounts of switched service revenues as other toll revenues. Each year, the amounts are reexamined and some may be reclassified based on staff research. Even so, the other toll category probably continues to contain some switched revenues, perhaps significant amounts in some years.

In 1997, filers were required to include inside wiring maintenance revenues as part of local exchange revenues. In 1998, filers were instructed to report these revenues as non-telecommunications service revenues. The local exchange service revenue data in Table 2 would show a greater increase from 1997 to 1998 if the same reporting instructions had been used for each year.

Table 3 provides historic revenues for several classes of filers. Changes in reporting are relatively unimportant for toll carriers and for local service competitors. As explained above, however, the 1996 data contain about \$10.5 billion of non-telecommunications revenues, almost all of which were reported by incumbent local exchange carriers (ILECs) and wireless carriers. The local exchange service revenue data in Table 3 would show a greater increase from 1997 to 1998 if the same reporting instructions for inside wiring maintenance revenues had been used for each year.

Revenue data for individual filers are not available to the public. However, Tables 5 through 8 present detailed industry roll-ups by types of revenues and by types of filers. Table 5 provides a detailed breakout for each of the Form 499-A revenue categories used to report services provided to other filers for resale. Table 6 provides a detailed breakdown for each of the revenue categories used to report telecommunications service provided to end users. Table 7 combines data from Tables 5 and 6 with data on non-telecommunications revenues to develop total industry revenue data. Table 8 provides less detailed information, but for a greater breakdown by types of filers. The revenue categories presented in Tables 5 through 7 are explained in the Form 499-A filing instructions, which can be found on the FCC's website. ( <http://www.fcc.gov/formpage.html> )

Table 9 shows the staff estimate that end users were billed 14 cents for each minute of interstate and international toll calling made during 1999. The table also shows that the average price was 11 cents for each domestic interstate minute. These estimates and year-over-year changes in these estimates should be treated with great caution for a number of reasons. The greatest uncertainty in estimating billed revenues per minute stems from the use of terminating access minutes as a measure of billed conversation minutes. Subscriber toll-free calls that terminate on dedicated access lines and some other classes of calls generate access minutes that are billed as terminating minutes only. This is why terminating minutes represent the closest approximation of conversation minutes. Some calls, however, generate originating access minutes only or bypass ILEC switched facilities on both ends and, as a result, do not generate any access minutes. Some subscriber toll-free calls, on the other hand, do not terminate on dedicated access lines and therefore may generate two terminating access minutes per conversation minute. Also, some Internet Protocol (IP) telephone service providers are able to terminate calls on ILEC networks without paying traditional interstate access charges.

One additional reason that some conversation minutes do not result in ILEC access minutes is that an increasing share of toll minutes is terminated by competitive local exchange carriers. These carriers do not report access minutes. Table 9 presents conservative estimates of these minutes based on competing local exchange carrier shares of local service revenues. These figures are used to adjust terminating access minutes.

Table 9 also adjusts terminating access minute totals to better reflect international traffic. International settlement minutes are reported based on the billing status of calls rather than where the calls actually originate. Thus, some U.S. billed calls actually originate in foreign points and vice versa. However, most U.S. billed calls originate in the United States and generate originating but not terminating access minutes. In order to get terminating access minutes to better represent conversation minutes, these minutes are added to the reported totals for terminating access minutes. Similarly, foreign billed minutes, which usually generate terminating access, are removed from the terminating access minute total.

One category of U.S. billed calls merits special treatment. Country direct and country beyond calls are calls placed from foreign points where the callers place the calls directly with U.S. carriers. Country direct calls generally originate overseas and terminate in the United States. These calls are billed by U.S. carriers, generate settlement payments to foreign carriers, and are reported in Section 43.61 traffic data reports as U.S. billed calls. Country beyond calls are similar, but both originate and terminate in foreign points. Country direct calls result in terminating access minutes. Country beyond calls generally do not result in LEC access minutes. International carriers began filing separate data for these calls in their Section 43.61 traffic data reports in 1995. However, these data do not separate country direct from country beyond calls. This is not a problem for separating originating access minutes between interstate and international calls, since neither country direct nor country beyond calls result in appreciable originating access minutes. In estimating interstate terminating access minutes, we chose to subtract country direct and country beyond minutes. This means that the interstate terminating minutes total, which is used to represent interstate conversation minutes, is biased low. We did not include country direct and country beyond minutes with international conversation minutes because country beyond revenues are reported separately as international-to-international service revenues on the Form 499-A, and, therefore are subtracted in calculating international revenue per minute. Country direct revenues, however, remain in the revenue base but the corresponding minutes have been removed from the estimate of international conversation minutes. This bias may be offset by the fact that many international-to-international calls generate U.S. billed settlement minutes and are counted as conversation minutes.

End-user switched toll revenue data also are problematic. Through 1996, the figures shown are based on TRS gross revenue data. In order to translate reported gross revenues to end-user revenues, 80% of revenues reported by toll resellers were netted from the total. A second problem is that in some years, filers classified substantial amounts of switched service revenues as (non-switched) "other toll". While significant effort has been devoted to identifying and reclassifying these amounts, the "other toll" category shows a \$1.3 billion drop from 1997 to 1998, which suggests that the 1997 figure may still contain significant amounts of misreported switched service revenues.

Starting in 1998, many toll carriers used fixed monthly charges to recover account maintenance, ILEC presubscribed interexchange carrier charges (PICCs) and both federal and state universal service contributions. Some toll carriers reported some of these surcharges as local service tariffed PICC charges. An attempt was made to identify these amounts and include them with switched toll revenues. Some filers bill customers percentage surcharges identified as recovering universal service contributions. While filers must separately identify the universal service surcharges on their universal service worksheets, it is not possible to identify a precise amount that is attributable to interstate toll service. The Table 9 adjustments to reflect both PICC and universal service costs and end-user charges should be taken as approximate.

Table 9 also shows a number of assumptions that were made in order to separate international revenue data from interstate revenue data. Filers did not separately report



end-user revenues for international services for years before 1999. For 1999, it appears that many Form 499-A filings understate international revenues and overstate interstate revenues. This could happen if, for example, a filer split revenues between interstate and international service based on a ratio of interstate to international minutes, rather than on actual billings. This type of problem would not reduce contribution requirements for the filer but does make the breakout shown in Table 6 somewhat suspect. Based on staff analysis of the Form 499-A data, a simple methodology is used to convert 43.61 international traffic revenue data into estimates of international end-user revenues for message telephone service. The same methodology is used for all years.

While the FCC does collect detailed international traffic data, there is no clean match between categories of minutes actually reported and the international service end-user revenue data presented in Table 9. The amounts of international-to-international revenues are estimated for 1996 and earlier. Also, an increasing amount of international traffic is being carried on resold private lines and via other new arrangements. It seems likely that much of this traffic is not being properly reported in traffic data reports. Finally, the international revenue and minute data shown for 1999 are based on preliminary data. Carriers will file corrected international traffic data on October 31, 2000. For all of these reasons, the breakout between interstate revenue-per-minute and international revenue per-minute is likely to be significantly less accurate than the combined estimate.

Table 10 presents information on access and universal service costs as a component of toll pricing. The table uses the same minutes information as Table 9 and therefore has the attendant uncertainties. The analysis also uses international settlement payment data which, while relatively good, include settlements associated with international-to-international traffic. The analysis does not account for special access payments from toll carriers to local exchange carriers. In some cases toll carriers recover the cost of these services through charges that are reported as switched toll revenues and are therefore reflected in the per-minute revenue estimates.

Overall, the table shows that from 1992 through 1999 interstate and international toll rates fell about two cents per minute more than did the access, universal services and international settlement costs per minute.

The Form 499-A collects a very limited amount of information showing revenue breakouts by region of the country. Table 11 shows total end-user revenues by region for local, toll, and wireless filers.

The universal service, Telecommunications Relay Service, North American Numbering Plan Administration and local number portability rules prohibit the fund administrators from releasing information contained in the Form 499-A worksheets. Worksheet revenue data for individual filers are not available to the public.

**Table 1**  
**Total Telecommunications Industry Revenues: 1999 \***  
**Reported on FCC Form 499-A Telecommunications Reporting Worksheets**  
(Amounts Shown in Millions)

	Carrier's Carrier Revenues **	End-User Revenues **	Total
Local Service	\$33,156	\$78,608	\$111,764
Wireless Service	4,652	43,843	48,495
Toll Service	14,934	93,311	108,246
<b>Total</b>	<b>52,742</b>	<b>215,763</b>	<b>268,505</b>
Service Reported as:			
Intrastate	22,293	134,919	157,212
Interstate and International ***	30,449	80,844	111,293
<b>Total</b>	<b>\$52,742</b>	<b>\$215,763</b>	<b>\$268,505</b>

Note: Detail may not add to totals due to rounding.

