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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

FCC CABLE TV RATE SURVEY DATABASE

STRUCTURE OF DATABASE
AND EXPLANATORY NOTES

MM Docket No. 92-266

March 30, 1994

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for the Office of Plans and Policy

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As described in the Technical Appendix of the Order being released today in MM Docket No. 92-266, the Cable Rate Survey Database currently includes 496 records and 234 variables of data on cable franchises. The first part of the database consists of data collected between December 1992 and February 1993. The 187 variables included from that survey are described in the document "FCC Cable TV Rate Survey Database, Structure of Database and Explanatory Notes, February 24, 1993," a slightly edited copy of which is attached hereto. As explained in the Technical Appendix, not all of the records originally included in the database remain in the database. The present document explains the 47 new variables that have been added to the database since then. These 47 variables include all of the variables that are included in the regressions whose estimates are contained in the Technical Appendix. However, in many cases these variables are computed from variables described in the earlier document.

A paper copy (1200 pages) of the database is being placed in the record along with this description. The page numbering on the paper copy is in the format xx-yy, where all variables for an individual record (observation) will be found on pages with the same value of xx, and all records for an individual variable will be found on pages with the same value of yy. The values of xx range from 1 to 30 and the values of yy range from 1 to 40. Thus pages 1-1 through 1-40 contain data for the first 17 records, and pages 1-1 through 30-1 contain data for the first 4 variables. The variables described in the February 23, 1993, document are found on pages xx-1 through xx-32. The variables described in this document are found on pages xx-32 through xx-40.

The database is available on 3 1/2 inch diskette. Two different versions are available on request. One diskette contains the database in fixed ASCII format in the file CABLE.DAT. The other diskette contains the database in dBase IV format in the file CABLE.DBF. Both contain this document in a WordPerfect 5.1 file CABLEDOC.WP and the edited February 24, 1993 document in a WordPerfect 5.1 file DBASEDOC.WP. Persons interested in this data should contact the Commission's copy service, International Transcription Service, Inc. (ITS) at (202) 857-3800. Questions about the documentation or the structure of the database should be addressed to the Office of Plans and Policy, FCC, at (202) 653-5940.

The new variables are in two groups. The first group consists of data obtained from the 1990 decennial Census of Population and Housing. The second group consists of variables computed from other variables in the database.

Census Data

The Census data is derived from information from the Bureau of Census on their Summary Tape File 3B, containing data by ZIP Code

Areas. The ZIP Codes in the 1990 Census data were matched with the ZIP Codes for the franchise areas which appear in **S1 ZIP**. In some cases no match could be made. In cases where the ZIP Code had changed since the 1990 Census, community names were found that matched the current ZIP Code. In cases where no data existed for a ZIP Code, for instance where it represented an office building, we used maps, street addresses, and a ZIP Code directory to find ZIP Codes of adjacent areas. The following are the variables used from the Census data.

ZIP90 ZIP code used from the 1990 Census data.

INCOME Median Household Income in 1989.

POVERTY Percent of the population below the poverty line.

TONGUE Percent of the population over the age of 5 who speak a language other than English.

POPULATI Total population.

URBAN Percent of the population residing in an urban area.

CHILD Percent of households with children.

OWNER Percent of housing units that are owner occupied.

WHITE Percent of the population that is white.

SINGLE Percent of households that consist of a single person.

Calculated Data

The remaining variables in the database are variables that have been calculated or constructed from other variables in the database. These are variables that are used in our final regression, variables used to compute the variables in our final regression, and some of the other variables excluded from the final regression but discussed in the Order. (Variables mentioned in passing in the Order as having been tried but excluded are not in this database if they can readily be calculated from variables that are in the database.) The following are the calculated and constructed variables.

MRIE Monthly revenue, including equipment revenue, weighted by tier subscribers. The construction of this variable is discussed in the Technical Appendix of the Order.

ARIEPS Average revenue, including equipment, per subscriber. Calculated as **MRIE / S7_1TS**. This is the dependent variable in the linear model.

LAR The natural logarithm of **ARIEPS**. This the dependent variable in the final regression.

LIN The natural logarithm of **INCOME**.

MSO The same as **S2_PARTM**. (Same data, different name.)

MSOSIZE The number of systems operated by the system operator. The same as **S2_MSONU** if **S2_PARTM** equals 1; and 1 if **S2_PARTM** equals 0.

LMS The natural logarithm of **MSOSIZE**.

