

TABLE II - SWITCHED ACCESS LINES IN SERVICE
GENERAL INSTRUCTIONS

Table II requires the annual reporting of central office switches and switched access line statistics by state as of December 31 of the calendar year covered by the report.

Report in Table II only those access lines connecting end users with their end offices for switched services. Access lines are classified as analog or digital based on the type of service provided. Include 800 and 800-like access lines and employee concession lines but do **NOT** include official/company circuits in the access line counts. **Provide a footnote if this has been done differently in the past.** Do not include in Table II circuits that provide access to an interexchange carrier. Do not include in Table II any special access lines, including the closed end of WATS and FX; all special access lines should be included in Table III, column (fj) or (fk). All local private lines should be included in Table III, column (fm).

Include footnotes in the Footnote Table liberally, especially where the reporting company perceives any ambiguities in the data provided, where procedures or internal sources associated with data preparation have changed (including data filed in compliance with revised definitions), or where required data are available only in part or on an estimated basis.

Any row/column data entry which contains UNE data must be accompanied by an explanatory footnote identifying the types of UNEs (e.g., "UNE-P") that are included.

ROW INSTRUCTIONS

Each row represents a state, district or territory in which the reporting company has switched access lines. Include only those rows with data to be reported, but complete every item in those rows. Include a row for total company data, even if there is only one state row. See the State Row Numbers and Codes Reference Table for assigned row numbers and codes and for the correct order in which the rows shall appear.

COLUMN DESCRIPTIONS

Each column represents a category of switched access lines, central office switches, or ISDN control channels.

COLUMN

- (ca) State or Territory - The name of one of the fifty U.S. states or one of the following: District of Columbia, Northern Mariana Islands, Puerto Rico, Virgin Islands, or Total.
- (cb) State or Territory Code - The two-letter Postal Abbreviation for the state or territory. Use "MC" for Northern Mariana Islands and "TO" for Total Company.
- (cc) Main Access Lines - Enter the total number of (a) analog switched access lines, provided over 4 kHz or equivalent facilities, that connect to residential, single

or multiline business telephones, excluding PBX Trunks, Centrex-CO lines, Centrex-CU Trunks, and Hotel/Motel LD Trunks, and (b) digital switched access lines provided over 64 kbps, 56 kbps, or ISDN B channels or other equivalent communications channels that are circuit-switched and can carry either voice or data, excluding digital access lines connecting to a customer location PBX or Centrex. Do not include resold services, which are to be included in column (ci) – Other Switched Access Lines.

- (cd) PBX and Centrex Trunks - Enter the total number of (a) analog trunks provided between the central office and a customer location PBX or Centrex, including Centrex-CU Trunks, PBX Trunks, and Hotel/Motel LD Trunks over 4 kHz or equivalent facilities, where service is provided by equipment located on customer-controlled space, and (b) 64 kbps or equivalent digital trunks terminated on a customer location PBX and/or Centrex, including Centrex-CU trunks. Do not include resold services, which are to be included in column (ci) – Other Switched Access Lines.
- (ce) Centrex Extensions - For service that is provided by equipment connecting a Centrex-CO on telephone company premises to station equipment on the customer's premises, including service provided by a digital Centrex to analog station equipment, enter the total number of analog circuits and 64 kbps or equivalent digital circuits, including ISDN-based Centrex-CO Lines. Do not include resold services, which are to be included in column (ci) – Other Switched Access Lines.
- (ci) Other Switched Access Lines - Provide, in terms of equivalent 4 kHz analog circuits or equivalent 64 kbps digital circuits, the number of other switched access lines not included in columns (cc) through (ce). Include resold telephone exchange service lines. **Use a footnote to itemize the separate categories and amounts which are included here.**
- (cj) Total Switched Access Lines - The sum of columns (cc) through (ci). This shall equal the amount reported in Table III column (fi).

Central Office Switches - Assemblies of equipment and software designed to establish connections among lines or between lines and trunks, including access tandems, local, class 5 switching machines, and any associated stand-alone and non stand-alone remote switching machines. There may be more than one switch per central office or wire center. If more than one switch is housed in a single building or structure, be sure to count each switch separately. Do not separately count each three-digit telephone number prefix as a separate switch.

