

# Telecommunications Industry Revenue: TRS Fund Worksheet Data

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## Telecommunications Industry Revenue: TRS Fund Worksheet Data

This report provides a general overview of the U.S. telecommunications industry based on data reported for ten categories of revenue. The revenue summaries presented in this report were compiled from annual FCC Form 431 Telecommunications Relay Service (TRS) Fund Worksheet filings. These revenue summaries are used by the FCC to calculate the TRS and regulatory fee factors. The text below discusses the origin of the filing requirement, the nature of the data, and comparisons with other data sources.

Telecommunications relay service is a telephone transmission service that allows persons with hearing or speech impairments to use the telephone. The Americans with Disabilities Act of 1990 requires all providers of interstate telecommunications service to share in the costs of financing the provision of interstate TRS. In order to meet this mandate, the FCC adopted a TRS funding mechanism in the Third Report and Order in CC Docket No. 90-571, adopted July 15, 1993, 8 FCC Rcd 5300 (1993). The FCC established a TRS fund and directed the National Exchange Carrier Association (NECA) to serve as the Administrator. Each carrier that provides interstate service must file an annual TRS Fund Worksheet with the Administrator. A worksheet summarizes the carrier's revenues and is used to calculate the carrier's required contribution to the TRS fund. This report summarizes the 1995 revenue information contained in the 3,058 worksheets filed in 1996.

Each legal entity that provides interstate telecommunications service must file a separate worksheet. Thus, over one hundred GTE subsidiaries filed TRS worksheets in 1996. Many GTE subsidiaries operate as GTE Mobilenet but have dissimilar legal names, such as Florida #1B RSA Limited Partnership. Carriers that filed 1996 worksheets are listed in a report titled Carrier Locator: Interstate Service Providers (The Locator), released December 1996.

Almost all telecommunications carriers were required to file a TRS fund worksheet in 1996. Local telephone companies are classified as interstate service providers because they provide interstate access services. Similarly, competitive access providers, pay telephone operators, and cellular telephone companies derive revenue from providing access to interstate services and accordingly file TRS fund worksheets. Virtually all pay telephone providers, interexchange carriers (IXCs), operator service providers (OSPs), and toll resellers provide interstate services. Special mobile radio (SMR) and private paging providers offer dispatch, paging, and some telephone services, but were not regulated as carriers and therefore were not required to file in 1996. SMRs will have to file in 1997.

The TRS Fund Worksheet directs carriers to categorize themselves as one of the following types of carrier :

- \* Competitive Access Provider (CAP) or Competitive Local Exchange Carrier (CLEC)
- \* Cellular or Personal Communications Service Carrier
- \* Interexchange Carrier (IXC)
- \* Local Exchange Carrier (LEC)
- \* Paging and other Mobile Service Carrier
- \* Operator Service Provider (OSP)
- \* Other Carrier
- \* Pay Telephone Provider
- \* Pre-paid Calling Card Provider
- \* Toll Reseller

Each carrier is required to report intrastate and interstate revenues by the following types of revenue:

- \* Local exchange service
- \* Local private line service
- \* Cellular, PCS, paging and other mobile service
- \* Other local exchange
- \* Interstate access service
- \* Intrastate access service
- \* Operator service including pay telephone and card services
- \* Other (non-operator) switched toll service
- \* Long distance private line service
- \* All other long distance service

Figure 1 summarizes total reported revenue by category and shows the percentage of revenue for each category that carriers reported as interstate.

**Figure 1**  
**Revenue Reported on TRS Fund Worksheets**  
(Amounts shown in millions)

	1992	1993	1994	1995
<b>Local Service</b>				
Local Exchange	\$39,235	\$40,176	\$42,245	\$45,188
Local Private Line	1,049	1,088	1,138	1,226
Cellular, PCS, Paging & Other Mobile	7,285	10,237	14,293	18,698
Other Local	<u>7,687</u>	<u>8,002</u>	<u>8,302</u>	<u>10,428</u>
Total Local Service	55,256	59,503	65,977	75,540
<b>Interstate &amp; Intrastate Access Service</b>	29,353	30,832	32,759	33,895
<b>Long Distance Service</b>				
Operator (including Pay Telephone & Card)	9,465	10,772	10,539	11,164
Non-Operator Switched Toll	54,300	58,294	60,819	64,385
Long Distance Private Line	7,783	8,067	9,043	9,718
Other Long Distance	<u>4,196</u>	<u>5,392</u>	<u>4,078</u>	<u>4,303</u>
Total Long Distance	75,744	82,525	84,478	89,570
<b>Total Reported Revenue</b>	<b>160,353</b>	<b>172,860</b>	<b>183,214</b>	<b>199,005</b>
<b>Percentage of Revenue Reported as Interstate</b>				
<b>Local Service</b>				
Local Exchange	0.1%	0.1%	0.0%	0.1%
Local Private Line	0.1%	0.1%	0.2%	0.4%
Cellular, PCS, Paging & Other Mobile	6.2%	6.0%	5.8%	5.8%
Other Local	14.9%	14.0%	13.9%	11.2%
Total Local Service	2.9%	3.0%	3.0%	3.0%
<b>Interstate &amp; Intrastate Access Service</b>	72.3%	72.9%	73.1%	73.2%
<b>Long Distance Service</b>				
Operator (including Pay Telephone & Card)	76.2%	65.5%	62.3%	61.6%
Non-Operator Switched Toll	59.1%	59.9%	63.2%	64.8%
Long Distance Private Line	70.2%	71.4%	73.0%	73.9%
Other Long Distance	82.0%	73.2%	74.6%	75.8%
Total Long Distance	63.6%	62.6%	64.7%	65.9%
<b>Total Reported Revenue</b>	<b>44.3%</b>	<b>43.9%</b>	<b>44.0%</b>	<b>43.3%</b>

Note: Some data for prior years have been revised.

Even though 1996 is the fourth filing year for TRS fund worksheets, some carriers still may not be aware that they are required to file TRS fund worksheets. This is particularly a problem with pay telephone providers, that are often very small businesses. Many carriers also filed late or incomplete worksheets. Although carriers were required to file the 1996 TRS fund worksheet by April 26, 1996, NECA was still receiving original or corrected 1996 worksheets in late October when data were extracted for this report. It appears, however, that most interstate carriers are in compliance. Non-filers probably still exist, but represent a small fraction of industry revenue.

The attached tables summarize reported gross revenues for 1995 by type of reporting carrier. Revenue totals are shown for the ten revenue categories used in the worksheet and are disaggregated by intrastate and interstate service. Some carriers report the precise amount of interstate revenue by category while others estimate the percentage of each category that was interstate. Also, some carriers have no business or regulatory requirements to record intrastate revenues separately from interstate revenues. Therefore, the breakdown between intrastate and interstate service may not be exact.

Reporting by revenue categories may also be imprecise. Carriers that use the FCC's Uniform System of Accounts (USOA) can easily classify revenues into the TRS Worksheet categories. Most carriers, however, are not subject to FCC accounting requirements and may not record revenues or track service usage consistent with these categories. In addition, the worksheet is relatively new and some carriers have misunderstood reporting instructions. While NECA and the FCC have devoted significant effort to giving carriers guidance and correcting errors, some figures appear to be questionable. For example, some carriers that classified themselves as LECs did not report local exchange service revenues. Moreover, the reporting categories can be ambiguous for some types of carriers, e.g., some competitive access providers report most of their revenue as local exchange revenue, while others report most of their revenue as either other local revenue or access revenue.

