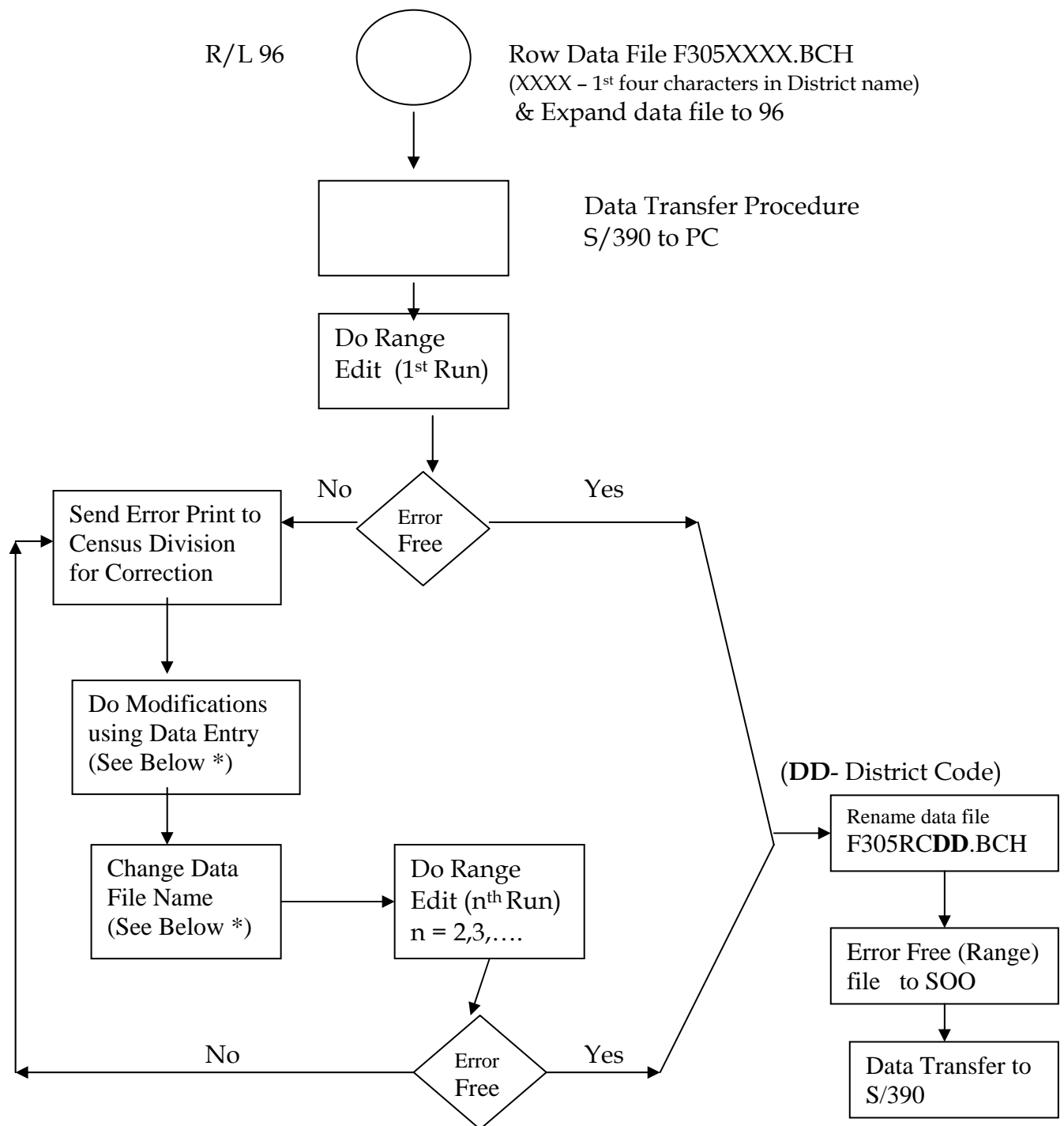**Census of Population and Housing 2001**
System Flow Chart – Range Edit
5 % Sample – For District Files