PT2 The proportion of subscribers subscribing to Tier 2. Calculated as $S7_2TS / S7_1TS$.

PT3 The proportion of subscribers subscribing to Tier 3. Calculated as $S7_3TS / S7_1TS$.

ATC The average total number of channels, weighted by tier subscribers. Calculated as $S7_1TTOT + PT2 * S7_2TTOT + PT3 * S7_3TTOT$.

AVBCCH The average number of broadcast channels, weighted by tier subscribers. Calculated as $S7_1LTV + S7_1DTV + PT2 * (S7_2LTV + S7_2DTV) + PT3 * (S7_3LTV + S7_3DTV)$.

ANB The average number of non-broadcast channels, weighted by tier subscribers. Calculated as $ATC - AVBCCH$.

PNB The proportion of non-broadcast channels. Calculated as ANB / ATC .

RTC The reciprocal of total channels. Calculated as $1 / ATC$.

RHP The reciprocal of system households passed. Calculated as $1 / S2_HHPAS$.

RSS The reciprocal of system subscribers. Calculated as $1 / S2_HHSUB$.

PRM The proportion of franchise subscribers renting remote control units. Calculated as $S7_FYARC / S7_1TS$.

PAO The ratio of the number of additional outlets charged for to the number of franchise subscribers. Calculated as $S7_FYAAO / S7_1TS$.

PTC The ratio of the number of tier changes charged for to the number of franchise subscribers. Calculated as $S7_FYATC / S7_1TS$.

A1 A dummy variable which is 1 if the franchise has low penetration, based on the number households in the franchise, i.e., if $S5_HHSUB / S5_HH$ is less than .3, and 0 otherwise.

B A dummy variable which is 1 if the franchise is in the overbuild sample, and 0 otherwise.

C A dummy variable which is 1 if the franchise is in the municipal sample, and 0 otherwise.

ABC1 A dummy variable which is 1 if the franchise is in either the low penetration sample, the overbuild sample, or the municipal sample, and 0 otherwise.

BC A dummy variable which is 1 if the franchise is in either the overbuild sample or the municipal sample, and 0 otherwise.

CMUNIC A dummy variable which is 1 if the franchise is government owned, and 0 otherwise.

CPRIVATE A dummy variable which is 1 if the franchise is privately owned and competes against a government owned franchise.

OVERLAP The estimated proportion of households passed in the franchise area which are also passed by a competitor.

OVL The estimated proportion of households passed in the system which are also passed by a competitor, if $S9_SAMEP = 1$, and **OVERLAP** otherwise.

RANDOM A dummy variable which is 1 if the franchise is in the random sample, and 0 otherwise.

PRE_1 The predicted value of the dependent variable (**LAR**) in the final regression equation (see Table A-1 in the Technical Appendix).

RES_1 The residual in the final regression equation. Calculated as $LAR - PRE_1$.

COO_1 The Cook's distance in the final regression equation.

PRE1P The estimated average revenue per subscriber from the final regression equation. Calculated as e to the power PRE_1 , where e is the base of the natural logarithms.

INREGR A dummy variable which indicates that the observation is included in the final regression.

FILTER_\$ A dummy variable used as a filter to select observations in the SPSS regression package used in the

estimation process. (The values are the same as for **INREGR.**)

COMPTIME The estimated length of time (in years) during which overbuild competition has been in place, as measured by the age of the newest headend among the competitive systems operating in a franchise area.

OVLSTH The interaction between overlap and system size. Calculated as $OVL * S2_HHSUB / 1000$.

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STRUCTURE OF DATABASE
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MM Docket No. 92-266

February 24, 1993

(edited March 30, 1994)

In December 1992 the FCC issued Order No 92-545 which required certain cable system operators to provide rate and other information for selected franchise areas and systems. The information collected through the survey has been provided in computer database format. This document outlines the structure of the database and explains the variables in the database by relating them to questions in the survey form.

Survey responses

The FCC mailed out 748 forms in December 1992. The survey was sent to a 1 percent random sample of cable system franchise areas. In addition the survey was sent to three different targeted types of franchise area: franchise areas where there was apparently competition from another multichannel video provider; low penetration franchise areas (that is, those expected to have less than 30% penetration); and franchise areas in the largest systems. These four types of franchise area are indicated on the cover page of the survey form by the letters R (random), O (overbuild), S (small) or T (top one hundred). A small number of surveyed franchise areas fell into two categories.