Carriers were instructed to report the amounts actually billed to customers. This means that carriers should report revenue net of discounts, but without making any adjustments to reflect uncollectible revenue. Some carriers have reported negative amounts for some revenue categories -- primarily for the intrastate "other local service" category. These figures probably represent accounting adjustments. Because carriers usually do not pay customers to take service, all negative values were ignored in

calculating revenue totals. In some cases, judgment has been used to re-categorize revenues.

For 1995, carriers reported total revenue of \$199.0 billion. This total consisted of \$75.5 billion for local service, \$33.9 billion for access service and \$89.6 billion for toll service. About \$7 billion of access service revenue represents subscriber line charges billed directly to customers. The rest represents LEC access charges billed to IXCs, which are passed on to customers and therefore are double-counted. Similarly, facilities-based carriers report revenues from services that are resold by other reporting carriers. Thus, actual billings to end users were about \$30 billion less than the total reported revenue.

The total revenue of \$199.0 billion for 1995 is almost 9% greater than the amount reported for 1994. Local exchange, access and toll revenues all showed strong growth. Wireless revenues grew by 31%.

Figure 2 compares the total industry revenues reported on TRS worksheets with estimates contained in the annual Survey of Communications Services published by the Bureau of the Census (Census). Figure 2 accounts for two definitional differences. Census collects data for all carrier directory advertising revenue, including directory billings made by local telephone companies, billings made by their non-carrier affiliates, and also directory license payments received from either non-carrier affiliates or unaffiliated companies. The TRS worksheet excludes revenue billings made by non-carrier affiliates. (Both sources exclude billings made by non-affiliated contractors.) A second difference is that Census includes both billed revenue and settlement receipts for international service. (Census has carriers classify settlement payouts as a type of network access expense). The TRS worksheet requests billed revenue. Once directory advertising and international revenues are subtracted, the TRS totals are lower than Census estimates. Unlike TRS totals, Census totals include telephone company enhanced service and some customer premises equipment revenue.

Figure 2  
Comparison of TRS Fund Worksheet Data with Census Data  
(Amounts shown in millions)

	Reported Industry Total Revenue	Directory Advertising Revenue	Settlement Payouts	Settlement Receipts	Carrier Domestic Revenue
1992					
FCC Data	160,353 <u>1/</u>	\$2,847 <u>2/</u>	\$6,144 <u>3/</u>		\$151,362
Census	\$171,578 <u>4/</u>	\$8,923 <u>4/</u>	\$6,144 <u>3/</u>	\$2,800 <u>3/</u>	\$153,711
1993					
FCC Data	172,860 <u>1/</u>	\$2,892 <u>2/</u>	\$6,566 <u>3/</u>		\$163,402
Census	\$181,700 <u>4/</u>	\$9,126 <u>4/</u>	\$6,566 <u>3/</u>	\$2,863 <u>3/</u>	\$163,145
1994					
FCC Data	183,214 <u>1/</u>	\$3,905 <u>2/</u>	\$7,223 <u>3/</u>		\$172,086
Census	\$195,333 <u>4/</u>	\$9,467 <u>4/</u>	\$7,223 <u>3/</u>	\$2,935 <u>3/</u>	\$175,708
1995					
FCC Data	199,005 <u>1/</u>	\$3,969 <u>2/</u>	\$7,774 <u>3/</u>		\$187,262
Census	\$209,963 <u>4/</u>	\$9,911 <u>4/</u>	\$7,774 <u>3/</u>	\$2,902 <u>3/</u>	\$189,376

Note: Some data for prior years have been revised.

1/ Total revenue reported on TRS worksheets.

2/ *Statistics of Communications Common Carriers (SOCC)*, Table 2.9 for all reporting local exchange carriers.

3/ *Section 43.61 International Telecommunications Data* message telephone service settlement receipts and payouts, including transiting traffic.

4/ *Annual Survey of Telecommunications Services*. Table 2. Unlike the SOCC, the Census data includes Yellow Pages® revenue of non-carrier affiliates.

The Industry Analysis Division published estimates of the toll market in Long Distance Market Shares, released September 1996. That report estimated 1995 total toll revenues of \$72.5 billion for long distance carriers -- \$83.8 billion if the toll revenue of local exchange carriers were included. The attached tables show \$76.4 billion of toll revenues for IXCs, OSPs, toll resellers, pay telephone operators, card, and other toll carriers -- \$89.6 billion if all carriers are included. For the big four IXCs -- AT&T (including Alascom), LDDS WorldCom, MCI, and Sprint (excluding United) -- the attached tables show \$67.5 billion compared with \$62.4 billion in Long Distance Market Shares. Most of the difference appears to be due to different treatments of international settlements. For toll carriers other than the big four, the attached tables show \$8.9 billion in toll revenue, compared with \$10.0 billion estimated in Long Distance Market Shares.

Statistics of the Local Exchange Carriers, published by the United States Telephone Association for 1995, reports \$74.9 billion of revenue for Regional Bell Operating Companies (RBOCs) and \$26.2 billion of revenue for independent carriers. Statistics of Communications Common Carriers (SOCC) also shows \$74.9 billion for total RBOC revenue for 1995. This figure is net of about \$0.8 billion of uncollectibles. For the same year, RBOCs reported about \$75.0 billion in billed revenue on TRS fund worksheets. The SOCC and TRS figures should differ because the SOCC includes some non-communications service revenues, which are included in USOA Account 5200 but excluded from TRS. Other variances may be due to carriers filing inconsistent information.

The TRS rules prohibit the TRS Fund Administrator from releasing information contained in the TRS fund worksheets. Table 3 of The Locator shows the types of revenue reported by each carrier without disclosing amounts. In some cases, only one or two carriers of a carrier type reported revenues for a particular service category. In order to preserve confidentiality in these instances, amounts have been omitted from revenue categories and sub-totals. All reported revenues have been included in Table 3, which summarizes revenue for all carriers filing worksheets, but not in Table 2, which shows totals by type of carrier.

Although revenue data for individual carriers are not being released, Table 22 provides some indication of the range of carrier sizes. Table 22 shows average revenues by class of carrier, including averages for the largest fifth of carriers to the smallest fifth. In addition, the table shows the average revenue for the five largest carriers of each type as well as the percentage of total revenues represented by those carriers. These percentages are not true measures of market concentration. Toll



resellers and IXCs, for example, are included in different categories but compete against each other and would be considered as part of the same market for many purposes. LECs and cellular carriers, on the other hand, compete in specific regions rather than in a national market. Also, many carriers offer services in multiple markets but all of their revenues were totaled in the single carrier category they selected. Finally, affiliates are not grouped together for the purposes of calculating the averages and percentages shown in the table.

Figure 3 uses TRS revenue data and other information to estimate average billed revenue per minute for interstate switched services. The estimates have a considerable margin of error. Although some carriers have not filed TRS fund worksheets, all interstate access minutes are included in the NECA totals. Some of the "other toll" category probably represents switched services that should have been reported in the operator service or other switched revenue categories. These factors, however, may be offset by some toll revenue being double-counted. Most toll carriers resell some services of other toll carriers. Carriers report total billed revenues regardless of whether service was provided to a final customer or to another carrier for resale.

The estimates of conversation or billed minutes are based on terminating access minute data reported by NECA. Assuming that conversation minutes equals terminating minutes also brings uncertainty into the analysis. The typical domestic direct dialed (DDD) call results in both originating and terminating access minutes. The relationship is not one-to-one for these calls because toll carriers are billed on the originating end for call set-up time and time associated with non-completed calls. Thus, one ordinary DDD minute generates about 1.07 originating access minutes, but just one terminating access minute. Toll-free calls and some other classes of calls generate terminating access minutes only. This is why terminating minutes represents the closest approximation of conversation minutes. Some calls, however, generate originating access minutes only or bypass LECs on both ends and do not generate any access minutes. Also, 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. Operator service minutes were estimated based on the assumption that the average price per operator minute was \$.35 in 1992 and that operator service minutes did not change in subsequent years.