R/L 96   ◯   Row Data File F305XXXX.BCH
                                               (XXXX – 1st four characters in District name)
                                                & Expand data file to 96

                    [Data Transfer Procedure]   Data Transfer Procedure
                                                       S/390 to PC

                    Do Range
                    Edit (1st Run)

        No ◄──── ◇ Error ──── Yes
                   Free

Send Error Print to   (**DD**- District Code)
Census Division
for Correction   Rename data file
                                                        F305RC**DD**.BCH

Do Modifications
using Data Entry   Error Free (Range)
(See Below *)   file   to SOO

Change Data   Do Range   Data Transfer to
File Name   Edit (nth Run)   S/390
(See Below *)   n = 2,3,….

        No ◄──── ◇ Error ──── Yes
                   Free

*   (**XXXX** – 1st four characters in District name)

Data File	After Corrections	
F305**XXXX**.BCH (For 1st Run)	F305R1**DD**.BCH	(**DD**- District Code)
F305R1**DD**.BCH (For 2nd Run)	F305R2**DD**.BCH	
F305R2**DD**.BCH (For 3rd Run)	F305R3**DD**.BCH	
…….	……….	
…….	……….	

Census of Population and Housing 2001
System Flow Chart – Consistency Edit (A)
5 % Sample – For District Files

R/L 96

Range Errors Free Data File
F305RCDD.BCH
(DD –District Code)
 & Expand data file to 96

Data Transfer Procedure
S/390 to PC

Do Consistency(A) Edit (1st Run)

Error Free

No → Send Error Print to Census Division for Correction

Yes →

Do Modifications using Data Entry (See Below *)

Change Data File Name (See Below *) → Do Consistency(A) Edit (nth Run) n = 2,3,...

Error Free

No → (loops back)

Yes →

(**DD**- District Code)

Rename data file F305AC**DD**.BCH

Error Free Consistency(A) file to SOO

Data Transfer to S/390

Data File	After Corrections	
F305RC**DD**.BCH (For 1st Run)	F305A1**DD**.BCH	(**DD**- District Code)
F305A1**DD**.BCH (For 2nd Run)	F305A2**DD**.BCH	
F305A2**DD**.BCH (For 3rd Run)	F305A3**DD**.BCH	
....	....	
....	....	

Census of Population and Housing 2001
System Flow Chart – Consistency Edit (B)
5 % Sample – For District Files