- \* Data include revenues for de minimis filers as well as for other carriers who are exempt from universal service contribution requirements.
- \*\* Carrier's carrier revenue is reported on the Form 499-A as sales to other universal service contributors for resale. This includes, for example, access services that local exchange carriers provide to toll carriers. Sales to de minimis carriers, customers, governments, non-profits and any other non-contributors are treated as end-user revenue. Filers contribute to the universal service funding mechanisms based on their end-user revenues.
- \*\*\* Revenues from calls that both originate and terminate in foreign points are reported as end-user revenue, but are not included in the universal service contribution base. Tables 5 through 8 show breakouts between interstate and international revenues based on Form 499-A filings. CFR §43.61 international traffic data reports appear to provide more reliable data for international revenues but do not provide the type of breakouts found herein.

**Table 2**  
**Telecommunications Industry Revenues by Service**  
(Amounts Shown in Millions)

	TRS Data					Universal Service & TRS Data		Form 499-A Data
	1992	1993	1994	1995	1996	1997	1998	1999
Local Exchange	\$39,235	\$40,176	\$42,245	\$45,194	\$48,717	\$53,771	\$59,245	\$62,840
Pay Telephone *						2,182	2,536	2,218
Local Private Line **	1,049	1,088	1,138	1,226	1,616	8,282	10,403	12,914
Other Local ***	7,687	8,002	8,302	10,428	10,543	2,847	2,179	4,601
Subscriber Line Charges **						8,327	11,052	10,826
Access **	29,353	30,832	32,759	33,911	35,641	21,423	18,449	18,105
Universal Service Surcharges on Local Service Bills ****							103	260
Additional Revenues From TRS Worksheets						595	595	
<b>Total Local Service</b>	<b>77,324</b>	<b>80,098</b>	<b>84,443</b>	<b>90,759</b>	<b>96,516</b>	<b>97,426</b>	<b>104,563</b>	<b>111,764</b>
Wireless Service	7,285	10,237	14,293	18,759	26,049	32,760	36,240	48,117
Universal Service Surcharges on Wireless Service Bills ****							345	379
Additional Revenues From TRS Worksheets						189	189	
<b>Total Wireless Service</b>	<b>7,285</b>	<b>10,237</b>	<b>14,293</b>	<b>18,759</b>	<b>26,049</b>	<b>32,950</b>	<b>36,775</b>	<b>48,495</b>
Operator *	9,465	10,772	10,539	11,170	10,975	12,002	12,205	10,049
Non-Operator Switched Toll	54,448	60,591	61,468	65,217	73,751	72,059	74,168	78,389
Long Distance Private Line	7,783	8,067	9,043	9,719	10,665	10,504	11,952	13,169
Other Long Distance	4,048	3,095	3,428	3,523	4,299	4,695	3,386	3,656
Universal Service Surcharges on Toll Service Bills ****							1,810	2,983
Additional Revenues From TRS Worksheets						1,532	1,532	
<b>Total Toll Service</b>	<b>75,744</b>	<b>82,525</b>	<b>84,478</b>	<b>89,629</b>	<b>99,691</b>	<b>100,793</b>	<b>105,055</b>	<b>108,246</b>
Non-Telecommunications Formerly Reported as Other Local and Wireless ***	(6,944)	(7,518)	(8,324)	(9,071)	(10,474)			
<b>Total Telecommunications ***</b>	<b>153,409</b>	<b>165,342</b>	<b>174,890</b>	<b>190,076</b>	<b>211,782</b>	<b>231,168</b>	<b>246,392</b>	<b>268,505</b>
Non-Telecommunications ***	6,944	7,518	8,324	9,071	10,474	25,633	27,944	33,144
<b>Total Reported Revenues</b>	<b>160,353</b>	<b>172,860</b>	<b>183,214</b>	<b>199,147</b>	<b>222,256</b>	<b>256,801</b>	<b>272,019</b>	<b>301,648</b>
Service Reported as:								
Intrastate ***	82,379	89,409	94,278	103,852	117,375	133,654	142,108	157,212
Interstate and International	71,030	75,933	80,611	86,224	94,407	97,514	104,284	111,293
<b>Total Telecommunications ***</b>	<b>\$153,409</b>	<b>\$165,342</b>	<b>\$174,890</b>	<b>\$190,076</b>	<b>\$211,782</b>	<b>\$231,168</b>	<b>\$246,392</b>	<b>\$268,505</b>

Note: Data for 1992 through 1996 summarized from FCC Form 431 TRS Worksheets. Data for 1997 and 1998 primarily based on FCC Form 457 Universal Service Worksheets, with data from 1997 TRS Worksheets used for service providers not required to file a Universal Service Worksheet. Data for 1999 summarized from FCC Form 499-A Telecommunications Reporting Worksheets, which replaced both the Form 431 and the Form 457. Some data for prior years have been revised. Detail may not add to totals due to rounding.

\* TRS filers generally reported pay telephone revenue as local service revenue, access revenue or operator toll revenue. The Universal Service and Form 499-A worksheets contain a separate category for payphone coin revenue. Starting in 1997, payphone revenue includes payphone compensation received from toll carriers.

\*\* TRS Worksheet filers generally reported special access revenue as access revenue. Reporting changes implemented with the Universal Service Worksheet explain the increase in local private line revenue and the fall in access revenue shown for 1997. TRS Worksheet filers included subscriber line charges with other access charges. Universal Service Worksheet filers report subscriber line charges in a separate category. The increase from 1997 to 1998 represents PICC charges levied by ILECs as well as \$1.2 billion of PICC pass-through charges levied by toll carriers.

\*\*\* Significant amounts of enhanced service, billing and collection, CPE and other non-telecommunications revenues were reported in the TRS mobile and other local service categories through 1996. Universal Service Worksheet filers report these revenues in the non-telecommunications category. For prior years, the amounts of non-telecommunications revenue reported as mobile and other local revenue were estimated as 70% of the amounts that Tier 1 ILECs reported in ARMIS as miscellaneous and nonregulated revenues (currently account 5200 + account 5280) and 10% of amounts reported as mobile service revenue.

\*\*\*\* Charges on end-user bills identified as recovering state or federal universal service contributions are reported separately from local, wireless and toll revenue. Reported amounts are apportioned between local, wireless and toll service based on the proportions of local, wireless and toll intrastate and interstate revenue by type of carrier.

**Table 3**  
**Telecommunications Revenues Reported by Type of Carrier**  
(Amounts Shown in Millions)

Service Provider Category *	TRS Worksheet Data					Universal Service & TRS Data		Form 499-A Data
	1992	1993	1994	1995	1996	1997	1998	1999
Incumbent Local Exchange Carriers **	\$91,584	\$95,228	\$98,431	\$102,820	\$107,905	\$105,154	\$108,234	\$112,216
Competitive Access Providers (CAPs) and Competitive Local Exchange Carriers (CLECs)	69	191	281	623	1,011	1,919	3,348	5,652
Local Resellers						206	410	511
Other Local Exchange Carriers						157	36	171
Private Carriers						112	147	87
Shared-Tenant Service Providers						87	93	87
Competitors of ILECs	69	191	281	623	1,011	2,481	4,034	6,508
Fixed Local Service Providers	91,835	95,595	99,011	103,792	109,273	107,634	112,268	118,725
Payphone Providers	183	175	300	349	357	933	1,101	1,213
Wireless Telephony Including Cellular, Personal Communications Service (PCS) and SMR Telephony Carriers**	6,718	9,215	13,259	17,208	23,778	29,944	33,139	46,513
Paging & Messaging Service**						2,861	3,161	3,232
Specialized Mobile Radio (SMR) Dispatch								186
Wireless Data Service Providers								63
Other Mobile Service Providers	670	964	938	1,419	2,121	225	731	159
Wireless Service Providers	7,387	10,179	14,197	18,627	25,900	33,030	37,032	50,152
Interexchange Carriers (IXCs)	57,341	61,118	66,381	70,938	79,057	79,080	83,443	87,570
Operator Service Providers (OSPs)	558	695	536	500	461	603	590	337
Pre-paid Calling Card Providers				16	238	519	888	866
Satellite Service Carriers						1,011	475	280
Toll Resellers	1,293	1,869	2,840	4,220	6,564	8,010	9,885	9,211
Other Toll Carriers	2,186	711	709	773	577	348	710	150
Toll Service Providers	61,378	64,393	70,466	76,447	86,896	89,570	95,992	98,414
Non-Telecommunications Revenue in Prior Year Data **	(6,944)	(7,518)	(8,324)	(9,071)	(10,474)			
Other Adjustments ***	(248)	2,693	(461)	280	187	0	0	0
<b>Total Telecommunications Revenues</b>	<b>\$153,409</b>	<b>\$165,342</b>	<b>\$174,890</b>	<b>\$190,076</b>	<b>\$211,782</b>	<b>\$231,168</b>	<b>\$246,392</b>	<b>\$268,505</b>

\* Filers are asked to select for themselves a service provider category that best describes their operations. The choices have changed over the years. For example, most satellite service providers identified themselves as other toll carriers in their 1997 TRS worksheets because there was no separate category for satellite service providers.