Figure 3 shows average billed revenue per minute declining from 19.6 cents in 1992 to 17.9 cents in 1995. For comparison, Figure 3 includes AT&T revenue per minute data through 1994. Unlike the amounts calculated in Figure 3, the AT&T data appear to be net of uncollectibles and international settlements. The TRS-based estimates would be 1.5 cents lower in 1995 if international settlements had been netted from the revenue amounts.

Figure 3 also shows revenue per minute estimates for all domestic interstate calls and for DDD interstate calls. Both sets of estimates include toll free traffic in addition to ordinary message telephone service (MTS) calls. These estimates are unaffected by the treatment of international settlements but are sensitive to assumptions made about the levels of both international and domestic operator service traffic. While the resulting estimates may be somewhat imperfect, the trends shown in Figure 3 appear to be reliable -- average billings per minute declined significantly between 1992 and 1995.

Declines in access cost per minute account for about half of the declines in toll rates over this period. Figure 3 shows how the average access cost of a typical or "2 ended" conversation minute declined about 5% from 1992 through 1995. Terminating interstate access minutes, however, which contain toll-free and other "1 ended" minutes, grew much faster than did originating interstate access minutes. As a result, the average access cost of an interstate conversation minute declined about \$.007 or about 13% between 1992 and 1995. Toll carrier billed revenue per minute, net of access costs, declined about 7% from 1992 through 1995. Per-minute access charges paid by IXC's continues to represent more than 40% of the cost of an interstate DDD call.

**Figure 3**  
**Estimates of Toll Rates and Access Costs per Conversation Minute**  
(Revenues and minutes shown in millions)

	1992	1993	1994	1995	% change 1992 to 1995
Interstate Operator Service Revenue (OSP) <u>1/</u>	\$7,213	\$7,052	\$6,561	\$6,874	-4.7%
+ Other Interstate Switched Toll Revenue <u>1/</u>	\$32,070	\$34,939	\$38,458	\$41,721	30.1%
= Total Switched toll Revenue	\$39,283	\$41,991	\$45,019	\$48,595	23.7%
- Billed International MTS Revenue <u>2/</u>	\$10,179	\$11,353	\$12,431	\$14,215	39.7%
= Domestic Switched Revenue	\$29,104	\$30,638	\$32,588	\$34,380	18.1%
- Domestic OSP Revenue <u>3/</u>	\$5,344	\$5,145	\$4,750	\$4,863	-9.0%
= Interstate Domestic Direct Dialed (DDD) Revenue	\$23,760	\$25,493	\$27,839	\$29,517	24.2%
U.S. Billed International Settlement Minutes <u>2/</u>	10,156	11,393	13,616	15,888	56.4%
Foreign Billed International Settlement Minutes <u>2/</u>	5,248	5,678	6,385	7,051	34.4%
Originating Interstate Access Minutes <u>4/</u>	154,375	157,114	162,040	169,560	9.8%
Terminating Interstate Access Minutes <u>4/</u>	195,374	214,126	239,362	262,430	34.3%
Domestic Interstate Conversation Minutes <u>5/</u>	190,126	208,448	232,977	255,379	34.3%
- Domestic Interstate Operator Handled Minutes <u>5/</u>	15,269	15,269	15,269	15,269	0.0%
= DDD Conversation Minutes (includes toll-free, WATS, etc)	174,857	193,179	217,709	240,111	37.3%
DDD Originating Minutes (excludes toll-free, WATS, etc) <u>6/</u>	119,515	120,919	123,445	128,350	7.4%
Billed Revenue per Interstate and International Minute	\$0.1961	\$0.1910	\$0.1826	\$0.1791	-8.7%
AT&T Revenue per Minute Data <u>7/</u>	\$0.1940	\$0.1890	\$0.1810	"n.a."	
Billed Revenue per International Minute	\$1.0023	\$0.9965	\$0.9130	\$0.8947	-10.7%
Billed Revenue per Domestic Interstate Minute	\$0.1531	\$0.1470	\$0.1399	\$0.1346	-12.1%
Billed Revenue per Interstate DDD Minute	\$0.1359	\$0.1320	\$0.1279	\$0.1229	-9.5%
Cost of Interstate Access per 2 ended minute <u>8/</u>	\$0.0687	\$0.0671	\$0.0677	\$0.0652	-5.0%
Per Originating Access Minute	\$0.0346	\$0.0335	\$0.0336	\$0.0326	-5.8%
Per Terminating Access Minute	\$0.0341	\$0.0336	\$0.0341	\$0.0326	-4.3%
Access Cost per conversation minute <u>9/</u>					
All interstate and international calls	\$0.0599	\$0.0567	\$0.0552	\$0.0519	-13.3%
Interstate DDD only	\$0.0577	\$0.0545	\$0.0532	\$0.0500	-13.3%
IXC revenue per conversation minute net of access costs					
All interstate and international calls	\$0.1362	\$0.1344	\$0.1274	\$0.1272	-6.6%
Interstate DDD only	\$0.0782	\$0.0774	\$0.0747	\$0.0729	-6.8%
Access cost as a percentage of Revenue per minute					
All interstate and international calls	30.5%	29.7%	30.2%	29.0%	
Interstate DDD only	42.5%	41.3%	41.6%	40.7%	

Note: Some data for prior years has been revised.

- 1/ TRS Fund worksheets. OSP includes operator service, pay telephone and card services.
- 2/ Section 43.61 International Telecommunications Data.
- 3/ Estimated as total OSP revenue less the ratio of reported OSP revenue to total switched revenue times international MTS revenue.
- 4/ National Exchange Carrier Association.
- 5/ Terminating access minutes are used as a surrogate for conversation minutes. Domestic conversation minutes are estimated as interstate terminating minutes less foreign billed international minutes. Domestic operator handled (OPH) minutes for 1992 are estimated by assuming that carriers billed an average of 35 cents per OPH minute. That estimate also is used for subsequent years.
- 6/ DDD originating minutes were estimated as originating access minutes less U.S. Billed international settlement minutes (which includes call set up time) less Operator Handled Minutes (increased by 7% to allow for call set up time); with the resulting total reduced by 7% eliminate call set up time.
- 7/ Filed by AT&T in the Nondominance proceeding. AT&T filed the following revenue per minute data for prior years: 1984=\$0.323; 1985=\$0.308; 1986=\$0.280; 1987=\$0.245; 1988=\$0.234; 1989=\$0.218; 1990=\$0.201; 1991=\$0.197. The AT&T data appear to be net of international settlements.
- 8/ Monitoring Report, CC Docket No. 87-339, Table 5.11. The charges per originating and per terminating minutes are derived from data in that table.
- 9/ Including the cost of both originating and terminating access (based on access minutes and costs per minute shown in the table) divided by terminating access minutes.