By Wednesday, February 17, 1993, 708 responses were received. Of these, 21 were either duplicates or had insufficient information for processing, for instance because some systems were not operational. The original database therefore contained 687 responses (91.8% valid response rate). For cable systems with more than one franchise area, the questionnaire asked information concerning a second franchise area. Information was received for 420 different second franchise areas. There were, therefore, 1107 different franchise area responses.

Many responses did not have complete information. In particular most records did not have information relating to 1986 rates, channels and subscribers or only have part of this information. However almost all records had complete information relating to 1992 rates, channels, and subscribers, as well as information describing the system and the franchise area(s).

Responses from competitive franchise areas

Both franchise areas in each response are classified on the basis of the answers to Schedule 4 (the type of competition, if any) and further telephone and other checks. There were 79 franchise areas with type A competition, that is less than 30% penetration. There were 46 franchise areas with type B competition (50% households passed and 15% subscribers). And there were 16 type C franchise areas (service provided by a franchise authority with 50% households passed). In addition there were also 104 franchise area responses with some degree of competition indicated in the responses to Schedule 4 but where further checks indicated that the extent of effective competition was unlikely

to pass the legislative definitions of "effective competition."

Franchise area responses have been assigned codes according to the type of effective competition indicated by the response to Schedule 4 and further checks. The codes are A, B, C (for the type of effective competition), N (for no effective competition) or NB (for some competition indicated but unlikely to meet the legislative definition). The competition code in the database appears after the response to line 14 on Schedule 5 (for the first franchise area) and after line 14 on Schedule 10 (for the second franchise area).

Structure of the survey form

The survey was addressed to a selected franchise area, however it required information to be provided for:

- (i) the selected franchise area;
- (ii) the whole cable system to which it belongs; and
- (iii) one other franchise area in the same cable system.

There are 13 schedules in the survey:

SCHEDULE 1	CABLE SYSTEM INFORMATION
SCHEDULE 2	CABLE SYSTEM CHARACTERISTICS
SCHEDULE 3	CABLE SYSTEM ANNUAL REVENUE
SCHEDULE 4	COMPETITION IN FRANCHISE AREAS
SCHEDULE 5	FIRST FRANCHISE AREA: CHARACTERISTICS
SCHEDULE 6	FIRST FRANCHISE AREA: FRANCHISE FEES AND CHARGES
SCHEDULE 7	FIRST FRANCHISE AREA: 1992 CHANNELS AND CHARGES
SCHEDULE 8	FIRST FRANCHISE AREA: 1986 CHANNELS AND CHARGES
SCHEDULE 9	SECOND FRANCHISE AREA SERVED BY SYSTEM
SCHEDULE 10	SECOND FRANCHISE AREA: CHARACTERISTICS
SCHEDULE 11	SECOND FRANCHISE AREA: FRANCHISE FEES AND CHARGES
SCHEDULE 12	SECOND FRANCHISE AREA: 1992 CHANNELS AND CHARGES
SCHEDULE 13	SECOND FRANCHISE AREA: 1986 CHANNELS AND CHARGES

Schedules 1 through 4 provide information for the whole cable system including the franchise area to which the questionnaire was addressed and all other franchise areas in the same system. Schedules 5 through 8 provide information for the franchise area to which this survey was addressed. This franchise area is referred to as the first franchise area. Schedule 9 was mainly used to select a second franchise area in the same system but also provides information about prices and channel lineup between franchise areas in the same system. Schedules 10 through 13 provide information on the second franchise.

Where prices or channels are the same for all franchise areas served by the system, the survey did not require responses to

Schedule 12 and Schedule 13 for the second franchise area. If the system has only one franchise area there will be no information in Schedules 9 through 13.

In these notes the abbreviation, SxLx, refers to Schedule number (x) and Line number (x) of certain line items of information. (For instance, line 10 in Schedule 5 is referred to as S5L10.)

Structure of the database

In the SPSS parlance each column in the database contains a different type of "variable" (or field) with a different type of data. Each row contains a different "case" (or record) with a different franchise area response.

There are 187 variables (or fields) in the database each forming a different column. The variables are mainly items of information from the lines on the survey form. They are identified by variable names each of which is prefixed by the Schedule number from which the data is derived. The relationship between the variables and the survey form is outlined in the next section.

687 survey responses were entered. Of these, 420 have a second franchise area which is identified in S1 and S9. Information for the second franchise area is provided in parts of S1 (mainly L4 to L12) and in S9 to S13. There were 1107 franchise area responses.