R/L 96

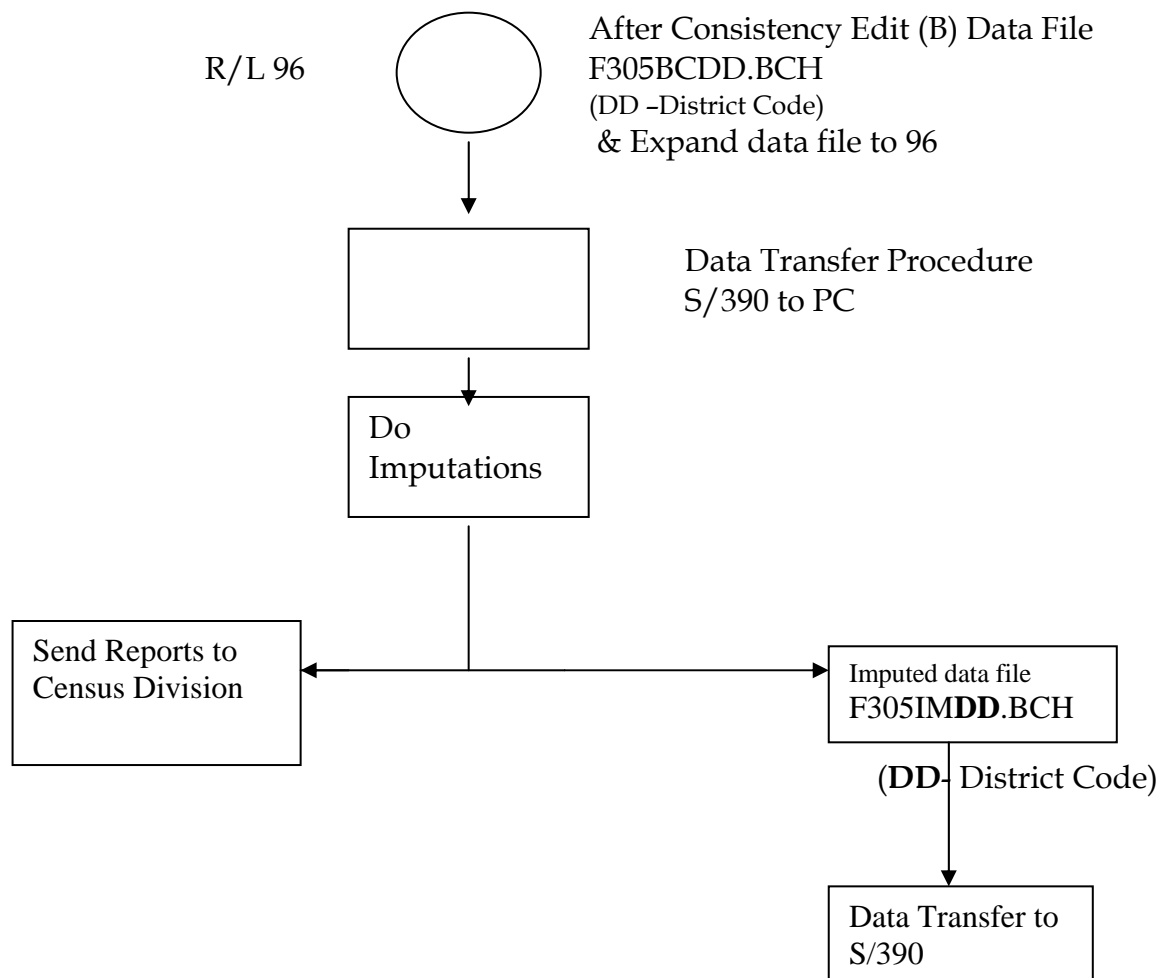After Consistency Edit (A) Data File
F305ACDD.BCH
(DD –District Code)
& Expand data file to 96

Data Transfer Procedure
S/390 to PC

Do Consistency(B) Edit (1st Run)

Error Free

No → Send Error Print to Census Division for Correction

Yes

(**DD**- District Code)

Do Modifications using Data Entry (See Below *)

Change Data File Name (See Below *)

Do Consistency(B) Edit (nth Run) n = 2,3,….