## Attached Tables

Table 1	Number of Carriers Reporting Each Type of Revenue
Table 2	Telecommunications Revenue Reported by Class of Carrier
Table 3	All Carriers Reporting Interstate Revenues
Table 4	Percentage Change in Revenue From 1994 to 1995
Table 5	Toll Carriers: IXCs, OSPs, Toll Resellers, Pay Telephone, Card and Other
Table 6	Interexchange Carriers (IXCs)
Table 7	Toll Resellers
Table 8	Operator Service Providers (OSPs)
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Table 11	Big Four: AT&T, LDDS WorldCom, MCI and Sprint
Table 12	Interexchange Carriers Other Than the Big Four
Table 13	Access Carriers: LECs, CAPs/CLECs, Cellular, PCS, Paging & Other Mobile
Table 14	Local Exchange Carriers (LECs)
Table 15	Competitive Access Providers (CAPs) & Competitive LECs (CLECs)
Table 16	Cellular and Personal Communications Services (PCS) Carriers
Table 17	Paging and other Mobile Service Carriers
Table 18	Regional Bell Operating Companies (RBOCs)
Table 19	Independent Local Exchange Carriers
Table 20	Wireless Carriers: Cellular, PCS, Paging and Other Mobile
Table 21	Pay Telephone Providers
Table 22	Average Total Telecommunications Revenue Reported by Class of Carrier

Table 1

## Number of Carriers Reporting by Type of Carrier and Type of Revenue

Telecommunications Industry  TRS Fund Worksheet Data 1995  TRS Carrier Classifications	Total Carriers by Class	Number of Carriers Reporting Each Type of Revenue for 1995								
		Local Exchange	Local Private Line	Cellular, PCS, Paging & Other Mobile	Other Local	Intrastate and Interstate Access	Operator Card & Pay Telephone Service	Non Operator Switched Toll	Long Distance Private Line	Other Long Distance Service
<u>Class of Carrier</u>										
Competitive Access Providers (CAPs) & Competitive LECs (CLECs)	57	6	15	1	38	21	1	3	2	2
Cellular Service Carriers & Personal Communications Service (PCS)	792	8	2	781	19	102	3	32	4	303
Interexchange Carriers (IXCs)	130	0	2	4	5	7	40	102	34	36
Local Exchange Carriers (LECs)	1,347	1,310	552	198	1,115	1,344	742	472	384	440
Paging and Other Mobile Carriers	138	5	1	122	0	7	2	3	1	2
Operator Service Providers (OSPs)	25	1	0	1	0	5	20	5	0	3
Other Toll Carriers	30	1	1	3	4	6	5	2	4	15
Pay Telephone Providers	271	23	1	0	1	44	222	14	1	6
Pre-paid Calling Card Providers	8	0	0	0	0	0	8	0	0	1
Toll Resellers	260	6	4	8	8	10	49	202	37	70
<b>Total by Type of Revenue</b>	<b>3,058</b>	<b>1,360</b>	<b>578</b>	<b>1,118</b>	<b>1,190</b>	<b>1,546</b>	<b>1,092</b>	<b>835</b>	<b>467</b>	<b>878</b>

Table 2

## Telecommunications Revenue Reported by Class of Carrier

Telecommunications Industry Revenue: TRS Fund Worksheet Data 1995	Type of Revenue									Total
	Local Exchange	Local Private Line	Cellular, PCS, Paging & Other Mobile	Other Local	Intrastate and Interstate Access	Operator Card & Pay Telephone Service	Non Operator Switched Toll	Long Distance Private Line	Other Long Distance Service	
<i>Type of Carrier</i>										
Competitive Access Providers (CAPs) & Competitive LECs (CLECs)	106,339,722	34,032,947		218,914,703	235,620,901		28,145,727			623,054,001
Cellular Service Carriers & Personal Communications Service (PCS)	14,158,288		16,897,160,062	28,190,757	77,402,919	11,488,127	22,785,203	688,746	156,480,852	17,208,354,954
Interexchange Carriers (IXCs)			3,654,414	12,468,279	23,894,861	8,727,263,132	50,992,687,014	8,624,357,947	2,554,070,540	70,938,396,187
Local Exchange Carriers (LECs)	45,017,617,023	1,179,140,781	232,565,770	10,163,563,190	33,393,553,873	1,629,540,350	10,053,281,542	901,250,374	249,969,780	102,820,482,683
Paging and Other Mobile Carriers	23,265,391		1,365,916,228		28,249,255		1,499,067			1,418,929,941
Operator Service Providers (OSPs)					16,102,180	446,803,186	20,317,849		16,471,394	499,694,609
Other Toll Carriers			129,232,615	1,479,088	79,883,031	19,945,450		34,121,304	508,336,265	772,997,753
Pay Telephone Providers	7,964,938 *				9,897,853	185,588,839	81,449,397 *		63,794,421	348,695,449
Pre-paid Calling Card Providers						15,672,734			*	15,672,734
Toll Resellers	18,167,520	2,391,126	58,652,841	3,035,158	30,776,268	120,024,258	3,167,465,983	152,046,317	667,883,942	4,220,443,413
<b>Total by Type of Revenue</b>	<b>\$45,187,512,882</b>	<b>\$1,215,564,854</b>	<b>\$18,687,181,930</b>	<b>\$10,427,651,177</b>	<b>\$33,895,381,141</b>	<b>\$11,156,326,077</b>	<b>\$64,367,631,783</b>	<b>\$9,712,464,687</b>	<b>\$4,217,007,193</b>	<b>\$198,866,721,723</b>
<i>Percent of revenue category By type of carrier</i>										
CAPs & CLECs	0.2%	2.8%		2.1%	0.7%		0.0%			0.3%
Cellular & PCS	0.0%		90.4%	0.3%	0.2%	0.1%	0.0%	0.0%	3.7%	8.7%
IXCs			0.0%	0.1%	0.1%	78.2%	79.2%	88.8%	60.6%	35.7%
LECs	99.6%	97.0%	1.2%	97.5%	98.5%	14.6%	15.6%	9.3%	5.9%	51.7%
Paging and Other Mobile Carriers	0.0%				0.0%	1.7%	0.1%		1.5%	0.2%
OSPs					0.0%	4.0%	0.0%		0.4%	0.3%
Other Toll Carriers			0.7%	0.0%	0.2%	0.2%		0.4%	12.1%	0.4%
Pay Telephone Providers	0.1%		7.3%		0.1%		0.0%			0.7%
Pre-paid Calling Card Providers						0.1%				0.0%
Toll Resellers	0.0%	0.2%	0.3%	0.0%	0.1%	1.1%	4.9%	1.6%	15.8%	2.1%

\* Amounts withheld to preserve confidentiality of individual carrier data. Total are sums of the amounts shown in this table and differ from some totals shown elsewhere.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 3 All Carriers Reporting Interstate Revenues (Dollar amounts shown in millions)						
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue	
Local Exchange Service	\$45,160.2	40.0 %	\$27.5	0.0 %	\$45,187.7	22.7 %	0.1 %
Local Private Line Service	\$1,221.5	1.1	\$4.5	0.0	\$1,225.9	0.6	0.4
Cellular, PCS, Paging & Other Mobile	\$17,616.8	15.6	\$1,081.5	1.3	\$18,698.2	9.4	5.8
Alternative Access and Other	\$9,262.8	8.2	\$1,164.9	1.4	\$10,427.8	5.2	11.2
Total Local Revenues	\$73,261.3	64.9	\$2,278.3	2.6	\$75,539.6	38.0	3.0
Interstate Access	\$4.5	0.0	\$24,820.5	28.8	\$24,825.0	12.5	100.0
Intrastate Access	\$9,062.8	8.0	\$7.7	0.0	\$9,070.4	4.6	0.1
Total Access Revenues	\$9,067.2	8.0	\$24,828.2	28.8	\$33,895.4	17.0	73.2
Operator Service, Pay Telephone & Card	\$4,290.1	3.8	\$6,873.5	8.0	\$11,163.7	5.6	61.6
Non-Operator Switched Toll Service	\$22,639.1	20.1	\$41,746.2	48.4	\$64,385.4	32.4	64.8
Long Distance Private Line Service	\$2,532.0	2.2	\$7,186.2	8.3	\$9,718.2	4.9	73.9
All Other Long Distance	\$1,040.1	0.9	\$3,263.0	3.8	\$4,303.1	2.2	75.8
Total Toll Revenues	\$30,501.3	27.0	\$59,069.0	68.5	\$89,570.3	45.0	65.9
Total Carrier Revenue	\$112,829.9	100.0	\$86,175.4	100.0	\$199,005.3	100.0	43.3