A separate case (or record) has been created for each franchise area response. There were thus 1107 cases in the database, 687 with data from the first franchise area and another 420 with data from the second franchise area. The two types of cases have mostly, but not entirely, the same type of data.

The two types of cases are identified in a number of ways: the variable called RECORDTY has a value of "1" or a "2", respectively, for cases representing the first or second franchise area response; the variable called S1_FS1 has a value of "F" or an "S", respectively, for the first or second franchise area response. In the random sample, the first franchise area is the one that was randomly selected.

Two cases from the same survey response are linked in that both have the same exclusive community unit ID number. This is the variable called CP_COMMU. This variable is the community unit ID number which is printed on the label of the cover page of the survey form.

Cases from the first franchise area response contain the data from the cover page and the following schedules on the survey form:

S1 S2 S3 S4 S5 S6 S7 S8 S9.

Cases from the second franchise area response contain data from the cover page and the following schedules on the survey form:

S1 S2 S3 S10 S11 S12 S13.

Data from the cover page and S1L1, S1L3 and S1L13 appears in both cases: that is, it is duplicated for each two cases which come from franchise area responses on the same survey form. Data from S1L4 to S1L12 is not duplicated: only the data from these lines relating to the first franchise area is contained in the first case; only the data from these lines relating to the second franchise area response is contained in the second case. Data on S2 and S3 appears in both cases; again it is duplicated. Data from S4, S5, S6, S7, S8, and S9 appears only in the first case.

Data from S10, S11, S12 and S13 appears only in the second case. Since each variable in S10, S11, S12 and S13 is of the same type as each variable in S5, S6, S7 and S8, they are provided in the same columns, that is directly below the same variable from the first franchise area response. The general database structure is outlined in Figure 1.

Where survey responses have indicated in S9 that the rate and channel line-up is the same through-out the system, the rate and channel data has been copied from S7 to S12. That is, it has been copied from the first case to the second case. Volume data, such as the number of subscribers and installations has not been copied.

CASE 1	S1	S2	S3	S4	S5	S6	S7	S8	S9
CASE 1	S1	S2	S3	..	S10	S11	S12	S13	..

Figure 1 Outline of general database structure

Database Variables

As noted, the different line data types are shown as variables (or fields) in different columns; each variable has a different variable name for each different line item of information. The variable names are listed in the notes below on the relevant line item in each Schedule of the survey.

Some lines in the survey required a Yes or No response. These are entered as "Y" or "N" on the database and are indicated by "YN" in the following notes. Some lines which required a written response have been entered as a "Y", indicating a response, or an "N", indicating no response. These lines are indicated by **YN** in

the following notes. Other line item responses have not been entered. These are indicated by **NE** in the notes.

Some additional items of information have been coded by editors on the basis of certain responses and follow-up checks. These will be indicated in the notes in the same position respective to other line items as their position in the database.

As noted, data from S10, S11, S12 and S13 corresponds with data from S5, S6, S7, and S8 in the corresponding lines. Thus there is only one set of variable names which applies to both sets of data. In the notes below, S5 is combined with S10, S6 with S11, S7 with S12, and S8 is combined with S13.

Database Variable Names

The first variable shows whether the record is for the first franchise area or the second franchise area. The first is shown as "1" and the second is "2". The variable name is

RECORDTY

SURVEY FORM COVER PAGE

Community Unit ID number on the label

CP_COMMU

The Sample Type (R O S T) on the label

CP_SAMPL

SCHEDULE 1

CABLE SYSTEM INFORMATION

Line	Item:	
1	Legal name of cable system	S1_LEGAL
2	System is "Doing Business As"	NE
3	City or town, county State in which system is located	S1_CITY S1_COUNT S1_STATE
	List all communities served by this system, zip code of community, Community Unit ID Number and the name of each community's Franchise Authority	
	Community	Zip Code Community Unit ID No Franchise Authority
4		
5		

The number of communities listed in lines 1 to 4

S1_TOTFR

The responses in lines 4 to 12 have been entered for only two communities: the first one, which is the community listed in Schedule 5; and the second one, which is the community listed in Schedule 10.

<u>Data Item</u>	<u>Variable Name</u>
Community Name	S1_COMMU
Zip Code	S1_ZIP
Community Unit ID No	S1_COMMI
Franchise Authority	S1_FAUTH
Record type: "F" (for first) or "S" (for second)	S1_FS

13	Name of cable system owner	S1_CABOW
14	City or town and state location of cable system owner	NE
15	Name of cable system contact officer responsible for completing this form	NE
16	Phone number of cable system contact officer	NE
17	Name of franchise authority contact officer*	NE
18	Phone number of franchise* authority contact officer	NE

SCHEDULE 2

CABLE SYSTEM CHARACTERISTICS

All information provided should be as of September 30, 1992.