\*\* Significant amounts of enhanced service, billing and collection, CPE and other non-telecommunications revenues were reported on TRS worksheets by incumbent local exchange carriers (ILECs) and wireless carriers through 1996. Universal Service Worksheet filers report these revenues in the non-telecommunications category. For prior years, the amounts of non-telecommunications revenue reported as mobile and other local revenue were estimated as 70% of the amounts that Tier 1 ILECs reported in ARMIS as miscellaneous and nonregulated revenues (currently account 5200 + account 5280) and 10% of amounts reported as mobile service revenue.

\*\*\* Other adjustments include some amounts withheld to preserve confidentiality and revisions made after the initial publication of the data.

**Table 4**  
**Contribution Base\* Revenues By Program: 1999**  
(Amounts Shown in Millions)

	1999
<b>Revenues subject to universal service contribution</b>	
Interstate and international end-user revenue	\$80,844
less revenue for international - to - international service	983
less international revenue excluded where interstate toll represents less than 8% combined interstate and international revenue	333
less interstate and international revenue for 2,708 filers who are de minimis or otherwise exempt <u>from universal service support requirements</u>	<u>143</u>
equals	79,385
<b>Revenues subject to TRS contribution</b>	
Interstate and international end-user revenues	80,844
less interstate and international revenues for 160 filers who claim to be exempt from interstate telecommunications relay service (TRS) contribution requirements	98
less interstate and international revenues for service provided for resale but reported as end user because it was provided to carriers that do not contribute to universal service support <u>mechanisms</u>	<u>55</u>
equals	80,691
<b>Revenues subject to NANPA contribution</b>	
Total telecommunications service end-user revenues (including intrastate, interstate and international)	215,763
less telecommunications revenues for 538 filers who claim to be exempt from North American Numbering Plan Administration (NANPA) contribution requirements	766
less telecommunications revenues for service provided for resale but reported as end user because it <u>was provided to carriers that do not contribute to universal service support mechanisms</u>	<u>166</u>
equals	214,831
<b>Revenues subject to LNP contribution</b>	
Total telecommunications service end-user revenues (including intrastate, interstate and international)	215,763
less telecommunications revenues for 537 filers who claim to be exempt from local number portability administration (LNP) contribution requirements	762
less telecommunications revenues for service provided for resale but reported as end user because it <u>was provided to carriers that do not contribute to universal service support mechanisms</u>	<u>166</u>
equals	\$214,835

\* This table shows how contribution bases differ for different programs and provides relative magnitudes, but does not provide the actual amounts used for determining contribution amounts. Amounts shown represent the amounts contained in the Form 499-A database at a point in time. The universal service administrator continues to receive additional and corrected filings. Exempt amounts were based on the filer certification statement contained in the Form 499-A filings. The fund administrators use carrier type, revenue type and additional information requested from filers to review exemption claims (and in some instances, failure to make claims.) The universal service fund administrator bills delinquent filers based on estimated revenue and therefore can include estimated revenue amounts in contribution base amounts. As a result of these factors, actual contribution bases have been based on slightly different amounts than those shown. Note also that universal service contribution factors are set quarterly. Factors for the first and second calendar quarters are based on revenues reported for the first half of the prior calendar year. Factors for the third and fourth quarter are based on revenues reported for the second half of the prior calendar year. Local number portability contribution amounts are determined by region of the country rather than on a nationwide basis.

**Table 5**  
**Revenues from Telecommunications Service Provided for Resale\*\*: 1999**  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	Regional Bell Operating Company Incumbent Local Exchange Carriers				Other Incumbent Local Exchange Carriers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<u>Fixed local service</u>								
303 Monthly service, local calling, connection charges, vertical features, and other local exchange service including subscriber line and PICC charges to IXCs								
a Provided as unbundled network elements	\$263	\$409		\$672	\$30	\$6	*	\$35
b Provided under other arrangements	1,319	970		2,289	241	521	*	762
Total line 303	1,582	1,380		2,961	270	527	*	797
304 Per-minute charges for originating or terminating calls								
a Provided under state or federal access tariff	2,742	4,011		6,753	3,289	2,787	6	6,081
b Provided as unbundled network elements or other contract arrangement	1,404	1,637		3,041	783	454	*	1,237
Total line 304	4,146	5,648		9,793	4,071	3,241	6	7,318
305 Local private line & special access	368	4,866		5,235	316	1,148	*	1,463
306 Payphone compensation from toll carriers	212	*		212	11	6	*	17
307 Other local telecommunications service revenues	492	72		563	49	10		60
308 Universal service support revenue received from federal or state sources	250	186		435	362	957	1	1,320
Total fixed local service provided for resale	7,049	12,151		19,200	5,080	5,888	7	10,975
<u>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</u>								
309 Monthly, activation, and message charges except toll	55			55	3	4		7
Total mobile service provided for resale	55			55	3	4		7
<u>Toll service</u>								
310 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.)	*	*		*	5	*	*	5
311 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and switched services not reported above)	71	2		73	38	7	*	46
312 Long distance private line services	18			18	7	2		9
313 Satellite services					*			*
314 All other long distance services	20	2		23	8	1	*	9
Total toll service provided for resale	109	4		114	59	10	*	69
Total service provided for resale (carrier's carrier)	\$7,213	\$12,155		\$19,368	\$5,142	\$5,902	\$7	\$11,051

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes service provided to other contributors to federal universal service support mechanisms. Excludes service provided to firms that are de minimis or otherwise exempt from federal universal service support mechanisms.

**Table 5**  
**Revenues from Telecommunications Service Provided for Resale\*\*: 1999**

Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	CLECS and Other Fixed Local Competitors				Payphone Providers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<u>Fixed local service</u>								
303 Monthly service, local calling, connection charges, vertical features, and other local exchange service including subscriber line and PICC charges to IXCs								
a Provided as unbundled network elements	\$68	\$4	*	\$72				
b Provided under other arrangements	265	77		343				
Total line 303	333	81	*	414				
304 Per-minute charges for originating or terminating calls								
a Provided under state or federal access tariff	294	172	1	466				
b Provided as unbundled network elements or other contract arrangement	332	41	*	374				
Total line 304	626	213	1	840				
305 Local private line & special access	429	229	*	658	*	2	*	2
306 Payphone compensation from toll carriers	10	2	*	13	228	77	4	309
307 Other local telecommunications service revenues	60	66		126	14	2	*	16
308 Universal service support revenue received from federal or state sources	5	2		7	*	*		*
Total fixed local service provided for resale	1,464	594	1	2,058	243	80	4	327
<u>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</u>								
309 Monthly, activation, and message charges except toll	1	*		1	1	*		2
Total mobile service provided for resale	1	*		1	1	*		2
<u>Toll service</u>								
310 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.)	36	*	*	36	1	1	*	2
311 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and switched services not reported above)	20	27	3	51	*	*	*	*
312 Long distance private line services	39	43	1	84	*	*		*
313 Satellite services	*	4	2	6				
314 All other long distance services	1	1		3	*	*	*	*
Total toll service provided for resale	97	76	6	180	2	1	*	2
Total service provided for resale (carrier's carrier)	\$1,561	\$670	\$7	\$2,238	\$245	\$81	\$4	\$331

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes service provided to other contributors to federal universal service support mechanisms. Excludes service provided to firms that are de minimis or otherwise exempt from federal universal service support mechanisms.