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry  
Revenue:

**Table 4**

Percentage Change in Revenue From 1994 to 1995  
(All Carriers Reporting Interstate Revenues)

	Intrastate	Interstate	Intrastate + Interstate
Local Exchange Service	6.9 %	47.8 %	7.0 %
Local Private Line Service	7.5	95.5	7.7
Cellular, PCS, Paging & Other Mobile	30.9	29.4	30.8
Alternative Access and Other	29.6	1.0	25.6
Total Local Revenues	14.5	13.4	14.5
Interstate Access	n.a.	3.7	3.7
Intrastate Access	2.8	n.a.	2.9
Total Access Revenues	2.8	3.7	3.5
Operator Service, Pay Telephone & Card	7.8	4.8	5.9
Non-operator Switched Toll Service	1.2	8.6	5.9
Long Distance Private Line Service	3.7	8.9	7.5
All Other Long Distance	0.5	7.3	5.5
Total Toll Revenues	2.3	8.1	6.0
 Total Carrier Revenue	 10.3	 6.9	 8.8



Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	<b>Table 5</b>							
	Toll Carriers: IXCs, OSPs, Toll Resellers, Pay Telephone, Card and Other (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue			
Local Exchange Service	\$25.7	0.1 %	\$0.6	0.0 %	\$26.3	0.0 %	2.2 %	
Local Private Line Service	\$4.4	0.0	\$2.3	0.0	\$6.7	0.0	34.5	
Cellular, PCS, Paging & Other Mobile	\$187.7	1.0	\$14.8	0.0	\$202.5	0.3	7.3	
Alternative Access and Other	\$9.4	0.1	\$7.7	0.0	\$17.1	0.0	45.0	
Total Local Revenues	\$227.2	1.2	\$25.4	0.0	\$252.6	0.3	10.1	
Interstate Access	\$0.0	0.0	\$73.8	0.1	\$73.8	0.1	100.0	
Intrastate Access	\$79.1	0.4	\$7.7	0.0	\$86.7	0.1	8.8	
Total Access Revenues	\$79.1	0.4	\$81.5	0.1	\$160.6	0.2	50.8	
Operator Service, Pay Telephone & Card	\$2,672.5	14.6	\$6,842.8	11.7	\$9,515.3	12.4	71.9	
Non-Operator Switched Toll Service	\$12,989.8	70.7	\$41,289.8	70.6	\$54,279.6	70.6	76.1	
Long Distance Private Line Service	\$1,644.0	9.0	\$7,166.6	12.3	\$8,810.5	11.5	81.3	
All Other Long Distance	\$754.2	4.1	\$3,059.6	5.2	\$3,813.8	5.0	80.2	
Total Toll Revenues	\$18,060.5	98.3	\$58,358.8	99.8	\$76,419.3	99.5	76.4	
<b>Total Carrier Revenue</b>	<b>\$18,366.8</b>	<b>100.0</b>	<b>\$58,465.7</b>	<b>100.0</b>	<b>\$76,832.5</b>	<b>100.0</b>	<b>76.1</b>	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 6 Interexchange Carriers (IXCs) (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$0.0	0.0 %	\$0.0	0.0 %	\$0.0	0.0 %	n.a. %	
Local Private Line Service	**	0.0	**	0.0	**	0.0	4.0	
Cellular, PCS, Paging & Other Mobile	\$3.2	0.0	\$0.4	0.0	\$3.7	0.0	11.6	
Alternative Access and Other	\$6.7	0.0	\$5.8	0.0	\$12.5	0.0	46.3	
Total Local Revenues	**	0.0	**	0.0	**	0.0	33.2	
Interstate Access	\$0.0	0.0	\$10.6	0.0	\$10.6	0.0	100.0	
Intrastate Access	\$8.6	0.1	\$4.7	0.0	\$13.3	0.0	35.6	
Total Access Revenues	\$8.6	0.1	\$15.3	0.0	\$23.9	0.0	64.1	
Operator Service, Pay Telephone & Card	\$2,328.8	14.1	\$6,398.5	11.8	\$8,727.3	12.3	73.3	
Non-Operator Switched Toll Service	\$12,217.9	73.8	\$38,774.8	71.3	\$50,992.7	71.9	76.0	
Long Distance Private Line Service	\$1,589.7	9.6	\$7,034.6	12.9	\$8,624.4	12.2	81.6	
All Other Long Distance	\$392.4	2.4	\$2,161.7	4.0	\$2,554.1	3.6	84.6	
Total Toll Revenues	\$16,528.8	99.9	\$54,369.5	100.0	\$70,898.4	99.9	76.7	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	76.7	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 7  Toll Resellers (Dollar amounts shown in millions)						
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue	
Local Exchange Service	\$18.2	1.6 %	\$0.0	0.0 %	\$18.2	0.4 %	0.0 %
Local Private Line Service	\$1.2	0.1	\$1.1	0.0	\$2.4	0.1	48.1
Cellular, PCS, Paging & Other Mobile	\$55.5	4.7	\$3.2	0.1	\$58.7	1.4	5.4
Alternative Access and Other	\$1.5	0.1	\$1.5	0.0	\$3.0	0.1	50.2
Total Local Revenues	\$76.4	6.5	\$5.9	0.2	\$82.2	1.9	7.1
Interstate Access	\$0.0	0.0	\$19.7	0.6	\$19.7	0.5	100.0
Intrastate Access	\$11.1	0.9	\$0.0	0.0	\$11.1	0.3	0.0
Total Access Revenues	\$11.1	0.9	\$19.7	0.6	\$30.8	0.7	63.9
Operator Service, Pay Telephone & Card	\$38.8	3.3	\$81.3	2.7	\$120.0	2.8	67.7
Non-Operator Switched Toll Service	\$671.2	57.3	\$2,496.3	81.9	\$3,167.5	75.1	78.8
Long Distance Private Line Service	\$44.9	3.8	\$107.1	3.5	\$152.0	3.6	70.5
All Other Long Distance	\$329.5	28.1	\$338.4	11.1	\$667.9	15.8	50.7
Total Toll Revenues	\$1,084.4	92.5	\$3,023.1	99.2	\$4,107.4	97.3	73.6
Total Carrier Revenue	\$1,171.9	100.0	\$3,048.6	100.0	\$4,220.4	100.0	72.2