Line	Item:	
1	Number of households in the system area	S2_HH
2	Number of households passed	S2_HHPAS
3	Number of households subscribing	S2_HHSUB
4	Number of addressable subscribers	S2_ASUBS
5	What is the main type of addressability? Coded as: One-way 1, Two-way 2, Impulse 3, Other 4, None 5.	S2_ATYPE
6	Number of headends serving the system	S2_HEAD
7	Age of principal headend	S2_AGEHE
8	Total line miles of distribution plant in the system	S2_MILES
	Percentage of line miles of distribution plant which is:	
9	- above ground:	S2_PABOV
10	- below ground:	S2_PBELO
11	- fiber:	S2_PFIBE
12	Is the system required to bury all cable drops? (Circle one.)	YN S2_BURY
13	Is the system part of a Multiple System Operator (MSO) of 2 or more systems? (Circle one.)	YN S2_PARTM
14	If you responded "Yes" on line 13, how many systems are in the MSO?	S2_MSONU

SCHEDULE 3

CABLE SYSTEM ANNUAL REVENUE

All information should be for the latest complete fiscal year.

Line	Item:	
1	Fiscal year ending date (Month/Day/Year)	S3_FYEND
	Revenue from:	AMOUNT (omit cents)
2	- subscriptions to your basic tier	S3_BASSU
3	- other tier subscriptions	S3_OTHSU
4	- pay channel subscriptions	S3_PAYSU
5	- pay-per-view charges	S3_PPVCH
6	- advertising on basic tier	S3_BASAD
7	- advertising on other tiers	S3_OTHAD
8	- advertising on pay and pay-per-view	S3_PAYPP
9	- installation charges	S3_INSCH
10	- equipment rental	S3_ERENT
11	- additional outlet charges	S3_AOCHR
12	- other revenue	S3_OREV
13	Total revenue	S3_TOTRE
	If you show an amount on line 12 for other revenue, indicate the type(s) of revenue:	
14		YN S3_REVTY
	What is the value of any non-revenue benefits, such as promotional advertising, received by the system for providing cable services during the fiscal year?	
15		S3_NONRE
	Specify the type(s) of non-revenue benefits received:	
16		YN S3_NONTY

SCHEDULE 4

COMPETITION IN FRANCHISE AREAS

Line	Item:				
1	<p>Do fewer than 30 percent of the households in any franchise area served by the system subscribe to any cable services (of this or any cable system)? (Circle one.)</p> <p style="text-align: right;">YN S4 UND30</p>				
2	<p>If you answered "Yes" on line 1, list the franchise areas with less than 30 percent of households subscribing to this or any cable service and the estimated percentage of households subscribing to any cable service in these franchise areas:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="305 712 912 808">Franchise areas with less than 30% of households subscribing to this or any cable service</th> <th data-bbox="912 712 1429 808">Estimated % of households subscribing to this or any cable service.</th> </tr> </thead> <tbody> <tr> <td data-bbox="305 808 912 1261" style="height: 150px;"> <p style="text-align: center;">Only the number of franchise areas listed which clearly meet legislative definition 623(1)(1)(A) is entered.</p> </td> <td data-bbox="912 808 1429 1261"></td> </tr> </tbody> </table> <p style="text-align: right;">S4 30ARE</p>	Franchise areas with less than 30% of households subscribing to this or any cable service	Estimated % of households subscribing to this or any cable service.	<p style="text-align: center;">Only the number of franchise areas listed which clearly meet legislative definition 623(1)(1)(A) is entered.</p>	
Franchise areas with less than 30% of households subscribing to this or any cable service	Estimated % of households subscribing to this or any cable service.				
<p style="text-align: center;">Only the number of franchise areas listed which clearly meet legislative definition 623(1)(1)(A) is entered.</p>					
3	<p>Does any competitor* offer similar service to at least 50 percent of households in any franchise area served by this system? (Circle one.)</p> <p style="text-align: right;">YN S4 COMP</p>				

* For the purposes of Schedule 4, a competitor could include:

- another unaffiliated cable operator;
 - a multi-channel multi-point distribution service (MMDS);
 - a direct broadcast satellite (DBS) service;
 - a television receive-only (TVRO) satellite program distributor; or
 - a satellite master antenna television (SMATV) system.
- However, a competitor must offer a similar service by making available for purchase by subscribers or customers multiple channels of video programming.