- (ck) Central Office Switches Excluding Remote Switches - The amount in column (cm) minus the amount in column (cl) for each row.
- (cl) Remote Switches - Generally described as a switch that has no connection to the facilities network except through its host switch. The host provides the processing capabilities and certain control functions for the remote under the direction of the host central processor and controls the remote over a pair of

dedicated data links. Include not only those remote switches that are equipped to operate in a stand alone fashion to be able to provide more limited service, but also those that are not so equipped, i.e., non stand-alone remote switches.

- (cm) Total Central Office Switches - The total number of local and tandem switches. Tandem switches are used to connect local switches with local switches in other central offices, including those tandems that are designed exclusively to establish connections between trunks. This column is consistent with Row 0110, Total Switching Entities, in Table I of FCC Report 43-07, the ARMIS Infrastructure Report.

ISDN Control Channels - The packet switched channels on digital subscriber lines (16 kbps for basic rate access or 64 kbps for primary rate access) that carry signaling messages and packet-switched user data. This information should be reported in terms of actual control channels rather than in 64 kbps equivalents (as was requested for 1988 through 1990) and should not be included in the total reported in column (cj). Where ISDN services are provided, use column (cn) and (co) to show the number of 16 kbps and 64 kbps control channels. **For similar services, provide the total number of control channels and indicate the types included in a footnote.**

- (cn) Basic Rate ISDN Control Channels - The number of basic rate (16 kbps) ISDN control channels. Also include the number of control channels for similar services with a data rate lower than 16 kbps, and **indicate the types included in a footnote.**
- (co) Primary Rate ISDN Control Channels - The number of primary rate (64 kbps) ISDN control channels. Also include the number of control channels for similar services with a data rate higher than 16 kbps, and **indicate the types included in a footnote.**

TABLE III - ACCESS LINES IN SERVICE BY CUSTOMER

GENERAL INSTRUCTIONS

Table III requires the annual reporting of switched and special access line statistics by state as of December 31 of the calendar year covered by the report.

Report in Table III columns (fc) through (fi) only those access lines connecting end users with their end offices for switched services, i.e., all equivalent 4 kHz or 64 kbps access lines included in Table II columns (cc) through (cj). Report special access lines, including the closed end of WATS and FX, that provide access to an interexchange carrier or other access customer in Table III column (fj) or column (fk).

Include 800 and 800-like access lines, resold telephone exchange service lines, and employee concession lines but do **NOT** include official/company circuits in the access line counts. **Provide a footnote if this has been done differently in the past.** Analog access lines should be reported as 4 kHz equivalents. ISDN and other digital access lines should be reported as 64 kbps equivalents. A fully equipped DS-1 line, for example, corresponds to 24 64 kbps equivalents.

Include footnotes in the Footnote Table liberally, especially where the reporting company perceives any ambiguities in the data provided, where procedures or internal sources associated with data preparation have changed (including data filed in compliance with revised definitions), or where required data are available only in part or on an estimated basis.

Any row/column data entry which contains UNE data must be accompanied by an explanatory footnote identifying the types of UNEs (e.g., "UNE-P") that are included.

ROW INSTRUCTIONS

Each row represents a state, district or territory in which the reporting company has access lines. Include only those rows with data to be reported, but complete every item in those rows. Include a row for total company data, even if there is only one state row. See the State Row Numbers and Codes Reference Table for assigned row numbers and codes and for the correct order in which the rows shall appear.

COLUMN DESCRIPTIONS

Each column represents a category of switched or special access lines.

COLUMN

- (fa) State or Territory - The name of one of the fifty U.S. states or one of the following: District of Columbia, Northern Mariana Islands, Puerto Rico, Virgin Islands, or Total.
- (fb) State or Territory Code - The two-letter Postal Abbreviation for the state or territory. Use "MC" for Northern Mariana Islands and "TO" for Total Company.