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 8 Operator Service Providers (OSPs) (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	**	0.0 %	**	0.0 %	**	0.0 %	0.0 %	
Local Private Line Service	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Cellular, PCS, Paging & Other Mobile	**	0.0	**	0.0	**	0.0	30.0	
Alternative Access and Other	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Total Local Revenues	\$7.7	4.2	\$3.3	1.0	\$10.9	2.1	30.0	
Interstate Access	\$0.0	0.0	\$10.2	3.1	\$10.2	2.0	100.0	
Intrastate Access	\$5.9	3.2	\$0.0	0.0	\$5.9	1.2	0.0	
Total Access Revenues	\$5.9	3.2	\$10.2	3.1	\$16.1	3.2	63.4	
Operator Service, Pay Telephone & Card	\$157.8	86.1	\$289.0	88.3	\$446.8	87.5	64.7	
Non-Operator Switched Toll Service	\$7.5	4.1	\$12.9	3.9	\$20.3	4.0	63.3	
Long Distance Private Line Service	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
All Other Long Distance	\$4.6	2.5	\$11.9	3.6	\$16.5	3.2	72.2	
Total Toll Revenues	\$169.9	92.6	\$313.7	95.9	\$483.6	94.7	64.9	
Total Carrier Revenue	\$183.4	100.0	\$327.2	100.0	\$510.6	100.0	64.1	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 9  Pre-paid Calling Card Providers (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$0.0	0.0 %	\$0.0	0.0 %	\$0.0	0.0 %	n.a. %	
Local Private Line Service	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Cellular, PCS, Paging & Other Mobile	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Alternative Access and Other	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Total Local Revenues	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Interstate Access	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Intrastate Access	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Total Access Revenues	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Operator Service, Pay Telephone & Card	\$4.8	100.0	\$10.9	100.0	\$15.7	100.0	69.3	
Non-Operator Switched Toll Service	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Long Distance Private Line Service	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
All Other Long Distance	**	0.0	**	0.0	**	0.0	100.0	
Total Toll Revenues	**	0.0	**	0.0	**	0.0	74.6	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	74.6	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 10  Other Toll Carriers (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	**	0.0 %	**	0.0 %	**	0.0 %	3.1 %	
Local Private Line Service	**	0.0	**	0.0	**	0.0	100.0	
Cellular, PCS, Paging & Other Mobile	\$121.3	62.4	\$7.9	1.4	\$129.2	16.7	6.1	
Alternative Access and Other	\$1.1	0.6	\$0.4	0.1	\$1.5	0.2	25.9	
Total Local Revenues	\$122.6	63.0	\$8.9	1.5	\$131.5	17.0	6.8	
Interstate Access	\$0.0	0.0	\$26.8	4.6	\$26.8	3.5	100.0	
Intrastate Access	\$50.1	25.8	\$2.9	0.5	\$53.0	6.9	5.5	
Total Access Revenues	\$50.1	25.8	\$29.8	5.1	\$79.9	10.3	37.3	
Operator Service, Pay Telephone & Card	\$5.7	2.9	\$14.2	2.5	\$19.9	2.6	71.3	
Non-Operator Switched Toll Service	**	0.0	**	0.0	**	0.0	20.1	
Long Distance Private Line Service	\$9.3	4.8	\$24.8	4.3	\$34.1	4.4	72.8	
All Other Long Distance	\$7.0	3.6	\$501.4	86.7	\$508.3	65.8	98.6	
Total Toll Revenues	**	0.0	**	0.0	**	0.0	93.8	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	73.6	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 11  Big Four: AT&T, LDDS WorldCom, MCI and Sprint (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$0.0	0.0 %	\$0.0	0.0 %	\$0.0	0.0 %	n.a. %	
Local Private Line Service	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Cellular, PCS, Paging & Other Mobile	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Alternative Access and Other	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Total Local Revenues	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Interstate Access	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Intrastate Access	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Total Access Revenues	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Operator Service, Pay Telephone & Card	\$2,273.9	14.6	\$6,293.0	12.1	\$8,566.9	12.7	73.5	
Non-Operator Switched Toll Service	\$11,502.4	73.8	\$36,878.9	71.0	\$48,381.3	71.6	76.2	
Long Distance Private Line Service	\$1,511.6	9.7	\$6,843.3	13.2	\$8,354.9	12.4	81.9	
All Other Long Distance	\$296.3	1.9	\$1,939.7	3.7	\$2,236.0	3.3	86.7	
Total Toll Revenues	\$15,584.2	100.0	\$51,954.9	100.0	\$67,539.0	100.0	76.9	
Total Carrier Revenue	\$15,584.2	100.0	\$51,954.9	100.0	\$67,539.0	100.0	76.9	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 12 Interexchange Carriers Other Than the Big Four (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$0.0	0.0 %	\$0.0	0.0 %	\$0.0	0.0 %	n.a. %	
Local Private Line Service	\$2.8	0.3	\$0.1	0.0	\$2.9	0.1	4.0	
Cellular, PCS, Paging & Other Mobile	\$3.2	0.3	\$0.4	0.0	\$3.7	0.1	11.6	
Alternative Access and Other	\$6.7	0.7	\$5.8	0.2	\$12.5	0.4	46.3	
Total Local Revenues	\$12.7	1.3	\$6.3	0.3	\$19.0	0.6	33.2	
Interstate Access	\$0.0	0.0	\$10.6	0.4	\$10.6	0.3	100.0	
Intrastate Access	\$8.6	0.9	\$4.7	0.2	\$13.3	0.4	35.6	
Total Access Revenues	\$8.6	0.9	\$15.3	0.6	\$23.9	0.7	64.1	
Operator Service, Pay Telephone & Card	\$54.8	5.7	\$105.5	4.3	\$160.4	4.7	65.8	
Non-Operator Switched Toll Service	\$715.5	74.1	\$1,895.9	77.8	\$2,611.4	76.8	72.6	
Long Distance Private Line Service	\$78.2	8.1	\$191.3	7.9	\$269.5	7.9	71.0	
All Other Long Distance	\$96.1	9.9	\$222.0	9.1	\$318.1	9.3	69.8	
Total Toll Revenues	\$944.7	97.8	\$2,414.7	99.1	\$3,359.3	98.7	71.9	
Total Carrier Revenue	\$965.9	100.0	\$2,436.3	100.0	\$3,402.2	100.0	71.6	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.



Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	<b>Table 13</b>  Access Carriers: LECs, CAPs/CLECs, Cellular, PCS, Paging & Other Mobile (Dollar amounts shown in millions)						
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue	
Local Exchange Service	\$45,134.5	47.8 %	\$26.9	0.1 %	\$45,161.4	37.0 %	0.1 %
Local Private Line Service	\$1,217.1	1.3	\$2.2	0.0	\$1,219.2	1.0	0.2
Cellular, PCS, Paging & Other Mobile	\$17,429.1	18.5	\$1,066.7	3.8	\$18,495.8	15.1	5.8
Alternative Access and Other	\$9,253.4	9.8	\$1,157.2	4.2	\$10,410.7	8.5	11.1
Total Local Revenues	\$73,034.1	77.3	\$2,252.9	8.1	\$75,287.0	61.6	3.0
Interstate Access	\$4.5	0.0	\$24,746.7	89.3	\$24,751.1	20.3	100.0
Intrastate Access	\$8,983.7	9.5	\$0.0	0.0	\$8,983.7	7.4	0.0
Total Access Revenues	\$8,988.2	9.5	\$24,746.7	89.3	\$33,734.8	27.6	73.4
Operator Service, Pay Telephone & Card	\$1,617.7	1.7	\$30.7	0.1	\$1,648.4	1.3	1.9
Non-Operator Switched Toll Service	\$9,649.3	10.2	\$456.4	1.6	\$10,105.7	8.3	4.5
Long Distance Private Line Service	\$888.0	0.9	\$19.6	0.1	\$907.6	0.7	2.2
All Other Long Distance	\$285.9	0.3	\$203.4	0.7	\$489.3	0.4	41.6
Total Toll Revenues	\$12,440.9	13.2	\$710.1	2.6	\$13,151.0	10.8	5.4
Total Carrier Revenue	\$94,463.1	100.0	\$27,709.7	100.0	\$122,172.9	100.0	22.7