Error Free

No

Yes

Rename data file F305BC**DD**.BCH

Error Free Consistency(B) file to SOO

Data Transfer to S/390

Data File
F305AC**DD**.BCH (For 1st Run)
F305B1**DD**.BCH (For 2nd Run)
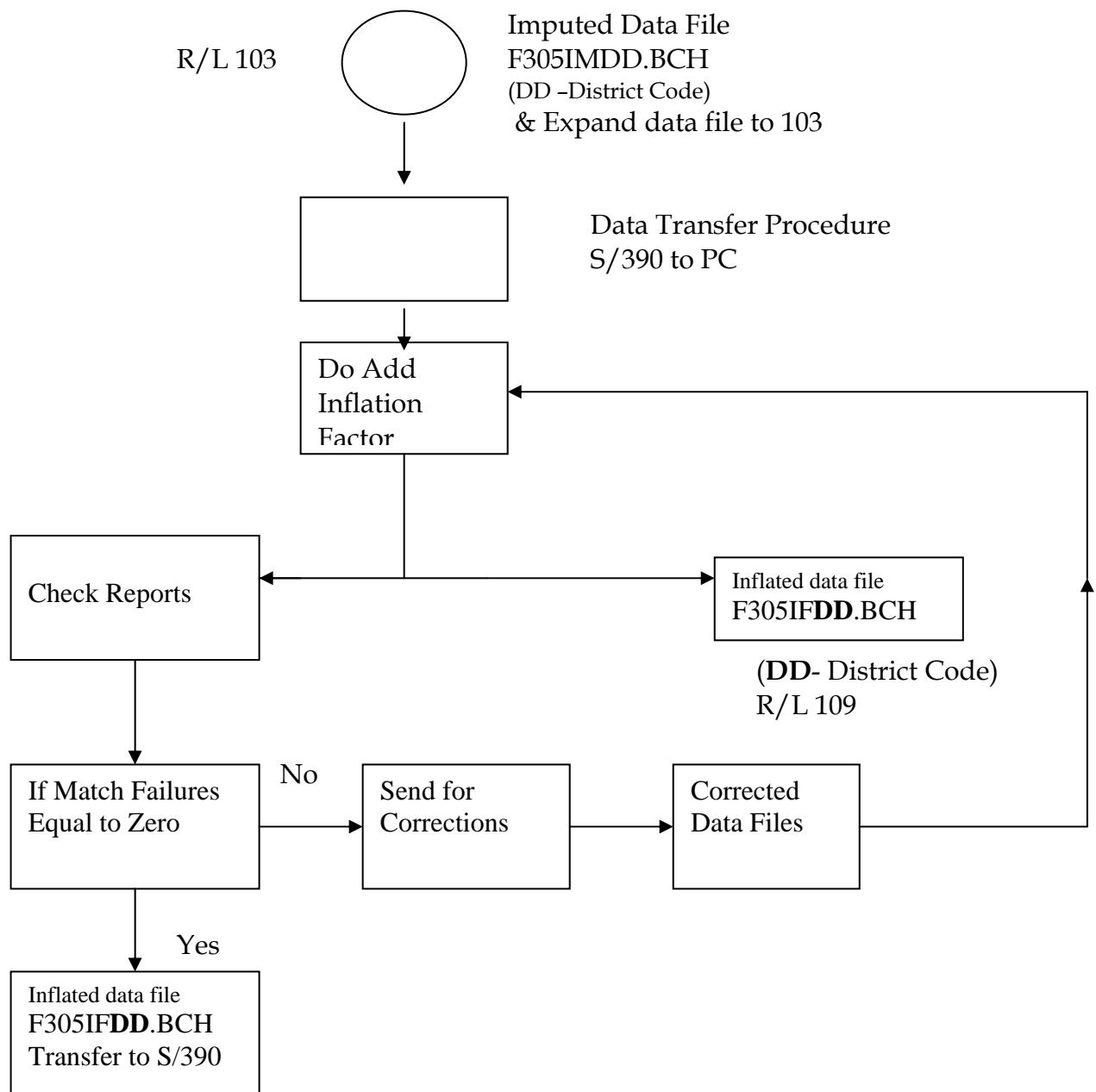F305B2**DD**.BCH (For 3rd Run)
…….
…….

After Corrections
F305B1**DD**.BCH   (**DD**- District Code)
F305B2**DD**.BCH
F305B3**DD**.BCH
……….
……….