SCHEDULE 4 CONTINUED

COMPETITION IN FRANCHISE AREAS

Line	Item:			
4	<p>If you answered "Yes" on line 3, list the franchise areas which have competitors which offer similar services to at least 50% of households, the name of all such competitors in each franchise area and your estimate of the percentage of households in each franchise area to which each competitor offers similar services.</p> <table border="1"> <thead> <tr> <th data-bbox="343 561 806 715">Name of franchise area in which a competitor offers similar service to at least 50% of households</th> <th data-bbox="839 561 1153 715">Name of all such competitors in each franchise area</th> <th data-bbox="1177 561 1430 715">Percentage of of households to which such competitors offer service</th> </tr> </thead> </table> <p>Three numbers have been entered:</p> <p>the number of franchise areas listed S4_50ARE</p> <p>the number of competitors listed (counted once for each franchise in which they occur) S4_50COM</p> <p>the number of franchise areas listed which clearly meet legislative definition 623(1)(1)(B) S4_50ETE</p>	Name of franchise area in which a competitor offers similar service to at least 50% of households	Name of all such competitors in each franchise area	Percentage of of households to which such competitors offer service
Name of franchise area in which a competitor offers similar service to at least 50% of households	Name of all such competitors in each franchise area	Percentage of of households to which such competitors offer service		
5	<p>Does a franchising authority offer video programming service to at least 50 percent of households in any franchise area served by this system? (Circle one.)</p> <p style="text-align: right;">YN S4_50VID</p>			
6	<p>If you answered "Yes" on line 5, list the franchise areas in which franchise authorities offer video programming services to at least 50% of households, the name of the franchise authority and your estimate of the percentage of households in the franchise area to which they offer services.</p> <table border="1"> <thead> <tr> <th data-bbox="343 1491 806 1613">Name of franchise area in which franchise authority offers video programming</th> <th data-bbox="839 1523 1153 1613">Name of franchise authority</th> <th data-bbox="1177 1523 1430 1613">Percentage of of households</th> </tr> </thead> </table> <p>Only the number of franchise areas listed which clearly meet legislative definition 623(1)(1)(C) is entered S4_VIDNU</p>	Name of franchise area in which franchise authority offers video programming	Name of franchise authority	Percentage of of households
Name of franchise area in which franchise authority offers video programming	Name of franchise authority	Percentage of of households		

After S4L6: the total number of different franchise areas which clearly meet any of the three legislative definitions S4_TOTAR

SCHEDULE 5 AND 10

FIRST AND SECOND FRANCHISE AREA:
CHARACTERISTICS

The first franchise area is the one to which this questionnaire is addressed (ie this franchise area should have the same Community Unit ID No. as appears on the cover page. All information provided should be as of September 30, 1992.

Line	Item:	
1	Name of franchise area	S5_IST_F
2	Community Unit ID No. of this franchise area	S5_COMMI
3	Number of households in this franchise area	S5_HH
4	Number of households in this franchise area which are passed by system distribution plant	S5_HHPAS
5	Number of households in this franchise area which subscribe to this system	S5_HHSUB
6	Number of addressable subscribers in this franchise area	S5_ADDR
7	What is the main type of addressability? Coded as: One-way 1, Two-way 2, Impulse 3, Other 4, None 5.	S5_ADDRT
8	Number of headends serving franchise area	S5_HEAD
9	Age of principal headend	S5_HEADA
10	Line miles of distribution plant in this franchise area	S5_MILES
	Percentage of line miles of distribution plant in line 10 which is:	
11	- above ground:	S5_PABOV
12	- below ground:	S5_PBELO
13	- fiber:	S5_PFIBE
14	Is the franchise required to bury all cable drops? (Circle one.)	YN S5_BURY

After S5L14: a code for the type of competition, if any (see explanatory note on page for a list of the competition types)
S5_SC4CO

SCHEDULE 6 AND 11

FIRST AND SECOND FRANCHISE AREA:
FRANCHISE AUTHORITY FEES AND CHARGES

All information provided should be for the latest fiscal year.