Business Switched Access Lines - Total voice-grade equivalent analog or digital switched access lines to business customers.

- (fc) Single Line Business Switched Access Lines - Includes single line business access lines subject to the single line business interstate end user common line charge, pursuant to Section 69.104(h), excluding company official and payphone lines. Payphone lines are to be reported in column (fe) - Multiline Business Switched Access Lines - Payphone Lines. The ratio of single line business access lines to total business access lines, as calculated from the data reported in Table III (i.e., column (fc) divided by the sum of columns (fc), (fd), and (fe)), should be consistent with the same ratio as calculated from the data reported in ARMIS Report 43-01, Table II.
- (fd) Multiline Business Switched Access Lines - Other than Payphone Lines - Include the total of analog and digital multiline business access lines subject to the multiline business interstate end user common line charge including PBX trunks, Centrex-CU trunks, hotel/motel LD trunks and Centrex-CO lines. Payphone lines are to be reported in column (fe) - Multiline Business Switched Access Lines - Payphone Lines. The ratio of multiline business access lines, including payphone lines, to total business access lines, as calculated from the data reported in Table III, (i.e., the sum of columns (fd) and (fe) divided by the sum of columns (fc), (fd), and (fe)), should be consistent with the same ratio as calculated from the data reported in ARMIS Report 43-01, Table II.
- (fe) Multiline Business Switched Access Lines - Payphone Lines - Lines that provide payphone service, i.e., total coin (public and semi-public) lines, including customer owned pay telephones (COPT).

Residential Switched Access Lines - Total equivalent analog or digital switched access lines to residential customers. The sum of residential access lines reported in columns (ff), (fg), and (fh) should be consistent with the total of the data reported for residence lifeline and non-lifeline access lines in the ARMIS Annual Summary Report (43-01), Table II, column (bb), row 2100 plus row 2110.

- (ff) Residential Switched Access Lines - Lifeline - Total of all (a) equivalent 4 kHz analog switched access lines and (b) equivalent 64 kbps digital switched access lines as reported in Table II, that are provided to residential lifeline customers.
- (fg) Residential Switched Access Lines - Non-Lifeline - Primary - Total of all primary (a) equivalent 4 kHz analog switched access lines and (b) equivalent 64 kbps digital switched access lines as reported in Table II, that are provided to residential non-lifeline customers. *See In the Matter of Defining Primary Lines*, Report and Order & Further Notice of Proposed Rulemaking, CC Docket 97-181, FCC 99-28, released March 10, 1999.
- (fh) Residential Switched Access Lines - Non-Lifeline - Non-Primary - Total of all non-primary (a) equivalent 4 kHz analog switched access lines and (b) equivalent 64 kbps digital switched access lines as reported in Table II, that are

provided to residential non-lifeline customers. *See In the Matter of Defining Primary Lines*, Report and Order & Further Notice of Proposed Rulemaking, CC Docket 97-181, FCC 99-28, released March 10, 1999.

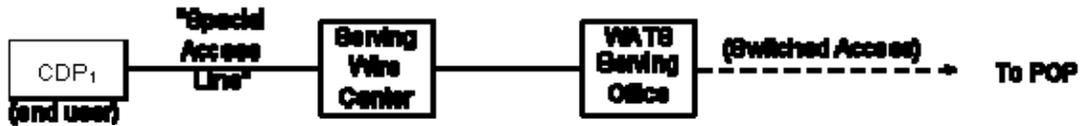
- (fi) Total Switched Access Lines - The sum of columns (fc) through (fh). This shall equal the amount reported in Table II column (cj).

Special Access Lines (Non-Switched) – Total special access lines connecting an end user’s premises to an interexchange carrier or other access customer point of presence. Do not include local private lines provided by the local carrier which originate and terminate within the same LATA, which are to be reported in column (fm) – Local Private Lines.. The access lines to be counted in columns (fj) and (fk) are those furnished by the reporting carrier under the provisions of the carrier’s state and interstate Special Access tariffs.