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 14  Local Exchange Carriers (LECs) (Dollar amounts shown in millions)						
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue	
Local Exchange Service	\$44,994.8	58.5 %	\$22.8	0.1 %	\$45,017.6	43.8 %	0.1 %
Local Private Line Service	\$1,178.7	1.5	\$0.4	0.0	\$1,179.1	1.1	0.0
Cellular, PCS, Paging & Other Mobile	\$230.6	0.3	\$2.0	0.0	\$232.6	0.2	0.9
Alternative Access and Other	\$9,177.0	11.9	\$986.6	3.8	\$10,163.6	9.9	9.7
Total Local Revenues	\$55,581.1	72.3	\$1,011.8	3.9	\$56,592.9	55.0	1.8
Interstate Access	\$4.5	0.0	\$24,464.9	94.2	\$24,469.4	23.8	100.0
Intrastate Access	\$8,924.2	11.6	\$0.0	0.0	\$8,924.2	8.7	0.0
Total Access Revenues	\$8,928.6	11.6	\$24,464.9	94.2	\$33,393.6	32.5	73.3
Operator Service, Pay Telephone & Card	\$1,609.0	2.1	\$20.6	0.1	\$1,629.5	1.6	1.3
Non-Operator Switched Toll Service	\$9,622.0	12.5	\$431.3	1.7	\$10,053.3	9.8	4.3
Long Distance Private Line Service	\$888.0	1.2	\$13.3	0.1	\$901.3	0.9	1.5
All Other Long Distance	\$221.2	0.3	\$28.7	0.1	\$250.0	0.2	11.5
Total Toll Revenues	\$12,340.2	16.1	\$493.8	1.9	\$12,834.0	12.5	3.8
Total Carrier Revenue	\$76,849.9	100.0	\$25,970.5	100.0	\$102,820.5	100.0	25.3

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 15 Competitive Access Providers (CAPs) & Competitive LECs (CLECS) (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$104.6	45.8 %	\$1.7	0.4 %	\$106.3	17.1 %	1.6 %	
Local Private Line Service	\$32.4	14.2	\$1.6	0.4	\$34.0	5.5	4.7	
Cellular, PCS, Paging & Other Mobile	**	0.0	**	0.0	**	0.0	100.0	
Alternative Access and Other	\$67.6	29.6	\$151.3	38.3	\$218.9	35.1	69.1	
Total Local Revenues	**	0.0	**	0.0	**	0.0	43.1	
Interstate Access	\$0.0	0.0	\$221.6	56.2	\$221.6	35.6	100.0	
Intrastate Access	\$14.0	6.1	\$0.0	0.0	\$14.0	2.2	0.0	
Total Access Revenues	\$14.0	6.1	\$221.6	56.2	\$235.6	37.8	94.1	
Operator Service, Pay Telephone & Card	**	0.0	**	0.0	**	0.0	70.0	
Non-Operator Switched Toll Service	\$9.8	4.3	\$18.3	4.6	\$28.1	4.5	65.1	
Long Distance Private Line Service	**	0.0	**	0.0	**	0.0	100.0	
All Other Long Distance	**	0.0	**	0.0	**	0.0	43.4	
Total Toll Revenues	\$12.7	5.5	\$29.2	7.4	\$41.8	6.7	69.8	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	63.7	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 16 Cellular and Personal Communications Service (PCS) Carriers (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$13.8	0.1 %	\$0.3	0.0 %	\$14.2	0.1 %	2.4 %	
Local Private Line Service	**	0.0	**	0.0	**	0.0	55.6	
Cellular, PCS, Paging & Other Mobile	\$16,082.0	99.0	\$815.2	83.9	\$16,897.2	98.2	4.8	
Alternative Access and Other	\$8.8	0.1	\$19.3	2.0	\$28.2	0.2	68.6	
Total Local Revenues	**	0.0	**	0.0	**	0.0	4.9	
Interstate Access	\$0.0	0.0	\$32.1	3.3	\$32.1	0.2	100.0	
Intrastate Access	\$45.3	0.3	\$0.0	0.0	\$45.3	0.3	0.0	
Total Access Revenues	\$45.3	0.3	\$32.1	3.3	\$77.4	0.4	41.5	
Operator Service, Pay Telephone & Card	\$6.3	0.0	\$5.2	0.5	\$11.5	0.1	45.0	
Non-Operator Switched Toll Service	\$16.8	0.1	\$6.0	0.6	\$22.8	0.1	26.2	
Long Distance Private Line Service	*	0.0	\$0.7	0.1	\$0.7	0.0	94.6	
All Other Long Distance	\$63.8	0.4	\$92.6	9.5	\$156.5	0.9	59.2	
Total Toll Revenues	\$87.0	0.5	\$104.4	10.8	\$191.4	1.1	54.6	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	5.6	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\* Denotes amounts between \$1 and \$50,000.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 17 Paging and Other Mobile Service Carriers (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$21.2	1.9 %	\$2.1	0.7 %	\$23.3	1.6 %	8.9 %	
Local Private Line Service	**	0.0	**	0.0	**	0.0	0.0	
Cellular, PCS, Paging & Other Mobile	\$1,116.5	98.1	\$249.4	89.0	\$1,365.9	96.3	18.3	
Alternative Access and Other	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Total Local Revenues	**	0.0	**	0.0	**	0.0	18.0	
Interstate Access	\$0.0	0.0	\$28.0	10.0	\$28.0	2.0	100.0	
Intrastate Access	\$0.3	0.0	\$0.0	0.0	\$0.3	0.0	0.0	
Total Access Revenues	\$0.3	0.0	\$28.0	10.0	\$28.2	2.0	99.0	
Operator Service, Pay Telephone & Card	**	0.0	**	0.0	**	0.0	49.8	
Non-Operator Switched Toll Service	\$0.6	0.1	\$0.9	0.3	\$1.5	0.1	58.8	
Long Distance Private Line Service	**	0.0	**	0.0	**	0.0	100.0	
All Other Long Distance	**	0.0	**	0.0	**	0.0	100.0	
Total Toll Revenues	\$1.0	0.1	\$82.7	29.5	\$83.7	5.9	98.8	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	24.0	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 18 Regional Bell Operating Companies (RBOCs) (Dollar amounts shown in millions)						
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue	
Local Exchange Service	\$35,224.5	62.4 %	\$0.0	0.0 %	\$35,224.5	46.9 %	0.0 %
Local Private Line Service	\$932.7	1.7	\$0.3	0.0	\$933.0	1.2	0.0
Cellular, PCS, Paging & Other Mobile	\$79.2	0.1	\$0.0	0.0	\$79.2	0.1	0.0
Alternative Access and Other	\$6,126.0	10.9	\$670.4	3.6	\$6,796.5	9.1	9.9
Total Local Revenues	\$42,362.4	75.1	\$670.7	3.6	\$43,033.2	57.3	1.6
Interstate Access	\$0.5	0.0	\$17,567.5	94.5	\$17,567.9	23.4	100.0
Intrastate Access	\$4,963.3	8.8	\$0.0	0.0	\$4,963.3	6.6	0.0
Total Access Revenues	\$4,963.7	8.8	\$17,567.5	94.5	\$22,531.2	30.0	78.0
Operator Service, Pay Telephone & Card	\$1,382.3	2.4	\$16.0	0.1	\$1,398.3	1.9	1.1
Non-Operator Switched Toll Service	\$6,970.0	12.3	\$339.1	1.8	\$7,309.1	9.7	4.6
Long Distance Private Line Service	\$693.6	1.2	\$0.2	0.0	\$693.8	0.9	0.0
All Other Long Distance	\$71.8	0.1	\$0.8	0.0	\$72.6	0.1	1.1
Total Toll Revenues	\$9,117.7	16.2	\$356.2	1.9	\$9,473.9	12.6	3.8
Total Carrier Revenue	\$56,443.9	100.0	\$18,594.3	100.0	\$75,038.2	100.0	24.8