Line	Item:
1	<p>What is the total of franchise fees paid in the last completed fiscal year for this franchise area?</p> <p style="text-align: right;">S6_FPAID</p>
2	<p>Show how this payment is calculated and incurred. Show either the amount per subscriber or the percentage of basic or total subscriber revenue, as appropriate:</p> <p style="text-align: right;">\$ per subscriber per year S6_PERSU</p>
3	<p style="text-align: right;">% of basic subscriber revenue S6_PBAS</p>
4	<p style="text-align: right;">% of total subscriber revenue S6_PTOT</p>
5	<p>Does the franchise fee appear as a separate line item on on the subscriber's monthly bill? (Circle one.)</p> <p style="text-align: right;">YN S6_FEESE</p>
6	<p>Apart from those in lines 2, 3 or 4, specify any other fees, taxes or charges by the franchise authority paid for this franchise (e.g., fixed amounts, equipment-related charges). Specify the amount, how the total payment is calculated and the frequency of payment. Include only fees, taxes and charges specific to the cable industry. Do not include general fees, taxes or charges such as sales tax or corporate income tax.</p> <p style="text-align: right;">\$0 if no response S6_OAMT 0% if no response S6_OPCT</p> <p>(NB, generally, if there is a positive response to this question, the two variables will be blank in the database.)</p>
7	<p>Which, if any, of the fees, taxes or charges shown on line 6 appear as separate line items on the subscriber's monthly bill?</p> <p style="text-align: right;">YN S6_ANYSE</p>

SCHEDULE 7 AND 12

FIRST AND SECOND FRANCHISE AREA:
1992 TIERS, CHANNELS AND CHARGES

Provide the information required for each of:

- o equipment and supplementary charges;
- o the basic tier as provided in the franchise area;
- o each of the two other tiers which have the most subscribers;
and
- o all channels in the franchise.

All charges, channels and subscriber information provided should be as of September 30, 1992.

Line	Item:
	EQUIPMENT AND SUPPLEMENTARY CHARGES
	Average charges:
1	- installation fee S7 IFEE
2	- disconnect fee S7 DFEE
3	- reconnect fee S7 RFEE
4	- monthly converter box rental S7 CRENT
5	- monthly remote control rental S7 RRENT
6	- monthly additional outlet fee S7 AOFEE
7	- tier changing fee S7 TCFEE
	List any other equipment and supplementary charges which are not included in lines 1 through 7. (Show amount and type of charge.)
	YN S7_CINFO
8	For the last completed fiscal year give the number of:
9	- installations provided S7 FYNIP
10	- disconnections S7 FYNDI
11	- reconnections S7 FYNRE
	For the last fiscal year, give the average number of:
12	- converter boxes rented S7 FYACB
13	- remote control units rented S7 FYARC
14	- additional outlets charged for S7 FYAAO
15	- tier changes charged for S7 FYATC
	If you listed any additional charges on line 8, list the average volumes for each item in the last fiscal year:
	YN S7_ISVOL
16	

SCHEDULE 7 AND 12 CONTINUED FIRST AND SECOND FRANCHISE AREA:
1992 TIERS, CHANNELS AND CHARGES

Line	Item:	
	BASIC TIER	
17	Subscribers to the basic tier	S7_1TS
	Number of:	
18	- local TV broadcast stations	S7_1LTV
19	- distant TV broadcast stations	S7_1DTV
20	- satellite-delivered cable network channels	S7_1SAT
21	- public educational government access channels	S7_1PA
22	- other channels in the basic tier	S7_1TO
23	Total number of channels in the basic tier	S7_1TTOT
24	Monthly subscription charge	S7_1MC
	What other charges are incurred for the basic service tier? (Show amount and type of charge.)	
		YN S7_IAO
25		
	SECOND TIER	
26	Subscribers to this tier	S7_2TS
	Number of:	
27	- local TV broadcast stations	S7_2LTV
28	- distant TV broadcast stations	S7_2DTV
29	- satellite-delivered cable network channels	S7_2SAT
30	- public educational government access channels	S7_2PA
31	- other channels in this tier	S7_2TO
32	Total number of channels in this tier	S7_2TTOT
33	Monthly subscription charge for this tier only	S7_2MC
	What other charges are incurred for the second tier? (Show amount and type of charge.)	
		YN S7_2AO
34		

SCHEDULE 7 AND 12 CONTINUED FIRST AND SECOND FRANCHISE AREA:
1992 TIERS, CHANNELS AND CHARGES

THIRD TIER		
35	Subscribers to this tier	S7_3TS
	Number of:	
36	- local TV broadcast stations	S7_3LTV
37	- distant TV broadcast stations	S7_3DTV
38	- satellite-delivered cable network channels	S7_3SAT
39	- public educational government access channels	S7_3PA
40	- other channels in this tier	S7_3TO
41	Total number of channels in this tier	S7_3TTOT
42	Monthly subscription charge for this tier only	S7_3MC
	What other charges are incurred for the third tier? (Show amount and type of charge.)	
		YN S7_3AO
43		