**Table 5**  
**Revenues from Telecommunications Service Provided for Resale\*\*: 1999**

Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A  Line	Cellular, PCS and SMR Wireless Telephony				Other Wireless			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<u>Fixed local service</u>								
303 Monthly service, local calling, connection charges, vertical features, and other local exchange service including subscriber line and PICC charges to IXCs								
a Provided as unbundled network elements	\$34	*	*	\$34				
b Provided under other arrangements	10	1	*	11	*	*		*
Total line 303	44	1	*	45	*	*		*
304 Per-minute charges for originating or terminating calls								
a Provided under state or federal access tariff	4	*	*	4	*	*		*
b Provided as unbundled network elements or other contract arrangement	18	*		18	1	*		2
Total line 304	22	*	*	22	2	*		2
305 Local private line & special access	*			*	*			*
306 Payphone compensation from toll carriers	1			1	*	*		*
307 Other local telecommunications service revenues	*			*				
308 Universal service support revenue received from federal or state sources	173	1		174				
Total fixed local service provided for resale	240	3	*	243	2	*		2
<u>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</u>								
309 Monthly, activation, and message charges except toll	3,735	218	8	3,961	491	99	*	590
Total mobile service provided for resale	3,735	218	8	3,961	491	99	*	590
<u>Toll service</u>								
310 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.)	1	*	*	1				
311 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and switched services not reported above)	263	267	6	536	*	*	*	1
312 Long distance private line services	1	1	*	2	*	*		*
313 Satellite services					*	*		*
314 All other long distance services	9	4		13				
Total toll service provided for resale	273	272	6	552	*	*	*	1
Total service provided for resale (carrier's carrier)	\$4,248	\$493	\$14	\$4,755	\$493	\$99	*	\$593

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes service provided to other contributors to federal universal service support mechanisms. Excludes service provided to firms that are de minimis or otherwise exempt from federal universal service support mechanisms.



**Table 5**  
**Revenues from Telecommunications Service Provided for Resale\*\*: 1999**

Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A  Line	Toll Carriers				Total All Filers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<u>Fixed local service</u>								
303 Monthly service, local calling, connection charges, vertical features, and other local exchange service including subscriber line and PICC charges to IXCs								
a Provided as unbundled network elements	\$4	*	*	\$4	\$398	\$419	\$1	\$818
b Provided under other arrangements	143	3	*	146	1,978	1,572	*	3,551
Total line 303	147	3	*	150	2,376	1,992	1	4,368
304 Per-minute charges for originating or terminating calls								
a Provided under state or federal access tariff	62	30	2	94	6,391	7,000	8	13,399
b Provided as unbundled network elements or other contract arrangement	26	9	*	35	2,564	2,142	*	4,706
Total line 304	88	39	2	129	8,955	9,141	9	18,105
305 Local private line & special access	18	36	*	54	1,132	6,281	*	7,412
306 Payphone compensation from toll carriers	2	*	*	2	464	85	4	554
307 Other local telecommunications service revenues	5	1	*	6	620	151	*	771
308 Universal service support revenue received from federal or state sources	10	*	*	10	800	1,146	1	1,946
Total fixed local service provided for resale	269	80	2	352	14,346	18,795	15	33,156
<u>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</u>								
309 Monthly, activation, and message charges except toll	37	*	*	37	4,323	321	8	4,652
Total mobile service provided for resale	37	*	*	37	4,323	321	8	4,652
<u>Toll service</u>								
310 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.)	73	143	36	252	116	145	36	296
311 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and switched services not reported above)	2,012	3,448	3,946	9,407	2,406	3,751	3,956	10,112
312 Long distance private line services	519	1,401	162	2,082	585	1,447	163	2,195
313 Satellite services	3	27	6	36	3	31	8	42
314 All other long distance services	476	859	907	2,242	515	867	907	2,289
Total toll service provided for resale	3,083	5,878	5,057	14,018	3,624	6,241	5,069	14,934
Total service provided for resale (carrier's carrier)	\$3,390	\$5,958	\$5,059	\$14,406	\$22,293	\$25,357	\$5,092	\$52,742

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes service provided to other contributors to federal universal service support mechanisms. Excludes service provided to firms that are de minimis or otherwise exempt from federal universal service support mechanisms.

**Table 6**  
**Revenues from Telecommunications Service Provided to End Users: 1999**  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	Regional Bell Operating Company Incumbent Local Exchange Carriers				Other Incumbent Local Exchange Carriers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<i>Fixed local service</i>								
404 Monthly service, local calling, connection charges, vertical features, and other local exchange service charges except for federally tariffed subscriber line charges and PICC charges	\$41,852	\$6		\$41,858	\$11,897	\$15	*	\$11,913
405 Tariffed subscriber line charges and PICC charges levied by a local exchange carrier on a no-PIC customer	145	8,141		8,285	103	2,263	*	2,366
Total local exchange (line 404 + line 405)	41,996	8,147		50,143	12,001	2,278	*	14,279
406 Local private line and special access service	2,152	1,546		3,699	524	120	*	643
407 Payphone coin revenues	713	1		713	290	1	*	290
408 Other local telecommunications service revenues	3,508	62		3,570	155	19	*	174
Line 403 surcharges on fixed local service **	119	68		187	30	*		30
Total fixed local service provided to end users	48,488	9,824		58,312	12,998	2,418	*	15,416
<i>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</i>								
409 Monthly and activation charges	50			50	87	1		88
410 Message charges including roaming, but excluding toll charges	61			61	6	1		7
Line 403 surcharges on mobile service **					*			*
Total mobile service provided to end users	111			111	93	2		95
<i>Toll service</i>								
411 Prepaid calling card (including card sales to customers and non-carrier distributors) reported at face value of cards	18			18	1	1	*	2
412 International calls that both originate and terminate in foreign points							*	*
413 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.) other than revenue reported on Line 412	313	4		318	36	6	*	42
414 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and other switched services not reported above)	4,863	188		5,051	1,180	76	*	1,256
415 Long distance private line services	888	11		899	140	2		142
416 Satellite services					*			*
417 All other long distance services	51	1		52	47	6	*	53
Line 403 surcharges on toll service **	13	3		16	15	*		15
Total toll service provided to end users	6,146	208		6,353	1,419	91	*	1,511
Total telecommunications service provided to end users	\$54,745	\$10,031		\$64,776	\$14,510	\$2,511	\$1	\$17,021

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 6**  
**Revenues from Telecommunications Service Provided to End Users: 1999**

Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	CLECS and Other Fixed Local Competitors				Payphone Providers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<i>Fixed local service</i>								
404 Monthly service, local calling, connection charges, vertical features, and other local exchange service charges except for federally tariffed subscriber line charges and PICC charges	\$1,536	\$96	\$1	\$1,632	*			*
405 Tariffed subscriber line charges and PICC charges levied by a local exchange carrier on a no-PIC customer	9	121	2	133				
Total local exchange (line 404 + line 405)	1,545	217	3	1,765	*			*
406 Local private line and special access service	777	350	*	1,127	16	1	*	16
407 Payphone coin revenues	36	2	*	38	511	23	*	535
408 Other local telecommunications service revenues	61	4	*	65	10	1	*	11
Line 403 surcharges on fixed local service **	11	15	*	26	*	*		*
Total fixed local service provided to end users	2,429	588	4	3,021	537	25	*	562
<i>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</i>								
409 Monthly and activation charges	12	1	*	13	1	*		1
410 Message charges including roaming, but excluding toll charges	5	*		5	*	*		*
Line 403 surcharges on mobile service **	*	*		*	1	*		2
Total mobile service provided to end users	17	1	*	18	3	*		3
<i>Toll service</i>								
411 Prepaid calling card (including card sales to customers and non-carrier distributors) reported at face value of cards	*	*	*	1	6	10	1	17
412 International calls that both originate and terminate in foreign points			34	34				
413 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.) other than revenue reported on Line 412	27	82	5	114	243	55	*	298
414 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and other switched services not reported above)	271	511	54	836	1	1	*	2
415 Long distance private line services	47	136	4	187	*	*		*
416 Satellite services	6	14	14	34				
417 All other long distance services	4	5	*	9	*	*	*	*
Line 403 surcharges on toll service **	6	11	1	18	1	1	*	1
Total toll service provided to end users	362	759	112	1,232	251	66	1	319
Total telecommunications service provided to end users	\$2,807	\$1,348	\$115	\$4,270	\$790	\$91	\$2	\$883

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 6**  
**Revenues from Telecommunications Service Provided to End Users: 1999**

Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	Cellular, PCS and SMR Wireless Telephony				Other Wireless			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<i>Fixed local service</i>								
404 Monthly service, local calling, connection charges, vertical features, and other local exchange service charges except for federally tariffed subscriber line charges and PICC charges	\$55	\$2		\$57	\$2	*		\$2
405 Tariffed subscriber line charges and PICC charges levied by a local exchange carrier on a no-PIC customer		1		1		*		*
Total local exchange (line 404 + line 405)	55	3		58	2	*		3
406 Local private line and special access service	*			*	*			*
407 Payphone coin revenues	*	*		*	*	*		*
408 Other local telecommunications service revenues	2	*		2	2	1		3
Line 403 surcharges on fixed local service **	*	*		*	*			*
Total fixed local service provided to end users	58	3		61	5	1		5
<i>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</i>								
409 Monthly and activation charges	20,299	2,002	33	22,333	2,347	313	7	2,667
410 Message charges including roaming, but excluding toll charges	15,332	1,920	33	17,285	182	109	5	297
Line 403 surcharges on mobile service **	230	87	*	318	31	17	*	48
Total mobile service provided to end users	35,860	4,009	66	39,936	2,560	440	12	3,012
<i>Toll service</i>								
411 Prepaid calling card (including card sales to customers and non-carrier distributors) reported at face value of cards	84	11	*	95	*	*	*	*
412 International calls that both originate and terminate in foreign points			5	5			1	1
413 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.) other than revenue reported on Line 412	15	1	2	18	*	3		3
414 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and other switched services not reported above)	883	641	10	1,534	13	7	*	21
415 Long distance private line services	11	15	2	28	1	*		1
416 Satellite services					1	2		3
417 All other long distance services	6	5	*	11	*	*	*	*
Line 403 surcharges on toll service **	7	63	*	70	*	1	*	1
Total toll service provided to end users	1,005	737	19	1,762	15	13	1	29
Total telecommunications service provided to end users	\$36,923	\$4,750	\$85	\$41,758	\$2,579	\$454	\$14	\$3,046

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 6**  
**Revenues from Telecommunications Service Provided to End Users: 1999**

Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A  Line	Toll Carriers				Total All Filers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
<i>Fixed local service</i>								
404 Monthly service, local calling, connection charges, vertical features, and other local exchange service charges except for federally tariffed subscriber line charges and PICC charges	\$1,050	\$12	\$2	\$1,064	\$56,391	\$131	\$3	\$56,526
405 Tariffed subscriber line charges and PICC charges levied by a local exchange carrier on a no-PIC customer	*	41		42	257	10,567	2	10,826
Total local exchange (line 404 + line 405)	1,050	53	2	1,105	56,649	10,698	6	67,353
406 Local private line and special access service	13	3	*	17	3,483	2,019	*	5,502
407 Payphone coin revenues	87	1	1	89	1,636	28	1	1,664
408 Other local telecommunications service revenues	5	1	*	5	3,742	88	*	3,830
Line 403 surcharges on fixed local service **	14	2	*	17	174	86	*	260
Total fixed local service provided to end users	1,169	60	3	1,232	65,683	12,919	7	78,608
<i>Mobile service (including wireless telephony, paging &amp; messaging, and other mobile services)</i>								
409 Monthly and activation charges	373	29	*	402	23,168	2,345	40	25,553
410 Message charges including roaming, but excluding toll charges	236	21	*	257	15,822	2,051	38	17,911
Line 403 surcharges on mobile service **	7	4	*	11	270	108	1	379
Total mobile service provided to end users	616	53	*	669	39,260	4,505	79	43,843
<i>Toll service</i>								
411 Prepaid calling card (including card sales to customers and non-carrier distributors) reported at face value of cards	230	579	534	1,343	339	601	535	1,476
412 International calls that both originate and terminate in foreign points			943	943			983	983
413 Operator and toll calls with alternative billing arrangements (credit card, collect, international call-back, etc.) other than revenue reported on Line 412	2,048	3,385	1,067	6,501	2,683	3,537	1,074	7,295
414 Ordinary long distance (MTS, customer toll-free 800/888/877 service, associated monthly account maintenance, PICC pass-through, and other switched services not reported above)	16,041	33,340	10,197	59,577	23,252	34,764	10,262	68,277
415 Long distance private line services	1,775	7,172	771	9,718	2,862	7,336	777	10,974
416 Satellite services	127	83	20	230	134	100	34	267
417 All other long distance services	221	483	230	933	329	500	230	1,058
Line 403 surcharges on toll service **	338	2,446	78	2,862	379	2,525	79	2,983
Total toll service provided to end users	20,779	47,488	13,839	82,107	29,976	49,362	13,973	93,311
Total telecommunications service provided to end users	\$22,565	\$47,601	\$13,843	\$84,008	\$134,919	\$66,785	\$14,059	\$215,763

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 7**  
**Total Revenues: 1999**  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	Regional Bell Operating Company Incumbent Local Exchange Carriers				Other Incumbent Local Exchange Carriers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
Fixed local service other than payphone [Lines 303, 304, 305, 307, 308, 404, 405, 406, 408, and a portion of 403**]	\$54,612	\$21,974		\$76,586	\$17,777	\$8,299	\$7	\$26,084
Payphone [Lines 306 and 407]	925	1		925	301	7	*	307
Mobile service [Lines 309, 409, 410, and a portion of 403**]	166			166	96	6		102
Toll service [Lines 310, 311, 312, 313, 314, 411, 412, 413, 414, 415, 416, 417, and a portion of 403**]	6,255	212		6,467	1,478	100	1	1,579
<b>Total telecommunications service revenues</b>	<b>61,958</b>	<b>22,186</b>		<b>84,144</b>	<b>19,652</b>	<b>8,412</b>	<b>8</b>	<b>28,072</b>
Total telecommunications service provided for resale (from Table 1.5)	7,213	12,155		19,368	5,142	5,902	7	11,051
Total telecommunications service provided to end users (from Table 1.6)	<u>54,745</u>	<u>10,031</u>		<u>64,776</u>	<u>14,510</u>	<u>2,511</u>	<u>1</u>	<u>17,021</u>
Total telecommunications service revenues	61,958	22,186		84,144	19,652	8,412	8	28,072
418 Enhanced services, inside wiring maintenance, billing and collection, customer premises equipment, published directory, dark fiber, Internet and non-telecommunications service revenues	---	---	---	7,499	---	---	---	4,630
419 Gross billed revenues from all sources	---	---	---	\$91,643	---	---	---	\$32,702

Note: Amounts may not add to totals due to rounding.  
\* Denotes values greater than \$0 but less than \$500,000.  
\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 7**  
**Total Revenues: 1999**  
Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	CLECS and Other Fixed Local Competitors				Payphone Providers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
Fixed local service other than payphone [Lines 303, 304, 305, 307, 308, 404, 405, 406, 408, and a portion of 403**]	\$3,847	\$1,177	\$4	\$5,028	\$40	\$5	*	\$45
Payphone [Lines 306 and 407]	46	5	*	51	739	100	4	843
Mobile service [Lines 309, 409, 410, and a portion of 403**]	18	1	*	18	4	*		4
Toll service [Lines 310, 311, 312, 313, 314, 411, 412, 413, 414, 415, 416, 417, and a portion of 403**]	459	835	118	1,412	252	67	1	321
<b>Total telecommunications service revenues</b>	<b>4,369</b>	<b>2,018</b>	<b>122</b>	<b>6,508</b>	<b>1,035</b>	<b>172</b>	<b>6</b>	<b>1,213</b>
Total telecommunications service provided for resale (from Table 1.5)	1,561	670	7	2,238	245	81	4	331
Total telecommunications service provided to end users (from Table 1.6)	<u>2,807</u>	<u>1,348</u>	<u>115</u>	<u>4,270</u>	<u>790</u>	<u>91</u>	<u>2</u>	<u>883</u>
Total telecommunications service revenues	4,369	2,018	122	6,508	1,035	172	6	1,213
418 Enhanced services, inside wiring maintenance, billing and collection, customer premises equipment, published directory, dark fiber, Internet and non-telecommunications service revenues	---	---	---	1,345	---	---	---	26
419 Gross billed revenues from all sources	---	---	---	\$7,853	---	---	---	\$1,240

Note: Amounts may not add to totals due to rounding.  
\* Denotes values greater than \$0 but less than \$500,000.  
\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 7**  
**Total Revenues: 1999**  
Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	Cellular, PCS and SMR Wireless Telephony				Other Wireless			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
Fixed local service other than payphone [Lines 303, 304, 305, 307, 308, 404, 405, 406, 408, and a portion of 403**]	\$297	\$6	*	\$303	\$6	\$1		\$7
Payphone [Lines 306 and 407]	1	*		1	*	*		*
Mobile service [Lines 309, 409, 410, and a portion of 403**]	39,595	4,227	74	43,896	3,051	538	13	3,602
Toll service [Lines 310, 311, 312, 313, 314, 411, 412, 413, 414, 415, 416, 417, and a portion of 403**]	1,279	1,010	25	2,314	15	14	1	30
<b>Total telecommunications service revenues</b>	<b>41,171</b>	<b>5,243</b>	<b>99</b>	<b>46,513</b>	<b>3,072</b>	<b>553</b>	<b>14</b>	<b>3,639</b>
Total telecommunications service provided for resale (from Table 1.5)	4,248	493	14	4,755	493	99	*	593
Total telecommunications service provided to end users (from Table 1.6)	<u>36,923</u>	<u>4,750</u>	<u>85</u>	<u>41,758</u>	<u>2,579</u>	<u>454</u>	<u>14</u>	<u>3,046</u>
Total telecommunications service revenues	41,171	5,243	99	46,513	3,072	553	14	3,639
418 Enhanced services, inside wiring maintenance, billing and collection, customer premises equipment, published directory, dark fiber, Internet and non-telecommunications service revenues	---	---	---	5,791	---	---	---	2,015
419 Gross billed revenues from all sources	---	---	---	\$52,304	---	---	---	\$5,654

Note: Amounts may not add to totals due to rounding.  
\* Denotes values greater than \$0 but less than \$500,000.  
\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.