Census of Population and Housing 2001
System Flow Chart – Imputations
5 % Sample – For District Files

R/L 96

After Consistency Edit (B) Data File
F305BCDD.BCH
(DD –District Code)
& Expand data file to 96

Data Transfer Procedure
S/390 to PC

Do
Imputations

Send Reports to
Census Division

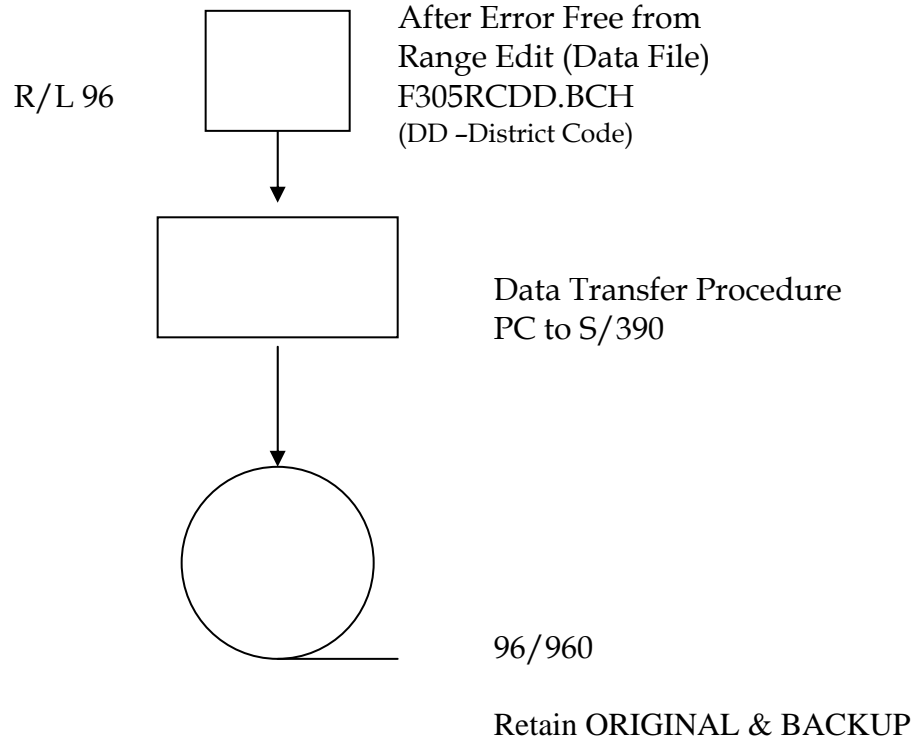Imputed data file
F305IM**DD**.BCH

(**DD** - District Code)

Data Transfer to
S/390

Census of Population and Housing 2001
System Flow Chart – Add Inflation Factors
5 % Sample – For District Files

R/L 103   ◯   Imputed Data File
                                                        F305IMDD.BCH
                                                        (DD –District Code)
                                                        & Expand data file to 103

                        ┌─────────────┐
                        │   │   Data Transfer Procedure
                        │   │   S/390 to PC
                        └─────────────┘

                        ┌─────────────┐
                        │ Do Add   │
                        │ Inflation   │
                        │ Factor   │
                        └─────────────┘

┌─────────────┐   ┌──────────────────────┐
│   │   │ Inflated data file   │
│ Check   │ ◄─────────────   │ F305IF**DD**.BCH   │
│ Reports   │   └──────────────────────┘
│   │
└─────────────┘   (**DD**- District Code)
                                               R/L 109

┌─────────────┐   No   ┌─────────────┐   ┌─────────────┐
│ If Match   │ ──────► │ Send for   │ ───► │ Corrected   │
│ Failures   │   │ Corrections │   │ Data Files │
│ Equal to Zero│   └─────────────┘   └─────────────┘
└─────────────┘