ALL CHANNELS IN THIS FRANCHISE AREA		
44	Total channels in basic tier (as in line 23)	S7_TOTAT
45	Total channels in second tier (as in line 32)	S7_TOTAL1
46	Total channels in third tier (as in line 41)	S7_TOTA2
47	Total channels in any other tiers	S7_TOT0C
48	Total pay channels	S7_TOTPA
49	Total pay-per-view channels	S7_TOTPP
50	Any other channels in this franchise area	S7_OAC
51	Total of all channels in this franchise area	S7_TOTAC

SCHEDULE 8 AND 13

FIRST AND SECOND FRANCHISE AREA:
1986 TIERS, CHANNELS AND CHARGES

Line	Item:
A.1	Did the system provide programming services in this franchise area in November 1986? (Circle one.) <div style="text-align: right;">YN S8 PROGS</div>

If you answered "Yes" on line A.1, you must complete the rest of Schedule 8 to the best of your ability.

If you answered "No" on line A.1, skip the rest of Schedule 8 and go to Schedule 9.

A.2	As of November 30, 1986, was the franchise area rate regulated? (Circle one.) <div style="text-align: right;">YN S8 REGUL</div>
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Provide the information required on the next three pages for:

- o equipment and supplementary charges;
- o the basic tier as provided in this franchise area;
- o each of the two other tiers which had the most subscribers; and
- o all channels in the franchise.

All charges and subscriber information provided in this Schedule should be as of November 30, 1986.

SCHEDULE 8 AND 13 CONTINUED

FIRST AND SECOND FRANCHISE AREA:
1986 TIERS, CHANNELS AND CHARGES

Line	Item:	
	EQUIPMENT AND SUPPLEMENTARY CHARGES	
	Average charges as of November 30, 1986:	
1	- installation fee	S8_IFEE
2	- disconnect fee	S8_DFEE
3	- reconnect fee	S8_RFEE
4	- monthly converter box rental	S8_CRENT
5	- monthly remote control rental	S8_RRENT
6	- monthly additional outlet fee	S8_AOFEE
7	- tier changing fee	S8_TCFEE
	List any other equipment and supplementary charges which are not included in lines 1 through 7. (Show amount and type of charge.)	
		YN S8_CINFO
8		
	For the fiscal year which included November 30, 1986, give the number of:	
9	- installations provided	S8_FYNIP
10	- disconnections	S8_FYNDI
11	- reconnections	S8_FYNRE
	For the same fiscal year, give the average number of:	
12	- converter boxes rented	S8_FYACB
13	- remote control units rented	S8_FYARC
14	- additional outlets charged for	S8_FYAAO
15	- tier changes charged for	S8_FYATC
	If you listed any additional charges on line 8, list the average volumes for each item in the same fiscal year:	
		YN S8_ISVOL
16		

SCHEDULE 8 AND 13 CONTINUED

FIRST AND SECOND FRANCHISE AREA:
1986 TIERS, CHANNELS AND CHARGES

Line	Item:	
	BASIC TIER	
	As of November 30, 1986, give the number of:	
17	Subscribers to the basic tier	S8_1TS
18	- local TV broadcast stations	S8_1LTV
19	- distant TV broadcast stations	S8_1DTV
20	- satellite-delivered cable network channels	S8_1SAT
21	- public educational government access channels	S8_1PA
22	- other channels in the basic tier	S8_1TO
23	Total number of channels in the basic tier	S8_1TTOT
24	Monthly subscription charge	S8_1MC
	What other charges were incurred for the basic service tier? (Show amount and type of charge.)	
		YN S8_1AO
25		
	SECOND TIER	
	As of November 30, 1986, give the number of:	
26	Subscribers to the second tier	S8_2TS
27	- local TV broadcast stations	S8_2LTV
28	- distant TV broadcast stations	S8_2DTV
29	- satellite-delivered cable network channels	S8_2SAT
30	- public educational government access channels	S8_2PA
31	- other channels in this tier	S8_2TO
32	Total number of channels in this tier	S8_2TTOT
33	Monthly subscription charge for this tier only	S8_2MC
	What other charges were incurred for the second tier? (Show amount and type of charge.)	
		YN S8_2AO
34		