**Table 7**  
**Total Revenues: 1999**  
Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A Line	Toll Carriers				Total All Filers			
	Intrastate	Interstate	International	Total	Intrastate	Interstate	International	Total
Fixed local service other than payphone [Lines 303, 304, 305, 307, 308, 404, 405, 406, 408, and a portion of 403**]	\$1,350	\$138	\$5	\$1,493	\$77,928	\$31,601	\$17	\$109,546
Payphone [Lines 306 and 407]	89	1	1	91	2,100	113	5	2,218
Mobile service [Lines 309, 409, 410, and a portion of 403**]	653	53	*	707	43,583	4,825	87	48,495
Toll service [Lines 310, 311, 312, 313, 314, 411, 412, 413, 414, 415, 416, 417, and a portion of 403**]	23,863	53,366	18,896	96,124	33,600	55,603	19,042	108,246
Total telecommunications service revenues	25,954	53,558	18,902	98,414	157,212	92,142	19,151	268,505
Total telecommunications service provided for resale (from Table 1.5)	3,390	5,958	5,059	14,406	22,293	25,357	5,092	52,742
Total telecommunications service provided to end users (from Table 1.6)	<u>22,565</u>	<u>47,601</u>	<u>13,843</u>	<u>84,008</u>	<u>134,919</u>	<u>66,785</u>	<u>14,059</u>	<u>215,763</u>
Total telecommunications service revenues	25,954	53,558	18,902	98,414	157,212	92,142	19,151	268,505
418 Enhanced services, inside wiring maintenance, billing and collection, customer premises equipment, published directory, dark fiber, Internet and non-telecommunications service revenues	---	---	---	11,839	---	---	---	33,144
419 Gross billed revenues from all sources	---	---	---	\$110,253	---	---	---	\$301,648

Note: Amounts may not add to totals due to rounding.  
\* Denotes values greater than \$0 but less than \$500,000.  
\*\* Includes a proportionate share of amounts reported on line 403 as surcharges or other amounts on bills identified as recovering state or federal universal service contributions.

**Table 8**  
**Revenues By Type of Carrier: 1999**  
(Amounts Shown in Millions)

Data from FCC Form 499-A	Telecommunications Service Provided for Resale **				Telecommunications Service Provided to End Users **			
	Fixed Local	Mobile	Toll	Total	Fixed Local	Mobile	Toll	Total
Regional Bell Operating Companies	\$19,200	\$55	\$113	\$19,368	\$58,312	\$111	\$6,353	\$64,776
Other Incumbent Local Exchange Carriers (ILECs)	<u>10,975</u>	<u>7</u>	<u>69</u>	<u>11,051</u>	<u>15,416</u>	<u>95</u>	<u>1,511</u>	<u>17,021</u>
Total ILECs	30,175	62	182	30,419	73,728	206	7,864	81,797
Competitive Access Providers (CAPs) and Competitive Local Exchange Carriers (CLECs)	1,956		125	2,081	2,600	8	964	3,571
Local Resellers	45		9	54	351	5	101	457
Private Service Providers	9	*	28	36	16	5	115	135
Shared-Tenant Service Providers	*			*	44		42	87
Other Local Service Providers	<u>48</u>	<u>1</u>	<u>18</u>	<u>67</u>	<u>10</u>	<u>*</u>	<u>10</u>	<u>20</u>
Total Local Competitors	2,058	1	179	2,238	3,021	18	1,232	4,270
Fixed Local Service Providers	32,233	63	362	32,657	76,748	223	9,096	86,067
Payphone Service Providers	327	2	2	331	562	3	318	883
Wireless Telephony Including Cellular, Personal Communications Service (PCS) and SMR Telephony Carriers	243	3,961	552	4,755	61	39,936	1,761	41,758
Paging & Messaging Service Providers	2	575	1	577	5	2,636	15	2,655
Specialized Mobile Radio (SMR) Dispatch	*	*	*	*	*	184	1	185
Wireless Data and Other Mobile Service Providers		15	*	15	*	192	14	206
Wireless Service Providers	245	4,551	553	5,348	66	42,947	1,791	44,804
Interexchange Carriers (IXCs)	304	*	11,497	11,801	1,033	339	74,398	75,769
Operator Service Providers (OSPs)	9		9	19	5		313	318
Pre-paid Calling Card Providers	1		108	109	1		756	757
Satellite			19	19		*	261	261
Toll Reseller	17	37	2,289	2,344	192	330	6,345	6,868
Other Toll Carriers	20	*	95	115	2	*	33	35
Toll Service Providers	352	37	14,017	14,406	1,232	669	82,106	84,008
All Filers	\$33,156	\$4,652	\$14,934	\$52,742	\$78,608	\$43,843	\$93,311	\$215,763

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Telecommunications service provided for resale consists of service provided to other contributors to federal universal service support mechanisms. Service provided to firms that are de minimis under or exempt from federal universal service support mechanisms are reported as end-user service.

**Table 8**  
**Revenues By Type of Carrier: 1999**  
Continued  
(Amounts Shown in Millions)

Data from FCC Form 499-A	Potential Universal Service Contribution Base ***	Telecommunications Service Revenue					Other Revenue ****	Total
		Intrastate	Interstate	International to International	Other International	Total		
Regional Bell Operating Companies	\$10,031	\$61,958	\$22,186			\$84,144	\$7,499	\$91,643
Other Incumbent Local Exchange Carriers (ILECs)	2,511	19,652	8,412	*	8	28,072	4,630	32,702
Total ILECs	12,542	81,610	30,598	*	8	112,216	12,128	124,344
Competitive Access Providers (CAPs) and Competitive Local Exchange Carriers (CLECs)	1,200	3,833	1,766	2	52	5,652	808	6,460
Local Resellers	83	389	82	30	10	511	101	613
Private Service Providers	103	50	105	*	17	171	308	479
Shared-Tenant Service Providers	35	52	25		10	87	50	137
Other Local Service Providers	8	46	39	2	1	87	78	165
Total Local Competitors	1,429	4,369	2,017	34	89	6,508	1,345	7,853
Fixed Local Service Providers	13,972	85,979	32,616	34	97	118,725	13,473	132,198
Payphone Service Providers	93	1,035	172		6	1,213	26	1,240
Wireless Telephony Including Cellular, Personal Communications Service (PCS) and SMR Telephony Carriers	4,830	41,171	5,243	5	94	46,513	5,791	52,304
Paging & Messaging Service Providers	339	2,802	424		7	3,232	1,686	4,918
Specialized Mobile Radio (SMR) Dispatch	9	176	9	*	*	186	248	434
Wireless Data and Other Mobile Service Providers	118	94	120	1	6	221	80	302
Wireless Service Providers	5,296	44,244	5,796	6	107	50,152	7,805	57,958
Interexchange Carriers (IXCs)	55,486	22,312	49,098	870	15,290	87,570	5,828	93,399
Operator Service Providers (OSPs)	166	155	158		23	337	43	380
Pre-paid Calling Card Providers	654	133	318	4	412	866	78	945
Satellite	99	123	97	39	21	280	4,856	5,136
Toll Reseller	4,091	3,199	3,855	13	2,145	9,211	800	10,012
Other Toll Carriers	5	33	32	17	67	150	233	383
Toll Service Providers	60,500	25,954	53,558	943	17,959	98,414	11,839	110,253
All Filers	\$79,861	\$157,212	\$92,142	\$983	\$18,168	\$268,505	\$33,144	\$301,648

Note: Amounts may not add to totals due to rounding.

\* Denotes values greater than \$0 but less than \$500,000.

\*\* Telecommunications service provided for resale consists of service provided to other contributors to federal universal service support mechanisms. Service provided to firms that are de minimis under or exempt from federal universal service support mechanisms are reported as end-user service.

\*\*\* Excluding international-to-international revenue reported on line 412 but not excluding international revenue where interstate toll represents less than 8% of combined interstate and international end-user revenue and not excluding revenue from filers who are de minimis or otherwise exempt from contributing.