        │ Yes
        ▼
┌─────────────┐
│ Inflated data file │
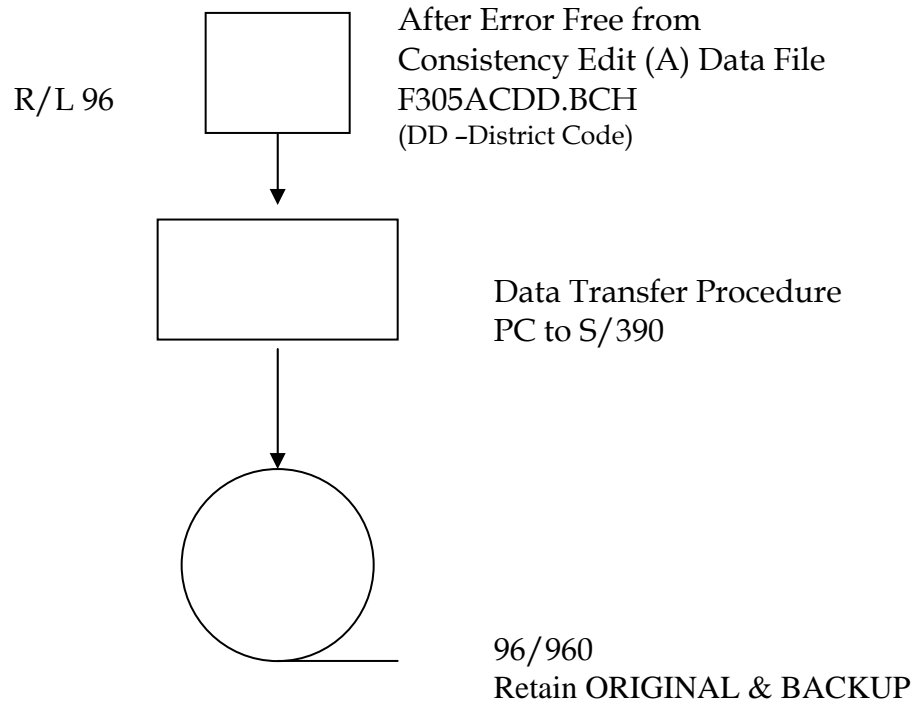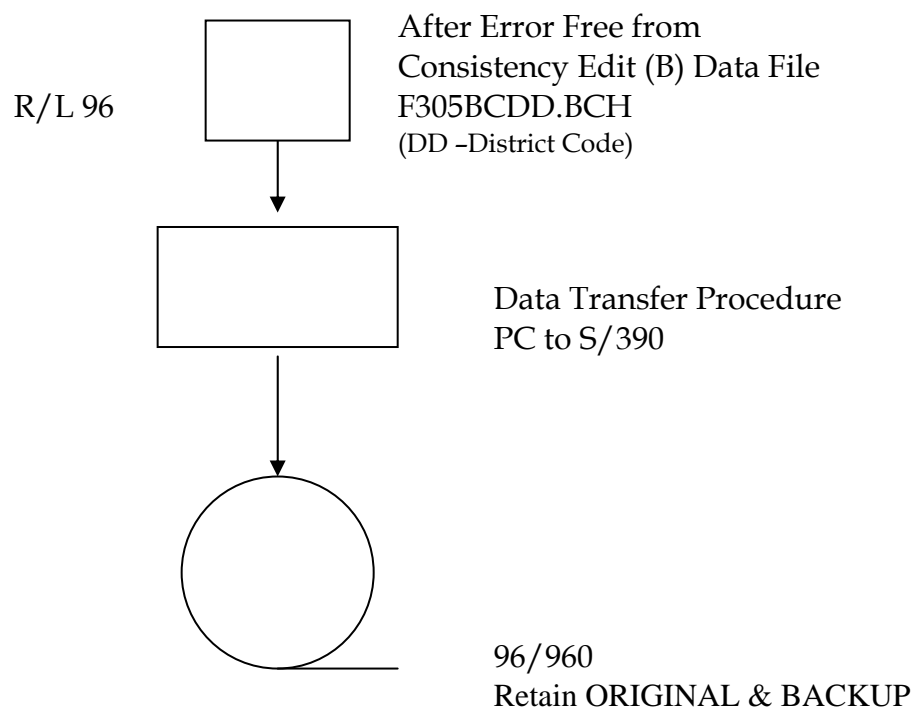│ F305IF**DD**.BCH   │
│ Transfer to S/390 │
└─────────────┘