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 19 Independent Local Exchange Carriers (Dollar amounts shown in millions)						
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue	
Local Exchange Service	\$9,770.4	47.9 %	\$22.8	0.3 %	\$9,793.1	35.2 %	0.2 %
Local Private Line Service	\$246.0	1.2	\$0.1	0.0	\$246.1	0.9	0.1
Cellular, PCS, Paging & Other Mobile	\$151.4	0.7	\$2.0	0.0	\$153.4	0.6	1.3
Alternative Access and Other	\$3,050.9	15.0	\$316.2	4.3	\$3,367.1	12.1	9.4
Total Local Revenues	\$13,218.6	64.8	\$341.1	4.6	\$13,559.7	48.8	2.5
Interstate Access	\$4.0	0.0	\$6,897.5	93.5	\$6,901.5	24.8	99.9
Intrastate Access	\$3,960.9	19.4	\$0.0	0.0	\$3,960.9	14.3	0.0
Total Access Revenues	\$3,964.9	19.4	\$6,897.5	93.5	\$10,862.4	39.1	63.5
Operator Service, Pay Telephone & Card	\$226.6	1.1	\$4.5	0.1	\$231.2	0.8	2.0
Non-Operator Switched Toll Service	\$2,652.1	13.0	\$92.1	1.2	\$2,744.2	9.9	3.4
Long Distance Private Line Service	\$194.3	1.0	\$13.1	0.2	\$207.4	0.7	6.3
All Other Long Distance	\$149.5	0.7	\$27.9	0.4	\$177.4	0.6	15.7
Total Toll Revenues	\$3,222.5	15.8	\$137.7	1.9	\$3,360.2	12.1	4.1
Total Carrier Revenue	\$20,406.0	100.0	\$7,376.2	100.0	\$27,782.2	100.0	26.6

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 20 Wireless Carriers: Cellular, PCS, Paging and Other Mobile (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$35.0	0.2 %	\$2.4	0.2 %	\$37.4	0.2 %	6.4 %	
Local Private Line Service	\$5.9	0.0	\$0.1	0.0	\$6.0	0.0	1.8	
Cellular, PCS, Paging & Other Mobile	\$17,198.5	98.9	\$1,064.5	79.8	\$18,263.1	97.6	5.8	
Alternative Access and Other	\$8.8	0.1	\$19.3	1.5	\$28.2	0.2	68.6	
Total Local Revenues	\$17,248.3	99.2	\$1,086.4	81.5	\$18,334.7	98.0	5.9	
Interstate Access	\$0.0	0.0	\$60.1	4.5	\$60.1	0.3	100.0	
Intrastate Access	\$45.5	0.3	\$0.0	0.0	\$45.5	0.2	0.0	
Total Access Revenues	\$45.5	0.3	\$60.1	4.5	\$105.7	0.6	56.9	
Operator Service, Pay Telephone & Card	\$6.7	0.0	\$5.6	0.4	\$12.3	0.1	45.3	
Non-Operator Switched Toll Service	\$17.4	0.1	\$6.9	0.5	\$24.3	0.1	28.2	
Long Distance Private Line Service	*	0.0	\$0.7	0.1	\$0.7	0.0	95.0	
All Other Long Distance	\$63.8	0.4	\$174.0	13.0	\$237.8	1.3	73.2	
Total Toll Revenues	\$88.0	0.5	\$187.1	14.0	\$275.1	1.5	68.0	
Total Carrier Revenue	\$17,381.9	100.0	\$1,333.6	100.0	\$18,715.5	100.0	7.1	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\* Denotes amounts between \$1 and \$50,000.



Telecommunications Industry Revenue:  TRS Fund Worksheet Data 1995	Table 21  Pay Telephone Providers (Dollar amounts shown in millions)							
	Intrastate		Interstate		Intrastate + Interstate		Interstate as % of Total Revenue in Category	
	Revenue	As Percent of Total Intrastate Revenue	Revenue	As Percent of Total Interstate Revenue	Revenue	As Percent of Total Carrier Revenue		
Local Exchange Service	\$7.4	3.0 %	\$0.6	0.6 %	\$8.0	2.3 %	7.1 %	
Local Private Line Service	**	0.0	**	0.0	**	0.0	50.0	
Cellular, PCS, Paging & Other Mobile	\$0.0	0.0	\$0.0	0.0	\$0.0	0.0	n.a.	
Alternative Access and Other	**	0.0	**	0.0	**	0.0	15.0	
Total Local Revenues	\$7.9	3.2	\$1.0	1.0	\$8.9	2.6	11.1	
Interstate Access	\$0.0	0.0	\$6.5	6.4	\$6.5	1.9	100.0	
Intrastate Access	\$3.4	1.4	*	0.0	\$3.4	1.0	0.0	
Total Access Revenues	\$3.4	1.4	\$6.5	6.4	\$9.9	2.8	66.1	
Operator Service, Pay Telephone & Card	\$136.6	55.2	\$49.0	48.3	\$185.6	53.2	26.4	
Non-Operator Switched Toll Service	\$79.1	32.0	\$2.3	2.3	\$81.4	23.4	2.8	
Long Distance Private Line Service	**	0.0	**	0.0	**	0.0	100.0	
All Other Long Distance	\$20.8	8.4	\$43.0	42.4	\$63.8	18.3	67.5	
Total Toll Revenues	**	0.0	**	0.0	**	0.0	28.5	
Total Carrier Revenue	**	100.0	**	100.0	**	100.0	29.1	

Figures may not add due to rounding and amounts that have been withheld to preserve confidentiality of individual carrier data.

\* Denotes amounts between \$1 and \$50,000. \*\* Denotes amounts that have been omitted to preserve carrier confidentiality.

Table 22

**Average Total Telecommunications Revenue  
Reported by Class of Carrier  
(\$000)**

Telecommunications Industry Revenue: TRS Fund Worksheet Data 1995	Number of Carriers in Class	Average Total Telecommunications Revenue							Five Largest Carriers as a % of Total Revenue for class of Carrier
		All Carriers in Class	Highest Fifth of Carriers	Second Fifth of Carriers	Third Fifth of Carriers	Fourth Fifth of Carriers	Lowest Fifth of Carriers	Five Largest Carriers in Class	
Type of Carrier									
Competitive Access Providers (CAPs) & Competitive LECs (CLECs)	57	\$11,175	\$55,128	\$1,933	\$518	\$129	\$13	\$109,438	85.9
Cellular Service Carriers & Personal Communications Service (PCS)	792	\$21,388	\$89,278	\$9,952	\$4,478	\$2,454	\$970	\$670,722	19.8
Interexchange Carriers (IXCs)	130	\$545,687	\$2,702,050	\$17,470	\$6,615	\$2,041	\$259	\$13,605,515	95.9
Local Exchange Carriers (LECs)	1347	\$76,291	\$373,563	\$4,773	\$2,158	\$1,078	\$428	\$9,474,180	46.1
Paging and Other Mobile Carriers	138	\$10,920	\$40,976	\$8,969	\$3,456	\$628	\$133	\$109,769	36.4
Operator Service Providers	25	\$20,426	\$74,973	\$15,694	\$7,751	\$2,740	\$970	\$74,973	73.4
Other Carriers	30	\$26,385	\$105,300	\$20,912	\$4,579	\$867	\$266	\$119,101	75.2
Pay Telephone Operators	271	\$1,290	\$5,963	\$373	\$107	\$25	\$3	\$43,188	61.8
Pre-paid Calling Card	8	\$2,367	\$4,404	\$3,787	\$2,505	\$825	\$251	\$3,521	93.0
Toll Resellers	260	\$16,231	\$65,833	\$10,494	\$3,779	\$932	\$120	\$269,196	31.9

Customer Response Survey

Publication: Telecommunications Industry Revenue: TRS Fund Worksheet Data, 12/96

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        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Data presentation    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Timeliness of data   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Completeness of data | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Text clarity         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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3. Overall, how do you rate this report?      Excellent      Good      Satisfactory      Poor      No opinion

                      

4. How can this report be improved?

5. May we contact you to discuss possible improvements?

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To discuss the information in this report, contact:  
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