\*\*\*\* Carriers report non-telecommunications service revenue on line 418. This category includes enhanced services, inside wiring maintenance, billing and collection, customer premises equipment, published directory dark fiber, Internet and other non-telecommunications service revenue

**Table 9**  
**Estimates of Average Revenue per Conversation Minute**  
(Revenues and Minutes Shown in Millions)

	1992	1993	1994	1995	1996	1997	1998	1999
Interstate operator service revenues <u>1/</u>	\$7,213	\$7,052	\$6,561	\$6,878	\$6,454	\$7,113	\$6,971	\$5,747
+ Other interstate switched toll revenues <u>2/</u>	\$32,217	\$36,477	\$38,843	\$42,139	\$47,865	\$42,075	\$42,620	\$45,026
+ International-to-International toll revenues <u>3/</u>						\$561	\$1,121	\$983
+ Charges on bills identified as USF contributions <u>4/</u>							\$878	\$2,213
+ PICC pass-through reported as SLC revenue <u>5/</u>							\$1,208	\$0
- 80% of revenues reported by toll resellers	\$665	\$1,001	\$1,251	\$2,582	\$4,211	n.a.	n.a.	n.a.
= Total end-user switched toll revenues	\$38,765	\$42,528	\$44,153	\$46,435	\$50,107	\$49,325	\$52,797	\$53,969
- International-to-International toll revenues <u>3/</u>	\$74	\$111	\$166	\$249	\$374	\$561	\$1,121	\$983
= U.S. international and interstate end-user switched toll	\$38,691	\$42,417	\$43,987	\$46,186	\$49,733	\$48,764	\$51,677	\$52,986
- End-user international MTS revenues <u>6/</u>	\$10,383	\$11,564	\$12,543	\$14,335	\$14,599	\$15,679	\$16,966	\$14,462
- International-to-International toll revenues <u>3/</u>	\$74	\$111	\$166	\$249	\$374	\$561	\$1,121	\$983
International revenues for U.S. end-users	\$10,309	\$11,453	\$12,377	\$14,086	\$14,224	\$15,118	\$15,845	\$13,479
Total end-user switched toll revenues	\$38,765	\$42,528	\$44,153	\$46,435	\$50,107	\$49,325	\$52,797	\$53,969
- End-user international MTS revenues <u>6/</u>	\$10,383	\$11,564	\$12,543	\$14,335	\$14,599	\$15,679	\$16,966	\$14,462
= Interstate domestic switched end-user revenues	\$28,383	\$30,965	\$31,610	\$32,100	\$35,508	\$33,646	\$35,832	\$39,507
ILEC Originating interstate access minutes <u>7/</u>	154,375	157,114	162,043	169,236	173,300	181,900	184,000	208,383
+ Estimated CLEC originating minutes <u>8/</u>	309	432	580	1,218	1,816	4,118	6,452	12,086
- U.S. billed international minutes excluding country direct/beyond and reoriginating <u>9/</u>	9,940	11,069	12,907	15,303	18,140	21,213	23,349	24,000
Domestic originating access minutes	144,744	146,477	149,715	155,152	156,976	164,806	167,103	196,469
ILEC terminating interstate access minutes <u>7/</u>	195,374	214,126	239,360	262,712	292,800	315,400	334,800	344,657
+ Estimated CLEC terminating minutes <u>8/</u>	391	589	856	1,891	3,068	7,141	11,739	19,990
- country direct/beyond international settlement minutes <u>9/</u>	216	324	486	728	1,083	933	1,901	2,000
- Foreign billed international settlement minutes <u>10/</u>	5,248	5,678	6,385	7,121	8,291	9,107	10,208	10,500
Domestic terminating access minutes	190,301	208,713	233,346	256,754	286,495	312,501	334,430	352,147
Conversation minutes <u>11/</u>								
U.S. interstate and international minutes	200,241	219,783	246,253	272,057	304,634	333,713	357,779	376,147
International conversation minutes <u>9/</u>	9,940	11,069	12,907	15,303	18,140	21,213	23,349	24,000
Interstate domestic conversation minutes	190,301	208,713	233,346	256,754	286,495	312,501	334,430	352,147
End-user revenue per								
U.S. interstate and international minute	\$0.19	\$0.19	\$0.18	\$0.17	\$0.16	\$0.15	\$0.14	\$0.14
International conversation minute	\$1.04	\$1.03	\$0.96	\$0.92	\$0.78	\$0.71	\$0.68	\$0.56
Interstate domestic conversation minute	\$0.15	\$0.15	\$0.14	\$0.13	\$0.12	\$0.11	\$0.11	\$0.11

Note: Some data for prior years have been revised. Staff estimates used for 1999 international minutes data. See text for other caveats.

- 1/ Starting in 1997, the amounts shown are the sum of end-user revenues for pre-paid card and operator services.
- 2/ Starting in 1997, the amounts shown equal end-user revenues for MTS, toll-free and other switched toll services.
- 3/ International-to-international revenues were not reported separately prior to 1997. Amounts for 1992 through 1996 were estimated using a 50% growth rate. Most international-to-international service is provided to foreign customers. Some international-to-international services, such as call-back service, generate both originating and terminating access minutes.
- 4/ Carriers do not separate universal service surcharge revenue for switched toll vs. other services. The amounts shown represent a proportion based on other contribution base revenues.
- 5/ PICC charges were introduced in 1998. The reporting instructions for 1998 data were not clear and many toll carriers reported PICC pass-through charges as local revenue rather than as toll revenue. Carrier-by-carrier information was used to identify the misclassified amount.
- 6/ *Trends in the U.S. International Telecommunications Industry* contains estimates of international end-user revenue for 1995 through 1997. The same methodology was used for other years. Note that the 1999 figure is significantly different than data contained in Table 6.
- 7/ Based on National Exchange Carrier Association filings. Starting with 1999, the split between originating and terminating is based on ILEC access filings.
- 8/ CLEC access minutes are estimated based on the local service competitors share of local services market. Data taken from *Local Competition, August 1999*. The 1992 percentage is based on trend. The 1999 percentage is preliminary.

Local service competitors share of local revenues	0.2%	0.3%	0.4%	0.7%	1.0%	2.3%	3.5%	5.8%
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- 9/ *Section 43.61 International Telecommunications Data* for all U.S. traffic with foreign points. Starting in 1995, carriers separately reported country direct and country beyond minutes. Most country direct traffic generates terminating access minutes and generally represents billed end-user revenue from U.S. customers. Country beyond minutes generally do not result in access minutes and generate revenue that is reported as international-to-international. Some other international-to-international traffic, however, results in access minutes and ordinary U.S. billed minutes of traffic. In the absence of better assumptions, and recognizing the offsetting bias for call-back minutes, the country beyond and country direct minutes are treated as terminating access but are not included as international conversation minutes.
- 10/ Foreign billed minutes of international traffic generate terminating access minutes. Preliminary data shown for 1999.
- 11/ International conversation minutes are estimated as U.S. billed international traffic minutes excluding country direct, country beyond and reoriginating minutes. Domestic conversation minutes are estimated as domestic terminating access minutes.

**Table 10**  
**Estimates of Access and Universal Service Costs per Conversation Minute**  
(Cost Amounts and Minutes Shown in Millions, Per-Minute Amounts Shown in Dollars and Cents)