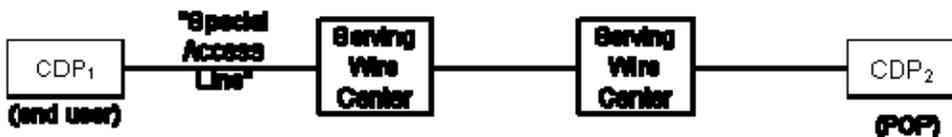
- (fj) Analog Special Access Lines (Non-Switched) (4 kHz or Equiv.) - The number of 4 kHz or equivalent analog special access lines terminated at the customer designated premises. For each 4 kHz or equivalent service configuration with only one customer designated premises, e.g., where the line connects to a WATS Serving Office, count one (1) access line. For each 4 kHz or equivalent service configuration with two or more customer designated premises locations, count one (1) access line for each customer designated premises location, and subtract one from that total—thus deducting the point-of-presence (POP) location—to obtain the correct count. **(See Figure 1, following.)**
- (fk) Digital Special Access Lines (Non-Switched) (64 kbps or Equiv.) - The number of 64 kbps or equivalent digital special access lines terminated at the customer designated premises. For each 64 kbps service configuration with only one customer designated premises, e.g., where the line connects to a WATS Serving Office, count one (1) access line. For each 64 kbps service configuration with two or more customer designated premises locations, count one (1) access line for each customer designated premises location, and subtract one from that total—thus deducting the point-of-presence (POP) location—to obtain the correct count. **(See Figure 1, following.)** Where DS-3 or DS-1 service is provided without individual 64 kbps circuit terminations, multiply the number of DS-3 terminations by 672 and the number of DS-1 terminations by 24 when calculating the value for this column. In the above calculation, only use those DS-1’s and DS-3’s for which the customer is billed. Do not double count 64 kbps circuits associated with DS-1 service where the 64 kbps circuits are customer-derived.
- (fl) Total Access Lines (Switched and Special) - The sum of columns (fi) through (fk).
- (fm) Local Private Lines - Enter the total number of local private lines. A local private line is defined as a special services circuit with either a serial number format or telephone number format.^[1] Local private lines include, e.g., dedicated circuits, private switching arrangements, and/or predefined transmission paths which provide communications between specific locations

(e.g., point-to-point communications), as well as foreign exchange (FX) and WATS services. For multipoint private line arrangements, count one circuit for each segment (connection between a bridge and an end user location). Do not count Special Access Service circuits. These are counted in columns (fj) and (fk) of this table.

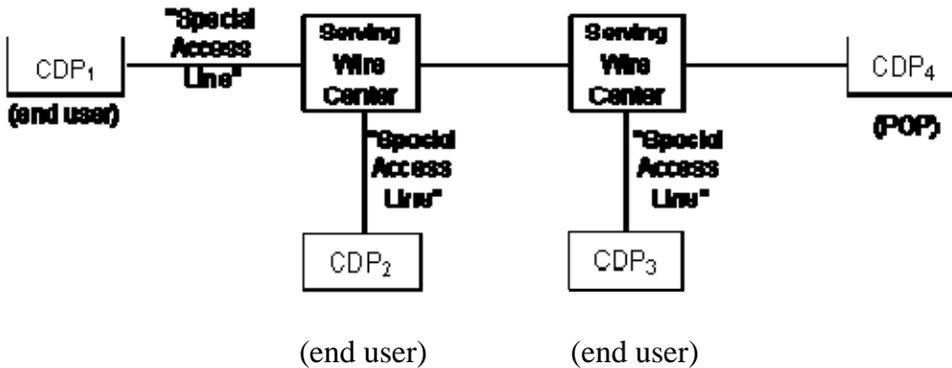
One-point circuit: count = 1 Special Access Line



Two-point circuit: count = (2 - 1) = 1 Special Access Line



N-point circuit: count = (N - 1) = (4 - 1) = 3 Special Access Lines



CDP = Customer Designated Premise, which may be either an end-user location or an Interexchange carrier (IXC) or other access customer location

POP = point of presence of an IXC or other access customer

Figure 1 – Special Access Line Counting Examples