* Note : Few records may delete during Add Inflation Factor procedure

Census of Population and Housing 2001
Flow Chart – Data Loading to S/390
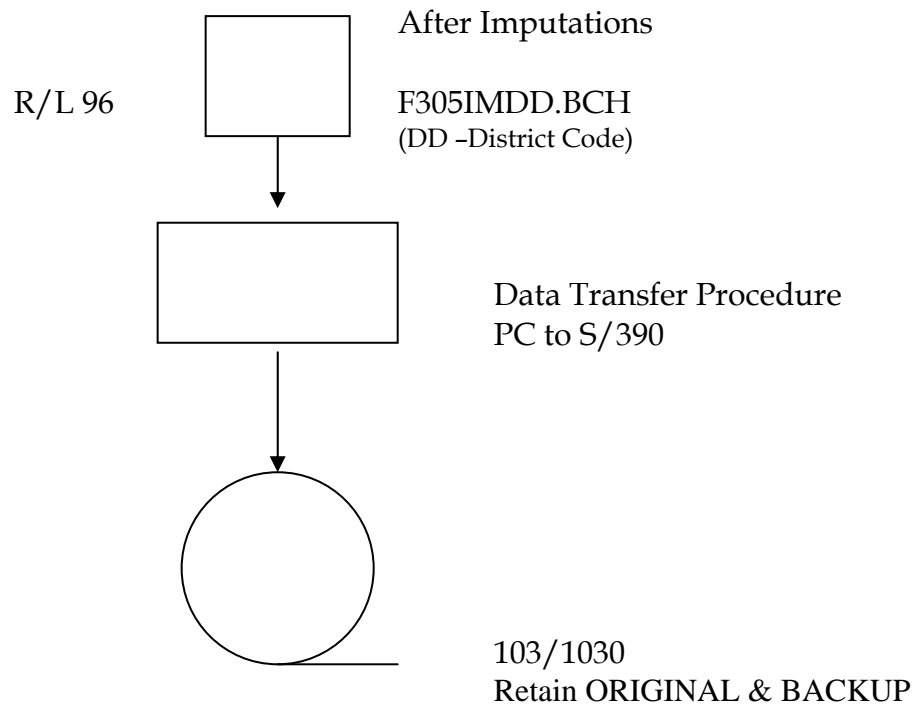**5 % Sample – For District Files**

R/L 96

After Error Free from
Range Edit (Data File)
F305RCDD.BCH
(DD –District Code)

Data Transfer Procedure
PC to S/390

96/960

Retain ORIGINAL & BACKUP

Census of Population and Housing 2001
Flow Chart – Data Loading to S/390
5 % Sample – For District Files

R/L 96

After Error Free from
Consistency Edit (A) Data File
F305ACDD.BCH
(DD –District Code)

Data Transfer Procedure
PC to S/390

96/960
Retain ORIGINAL & BACKUP

Census of Population and Housing 2001
Flow Chart – Data Loading to S/390
5 % Sample – For District Files

R/L 96

After Error Free from
Consistency Edit (B) Data File
F305BCDD.BCH
(DD –District Code)

Data Transfer Procedure
PC to S/390

96/960
Retain ORIGINAL & BACKUP

Census of Population and Housing 2001
Flow Chart – Data Loading to S/390
5 % Sample – For District Files

R/L 96

After Imputations

F305IMDD.BCH
(DD –District Code)

Data Transfer Procedure
PC to S/390

103/1030
Retain ORIGINAL & BACKUP

Census of Population and Housing 2001
Flow Chart – Data Loading to S/390
5 % Sample – For District Files

R/L 109

After Adding Inflation Factors

F305IFDD.BCH
(DD –District Code)

Data Transfer Procedure
PC to S/390

109/1090
Retain ORIGINAL & BACKUP