	1992	1993	1994	1995	1996	1997	1998	1999
<b>Minutes data from Table 9</b>								
ILEC Originating interstate access minutes	154,375	157,114	162,043	169,236	173,300	181,900	184,000	208,383
Originating minutes of international traffic	9,940	11,069	12,907	15,303	18,140	21,213	23,349	24,000
Domestic originating access minutes	144,744	146,477	149,715	155,152	156,976	164,806	167,103	196,469
ILEC Terminating interstate access minutes	195,374	214,126	239,360	262,712	292,800	315,400	334,800	344,657
Terminating minutes of international traffic <u>1/</u>	5,464	6,002	6,871	7,849	9,374	10,040	12,109	12,500
U.S. Interstate and international conversation minutes	200,241	219,783	246,253	272,057	304,634	333,713	357,779	376,147
International conversation minutes	9,940	11,069	12,907	15,303	18,140	21,213	23,349	24,000
Interstate domestic conversation minutes	190,301	208,713	233,346	256,754	286,495	312,501	334,430	352,147
<b>End-user revenue per minute data from Table 9</b>								
per U.S. interstate and international minute	\$0.19	\$0.19	\$0.18	\$0.17	\$0.16	\$0.15	\$0.14	\$0.14
per international conversation minute	\$1.04	\$1.03	\$0.96	\$0.92	\$0.78	\$0.71	\$0.68	\$0.56
per interstate domestic conversation minute	\$0.15	\$0.15	\$0.14	\$0.13	\$0.12	\$0.11	\$0.11	\$0.11
<b>Access Cost per interstate 2-ended minute <u>1/</u></b>								
per originating access minute	\$0.069	\$0.067	\$0.068	\$0.065	\$0.061	\$0.056	\$0.039	\$0.033
per terminating access minute	\$0.032	\$0.031	\$0.032	\$0.031	\$0.029	\$0.026	\$0.022	\$0.018
per interstate domestic conversation minute	\$0.034	\$0.034	\$0.034	\$0.033	\$0.030	\$0.028	\$0.016	\$0.013
<b>Access cost per average conversation minute <u>2/</u></b>								
per U.S. interstate and international minute	\$0.058	\$0.055	\$0.054	\$0.050	\$0.046	\$0.041	\$0.026	\$0.022
per international conversation minute	\$0.051	\$0.050	\$0.050	\$0.047	\$0.044	\$0.040	\$0.030	\$0.025
per interstate domestic conversation minute	\$0.059	\$0.056	\$0.054	\$0.051	\$0.046	\$0.042	\$0.027	\$0.024
<b>Universal service contributions assessed on a per-line basis <u>3/</u> (\$millions)</b>								
	\$728	\$873	\$891	\$907	\$944	\$973	\$0	\$0
<b>Universal service contribution per-minute <u>4/</u></b>								
per U.S. interstate and international minute	\$0.004	\$0.004	\$0.004	\$0.003	\$0.003	\$0.003	\$0.006	\$0.007
per international conversation minute	\$0.004	\$0.004	\$0.004	\$0.003	\$0.003	\$0.003	\$0.028	\$0.026
per interstate domestic conversation minute	\$0.004	\$0.004	\$0.004	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005
<b>CLEC access revenue assessed on a per-minute basis (\$millions) <u>5/</u></b>								
CLEC access revenue / all conversation minutes						\$26	\$93	\$213
Net international settlement payouts <u>6/</u> (\$millions)	\$3,344	\$3,704	\$4,289	\$4,919	\$5,601	\$5,207	\$4,679	\$4,679
International-to-international as % of intl end-user <u>6/</u>	0.7%	1.0%	1.3%	1.7%	2.5%	3.4%	7.7%	7.7%
per U.S. interstate and international minute	\$0.017	\$0.017	\$0.017	\$0.018	\$0.018	\$0.015	\$0.012	\$0.011
per international conversation minute	\$0.334	\$0.331	\$0.328	\$0.316	\$0.301	\$0.237	\$0.185	\$0.180
<b>PICC charges billed to IXCs by Tier 1 carriers <u>7/</u> (\$millions)</b>								
PICC "cost" per interstate and international minute							\$2,000	\$2,000
							\$0.006	\$0.005
<b>Access and universal service costs <u>8/</u></b>								
per U.S. interstate and international minute	\$0.08	\$0.08	\$0.07	\$0.07	\$0.07	\$0.06	\$0.05	\$0.05
per international conversation minute	\$0.39	\$0.38	\$0.38	\$0.37	\$0.35	\$0.28	\$0.25	\$0.24
per interstate domestic conversation minute	\$0.06	\$0.06	\$0.06	\$0.05	\$0.05	\$0.04	\$0.04	\$0.03
<b>Revenue per-minute net of access and universal service</b>								
all interstate and international calls	\$0.11	\$0.12	\$0.10	\$0.10	\$0.10	\$0.09	\$0.09	\$0.09
all international calls	\$0.65	\$0.65	\$0.58	\$0.55	\$0.44	\$0.43	\$0.43	\$0.32
interstate domestic	\$0.09	\$0.09	\$0.08	\$0.07	\$0.07	\$0.06	\$0.07	\$0.08
<b>Access and universal costs as a percentage of revenue per-minute</b>								
all interstate and international calls	40.6%	39.3%	41.8%	42.2%	40.8%	40.3%	34.8%	32.9%
international calls	37.5%	37.2%	39.8%	39.8%	44.5%	39.2%	36.8%	42.2%
interstate domestic calls	41.8%	40.1%	42.8%	43.5%	39.7%	41.7%	34.9%	30.9%

Note: Some data for prior years have been revised. Staff estimates used for 1999 international data. See text for other caveats.

- 1/ Trends in Telephone Service, March 2000, Table 1.2. The charges per originating and per terminating minutes are derived from data in that table weighted by the access minutes for the first half and second half of each year.
- 2/ Including the cost of both originating and terminating access (based on access minutes and costs per minute shown in the table) divided by conversation minutes. For example, for international minutes, originating access equals the U.S. billed international minutes excluding country direct and hubbing minutes and terminating access equals the number of country direct minutes.
- 3/ Source: National Exchange Carrier Association. Toll carriers were assessed based on the number of presubscribed lines.
- 4/ Through 1997, universal service charges per minute were calculated as the assessments based on lines divided by all U.S. conversation minutes. Starting in 1998, the amounts are estimated as the approximate contribution rate for interstate and international calls times the average-per-minute charges.
- 5/ Interstate access minute revenue reported on Universal Service worksheets by carriers other than ILECs.
- 6/ Section 43.61 International Telecommunications Data. Totals exclude settlement payouts for hubbing service. Preliminary data shown for 1998. International-to-international services are assumed to cause a proportionate share of net settlement payouts. The shares for these services are based on data in Table 9 and are used to reduce the net settlement payouts.
- 7/ The PICC charges were formulated to generate \$1.848 billion of revenue to Tier 1 carriers in 1998 based on 1996 and 1997 lines in service. Based on actual charges and line counts submitted with the July 1999 Tariff Review Plans, total PICC revenues were \$2.062 billion. Where consumers did not have a pre-selected long distance carrier, however, the LEC billed the PICC charge to the customer rather than the IXC. We estimate that 97% of ILEC PICC revenue was billed to IXCs.
- 8/ Includes tariffed per-minute access charges, net international settlement payouts, universal service contributions and PICC charges but excludes the cost of dedicated access lines.

**Table 11**  
**End User Telecommunications Service Revenues**  
**by Region of the Country: 1999**  
(Dollar Amounts Shown in Millions)

	By Type of Filer			All Filers	Percent of Total
	Fixed Local and Payphone	Toll including Satellite	Wireless		
Southeast: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, and U.S. Virgin Islands	\$17,973	\$16,404	\$10,766	\$45,144	20.9 %
Western: Alaska, Arizona, Colorado, Idaho, Iowa, Minnesota, Montana, Nebraska, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming	9,999	10,468	5,554	26,021	12.1
West Coast: California, Hawaii, Nevada, American Samoa, Guam, Northern Mariana Islands, and Wake Island.	10,985	10,637	6,004	27,626	12.8
Mid-Atlantic: Delaware, District of Columbia, Maryland, New Jersey, Pennsylvania, Virginia, and West Virginia	11,275	12,970	4,025	28,270	13.1
Mid-West: Illinois, Indiana, Michigan, Ohio, and Wisconsin	13,721	11,504	6,967	32,193	14.9
Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont	12,093	10,224	5,156	27,472	12.7
Southwest: Arkansas, Kansas, Missouri, Oklahoma, and Texas	10,509	9,988	5,933	26,430	12.2
Filers that did not identify revenue by region *	396	1,811	399	2,607	1.2
<b>Total</b>	<b>\$86,950</b>	<b>\$84,008</b>	<b>\$44,804</b>	<b>\$215,763</b>	<b>100 %</b>
* Filers that are exempt from contributing to local number portability administration are not required to provide a breakout by region of the country.					

### Customer Response

Publication: Telecommunications Industry Revenues: 1999, (September 2000).

You can help us provide the best possible information to the public by completing this form and returning it to the Industry Analysis Division of the FCC's Common Carrier Bureau.

1. Please check the category that best describes you:

- press
- current telecommunications carrier
- potential telecommunications carrier
- business customer evaluating vendors/service options
- consultant, law firm, lobbyist
- other business customer
- academic/student
- residential customer
- FCC employee
- other federal government employee
- state or local government employee
- Other (please specify) \_\_\_\_\_

2. Please rate the report: Excellent    Good    Satisfactory    Poor    No opinion

Data accuracy	( )	( )	( )	( )	( )
Data presentation	( )	( )	( )	( )	( )
Timeliness of data	( )	( )	( )	( )	( )
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Text clarity	( )	( )	( )	( )	( )
Completeness of text	( )	( )	( )	( )	( )

3. Overall, how do you rate this report?    Excellent    Good    Satisfactory    Poor    No opinion

	( )	( )	( )	( )	( )
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4. How can this report be improved?

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5. May we contact you to discuss possible improvements?

Name:

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Questions? Contact Jim Lande (202-418-0948) or [ JLANDE@FCC.GOV ]		
Fax this response to  202-418-0520	Or	Mail this response to  FCC/IAD Mail Stop 1600 F Washington, DC 20554